

Appendix I

2007 Silver Hart Field Notes

2007 Silver Hart Field Notes Compiled Validated 15-Oct-07 by Farrell Andersen Karen Andersen

Note: These co-ords are based on a handheld GPS and best confidence is +/- 25m

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| Station | UTM83E | UTM83N | GridE_ft | GridN_ft | Elev_ft | Type | Description | Structure | Azimuth | Dip | Length_m | Width_m | Comments |
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| FA0701 | 404908 | 6689389 | | | | SP | | | | | | | Tag at old survey pin N side of CMC 2005 K zone |
| FA0702 | 404898 | 6689419 | | | | CP | | | | | | | Old posts situated grid W of CMC K Zone with replacement tags Posts 1 YA56639/56638, Posts 2 |
| FA0703 | 404916 | 6689401 | | | | GP | | | | | | | 1999 geophysics grid picket 5675N 0+00E |
| FA0704 | 404333 | 6688758 | 10150 | 9400 | | GP | | | | | | | 1986 geochem grid picket 9400N 10150E |
| FA0705 | 404675 | 6689089 | | | | DDH | | | 140 | -55 | | | Unmarked drill hole at northern end of the F zone |
| FA0706 | 404711 | 6689110 | | | | DDH | | | 140 | -45 | | | Picket in drill hole DDH 06-10 - not drilled. Is this really the 2006 hole 10? |
| FA0707 | 404750 | 6689145 | | | | DDH | | | 140 | -45 | | | Incorrectly labelled collar picket at drill site shows DH 06-07. This is not the location of the real 06-07 |
| FA0708 | 404889 | 6689348 | | | 4975 | DDH | | | 320 | -45 | | | Collar DH05-06 & K0+35 trench sample |
| FA0709 | 405051 | 6689583 | | | 4865 | DDH | | | | -90 | 63.11 | | Collar DH06-06 |
| FA0710 | 405061 | 6689606 | | | 4862 | DDH | | | 140 | -50 | 50.91 | | Collar DH06-07 |
| FA0711 | 405038 | 6689572 | | | 4870 | DDH | | | 140 | -45 | | | Collar DH05-07 |
| FA0712 | 405028 | 6689556 | | | 4870 | DDH | | | | -90 | 70.63 | | Collar DH06-05 |
| FA0713 | 405008 | 6689558 | | | 4872 | DDH | | | 140 | -45 | 52.7 | | Collar DH05-08 |
| FA0714 | 404996 | 6689550 | | | 4875 | DDH | | | 140 | -65 | 60.06 | | Collar DH06-04 |
| FA0715 | 405277 | 6688840 | | | | GP | | | 140 | | | | Unmarked picket overlooking SW draining tributary; believe this to be old geochem (1986/87 L11600N 12150E); if so, a strong Zn anomaly starts at this station and trends grid east, bearing 140 degrees for 300ft - NB: later surveying identifies this line as 11800N; geochem anomaly locates 200ft S of this station |
| FA0716 | 405330 | 6688855 | | | | OC | Quartzite | | 239 | 79S | 12 | 2 | 12m x 2m outcrop snow-white quartzite or glassy foliated quartz vein; old sample flag appears to be 1737 ? |

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| FA0717 | 405232 | 6688833 | | | | OC | Calc-silicate | BED | 331 | 67E | | 0.75 | 0.75m true width gritty LST horizon within a sandy grey coloured sedimentary unit; stratiform bedding 331/67NE in trench trending 080; large MnOx patches associated with calc-silicate horizons; survey tag 703 at west end of trench; calc-silicate horizon is a gritty limestone interbed; geophysics picket~15m from S end of trench says EOL 800NE 600SE |
| FA0718 | 405143 | 6688876 | | | | OC | Gossan | FAULT | 230 | 87NW | | | Grid SW end of D zone trench; MnOx replaced horizon; S wall appears to be the FW of a 230/87NW trending fault; milky white to waxy QV <10cm wide bounded by MnOx in trench floor parallelling fault; mm scale milky opaque QV stockwork with moderate silicification running in FW; rock appears to be an altered sedimentary unit; survey tag 826 at GPS location |
| FA0719 | 405147 | 6688905 | | | | SP | | | | | | | Survey tag 832 in D zone trench; rusty schistose material with MnOx pods in trench floor; oriented parallel trench trending 030 |
| FA0720 | 405159 | 6688919 | | | | SP | | | | | | | Survey tag 712 at N edge of large MnOx gossan in D zone trench; gossan trends parallel bedding & lines up with FA17 gossan; old samples No. 11649, 11650, 11648, 11647-all taken across 330 degree trend. Samples 11653 & survey tag 713 found at massive galena rich material; |
| FA0721 | 405168 | 6688909 | | | | OC | Gossan | | | | | | Locate in-situ galena pod within D zone gossan; sample tag 11660 nearby |
| FA0722 | 405228 | 6688996 | | | | OC | Gossan | FAULT | 240 | 73N | | | MnOx gossan with cm scale massive sphalerite pods and galena stringers; locates on margins of qv filled fault |
| FA0723 | 405307 | 6689063 | | | | GP | | | | | | | Locate geophysics stake with WL1000NE/500SE- what kind of grid system is this?? |

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| FA0724 | 405108 | 6689017 | 11300 | 11800 | | GP | | | | | | | Locate 1986/87 picket 11800N 11300E on limestone outcrop |
| FA0725 | 404612 | 6689002 | | | 4910 | DDH | | | 140 | -65 | 112.5 | | Collar verification DH06-02 |
| FA0726 | 404588 | 6688988 | | | 4890 | DDH | | | | -45 | 59.45 | | Collar verification DH05-02 |
| FA0727 | 404568 | 6688987 | | | 4885 | DDH | | | 140 | -85 | 95.65 | | Collar verification DH06-01 |
| FA0728 | 404510 | 6688991 | | | | GP | | | | | | | 1999 geophysics grid 5100N 000E |
| FA0729 | 404363 | 6688994 | | | 4790 | DDH | | | 150 | -45 | 39 | | Collar verification DH05-11 |
| FA0730 | 404319 | 6688973 | | | 4770 | DDH | | | 150 | -45 | 69.5 | | Collar verification DH05-14 |
| FA0731 | 404303 | 6688951 | | | 4705 | DDH | | | 150 | -45 | 64.7 | | Collar verification DH05-12 |
| FA0732 | 404302 | 6688938 | | | 4705 | DDH | | | 150 | -45 | 10.1 | | Collar verification DH05-13 |
| FA0733 | 404418 | 6689022 | | | 4830 | DDH | | | 150 | -45 | 45.1 | | Collar verification DH05-10 |
| FA0734 | 404929 | 6689103 | | | | DDH | | | | | | | 1 box of core at site labelled DH06-14, -45; unknown azimuth. Wireline, cable rags at site; oil stain on ground; 0-2 casing 2'-16' qtz veined, greenish speckled gritty sediment; no sulphide, 16' appears to be EOH |
| FA0735 | 404926 | 6689119 | | | | SP | Mineralisation | | 70 | 64S | 1 | 1 | Survey tag no. 687, adjacent to large galena pod trending 070/64S in M zone. Hanging wall fault contact appears to have 080/42 S trend. Galena pod measures 1m x 1m and can be traced 17m to the grid N and 3m to the grid S |
| FA0736 | 404890 | 6689392 | | | 4985 | DDH | | | | -45 | 51.2 | | Collar verification DH05-05 |
| FA0737 | 404864 | 6689404 | | | | DDH | | | | | | | Old drill hole unlabelled, weathered 4x4 as plug; appears to be 140az -45incl |
| FA0738 | 404830 | 6689366 | | | 5050 | DDH | | | | -45 | 62.6 | | Collar verification DH05-04; rock outcrop to N is dk grey crystalline limestone; fault surface on exposure 042/69 S, bedding 010/45 E |
| FA0738A | | | | | | OC | Limestone | BED | 10 | 45E | | | |
| FA0738B | | | | | | OC | | FAULT | 42 | 69S | | | |
| FA0739 | 404948 | 6689484 | | | 4920 | DDH | | | 140 | -65 | 79.59 | | Collar verification DH06-03 |
| FA0740 | 404980 | 6689587 | | | 4910 | DDH | | | | | | | DH86-65 -90? |
| FA0741 | 404981 | 6689524 | | | 4870 | DDH | | | 140 | -45 | 47.9 | | Collar verification DH05-09 |

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| FA0742 | 404987 | 6689534 | | | | PDH | | | | | | | Unmarked hole, 10m E of 05-09; old 1986 hole from appearance of tags;rotted bags of percussion chips |
| FA0743 | 405126 | 6689646 | | | 4810 | DDH | | | 140 | -45 | 50 | | Collar verification DH06-09 |
| FA0744 | 405083 | 6689613 | | | 4830 | DDH | | | 140 | -45 | 89.02 | | Collar verificationDH06-08 |
| FA0745 | 404554 | 6688947 | | | 4860 | DDH | | | 350 | -45 | 49.7 | | Collar verification DH05-03 |
| FA0746 | 404637 | 6689005 | | | 4930 | DDH | | | | | | | Old dried drill mud; washed depression; no labelling or drill plug; co-ords correlate to the 2005 DH05-01 |
| FA0747 | 404900 | 6689385 | | | | SP | | | | | | | Survey tag 594 at N end of CMC K Zone trench. 1st cross trench S of tag contains samples 25092 to 25102 |
| FA0748 | 404284 | 6688771 | 10000 | 9300 | | GP | | | | | | | Put in 9300N line into cleared area near wash house to assist with tailings site condemnation drill planning.Bush survey shows proposed camp site occupies the area 9250N to 9350N from 9700E to 9900E |
| <i>FA0749</i> | <i>404389</i> | <i>6688918</i> | <i>9900</i> | <i>9880</i> | | <i>WPT</i> | | | | | | | <i>First proposed mill site condemnation hole on grid E edge of TM clearing at 9900E 9880N within alpine fir growth; old cat trail with grass and small fir ~ 3m to grid N may be possible; more open site at 9850E.</i> |
| FA0750 | 404351 | 6688659 | | | | WPT | | | | | | | Approximate middle of proposed tailings pond correlates to 9200N 10450E; walking back 9200N |
| <i>FA0751</i> | <i>404383</i> | <i>6688883</i> | | | | <i>WPT</i> | | | | | | | <i>Fore sight of proposed mill site condemnation hole;proposed MSDH-1 collar at 9790N 9900E. No longer relevant as collar has moved. See station FA83</i> |
| FA0752 | 404320 | 6688692 | | | | WPT | | | | | | | Fore sight of proposed tailings site condemnation hole; TSDH-1 proposed collar at 9200N 10200E Collar locates 21m from the fore site at 315 degrees. |

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| FA0753 | 405121 | 6688912 | 11570 | 11592 | | GP | | | | | | | Gary Lee 1999 grid 5490N 500E=11607N 11640E on the 1986 grid; NB-later surveying identifies this site as 11592N, 11570E. Reason for discrepancy is 1999 grid not slope corrected. |
| FA0754 | 405213 | 6689011 | 11570 | 12055 | | WPT | | | | | | | This station locates 21.5m at 315 degrees from the galena pod noted in FA22. |
| FA0755 | 405184 | 6689064 | | | | CLS | | | | | | | Legal survey marker CLS1986 6L1004 & 6L1002, another CLS marker 15m north; claim posts between the two markers; claim tag on ground indicates post 1 YA99545 |
| FA0756 | 405196 | 6689080 | | | | OC | Mineralisation | VEIN | 70 | 85S | 2.1 | 0.18 | 18cm wide galena vein running down trench; sample tag 11713; vein trends 070/85S; galena pod 2.1 m strike by 0.18m width; disappears into narrow veinlets in structure to W and E; no previous CMC flagging in area |
| FA0757 | 404891 | 6689151 | | | | OC | Calc-silicate | | | | | | On top of knob west of M Zone; magnetic anomaly affects compass 35 degree west deflection; rock is epidote garnet diopside skarn with magnetite |
| FA0758 | 404907 | 6689168 | | | | OC | Granodiorite | | | | | | Locate pale green grey, fine grained intrusive; interlocked crystalline groundmass; <10% quartz, dominantly feldspar; no mafics visible; pale green coloured groundmass suggests rock is propylitically altered; |
| FA0759 | 404919 | 6689205 | | | | OC | Limestone | BED | 350 | 80E | | | Fetid limestone bed fine grained; micritic dark grey; |
| FA0760 | 404925 | 6689467 | | | | DDH | | | | | | | Collar DH 85-64 |
| FA0761 | 404913 | 6689120 | | | | WPT | | | | | | | <i>Waypoint was a fore sight for proposed M zone collar; collar has moved and this waypoint is no longer valid</i> |
| FA0762 | 404888 | 6689108 | | | | WPT | | | | | | | Fore sight for M Zone collar at 11500N 10700E; Collar locates 27.8m from fore sight at 135 degrees. |

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| FA0763 | 404955 | 6689121 | | | | WPT | | | | | | | Fore sight for M Zone collar at 11700N 10750E; Collar locates 16.85m from fore sight at 135 degrees. |
| FA0764 | 405196 | 6689034 | | | | WPT | | | | | | | Back sight for D Zone collar at 12055N 11545E; Collar locates 18m from back sight at 135 degrees |
| <i>FA0765</i> | <i>405122</i> | <i>6688956</i> | | | | <i>WPT</i> | | | | | | | <i>Back sight for D Zone collar. No longer relevant as collar has moved. See station FA82</i> |
| FA0766 | 405238 | 6689141 | 11300 | 12400 | | GP | | | | | | | 1986 grid picket 12400N 11300E |
| FA0767 | 405245 | 6689173 | | | | OC | | | | | | | Propylitic altered granodiorite with calc-silicate talus and scattered qtz vein breccia around high Zn/Pb soil anomaly located at 12400N 11250E. |
| FA0768 | 405024 | 6689000 | | | | OC | Mineralisation | VEIN | 225 | 70NW | 1.84 | 0.15 | 15cm x 184cm massive galena lens within rusty altered quartzose sediment, cuts across foliation and bedding; lens trends 225/70NW |
| FA0769 | 404794 | 6689442 | | | | FL | Mineralisation | VEIN | | | | | Grab of quartz vein breccia found within grey micritic, sparry limestone at bottom (west) of cliff; sub-cm galena blebs scattered at contacts of quartz vein and enclosed FeOx altered rock fragments; limestone is fetid; locates in area of anomalous geochem that is targeted for 2007 drill program; rock types are sediments/garnetiferous limestone/calc-silicate horizon/granitic sill/calc-silicate horizon/limestone as you traverse grid north to south; locates upslope from furthest grid north geochem hole |

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| FA0770 | 404785 | 6689438 | | | | FL | Mineralisation | VEIN | | | | | Abundant quartz breccia float material with sub-cm galena veinlets; locates ~ 7m grid north of FA69 and below prominent rusty gossan patch in limestone bluff; also lots of bladed or angel-wing calcite vein breccia; float spread over 25m grid N-S centred on grid 12000N, ~9550E; breccia is coincidental to limestone /altered granodiorite contact; vein occurs along contact? |
| FA0771 | 404772 | 6689452 | 9500 | 12000 | | GP | | | | | | | Locate 1986 picket 12000N 9500E |
| FA0772 | 404732 | 6689488 | 9250 | 12000 | | GP | | | | | | | 1986 grid picket 12000N 9300E; locates at South limit of veining; 2007 proposed DH is at 12000N 9250E. |
| FA0773 | 404695 | 6689529 | 9100 | 12000 | | GP | | | | | | | 1986 picket says 12000N 9200E but according to the geochem map and our measurements this station should be 12000N 9100E |
| FA0774 | 404929 | 6689107 | | | | DDH | | | | -45 | 4.87 | | Locate the hole in M Zone first referenced in FA34 |
| FA0775 | 405190 | 6688973 | | | | OC | Calc-silicate | FAULT | 335 | 74E | | | Near bedding parallel fault with minor galena pods exposed in trench following the fault; fault locates between the two D Zone collars approximately 11935N 10590E.; HW is comprised of sheared sediments for two metres (paper shale fabric); measurement along the MnOx stained FW is 335/74E |
| FA0776 | 404929 | 6689126 | | | | WPT | | | | | | | Fore sight for proposed M Zone DH at 11588N 10714E; DH targetting massive galena pod. Collar locates 27.7m from fore sight at 167 degrees. |
| FA0777 | 404775 | 6689358 | | | | OC | Limestone | BED | 355 | 68E | | | Locate garnet rich limestone bed as noted in FA69; possible marker horizon for the vein breccia? Bedding 355/68E |

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| FA0778 | 404799 | 6689400 | | | | OC | Mineralisation | GOSSAN | | | | | QV brx & xtalline QV stwk in dk brown to black gossan on HW side of limestone; garnet bed on FW; garnet/diopside calc-silicate horizon adjacent to limestone appears to be FW for the vein; gossan is a weathered Mn+Fe Ox cap with calcite & quartz crystal vuggy veining; galena pods are altering to anglesite; survey tag 700 plus several sample tags in trench, one with no.11506;appears to be replaced bed within limestone & of limited extent;cannot determine zone orientation unless further trenching undertaken;drilling under this cap is worthwhile; |
| FA0779 | 404827 | 6689362 | | | | OC | Vein | BRECCIA | | | | | same QV breccia horizon in FA79; <10m ~270 degrees from DH05-04 & trending through 05-04 collar to continue on trend to east with MnOx gossan on west side of S-Zone trench, about mid-trench. Fault surface at site, noted in FA38 trends 040/75E |
| FA0780 | 404703 | 6689348 | 9600 | 11600 | | GP | | | | | | | 1986 grid picket 11600N 9600E; hornfelsed quartzite outcrop with pyrrhotite located 10m W grid site had 1100ppm Zn in soil |
| FA0781 | 404470 | 6689321 | 9100 | 11000 | | GP | | | | | | | 1986 picket 11000N 9100E |
| FA0782 | 405151 | 6688946 | | | | WPT | | | | | | | Back sight for D Zone trench collar at 11725N 11606E; Collar locates 14.95m from back sight at 153 degrees |
| FA0783 | 404359 | 6688876 | | | | WPT | | | | | | | Fore sight of proposed mill site condemnation hole;proposed MSDH-1 collar at 9754N 9870E. Collar locates 17m from the fore site at 315 degrees. |
| FA0784 | 404249 | 6688931 | 9555 | 9580 | 4694 | DDH | | | 135 | -45 | 85 | | CMC SH 07-01 collar, -45, 135 az, 85m length;twinning hole 85-07 |
| FA0785 | 404353 | 6688894 | 9870 | 9755 | 4720 | DDH | | | 135 | -48 | 117 | | CMC SH07-02 collar; -48, 135 az, 117m length;mill site condemnation hole |
| FA0786 | 404282 | 6688954 | 9676 | 9712 | 4709 | DDH | | | 135 | -45 | 86 | | CMC SH07-03 collar, -45, 135 az, 86m length, twinning of 85-06 |

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| FA0787 | 404924 | 6689144 | | | | OC | GOSSAN | | | | | | NW side of Mn gossan hanging wall to possible third vein of M zone; measures 44m at 345 degrees from proposed collar |
| FA0788 | 404183 | 6688934 | | | | SP | | | | | | | 1986 survey station ST-2;for use in georegistration of maps |
| FA0789 | 404137 | 6688930 | | | | DDH | | | | | | | Collar 87-78;for use in georegistration of maps |
| FA0790 | 404121 | 6688902 | | | | DDH | | | | | | | Collar 87-79;for use in georegistration of maps |
| FA0791 | 404063 | 6688962 | | | | DDH | | | | | | | Collar 87-81;for use in georegistration of maps |
| FA0792 | 404188 | 6688807 | | | | WPT | | | | | | | Quanset hut;for use in georegistration of maps |
| FA0793 | 404284 | 6688785 | 9350 | 10000 | 9350 | GP | | | | | | | 1986 grid picket 10000E, 9350N;for use in georegistration of maps |
| FA0794 | 404327 | 6688818 | 9550 | 10000 | 9550 | GP | | | | | | | 1986 grid picket 10000E, 9550N;for use in georegistration of maps |
| FA0795 | 404363 | 6688854 | 9700 | 10000 | 9700 | GP | | | | | | | 1986 grid picket 10000E, 9700N;for use in georegistration of maps |
| FA0796 | 404438 | 6689042 | | | | DDH | | | | | | | Collar 85-23;for use in georegistration of maps |
| FA0797 | 404417 | 6689065 | | | | DDH | | | | | | | Collar 85-24;for use in georegistration of maps |
| FA0798 | 404399 | 6689083 | | | | DDH | | | | | | | Collar 85-25;for use in georegistration of maps |
| FA0799 | 404391 | 6688991 | | | | SP | | | | | | | 1986 Survey Pin 25;for use in georegistration of maps |
| FA07100 | 404376 | 6688978 | | | | WPT | | | | | | | 1986 unlabelled ID Post?;for use in georegistration of maps Note: FA99 or FA100 is the ID post on SGH5.5 near hole 85-04 |
| FA07101 | 404331 | 6688995 | 9608 | 9930 | 4749 | DDH | | | 135 | -45 | 59 | | CMC SH07-04 collar, -45, 145 az, 59m length, twinning of hole 85-05 |
| FA07102 | 404314 | 6689016 | | | | DDH | | | | | | | Collar 85-20;for use in georegistration of maps |
| FA07103 | 404242 | 6688923 | | | | WPT | | | | | | | 1986 Pumphouse;for us in georegistration of maps |
| FA07104A | 404934 | 6689102 | 10708 | 11588 | 5000 | DDH | | | 345 | -50 | 62 | | CMC SH07-05 collar, -50, 345 az, 62m length;targetting M zone galena pod at 40 ft below surface |

2007 Silver Hart Field Notes Compiled Validated 15-Oct-07 by Farrell Andersen Karen Andersen

Note: These co-ords are based on a handheld GPS and best confidence is +/- 25m

Note: items in italics are GPS waypoints that are no longer relevant

| | | | | | | | |
|-------------|-------------|------------|-------------------------|-----------|-------------|-------------|--------------------|
| CHIP | Chip sample | CLS | Canada Legal Survey pin | CP | Claim Posts | DDH | Diamond Drill Hole |
| FL | Float | GC | Geochem | GP | Grid Picket | GRAB | Grab sample |
| OC | Outcrop | PDH | Percussion Drill Hole | SP | Survey Pin | TR | Trench |
| WPT | Waypoint | UDH | Unmarked drill hole | | | | |

| Station | UTM83E | UTM83N | GridE_ft | GridN_ft | Elev_ft | Type | Description | Structure | Azimuth | Dip | Length_m | Width_m | Comments |
|----------|--------|---------|----------|----------|---------|------|-------------|-----------|---------|-----|----------|---------|---|
| FA07104B | 404934 | 6689102 | 10708 | 11588 | 5000 | DDH | | | 345 | -70 | 80 | | CMC SH07-06 collar, -70, 345 az, 80m length;targetting M zone galena pod 60 ft below surface |
| FA07105 | 404911 | 6689079 | 10700 | 11493 | 4985 | DDH | | | 316 | -50 | 59 | | CMC SH07-07 collar, -50, 316 az, 59m length;tragetting south extension of M zone |
| FA07106 | 404965 | 6689117 | 10750 | 11700 | 4990 | DDH | | | 316 | -50 | 59 | | CMC SH07-08 collar, -50, 316 az, 59m length;targetting north extension of M zone |
| FA07107 | 405165 | 6689097 | | | | WPT | | | | | | | Back site for FA56 Zone collar 18.7m @ 135 degrees to collar |
| FA07108 | 405196 | 6688932 | 11670 | | 4895 | DDH | | | 240 | -47 | 59 | | CMC SH07-10 collar, -47, 060 az, 59m length;targetting D zone gossan repalced bed trending 330 |
| FA07109 | 405155 | 6688934 | 11606 | 11725 | 4900 | DDH | | | 152 | -47 | 50 | | CMC SH07-09 collar, -47, 152 az, 50m length;targetting interpreted 240 trending fault hosting D zone mineralisation |
| KT0701 | 404464 | 6689436 | | | | WPT | | | | | | | Junction to Caribou Lake;for use in georegistration of maps |
| KT0702 | 404679 | 6689555 | | | | WPT | | | | | | | Fork in road to back side of KL Zone;for use in georegistration of maps |
| KT0703 | 404992 | 6689497 | | | | WPT | | | | | | | South limit of KL trenching;for use in georegistration of maps |
| KT0704 | 404822 | 6689396 | | | | DDH | | | | | | | Collar 85-40;for use in georegistration of maps |
| FA07110 | 405166 | 6688912 | | | | CHIP | | | | | | | waypoint taken at 10m mark;4 representative 5m long chip samples collected along the 330 trending Mn gossan replaced LST horizon in the D zone trench |
| FA07111 | 405152 | 6688914 | | | | GRAB | | | | | | | random grab of Mn+Fe ox gossan with calcite+quartz veining south of D zone replaced body;botyroidal Mn texture+drusy vugs+leached skeletal fabric |

2007 Silver Hart Field Notes Compiled Validated 15-Oct-07 by Farrell Andersen Karen Andersen

Note: These co-ords are based on a handheld GPS and best confidence is +/- 25m

Note: items in italics are GPS waypoints that are no longer relevant

| | | | | | | | |
|-------------|-------------|------------|-------------------------|-----------|-------------|-------------|--------------------|
| CHIP | Chip sample | CLS | Canada Legal Survey pin | CP | Claim Posts | DDH | Diamond Drill Hole |
| FL | Float | GC | Geochem | GP | Grid Picket | GRAB | Grab sample |
| OC | Outcrop | PDH | Percussion Drill Hole | SP | Survey Pin | TR | Trench |
| WPT | Waypoint | UDH | Unmarked drill hole | | | | |

| Station | UTM83E | UTM83N | GridE_ft | GridN_ft | Elev_ft | Type | Description | Structure | Azimuth | Dip | Length_m | Width_m | Comments |
|---------|--------|---------|----------|----------|---------|------|-------------|-----------|---------|-----|----------|---------|---|
| FA07112 | 405142 | 6688877 | | | | GRAB | | | | | | | random grab from gossan and qz veining in 240 trending fault in south end of D zone trench;some pieces of gossan still have remnant LST supporting replaced body theory;fault trends 224/68NW |
| FA07113 | 405228 | 6688996 | | | | CHIP | | | | | | | chip sample across J zone gossan;galena +sphalerite patches & stringers associated with a white qz+calcite filled structure trending 240/73NE |
| FA07114 | 405209 | 6689022 | 11545 | 12055 | | DDH | | | 136 | -47 | 70 | | CMC SH07-11 collar, -47, 136 az, 70m length;targetting J zone gossan |
| FA07115 | 405095 | 6689673 | | | | PDH | | | | | | | Collar 86-76;for use in georegistration of maps |
| FA07116 | 404980 | 6689586 | | | | PDH | | | | | | | Collar 86-65;for use in georegistration of maps |

Appendix II

2007 Silver Hart Drill Logs

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart Claim: CMC 28
 Target: Twinning of hole 85-7;1985 Lower TM Zone intercept of 2.4 ft @ 66.2 opt Ag, 23.9% Zn from 98 ft down hole
 Drill Hole: CMC SH07-01 Azimuth: 135 true Inclination: -45 Length: 85 m Hole Size: NQ2
 NAD83 E: 404249 NAD83 N: 6688931 Local Grid E: 9555 Local Grid N: 9580 Elevation: 4694 ft
 Start Date: 28-Jul-07 End Date: 29-Jul-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|---|------------|-----------------|------|----|------|------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 0-13 NO CORE-CASING | | | | | | | | | |
| 13 | | | | | 13-30.2 GRANODIORITE | | | | | | | | | |
| 14 | | | | | tan to green grey colour;mafics destroyed or altered to chlorite; | | | | | | | | | |
| 15 | | | | | variably altered, medium to coarse grained, inequigranular fel+qz+ | | | | | | | | | |
| 16 | | | | | mica groundmass with trace to 1% interstitial pyrite and pyrrhotite | | | | | | | | | |
| 17 | | | | | replacement of biotite;mod kaolinization/clay of feldspar;intense to strong | | | | | | | | | |
| 18 | | | | | fractured core with distinct igneous texture but blurry crystal boundaries; | | | | | | | | | |
| 19 | | | | | oxidised surfaces on fractures;clay cemented breccia intervals from | | | | | | | | | |
| 20 | CA | 30 | FRC | | 17.4-18.4m & 27.8-29.9m represent faulting-all contacts obliterated | | | | | | | | | |
| 21 | CA | 30 | FRC | | hairline to mm scale qz+bi+sulf (py) filled random fracturing for | | | | | | | | | |
| 22 | | | | | 10-15cm following silicified sections | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | NB: 30.2 is estimated contact for interval;core tube plugged with grey clay | 305901 | 24.1 | 24.8 | 7 | 0.03 | 0.14 | | | |
| 25 | | | | | 42cm of andesite clay recovered from tube on 12-Aug | 305902 | 24.8 | 25.8 | <2 | 0.03 | 0.14 | | | |
| 26 | | | | | | 305903 | 25.8 | 26.5 | 4 | 0.05 | 0.15 | | | |
| 27 | | | | | | 305904 | 26.5 | 27.5 | 5 | 0.04 | 0.12 | | | |
| 28 | | | | | | 305905 | BLANK | | | | | | | |
| 29 | | | | | | | QUARTZ MATERIAL | | | | | | | |
| 30 | | | | | 30.2-31.9 ANDESITE DYKE | | | | | | | | | |
| 31 | | | | | very fine grained soft black to grey sticky clay to 31m;fractured but | | | | | | | | | |
| 32 | | | | | cohesive core to 31.4m then clast supported brecciation with greenish | | | | | | | | | |
| | | | | | brown clay cement;all contacts obliterated | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-01

LOGGED BY: F. ANDERSEN

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|----|------|------------|---|---------------|------------------------|-------------|--------------|-------------|--------------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 32 | | | | | 31.9-33.5 GRANODIORITE | 305906 | 31.9 | 32.9 | 10 | 0.02 | 1.09 |
| 33 | CA | 50 | VEN | | tan to pale brown; mafics destroyed; strong fractured core with wk to mod | | | | | | |
| 34 | | | | | clay of feldspar; possibly wk potassic alteration leading up to silicification | | | | | | |
| 35 | | | | | before vein; mm scale ankerite/ferroan dolomite (siderite?) filling of | | | | | | |
| 36 | CA | 55 | GOU | | fractures; <2% py & po replaced biotite | 305907 | 32.9 | 33.5 | 31 | 0.08 | 0.21 |
| 37 | CA | 70 | GOU | | RECOVERY 305907=90% | | | | | | |
| 38 | CA | 45 | VEN | | | | | | | | |
| 39 | | | | | 33.5-34.15 VEIN | 305908 | 33.5 | 34.2 | 2069 | 2.75 | 28.28 |
| 40 | | | | | banded quartz + sphalerite with lensy py + cpy & network of silvery | | | | | | |
| 41 | | | | | galena; banding & contacts 50 to CA; | | | | | | |
| 42 | | | | | 35% SPH, 35% QTZ, 15% GAL, 5% PY, 3% CPY, 7% BI/CHL | | | | | | |
| 43 | | | | | RECOVERY 305908=93% | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | CA | 45 | GOU | | 34.15-76.75 GRANODIORITE | 305909 | 34.2 | 34.8 | 8 | 0.04 | 0.19 |
| 46 | CA | 75 | VEN | | pale brown/tan to greenish grey; variably altered; brecciated & silicified | | | | | | |
| 47 | | | | | at FW contact with VEIN ; several 5-15cm irregular spaced clay gouge | 305910 | STANDARD | | | | |
| 48 | | | | | zones & assoc. brecciation represents faulting; very strong pyrophyllite | | WCM PB121 | | | | |
| 49 | CA | 60 | GOU | | alteration of groundmass from 38-40m; | 305911 | 34.8 | 35.7 | 6 | 0.03 | 0.27 |
| 50 | | | | | mm to cm scale qz + sulf veinlets at 60-75 to CA from 41-47.2m, some | 305912 | 35.7 | 36.6 | <2 | 0.04 | 0.52 |
| 51 | | | | | bearing gal blebs and sph patches; core gets pale brown tint at 44m | | | | | | |
| 52 | | | | | & fractures are filled with pale orange/yellow soft mineral-appears to be | 305913 | 41 | 42 | <2 | 0.02 | 0.29 |
| 53 | | | | | ankerite (wk HCl reaction); short intervals of remnant biotite | 305914 | 42 | 43 | <2 | 0.03 | 0.32 |
| 54 | | | | | replaced by chl & minor py/po & feldspar altering to soft pale green clay | 305915 | BLANK | | | | |
| 55 | CA | 60 | VEN | | (saussiturization); | | QUARTZ MATERIAL | | | | |
| 56 | | | | | RECOVERY 305909=100% | | | | | | |
| 57 | | | | | | 305916 | 43 | 44 | 14 | 0.04 | 0.33 |
| 58 | | | | | | 305917 | 44 | 45 | 12 | 0.06 | 0.17 |
| 59 | | | | | | 305918 | 45 | 46 | 24 | 0.01 | 0.27 |
| 60 | CA | 60 | VEN | | NB Core box size is NQ not NQ2 and rubbly core spills into next row when | 305919 | 46 | 47 | 22 | 0.09 | 0.39 |
| | | | | | emptying tube; this occurred with the 32-33m interval getting rubbly material | | | | | | |
| | | | | | from mineralised section at 34m; all possible steps were taken to ensure sample | 305920 | STANDARD | | | | |
| | | | | | 305906 was not contaminated | | WCM PB121 | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-01

LOGGED BY: F. ANDERSEN

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | |
|---------|-----------|----|------|------------|---|------------|-----------------|-------|----|-------|------|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | |
| 60 | CA | 75 | GOU | | 34.15-76.75 GRANODIORITE | 305920 | STANDARD | | | | | |
| 61 | CA | 55 | VEN | | complete clay alteration of groundmass with wet sticky gouge zones from | | WCM PB121 | | | | | |
| 62 | | | | | 65.4-74.6m, then becoming clay groundmass supported breccia rubble | 305921 | 47 | 48 | <2 | 0.02 | 0.27 | |
| 63 | CA | 80 | VEN | | from 74.6-76.75m (fault zone);10cm gouge following QV at 69.05m; | | | | | | | |
| 64 | | | | | 40cm gouge at 74.6m | 305922 | 60 | 60.3 | 15 | <0.01 | 2.79 | |
| 65 | CA | 80 | VEN | | qz+ bi/chl + py vein at 60.15, 62.7, 63.3, 65.4 & 69.05m (all < 6cm wide, | 305923 | 60.3 | 61.5 | 3 | 0.03 | 0.09 | |
| 66 | | | | | all ~60 to CA);galena blebs in qv at 69.05m; | 305924 | 61.5 | 62.5 | 6 | 0.02 | 0.09 | |
| 67 | | | | | 2% py/po in groundmass | | | | | | | |
| 68 | | | | | | 305925 | BLANK | | | | | |
| 69 | | | | | | | QUARTZ MATERIAL | | | | | |
| 70 | | | | | | 305926 | 62.5 | 63.2 | 9 | 0.04 | 0.25 | |
| 71 | | | | | | 305927 | 63.2 | 63.5 | 27 | 0.11 | 2.72 | |
| 72 | | | | | | 305928 | 63.5 | 64.5 | <2 | <0.01 | 0.04 | |
| 73 | | | | | | | | | | | | |
| 74 | | | | | | 305929 | 68.85 | 69.35 | <2 | <0.01 | 0.01 | |
| 75 | | | | | | | | | | | | |
| 76 | CA | 60 | CON | | | 305930 | STANDARD | | | | | |
| 77 | | | | | 76.75-77.35 ANDESITE DYKE | | WCM PB121 | | | | | |
| 78 | | | | | 100% bluish grey clay with rare glassy quartz eyes as seen | | | | | | | |
| 79 | | | | | in ANDD uphole at 30.2m | | | | | | | |
| 80 | | | | | | | | | | | | |
| 81 | | | | | 77.35-85 GRANODIORITE | | | | | | | |
| 82 | | | | | greyish green colour;fine grained equigranular quartz rich groundmass | | | | | | | |
| 83 | | | | | with 3% large (to 2 cm) wk clay altered zoned feldspar phenos and | | | | | | | |
| 84 | | | | | fragments;30cm section of glassy to grey vuggy quartz veining with drusy | | | | | | | |
| 85 | | | | | qz & py infill from 79.9m;<2% po & py blebs disseminated in groundmass; | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| EOH 85M | | | | | NB client chose not to conduct downhole surveys | | | | | | | |
| | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-01

LOGGED BY: F. ANDERSEN

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | | MINERALISATION | | | | | | | HOW | |
|--------|-------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|--|-----|--|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | BIO | CLA | SID | KFE | ANK | GAL | SPH | TET | CPY | PBO | ZNO | | | |
| 13 | 16.7 | GRDR | OXI | PAT | M | X | X | | X | | X | | | | | X | | | | | | | | | | | | |
| 16.7 | 18.3 | GRDR | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 18.3 | 19.7 | GRDR | BLE | PRV | S | X | X | | | | | | | | | X | | | | | | | | | | | | |
| 19.7 | 23.5 | GRDR | CHL | PAT | S | | X | | | | | | | | | X | | | | | | | | | | | | |
| 23.5 | 27.8 | GRDR | CHL | PRV | M | X | X | X | | | X | | | | | | | | | TR | | | | | | | DIS | |
| 24.3 | 26 | GRDR | OXI | FRC | S | | | | X | X | | | | | | | | | | | | | | | | | | |
| 26 | 27.6 | GRDR | SIL | PAT | S | | | X | | | X | | | X | X | | | | X | | | | | | | | | |
| 27.6 | 28.5 | GRDR | CLA | PRV | S | | | | | | | X | | | X | X | | | | | | | | | | | | |
| 28.5 | 30.2 | GRDR | BLE | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 30.2 | 31.9 | ANDD | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 31.9 | 33.5 | GRDR | SIL | PRV | S | X | | X | | | X | | | | | | | X | | | | | | | | | | |
| 33.5 | 34.2 | VEIN | | | | | | | | | | | | | | | | | | 15 | 40 | | 3 | | | | MAS | |
| 34.2 | 36.6 | GRDR | SIL | PRV | S | | | X | | | X | | | | | | | X | | TR | TR | | | | | | VEN | |
| 36.6 | 48 | GRDR | BLE | PAT | W | X | | X | | | X | | | | | X | X | | X | | | | | | | | | |
| 41.1 | 47.2 | GRDR | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | VEN | |
| 48 | 50.9 | GRDR | BLE | PRV | M | X | | X | X | | X | | | X | | X | X | | X | | | | | | | | | |
| 50.9 | 57 | GRDR | CHL | PAT | M | X | X | | | | X | X | | | X | X | | | | | | | | | | | | |
| 52.3 | 57 | GRDR | BLE | PAT | M | | | X | X | | X | | | X | | X | | | X | | | | | | | | | |
| 57 | 65.4 | GRDR | BLE | PRV | S | X | X | | X | | X | | | | X | X | | | | | | | | | | | | |
| 60.1 | 60.18 | VEIN | | | | | | | | | | | | | | | | | | 1 | 10 | | TR | | | | VEN | |
| 63.3 | 63.35 | VEIN | | | | | | | | | | | | | | | | | | 1 | 10 | | | | | | VEN | |
| 65.4 | 74.6 | GRDR | CLA | PRV | S | X | X | | | | X | | | | X | | | | | | | | | | | | | |
| 69.05 | 69.15 | VEIN | | | | | | | | | | | | | | | | | | TR | | | | | | | | |
| 74.6 | 76.75 | GRDR | CLA | PAT | S | X | | | X | | X | | | | | | | | | | | | | | | | | |
| 76.75 | 77.35 | ANDD | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 77.35 | 85 | GRDR | CHL | PRV | M | X | X | X | | | X | | | | | | | | | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC SH07-01

Logged by: K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|---------------|----------|-----------|---------|------|-------|--------|----------|-----------|-------|---|-----------|
| Casing | 0 | 13 | | | | | | | | | |
| 1 | 13 | 16 | 3 | 1.42 | 47 | 99 | 99 | 24 | 8 | | NQ2 |
| 1 | 16 | 19 | 3 | 2.87 | 96 | 99 | 99 | 83 | 28 | | NQ2 |
| 1, 2 | 19 | 22 | 3 | 2.98 | 99 | 34 | 11 | 155 | 52 | | NQ2 |
| 2, 3 | 22 | 25 | 3 | 2.96 | 99 | 39 | 13 | 126 | 42 | | NQ2 |
| 3 | 25 | 28 | 3 | 2.67 | 89 | 99 | 99 | 163 | 54 | | NQ2 |
| 3,4 | 28 | 31 | 3 | 1.95 | 65 | 99 | 99 | 13 | 4 | clay stuck in tube & 42cm retrieved on 12-Aug | NQ2 |
| 4 | 31 | 34 | 3 | 2.9 | 97 | 99 | 99 | 0 | 0 | | NQ2 |
| 4,5 | 34 | 37 | 3 | 2.8 | 93 | 99 | 99 | 43 | 14 | | NQ2 |
| 5 | 37 | 40 | 3 | 2.78 | 93 | 99 | 99 | 56 | 19 | | NQ2 |
| 6 | 40 | 43 | 3 | 2.88 | 96 | 99 | 99 | 109 | 36 | | NQ2 |
| 6,7 | 43 | 46 | 3 | 2.8 | 93 | 43 | 15 | 72 | 24 | | NQ2 |
| 7 | 46 | 49 | 3 | 2.77 | 92 | 42 | 15 | 97 | 32 | | NQ2 |
| 7,8 | 49 | 52 | 3 | 2.71 | 90 | 99 | 99 | 70 | 23 | | NQ2 |
| 8 | 52 | 55 | 3 | 2.85 | 95 | 99 | 99 | 63 | 21 | | NQ2 |
| 9 | 55 | 58 | 3 | 2.86 | 95 | 99 | 99 | 69 | 23 | | NQ2 |
| 9,10 | 58 | 61 | 3 | 2.88 | 96 | 58 | 20 | 88 | 29 | | NQ2 |
| 10 | 61 | 64 | 3 | 2.98 | 99 | 46 | 15 | 88 | 29 | | NQ2 |
| 10,11 | 64 | 67 | 3 | 2.99 | 100 | 20 | 7 | 211 | 70 | | NQ2 |
| 11 | 67 | 70 | 3 | 2.96 | 99 | 26 | 9 | 160 | 53 | | NQ2 |
| 11,12 | 70 | 73 | 3 | 2.92 | 97 | 99 | 99 | 115 | 38 | | NQ2 |
| 12 | 73 | 76 | 3 | 2.63 | 88 | 99 | 99 | 35 | 12 | | NQ2 |
| 12,13 | 76 | 79 | 3 | 2.99 | 100 | 99 | 99 | 112 | 37 | | NQ2 |
| 13,14 | 79 | 82 | 3 | 3 | 100 | 25 | 8 | 212 | 71 | | NQ2 |
| 14 | 82 | 85 | 3 | 3 | 100 | 21 | 7 | 145 | 48 | | NQ2 |

EOH

Total Metres 66.55
Total Recovery 92%

**CMC Metals Ltd.
Drill Log**

Property: SILVERHART Claim: CMC 27
 Target: Condemnation hole for proposed mill site;collar located south of Zn/Pb/Ag anomalous soil line due to pad requirements
 Drill Hole: CMC SH07-02 Azimuth: 135 Inclination: -48 Length: 117m Hole Size: NQ2
 NAD83 E: 404353 NAD83 N: 6688894 Local Grid E: 9870 Local Grid N: 9754 Elevation: 4720 ft
 Start Date: 31-Jul-07 End Date: 05-Aug-07 Drilled by: Bertram Drilling Co. Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | |
|--------|-----------|---------|------|------------|-------------|---|--------|-----------------|------|----|------|------|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | |
| | | | | | 0-6 | NO CORE-CASING | | | | | | | |
| | | | | | 6-9 | SOIL & CLAY-OVERBURDEN | | | | | | | |
| | | | | | 9-61 | FELDSPAR PORPHYRITIC GRANODIORITE/BIOTITE GRANODIORITE | | | | | | | |
| | | | | | | pale green to med green with sections of tan/brown colouring giving a mottled appearance;composition of qz+fel+bi, with biotite giving a speckled appearance to core when >10%;fine to med. grained with 2-10% cm sized zoned orthoclase & irregular shaped opaque quartz phenos;some sections of core appear to be weakly foliated-possibly an earlier phase GRDR;overall propylitic alteration with sections of bleached (argillic) alteration;brown/tan oxidation envelopes bleeding outwards from fractures/veinlets becoming potassic (albite?) altered envelopes from | 305937 | 9.5 | 11 | 2 | 0.02 | 0.15 | |
| | | | | | | chl/bi+qz+py fractures/veinlets after 26m;pervasive hairline to mm carbonate (calcite & dolomite) fracturing irregularly spaced throughout entire hole;trace to 1% diss. py in core, locally increasing to 2-3% with discontinuous py filled fractures & py selvages on qz veinlets; | 305931 | 11 | 12 | <2 | 0.02 | 0.2 | |
| | | | | | | occasional waxy black chlorite polished surfaces on some fractures associated with regions of non-rotated brecciation & crackle fracturing; | 305932 | 12 | 13 | <2 | 0.04 | 0.25 | |
| | | | | | | indicates slight movement along fracture planes; | 305933 | 13 | 14 | <2 | 0.03 | 0.17 | |
| | | | | | | 9.5-15.5m is wkly silicified shown by mm scale white qz filled veinlets and vuggy gashes with drusy qz fill;this section has trace freibergite, 1% diss. galena & within the Mn stained sections, occasional sphalerite | 305934 | 14 | 15 | <2 | 0.02 | 0.09 | |
| | | | | | | 2-5cm friable clay altered bands at 55.6,56.1 & 6.7m,coincidental with | 305935 | BLANK | | | | | |
| | | | | | | | | QUARTZ MATERIAL | | | | | |
| | | | | | | | 305936 | 15 | 15.5 | <2 | 0.03 | 0.14 | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-02

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|-----------------|-----------|---------|------|------------|---|------------|------|----|----|----|----|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | strong bleaching & sericite alteration of groundmass; | | | | | | | | | |
| | | | | | 61-82.5 FOLIATED GRANODIORITE/TONALITE | | | | | | | | | |
| | | | | | GRDR appears foliated from 61 to 85.2m, 45 to CA;dolomite veining is thicker in this interval & weak clay alteration of feldspar in groundmass is evident;also have grey glassy qz eyes 4-8mm size and less biotite;from 78-80.5m qz >cb in veinlets, py content increases & pyritic cores are common to qz veinlets; | | | | | | | | | |
| | | | | | 82.5-117 FELDSPAR PORPHYRITIC GRANODIORITE/BIOTITE GRANODIORITE | | | | | | | | | |
| | | | | | back into chloritic/propylitic altered GRDR | | | | | | | | | |
| | | | | | 90.65m trace diss galena intergrown with py & along the py selvage of a 2mm qz veinlet 90 to CA | | | | | | | | | |
| | | | | | NO MAJOR MINERALISATION;TRACE GALENA, FREIBERGITE & SPHALERITE AT START OF HOLE | | | | | | | | | |
| EOH 117M | | | | | | | | | | | | | | |
| | | | | | NB client chose not to conduct down hole surveys | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-02Logged by: K Andersen

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|---------------|-----------|
| | 0 | 6 | | | | | | | | | |
| | | | | | | | | | | Casing | |
| 1 | 6 | 9 | 3 | 0.90 | 30 | 99 | 99 | 0 | | Overburden | NQ2 |
| 1 | 9 | 12 | 3 | 2.59 | 86 | 99 | 99 | 95 | 32 | | NQ2 |
| 1/2 | 12 | 15 | 3 | 2.98 | 99 | 99 | 99 | 186 | 62 | | NQ2 |
| 2 | 15 | 18 | 3 | 3.04 | 101 | 44 | 14 | 134 | 45 | | NQ2 |
| 2/3 | 18 | 21 | 3 | 2.94 | 98 | 30 | 10 | 152 | 51 | | NQ2 |
| 3 | 21 | 24 | 3 | 2.93 | 98 | 22 | 8 | 233 | 78 | | NQ2 |
| 3/4 | 24 | 27 | 3 | 2.97 | 99 | 28 | 9 | 159 | 53 | | NQ2 |
| 4 | 27 | 30 | 3 | 2.98 | 99 | 31 | 10 | 162 | 54 | | NQ2 |
| 5 | 30 | 33 | 3 | 2.98 | 99 | 99 | 99 | 58 | 19 | | NQ2 |
| 5/6 | 33 | 36 | 3 | 2.98 | 99 | 36 | 12 | 137 | 46 | | NQ2 |
| 6 | 36 | 39 | 3 | 2.87 | 96 | 39 | 14 | 149 | 50 | | NQ2 |
| 6/7 | 39 | 42 | 3 | 2.95 | 98 | 34 | 12 | 174 | 58 | | NQ2 |
| 7 | 42 | 45 | 3 | 2.92 | 97 | 50 | 17 | 94 | 31 | | NQ2 |
| 7/8 | 45 | 48 | 3 | 2.86 | 95 | 38 | 13 | 157 | 52 | rubble zone | NQ2 |
| 8 | 48 | 51 | 3 | 2.78 | 93 | 44 | 16 | 78 | 26 | rubble zone | NQ2 |
| 8/9 | 51 | 54 | 3 | 3.02 | 101 | 31 | 10 | 153 | 51 | | NQ2 |
| 9 | 54 | 57 | 3 | 3.03 | 101 | 59 | 19 | 73 | 24 | rubble zone | NQ2 |
| 9/10 | 57 | 60 | 3 | 2.98 | 99 | 32 | 11 | 159 | 53 | | NQ2 |
| 10 | 60 | 63 | 3 | 3.05 | 102 | 28 | 9 | 201 | 67 | | NQ2 |
| 11 | 63 | 66 | 3 | 2.96 | 99 | 23 | 8 | 178 | 59 | | NQ2 |
| 11/12 | 66 | 69 | 3 | 3.01 | 100 | 17 | 6 | 260 | 87 | | NQ2 |
| 12 | 69 | 72 | 3 | 2.95 | 98 | 16 | 5 | 236 | 79 | | NQ2 |
| 12/13 | 72 | 75 | 3 | 3.00 | 100 | 18 | 6 | 253 | 84 | | NQ2 |
| 13 | 75 | 78 | 3 | 2.99 | 100 | 34 | 11 | 168 | 56 | rubble zone | NQ2 |
| 13/14 | 78 | 81 | 3 | 2.98 | 99 | 22 | 7 | 215 | 72 | | NQ2 |
| 14 | 81 | 84 | 3 | 3.08 | 103 | 17 | 6 | 211 | 70 | | NQ2 |
| 14/15 | 84 | 87 | 3 | 3.00 | 100 | 25 | 8 | 205 | 68 | | NQ2 |
| 15 | 87 | 90 | 3 | 3.10 | 103 | 20 | 6 | 238 | 79 | | NQ2 |
| 15/16 | 90 | 93 | 3 | 3.10 | 103 | 45 | 15 | 254 | 85 | | NQ2 |
| 16 | 93 | 96 | 3 | 2.97 | 99 | 24 | 8 | 48 | 16 | | NQ2 |
| 16/17 | 96 | 99 | 3 | 2.94 | 98 | 13 | 4 | 226 | 75 | | NQ2 |
| 17 | 99 | 102 | 3 | 2.97 | 99 | 23 | 8 | 149 | 50 | | NQ2 |
| 17/18 | 102 | 105 | 3 | 3.00 | 100 | 23 | 8 | 174 | 58 | | NQ2 |
| 18 | 105 | 108 | 3 | 3.00 | 100 | 18 | 6 | 223 | 74 | rubble zone | NQ2 |
| 18/19 | 108 | 111 | 3 | 3.04 | 101 | 14 | 5 | 249 | 83 | | NQ2 |
| 19 | 111 | 114 | 3 | 3.02 | 101 | 26 | 9 | 176 | 59 | | NQ2 |
| 19/20 | 114 | 117 | 3 | 3.00 | 100 | 15 | 5 | 222 | 74 | | NQ2 |

EOH

Total Metres 107.86

Total Recovery 97%

**CMC Metals Ltd.
Drill Log**

Property: SILVERHART

Claim: CMC 27

Target: Twinning hole 85-6;1985 Lower TM zone intercepts of 0.7ft @ 21.2 opt Ag & 19.8% Zn from 79.5 ft & 1.3ft @ 79.4 opt Ag & 18.6% Zn from 93.7 ft down hole

Drill Hole: CMC SH07-03 Azimuth: 135 true Inclination: -45 Length: 86m Hole Size: NQ2

NAD83 E: 404282 NAD83 N: 6688954 Local Grid E: 9676 Local Grid N: 9712 Elevation: 4709 ft

Start Date: 06-Aug-07 End Date: 08-Aug-07 Drilled by: Bertram Drilling Co. Logged by: Farrell Andersen

Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|------|-----|-------|------|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | |
| 7 | | | | | 0-7 NO CORE-CASING | | | | | | | |
| 8 | CA | 65 | GOU | | 7-8 FRESH GRANODIORITE (BOULDER) | | | | | | | |
| 9 | | | | | | 305938 | 16 | 17 | 3 | 0.01 | 0.15 | |
| 10 | | | | | 8-30.5 GRANODIORITE | 305939 | 18 | 19 | 5 | 0.02 | 0.15 | |
| 11 | | | | | pale green grey colour;med grained, inequigranular fel+qz+bi;biotite | | | | | | | |
| 12 | | | | | in groundmass altering to pyrophyllite & chlorite;feldspars wk to mod | 305940 | STANDARD | | | | | |
| 13 | CA | 70 | GOU | | kaolinized or sericitised;occasional interstitial epidote;core is variably | | WCM PB121 | | | | | |
| 14 | | | | | altered & oxidised;trace to 1% diss py in groundmass and 1% py along | 305941 | 20 | 21 | <2 | 0.02 | 0.1 | |
| 15 | | | | | margins of randomly scattered & oriented quartz veinlets;trace isolated | 305942 | 22 | 23 | 3 | 0.03 | 0.17 | |
| 16 | | | | | gal diss in groundmass;oxidised surfaces on fractures strong to 18m & | 305943 | 24.5 | 25.5 | 17 | 0.02 | 0.24 | |
| 17 | | | | | patchy after;cm scale Fe+Mn Ox envelopes bleeding into unoxidised core; | 305944 | 25.5 | 26.4 | 47 | <0.01 | 0.05 | |
| 18 | | | | | clay gouge zones to 15cm width at 8.2m (65 to CA);13.5m(70 to CA); | | | | | | | |
| 19 | | | | | 21.3m(60 to CA) & 26.7m(75 to CA); | 305945 | BLANK | | | | | |
| 20 | | | | | qz+py+sph+gal veinlets from 26.4-30.5m;larger veinlets at 27.9m (3cm qz+ | | QUARTZ MATERIAL | | | | | |
| 21 | CA | 60 | GOU | | py+sph+aspy+gal+cpy, 30 to CA) & at 29.6m (6cm qz+sph+aspy+py+gal, 6 | 305946 | 26.4 | 27 | 23 | 0.06 | 1.15 | |
| 22 | | | | | 60 to CA); 3 x 2mm qz+sph veinlets from 29.1-29.6m at low angles to CA | 305947 | 27 | 27.8 | <2 | 0.01 | 0.2 | |
| 23 | | | | | mm scale veinlets of dull, metallic black mineral-possibly freibergite, within | 305948 | 27.8 | 28.4 | 170 | 0.47 | 2.75 | |
| 24 | | | | | sample 305946 | 305949 | 28.4 | 29 | 4 | 0.08 | 1.54 | |
| 25 | | | | | | | | | | | | |
| 26 | CA | 75 | GOU | | | 305950 | STANDARD | | | | | |
| 27 | | | | | | | WCM PB121 | | | | | |
| 28 | CA | 30 | VEN | | | 305951 | 29 | 29.6 | 4 | 0.02 | 1.22 | |
| 29 | | | | | | 305952 | 29.6 | 30 | 178 | 0.04 | 5.16 | |
| 30 | | | | | | 305953 | 30 | 30.5 | <2 | 0.02 | 0.73 | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-03

LOGGED BY: Farrell Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|----|------|------------|--|---------------|------------------------|--------------|------|------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| 30 | CA | 70 | VEN | | 30.5-31.15 VEIN | 305954 | 30.5 | 31.15 | 2011 | 5.37 | 27.79 | | | |
| 31 | | | | | 45cm of banded qz+sph & patches of galena followed by 20cm of mottled | | | | | | | | | |
| 32 | | | | | white & grey opaque qz with silicified wall rock fragments; | 305955 | BLANK | | | | | | | |
| 33 | | | | | banding and contacts 70 to CA | | QUARTZ MATERIAL | | | | | | | |
| 34 | | | | | 25% SPH,45% QZ,12% GAL,8% PY,2% CPY, 8% BI/CHL | | | | | | | | | |
| 35 | | | | | RECOVERY 305953=108%; 305954=95%; | | | | | | | | | |
| 36 | CA | 60 | FLT | | | | | | | | | | | |
| 37 | | | | | 31.15-36.3 GRANODIORITE | 305956 | 31.15 | 31.5 | 13 | 0.11 | 0.35 | | | |
| 38 | CA | 70 | CON | | pale green, clay & sericite altered groundmass;remnant bi replaced by | 305957 | 31.5 | 32.5 | 5 | 0.01 | 0.44 | | | |
| 39 | | | | | minor py and pale grey mica (pyrophyllite); | 305958 | 32.5 | 33.5 | 3 | 0.01 | 0.5 | | | |
| 40 | | | | | trace diss gal & 3-5% py throughout core;15% of interval is qz veins to | 305959 | 33.5 | 34.5 | <2 | 0.05 | 0.23 | | | |
| 41 | | | | | 4cm widths;<2% sph associated with later stage qz+py veining cutting | | | | | | | | | |
| 42 | | | | | earlier qz+cb phase;minor Mn & Fe Ox on fracture surfaces | 305960 | STANDARD | | | | | | | |
| 43 | | | | | RECOVERY 305956=98% | | WCM PB121 | | | | | | | |
| 44 | | | | | 36.3-37.2 FAULT ZONE-GRANODIORITE | | | | | | | | | |
| 45 | | | | | pale yellow brown clay gouge matrix supported brecciated GRDR ;last | | | | | | | | | |
| 46 | | | | | 30cm is friable to highly fractured;upper contact planar 60 to CA;lower | | | | | | | | | |
| | | | | | contact rubbly & indistinguishable | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 37.2-38.4 GRANODIORITE | | | | | | | | | |
| | | | | | pale green grey;oxidised fracture surfaces;2% diss py | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 38.4-40.1 ANDESITE DYKE | | | | | | | | | |
| | | | | | dull black colour;soft clay altered very fine grained groundmass; | | | | | | | | | |
| | | | | | hbl phyric with rare mm feldspar phenos | | | | | | | | | |
| | | | | | contacts 70 to CA | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 40.1-46 GRANODIORITE | | | | | | | | | |
| | | | | | pale green colour;variable alteration-silicified after ANDD , then propylitic | | | | | | | | | |
| | | | | | with patchy bleached and possible albitised sections;strong clay altered | | | | | | | | | |
| | | | | | with several parallel (55 to CA) cm sized rubbly gouge bands from 45-46m; | | | | | | | | | |
| | | | | | occasional qz+py+chl stringer | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-03

LOGGED BY: Farrell Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|----|------|------------|--|------------|-----------------|------|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 46 | CA | 55 | FLT | | 46-46.8 FAULT ZONE | 305961 | 46 | 46.8 | <2 | <0.01 | 0.15 |
| 47 | | | | | relict igneous texture discernible in rubble section composed of 80% sticky cl | | | | | | |
| 48 | | | | | clay & 20% friable rubble;upper contact 55 to CA | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | | | | | 46.8-47.1 VEIN | 305962 | 46.8 | 47.1 | 4 | 0.03 | 1.03 |
| 51 | CA | 90 | VEN | | rubbly opaque quartz fragments and silicified granodiorite with 3mm | | | | | | |
| 52 | | | | | sphalerite band at lower contact | | | | | | |
| 53 | | | | | | 305963 | 47.1 | 47.6 | 5 | 0.05 | 0.2 |
| 54 | | | | | 47.1-80 GRANODIORITE | | | | | | |
| 55 | | | | | tan to green grey colour;variable alteration;feldspars altering to clays; | 305978 | 67 | 68 | <2 | <0.01 | <0.01 |
| 56 | | | | | biotite replaced by py/chl or pyrophyllite;start getting dolomite filled | 305979 | 68 | 69 | <2 | 0.02 | 0.08 |
| 57 | | | | | fracturing;randomly spaced and oriented quartz veinlets-often grey | 305964 | 69 | 70 | <2 | 0.02 | 0.05 |
| 58 | | | | | coloured from fine grained sulfide (py);wk foliation visible in less altered | | | | | | |
| 59 | | | | | rock;short sections of core,notably in 53-54.5m are very white & chalky- | 305965 | BLANK | | | | |
| 60 | | | | | possible albitisation or potassic altered (no magnetite or biotite noted); | | QUARTZ MATERIAL | | | | |
| 61 | | | | | trace diss galena in irregular shaped qz+py+sph veinlets cutting an | 305966 | 70 | 71 | <2 | 0.01 | 0.02 |
| 62 | | | | | earlier qz+cb set;10cm opaque QV with diss sphalerite at 50.7m;qz+ | 305967 | 71 | 72 | <2 | 0.05 | 0.37 |
| 63 | | | | | py+chl veinlets common after 58.5m;qz+sph veinlets from 71.6-71.75m | 305968 | 72 | 73 | <2 | 0.05 | 0.15 |
| 64 | | | | | 71.5-73m is network fracture zone with qz+py veins to 6cm width; | 305969 | 73 | 74 | <2 | 0.06 | 0.13 |
| 65 | | | | | 61.5-67m core is intensely clay (argillic) altered as seen in hole SH07-01; | | | | | | |
| 66 | | | | | sticky clay gouge with oxide staining from 66-66.5m;core becomes more | 305970 | STANDARD | | | | |
| 67 | | | | | competent after 67m due to fine qz stockworking leading into silicified | | WCM PB121 | | | | |
| 68 | | | | | GRDR from 69.5-80m-more intense sil sections have a finer grain sized | 305971 | 74 | 75 | 4 | 0.07 | 0.25 |
| 69 | | | | | groundmass;larger QV found from 74.2-74.6m;74.9-75.1m &76.55-76.7m; | 305972 | 75 | 76 | 4 | 0.03 | 0.54 |
| 70 | CA | 80 | BRX | | | 305973 | 76 | 77 | <2 | 0.03 | 0.34 |
| 71 | | | | | | 305974 | 77 | 78 | <2 | 0.02 | 0.41 |
| 72 | | | | | | | | | | | |
| 73 | | | | | | 305975 | BLANK | | | | |
| 74 | | | | | | | QUARTZ MATERIAL | | | | |
| 75 | | | | | | 305976 | 78 | 79 | <2 | <0.01 | 0.29 |
| 76 | | | | | | 305977 | 79 | 80 | 2 | 0.08 | 0.32 |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-03

LOGGED BY: Farrell Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | | |
|----------------|-----------|----|------|------------|--|------------|------|----|----|----|----|--|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | | |
| 77 | | | | | 80-81 FAULT | | | | | | | | | | |
| 78 | | | | | granodiorite core with clay altering fragments enclosed in sticky clay filled | | | | | | | | | | |
| 79 | | | | | fractures;very broken above & below zone | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | |
| 81 | | | | | 81-84.1 GRANODIORITE | | | | | | | | | | |
| 82 | | | | | It green with dk green mottling;very chloritised with mm scale carb fracturing | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | |
| 84 | CA | 70 | CON | | 84.1-86 ANDESITE DYKE | | | | | | | | | | |
| 85 | | | | | soft dry grey green clay to 84.5m then sticky clay stuck in tube;missing | | | | | | | | | | |
| 86 | | | | | approx 1.3m in tube | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| EOH 86M | | | | | NB client chose not to conduct down hole surveys | | | | | | | | | | |
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**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-03

LOGGED BY: F. Andersen

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | | MINERALISATION | | | | | | | | |
|--------|-------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|--|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | BIO | CLA | HEM | KFE | ANK | GAL | SPH | TET | CPY | PBO | ZNO | ARS | HOW | |
| 7.8 | 17 | GRDR | OXI | PRV | S | X | | | X | X | | | | | | X | | | | TR | TR | | TR | | | | DIS | |
| 17 | 20.6 | GRDR | CHL | PRV | M | X | X | | X | X | X | | | X | | X | | | | TR | TR | | TR | | | | DIS | |
| 20.6 | 23.1 | GRDR | OXI | PRV | S | X | X | | X | X | X | | | | | X | | | | TR | | | | | | | DIS | |
| 23.1 | 26.4 | GRDR | BLE | PRV | S | X | | | X | | X | | | | | X | X | | | | | | | | | | | |
| 26.4 | 31.3 | GRDR | SIL | PAT | M | | | | X | | | | | | | X | X | X | | 1 | 2 | | TR | | | | PAT | |
| 27.9 | 27.93 | VEIN | | | | | | | | | | | | | | | | | | 3 | 15 | | 1 | | | 5 | BAN | |
| 28.1 | 28.13 | VEIN | | | | | | | | | | | | | | | | | | 5 | 10 | | TR | | | 3 | BAN | |
| 29.6 | 30 | VEIN | | | | | | | | | | | | | | | | | | 2 | 10 | | | | | | BAN | |
| 30.5 | 31.15 | VEIN | | | | | | | | | | | | | | | | | | 10 | 45 | | TR | | | | MAS | |
| 31.3 | 38.4 | GRDR | BLE | PRV | S | X | X | | X | | X | | | | | X | X | | | TR | 1 | | | | | | VEN | |
| 32.5 | 35 | GRDR | SIL | PAT | M | X | X | X | | | X | | | | | X | | | | | | | | | | | | |
| 36.2 | 37.2 | FALT | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 38.4 | 40.1 | ANDD | CLA | PRV | M | | | | | | | | | | | X | | | | | | | | | | | | |
| 40.1 | 41.7 | GRDR | CHL | PRV | S | X | X | | | | X | | | X | X | | | | | | | | | | | | | |
| 41.7 | 42.5 | GRDR | SIL | PRV | M | | | | X | | | | | | | | X | X | | | | | | | | | | |
| 42.5 | 46 | GRDR | BLE | PRV | S | X | | | | X | | | | | | X | | | | | TR | | | | | | DIS | |
| 46 | 46.8 | GRDR | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 46.8 | 47.1 | VEIN | | | | | | | | | | | | | | | | | | TR | 3 | | | | | | BAN | |
| 47.1 | 48.1 | GRDR | SIL | PRV | S | X | | | X | X | | | | | | X | | | | | | | | | | | | |
| 48.1 | 54 | GRDR | BLE | PAT | M | | | | | | X | | | | | | | | | | TR | | | | | | DIS | |
| 50 | 54 | GRDR | SIL | PAT | M | X | | | X | X | | | | | | | | X | | TR | TR | | | | | | DIS | |
| 54 | 57 | GRDR | CHL | PAT | S | X | | | | | X | | | X | | | X | | | | | | | | | | | |
| 57 | 62 | GRDR | BLE | PAT | M | X | X | | | | X | | | | | X | | | | | | | | | | | | |
| 59.5 | 60.2 | GRDR | SIL | PRV | S | | | | X | | | | | | | | X | | | | | | | | | | | |
| 60.8 | 67 | GRDR | CHL | PAT | M | X | X | | | | X | | | X | | X | | | | | | | | | | | | |
| 62 | 67 | GRDR | CLA | PAT | S | X | X | | | | | | | | | X | | | | | | | | | | | | |
| 67.5 | 70 | GRDR | SIL | PRV | S | | | | X | X | X | | | | | | | | | | | | | | | | | |
| 70 | 80 | GRDR | SIL | PAT | S | | | | X | X | X | | | | | | | | | | TR | | | | | | VEN | |
| 80 | 81 | FALT | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
| 81 | 84 | GRDR | CHL | PRV | S | X | X | | | | X | | | X | | | | | | | | | | | | | | |
| 84 | 86 | ANDD | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-03

Logged by: K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|--------------------|-----------|
| | 0 | 7 | | | | | | | | Casing | |
| 1 | 7 | 8 | 1 | 0.85 | 85 | 14 | 16 | 40 | 40 | | NQ2 |
| 1 | 8 | 11 | 3 | 2.10 | 70 | 34 | 16 | 46 | 15 | | NQ2 |
| 1/2 | 11 | 14 | 3 | 2.90 | 97 | 42 | 14 | 94 | 31 | | NQ2 |
| 2 | 14 | 17 | 3 | 2.91 | 97 | 56 | 19 | 111 | 37 | | NQ2 |
| 2/3 | 17 | 20 | 3 | 2.99 | 100 | 26 | 9 | 180 | 60 | | NQ2 |
| 3 | 20 | 23 | 3 | 2.88 | 96 | 52 | 18 | 65 | 22 | | NQ2 |
| 3/4 | 23 | 26 | 3 | 2.86 | 95 | 49 | 17 | 91 | 30 | | NQ2 |
| 4 | 26 | 29 | 3 | 2.89 | 96 | 38 | 13 | 105 | 35 | | NQ2 |
| 4/5 | 29 | 32 | 3 | 2.90 | 97 | 37 | 13 | 145 | 48 | | NQ2 |
| 5/6 | 32 | 35 | 3 | 2.97 | 99 | 40 | 13 | 119 | 40 | | NQ2 |
| 6 | 35 | 38 | 3 | 3.02 | 101 | 50 | 17 | 21 | 7 | | NQ2 |
| 6/7 | 38 | 41 | 3 | 2.99 | 100 | 99 | 99 | 50 | 17 | | NQ2 |
| 7 | 41 | 44 | 3 | 3.00 | 100 | 53 | 18 | 60 | 20 | | NQ2 |
| 7/8 | 44 | 47 | 3 | 3.05 | 102 | 99 | 99 | 0 | 0 | | NQ2 |
| 8 | 47 | 50 | 3 | 2.96 | 99 | 42 | 14 | 58 | 19 | | NQ2 |
| 8/9 | 50 | 53 | 3 | 2.97 | 99 | 35 | 12 | 150 | 50 | | NQ2 |
| 9/10 | 53 | 56 | 3 | 2.86 | 95 | 30 | 10 | 116 | 39 | | NQ2 |
| 10 | 56 | 59 | 3 | 3.09 | 103 | 28 | 9 | 194 | 65 | | NQ2 |
| 10/11 | 59 | 62 | 3 | 2.94 | 98 | 21 | 7 | 203 | 68 | | NQ2 |
| 11 | 62 | 65 | 3 | 2.96 | 99 | 23 | 8 | 152 | 51 | | NQ2 |
| 11/12 | 65 | 68 | 3 | 2.99 | 100 | 31 | 10 | 96 | 32 | | NQ2 |
| 12 | 68 | 71 | 3 | 2.91 | 97 | 25 | 9 | 193 | 64 | | NQ2 |
| 12/13 | 71 | 74 | 3 | 2.93 | 98 | 99 | 99 | 23 | 8 | | NQ2 |
| 13 | 74 | 77 | 3 | 3.05 | 102 | 99 | 99 | 107 | 36 | | NQ2 |
| 13/14 | 77 | 80 | 3 | 3.11 | 104 | 29 | 9 | 116 | 39 | | NQ2 |
| 14/15 | 80 | 83 | 3 | 3.10 | 103 | 99 | 99 | 85 | 28 | | NQ2 |
| 15 | 83 | 86 | 3 | 1.75 | 58 | 99 | 57 | 35 | 12 | 1.3m stuck in tube | NQ2 |

EOH

Total Metres 75.9

Total Recovery 96%

**CMC Metals Ltd.
Drill Log**

Property: SILVER HART

Claim: CMC 27

Target: Twinning hole 85-5;1985 TM zone intercepts form 109-130 ft down hole include: 1.0ft @ 4.9 opt Ag/14.8% Zn; 2.7 ft @ 1.9 opt Ag/4.6% Zn;1.7 ft @ 8.4 opt Ag/13.7% Zn

Drill Hole: CMC SH07-04 Azimuth: 135 Inclination: -45 Length: 59m Hole Size: NQ2

NAD83 E: 404331 NAD83 N: 6688995 Local Grid E: 9608 Local Grid N: 9930 Elevation: 4749ft

Start Date: 14-Aug-07 End Date: 16-Aug-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen

Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------|------|------|----|-------|------|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| 3 | | | | | 0-3 NO CORE-CASING | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | 3-36.7 GRANODIORITE | | | | | | | | | |
| 6 | | | | | It grey to pale greyish green, medium grained, inequigranular variably | | | | | | | | | |
| 7 | | | | | altered granodiorite;patches of remnant biotite within a dominantly | | | | | | | | | |
| 8 | | | | | chloritised to propylitised groundmass;upper section pervasively oxidised | | | | | | | | | |
| 9 | | | | | then isolated bands of FeOx after 9 m;strongly fractured & broken with | | | | | | | | | |
| 10 | | | | | increasing competency downhole becoming hairline cb+FeOx healed; | 305980 | STANDARD | | | | | | | |
| 11 | CA | 40 | FRC | | occasional rubbly to clay rich sections of cm scale magnitude; | | WCM PB121 | | | | | | | |
| 12 | | | | | yellowish brown clay is common on fracture surfaces; | | | | | | | | | |
| 13 | | | | | core appears to be regularly breaking along two opposing fracture sets, | | | | | | | | | |
| 14 | | | | | both at 55 to CA; | | | | | | | | | |
| 15 | | | | | trace to 1% diss py in groundmass,often replacing biotite | | | | | | | | | |
| 16 | | | | | 18.2-19.4m is very fractured to rubbly core representing a FAULT ZONE | 305981 | | 30.8 | 31.8 | <2 | 0.01 | 0.07 | | |
| 17 | | | | | 21.1-25.4m have minor quartz veining 70 & 90 to CA | 305982 | | 31.8 | 32.8 | <2 | <0.01 | 0.06 | | |
| 18 | CA | 60 | FLT | | from 21.6m mafics are destroyed and epidote + calcite veining is common; | | | | | | | | | |
| 19 | | | | | short intervals are dominated by pyrophyllite with minor remnant biotite | | | | | | | | | |
| 20 | | | | | 27.7m have <10cm of sticky white clay-rods stuck in hole at this point- | | | | | | | | | |
| 21 | CA | 70 | VEN | | coincides with strong argillised section of core to 29.1m | | | | | | | | | |
| 22 | | | | | start getting diss galena specks from 25m, becomes associated with solid | | | | | | | | | |
| 23 | CA | 55 | FRC | | white quartz veinlets at 33.2m & increases to 1% diss galena by 34m; | | | | | | | | | |
| 24 | CA | 55 | FRC | | | | | | | | | | | |
| 25 | CA | 90 | VEN | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-04

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|---------|------|------------|--|---------------|------------------------|-------------|-----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 27 | | | | | 3-36.7 GRANODIORITE | 305983 | 32.8 | 33.8 | <2 | 0.04 | 0.55 |
| 28 | | | | | 34.1m 2cm sph+qz in pervasive MnOx stained veinlet 50 to CA | 305984 | 33.8 | 34.7 | 5 | 0.06 | 2.02 |
| 29 | | | | | 34.35m 6mm wide vuggy qz veinlet pervasively MnOx stained 70 to CA | | | | | | |
| 30 | | | | | 34.4-34.6m sph+gal+aspy+qz banding/veining to cm size | 305985 | BLANK | | | | |
| 31 | | | | | 34.8m 6cm grey & white mottled QV with sphalerite patch 70 to CA | | QUARTZ MATERIAL | | | | |
| 32 | | | | | | 305986 | 34.7 | 35.7 | 5 | <0.01 | 1.39 |
| 33 | | | | | | 305987 | 35.7 | 36.7 | 3 | <0.01 | 0.69 |
| 34 | CA | 70 | VEN | | | | | | | | |
| 35 | CA | 70 | VEN | | 36.7-37.9 ANDESITE DYKE | | | | | | |
| 36 | CA | 75 | CON | | intense clay altered upper & lower planar contacts, 75 & 65 to CA; | 305988 | 36.7 | 37.9 | <2 | <0.01 | 0.99 |
| 37 | CA | 65 | CON | | 25cm of competent but fractured aphanitic black rock;strongly silicified | | | | | | |
| 38 | CA | 70 | VEN | | HW & FW granodiorite contacts indicate dyke is post granite; | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | CA | 60 | VEN | | | | | | | | |
| 41 | | | | | 37.9-39.8 GRANODIORITE | 305989 | 37.9 | 38.5 | 39 | 0.03 | 4.62 |
| | | | | | tan brown to orange-brown silicified GRDR with pervasive opaque white | | | | | | |
| | | | | | quartz veinlet stockwork & wavy dk brown to grey qz+py veins with patchy | 305990 | STANDARD | | | | |
| | | | | | sph+gal; | | WCM PB121 | | | | |
| | | | | | 38m 5cm qz+sph vein 70 to CA | 305991 | 38.5 | 39.2 | <2 | 0.02 | 0.2 |
| | | | | | 38.18m 4cm sph+qz vein 60 to CA | 305992 | 39.2 | 39.8 | 8 | <0.01 | 2.45 |
| | | | | | 38.37m 9cm QV 65 to CA | | | | | | |
| | | | | | 39.46m 1.5cm banded sph vein 85 to CA | | | | | | |
| | | | | | 39.5m 1cm ptigmatic sph vein | | | | | | |
| | | | | | RECOVERY 305992=102% | | | | | | |
| | | | | | | | | | | | |
| | | | | | 39.8-41 VEIN | | | | | | |
| | | | | | 95% white to off-white qz+sulfide;5% silicified GRDR fragments; | 305993 | 39.8 | 40.4 | 4 | <0.01 | 1.01 |
| | | | | | ribboned sphalerite banding & gal+sph patches throughout interval; | 305994 | 40.4 | 41 | 456 | 1.17 | 18.94 |
| | | | | | 40.55-40.85m massive sph+gal+qz zone,banding at 60 to CA | | | | | | |
| | | | | | RECOVERY 305993=100%; 305994=97%; | 305995 | BLANK | | | | |
| | | | | | | | QUARTZ MATERIAL | | | | |
| | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-04

LOGGED BY: F.Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|----------------|-----------|----|------|------------|---|---------------|------------------|-------------|----|-------|------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 41 | CA | 60 | CON | | 41-59 GRANODIORITE | 305996 | 41 | 41.6 | 4 | 0.02 | 0.73 |
| 42 | | | | | silicified FW to VEIN becoming bleached to argillised with patchy sections | 305997 | 41.6 | 42.6 | 2 | 0.07 | 0.67 |
| 43 | | | | | of dk green chlorite after biotite to 45m;intense clay alteration of | 305998 | 42.6 | 43.6 | <2 | <0.01 | 0.63 |
| 44 | | | | | groundmass at 42.5m due to intense fracturing;bleached & silicified | | | | | | |
| 45 | | | | | from 44.2-44.75m with cm scale opaque grey qz veinlets;igneous texture | | | | | | |
| 46 | | | | | distinct within chloritic sections, fuzzy to obscure in argillic sections; | | | | | | |
| 47 | | | | | remainder of hole from 45m is chloritic to propylitic altered with scattered | 305999 | 52 | 53 | <2 | <0.01 | 0.1 |
| 48 | | | | | qz+cb veinlets to 1cm size ~80 to CA;5cm clay gouge band 60 to CA at | | | | | | |
| 49 | | | | | 53.45m;1% py grains disseminated & interstitial to biotite/chlorite | 306000 | STANDARD | | | | |
| 50 | | | | | 52.3m 1cm black sulfide (py)+qz veinlet 70 to CA;rare opaque grey to | | WCM PB121 | | | | |
| 51 | | | | | white qz veinlets with py selvages within last 3m; | | | | | | |
| 52 | | | | | 52.8m 1.5cm vuggy clear qz veinlet | | | | | | |
| 53 | | | | | RECOVERY 305996=95% | | | | | | |
| 54 | | | | | NB 47-50m core tube empty & core jammed in barrel;lost ~1.5m | | | | | | |
| 55 | | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | | | | | | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | | | | | | | |
| EOH 59M | | | | | NB client chose not to conduct down hole surveys | | | | | | |
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**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-04

LOGGED BY: F. Andersen

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | | MINERALISATION | | | | | | |
|--------|------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | PSI | PYY | PYO | MAG | CRB | BIO | CLA | SID | KFE | ANK | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 3 | 9 | GRDR | OXI | PRV | S | | | X | | | | | | | | | | | | | | | | | | |
| 9 | 22 | GRDR | OXI | PAT | S | | | X | | | | | | | X | | | | | | | | | | | |
| 9 | 12.5 | GRDR | CHL | PAT | S | | X | | | | | | X | | | | | | | | | | | | | |
| 12.5 | 24.8 | GRDR | CHL | PRV | M | X | X | | | | X | | | | | | | | | | | | | | | |
| 24.8 | 25.7 | GRDR | SIL | PRV | S | | X | X | | | | | | | | | | | | | | | | | | |
| 18 | 19.4 | GRDR | CLA | PRV | M | | | X | | | | | | | X | | | | | | | | | | | |
| 17 | 17.3 | GRDR | CLA | PRV | S | | | X | | | | | | | X | | | | | | | | | | | |
| 20.9 | 21.2 | GRDR | SIL | PRV | M | | | X | X | | | | | | X | | | | | | | | | | | |
| 16 | 17.6 | GRDR | OXI | PRV | S | | | X | | | | | | | X | | | | | | | | | | | |
| 24.8 | 27.2 | GRDR | CHL | PRV | S | X | X | X | | | X | | | | | | | | | TR | | | | | DIS | |
| 27.2 | 29.1 | GRDR | BLE | PRV | S | X | | X | | | | | | | X | | | | TR | | | | | | DIS | |
| 29.1 | 30.8 | GRDR | CHL | PRV | S | | X | | | | | | X | | X | | | | TR | | | | | | DIS | |
| 30.8 | 36.7 | GRDR | BLE | PAT | M | X | X | | | | | | | X | X | | | | 1 | 2 | | | | | VEN | |
| 31.9 | 32.8 | GRDR | CHL | PRV | M | | X | X | | | X | | | X | X | | | X | | | | | | | | |
| 32.8 | 33.1 | GRDR | OXI | PAT | M | X | X | | | | | | | | | | | | TR | | | | | | DIS | |
| 33.8 | 36.7 | GRDR | SIL | PAT | M | X | | X | | | X | | | | | | | | 1 | 4 | | | | | VEN | |
| 36.7 | 37.9 | ANDD | CLA | PRV | S | | | | | | | | | | X | | | | | | | | | | | |
| 37.9 | 39.7 | GRDR | SIL | PRV | S | X | | X | X | | X | | | | X | | | | TR | 3 | | | | | VEN | |
| 39.7 | 41 | VEIN | | | | | | | | | | | | | | | | | 5 | 25 | | | | | BAN | |
| 41 | 41.4 | GRDR | SIL | PRV | S | X | | X | | | X | | | | | | | | | | | | | | | |
| 41.4 | 43.1 | GRDR | BLE | PRV | M | X | | X | X | | | | | | X | | | | | | | | | | | |
| 43.1 | 59 | GRDR | CHL | PRV | M | X | X | | | | X | | | X | X | X | | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-04

Logged by: K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 3 | 3 | | | | | | | Casing | |
| 1 | 3 | 5 | 2 | 1.83 | 92 | 99 | 99 | 30 | 15 | | NQ2 |
| 1/2 | 5 | 8 | 3 | 2.93 | 98 | 99 | 99 | 27 | 9 | | NQ2 |
| 2 | 8 | 11 | 3 | 2.78 | 93 | 99 | 99 | 61 | 20 | | NQ2 |
| 2/3 | 11 | 14 | 3 | 3.02 | 101 | 99 | 99 | 131 | 44 | | NQ2 |
| 3 | 14 | 17 | 3 | 2.81 | 94 | 99 | 99 | 116 | 39 | | NQ2 |
| 3/4 | 17 | 20 | 3 | 2.59 | 86 | 99 | 99 | 38 | 13 | | NQ2 |
| 4 | 20 | 23 | 3 | 3.00 | 100 | 99 | 99 | 68 | 23 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 2.77 | 92 | 44 | 16 | 112 | 37 | | NQ2 |
| 5 | 26 | 29 | 3 | 2.95 | 98 | 99 | 99 | 83 | 28 | | NQ2 |
| 6 | 29 | 32 | 3 | 2.94 | 98 | 99 | 99 | 123 | 41 | | NQ2 |
| 6/7 | 32 | 35 | 3 | 2.89 | 96 | 99 | 99 | 105 | 35 | | NQ2 |
| 7 | 35 | 38 | 3 | 3.00 | 100 | 99 | 99 | 69 | 23 | | NQ2 |
| 7/8 | 38 | 41 | 3 | 2.90 | 97 | 99 | 99 | 85 | 28 | | NQ2 |
| 8 | 41 | 44 | 3 | 2.94 | 98 | 99 | 99 | 40 | 13 | | NQ2 |
| 9 | 44 | 47 | 3 | 2.46 | 82 | 99 | 99 | 47 | 16 | | NQ2 |
| 9 | 47 | 50 | 3 | 1.42 | 47 | 99 | 99 | 46 | 15 | | NQ2 |
| 9/10 | 50 | 53 | 3 | 3.02 | 101 | 29 | 10 | 157 | 52 | | NQ2 |
| 10 | 53 | 56 | 3 | 2.94 | 98 | 99 | 99 | 141 | 47 | | NQ2 |
| 10/11 | 56 | 59 | 3 | 2.90 | 97 | 99 | 99 | 135 | 45 | | NQ2 |

EOH

Total Metres 52.09

Total Recovery 93%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart Claim: CMC27
 Target: Galena pod in M zone at ~40 feet below surface
 Drill Hole: CMC SH07-05 Azimuth: 345 Inclination: -50 Length: 62 Hole Size: NQ2
 NAD83 E: 404934 NAD83 N: 6689102 Local Grid E: 10708 Local Grid N: 11588 Elevation: 5000 ft
 Start Date: 17-Aug-07 End Date: 19-Aug-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|---|------------|------|------|----|-------|------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 0-3 NO CORE-CASING | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| | | | | | 3-5.8 CALC-SILICATE (SKARN 2006) | | | | | | | | | |
| 4 | | | | | dk green, fine to medium grained, granular diopside/hedenbergite+ | | | | | | | | | |
| | | | | | epidote+calcite+garnet with 2% diss py;cm scale qz vnlets+silicification | | | | | | | | | |
| 5 | | | | | in last metre;lower contact broken & rubbly;dk brown chocolate stain on fracture surfaces | 701001 | 5.1 | 5.8 | 87 | 0.38 | 0.81 | | | |
| 6 | CA | 50 | FRC | | | | | | | | | | | |
| | CA | 70 | BAN | | | | | | | | | | | |
| 7 | | | | | 5.8-11.9 MARBLE | | | | | | | | | |
| | | | | | variably mottled by brown garnet & pale green epidote;wollastonite+calcite | | | | | | | | | |
| | | | | | marble;commonly breaking 55 to CA;rare rubbly vnlets <1cm size of qz+ | | | | | | | | | |
| 8 | | | | | albite+FeOx,~20 to CA;open fracturing 50 to CA & marble banding | | | | | | | | | |
| | | | | | 70 to CA;trace galena specks associated with qz+chl+py+hem vnlets | | | | | | | | | |
| 9 | CA | 55 | FRC | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 10 | | | | | 11.9-15 CALC-SILICATE | | | | | | | | | |
| | | | | | as before + wollastonite;3-5% py/po blebs interstitial to diopside & diss | | | | | | | | | |
| | | | | | in matrix;core is silicified from 14.1-14.5m then py/po is oxidised & core | 701002 | 13.9 | 14.5 | <2 | <0.01 | 0.04 | | | |
| 11 | | | | | is stained pale brown;FeOx alteration front @14.5m;brown colour may | 701003 | 14.5 | 15 | 4 | 0.04 | 0.46 | | | |
| | | | | | also result from siderite replacement of calcite;minor Mn staining on | | | | | | | | | |
| 12 | CA | 30 | CON | | fracture surfaces & Mn+Fe Ox envelopes to quartz+calcite vnlets; | | | | | | | | | |
| | | | | | upper contact is undulating ~30 to CA;epidote banding cuts across contact | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 14 | | | | | RECOVERY 701003=98% | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-05

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|-----------|------------|------------|---|---------------|------------------------|--------------|-----|------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 15-15.7 SKARN | 701004 | 15 | 15.55 | 751 | 8.13 | 17.84 | | | |
| 15 | | | | | pervasively silicified calc-silicate with large FeOx patches at start & end of vein interval;core is mottled & non-sulfide rich to 15.1m,becoming | 701005 | BLANK | | | | | | | |
| 16 | CA | 75 | BAN | | massive interbanded galena/sphalerite/pyrite/grey quartz from 15.1-15.55m | | QUARTZ MATERIAL | | | | | | | |
| | CA | 75 | VEN | | 4cm solid py band at 15.35m indicates banding is 75 to CA; | | | | | | | | | |
| 17 | | | | | RECOVERY 701004=98% | | | | | | | | | |
| | CA | 70 | BAN | | | | | | | | | | | |
| 18 | | | | | 15.7-17.3 CALC-SILICATE | 701006 | 15.55 | 16.5 | 50 | 0.57 | 1.51 | | | |
| | | | | | 50cm of FeOx alteration;FW to SKRN is lighter brown in colour than HW & | 701007 | 16.5 | 17.3 | 6 | 0.1 | 0.5 | | | |
| 19 | CA | 70 | VEN | | is very fine grained & massive;grades into a thinly laminated green diopside/hedenbergite etc. calc-silicate @16.7m with open fracturing; | | | | | | | | | |
| 20 | | | | | epidote appears restricted to envelopes of qz+cc+hem+chl vnlets, all~75 to CA; | | | | | | | | | |
| | | | | | qz+ankerite vnlets to 1cm size with dk brown goethite+siderite envelopes | | | | | | | | | |
| 21 | | | | | | | | | | | | | | |
| | | | | | 17.3-18.3 SKARN | 701008 | 17.3 | 18.3 | 257 | 1.48 | 3.21 | | | |
| 22 | | | | | mottled brown/pale pink/pale yellow to cream, fine grained with banding 70 to CA;mm clear qz stockwork;sphalerite & patchy galena vnlets;6cm sph | | | | | | | | | |
| 23 | | | | | band at lower contact; | | | | | | | | | |
| | | | | | overall 1% gal & 3% sph | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| | | | | | 18.3-20.3 CALC-SILICATE | 701009 | 18.3 | 19.3 | <2 | 0.03 | 0.1 | | | |
| 25 | | | | | It brown to pink garnet bed becoming dk green hedenbergite/diopside+ calcite+epidote+garnet down hole;mottled greens and beige colours;trace | 701010 | STANDARD | | | | | | | |
| 26 | | | | | diss galena along selvages of qz+ankerite vnlets at 70 to CA | | WCM PB120 | | | | | | | |
| | CA | 25 | VEN | | | 701011 | 19.3 | 20.3 | 4 | 0.03 | 0.13 | | | |
| 27 | CA | 15 | VEN | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-05

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|-----------|-----------|-----------|------------|------------|---|---------------|------------------------|-------------|----|-------|------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| | | | | | 20.3-28.3 HORNFELED BIOTITE SCHIST | 701012 | 20.3 | 21.3 | <2 | <0.01 | 0.03 |
| | | | | | purplish hue to a dk greenish to bluish grey, fine grained siliceous, thinly | 701013 | 21.3 | 22.3 | <2 | <0.01 | 0.02 |
| | | | | | laminated, well foliated pyritic hornfelsed schist;short interbeds of | 701014 | 22.3 | 23.3 | <2 | <0.01 | 0.02 |
| | | | | | mottled calc-silicate;occasional clots & knots of opaque white quartz in both; | 701015 | BLANK | | | | |
| | | | | | 5% py/po as discontinuous veinlets & lenses with qz+chl+py vnlets cutting | | QUARTZ MATERIAL | | | | |
| | | | | | foliation;epidote gash fill starts at 26.4m,becoming patches down hole; | 701016 | 23.3 | 24.3 | <2 | <0.01 | 0.01 |
| | | | | | 10cm epidote patch at 28.2m marks a transition to a thick calc-silicate bed; | 701017 | 24.3 | 25.3 | <2 | <0.01 | 0.01 |
| | | | | | 26.6m 2cm vuggy qz+calcite veinlet 25 to CA | 701018 | 25.3 | 26.3 | <2 | <0.01 | 0.01 |
| | | | | | 10cm epidote patch at 28.2m marks a transition to a thick calc-silicate bed; | 701019 | 26.3 | 27 | <2 | <0.01 | 0.01 |
| | | | | | 26.6m 2cm vuggy qz+calcite veinlet 25 to CA | | | | | | |
| | | | | | | 701020 | STANDARD | | | | |
| | | | | | | | WCM PB120 | | | | |
| | | | | | 28.3-31.2 CALC-SILICATE | 701021 | 27 | 27.7 | <2 | <0.01 | 0.01 |
| 29 | | | | | med to fine grained granular pale pinkish brown garnet+wollastonite+quartz+ | 701022 | 27.7 | 28.3 | <2 | <0.01 | 0.02 |
| | | | | | feldspar;mm sized randomly oriented chlorite+actinolite fracturing causes | | | | | | |
| 30 | CA | 70 | VEN | | marble texture;pale brown garnet patches indicate a transition into | | | | | | |
| | | | | | hornfelsed biotite-quartz schist beds; | | | | | | |
| 31 | | | | | 7% diss po/py blebs & veinlets;trace to 1% diss cpy & trace galena | | | | | | |
| | | | | | 30.25m qz+cb veinlets with ribboned gal & sph blebs 70 to CA;cm scale | | | | | | |
| 32 | | | | | black chlorite envelope to veinlet | | | | | | |
| | | | | | | | | | | | |
| 33 | | | | | 31.2-34.6 BIOTITE QUARTZ SCHIST | | | | | | |
| | | | | | dk green to dk grey colour, well foliated feldspathic biotite/chlorite-quartz schist; | | | | | | |
| 34 | | | | | 5% pyrrhotite ribboned layers cutting foliation with magnetite selvages & black | | | | | | |
| | CA | 35 | FLT | | chl envelopes;calcite filled fracturing steadily increases towards contact with | | | | | | |
| 35 | | | | | calc-silicate at 34.6m;locally up to 10% py/po, mostly occurring parallel foliation | | | | | | |
| | | | | | | 701023 | 34.2 | 35 | <2 | <0.01 | 0.11 |
| | | | | | 34.6-34.8 FAULT | | | | | | |
| | | | | | dk orange-brown powdery coated fracture with slickensided surfaces 85 to CA; | | | | | | |
| | | | | | slip fracture cuts core 35 to CA;this fault truncates the narrow veins found on | | | | | | |
| | | | | | surface north of the galena pod & displaces the galena pod vein extension to the grid south | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-05

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | |
|---------|-----------|----|------|------------|--|------------|------------------------|------|----|-------|-------|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | |
| 34 | | | | | 34.8-61.3 INTERBEDDED CALC-SILICATE & BIOTITE-QUARTZ SCHIST | 701024 | 40 | 40.6 | <2 | <0.01 | <0.01 | |
| 35 | | | | | fine grained mottled & banded garnet+wollastonite+quartz+albite calc-silicate alternating with | | | | | | | |
| 36 | | | | | green to dk grey biotite-quartz schist;occasional cream coloured siliceous patches within | 701025 | BLANK | | | | | |
| 37 | CA | 30 | VEN | | schist;blood red hematite blebs & spots within the upper few metres of core & continuing | | QUARTZ MATERIAL | | | | | |
| 38 | | | | | within chlorite+magnetite selvages of calcite+quartz vnlets;common direction for vnlets is | 701026 | 40.6 | 41 | <2 | 0.05 | 0.05 | |
| 39 | | | | | 30 to CA;Mn & Fe Ox coating common on fracture surfaces to 47m; | 701027 | 41 | 42 | <2 | <0.01 | <0.01 | |
| 40 | | | | | trace cpy within hematite spots;1% cpy diss within hornfels from 38-38.2m | 701028 | 42 | 42.7 | <2 | <0.01 | <0.01 | |
| 41 | | | | | locally to 10% py within schist beds; usually 5% or less py as blebs & fracture fill | 701029 | 42.7 | 43.3 | <2 | <0.01 | <0.01 | |
| 42 | | | | | massive garnet beds 51-53m & 56-58.5m | | | | | | | |
| 43 | CA | 30 | VEN | | 40.7m 1cm qz+ank vnlet with trace gal & sph at selvage | 701030 | STANDARD | | | | | |
| 44 | CA | 10 | FRC | | 40.9m 6cm section of magnetite+chlorite+hematite vnlets | | WCM PB120 | | | | | |
| 45 | | | | | 43.5m trace diss gal, 5% py, within qz+ank vnlet 30 to CA | 701031 | 43.3 | 43.9 | <2 | 0.03 | 0.17 | |
| 46 | | | | | 44.2m slickensided surfaces plunge 40 to CA;fractures 10 to CA | 701032 | 43.9 | 44.5 | <2 | <0.01 | <0.01 | |
| 47 | | | | | 47-51m subparallel sub-cm cb+qz vnlets with chl+ep selvages form fracture zone | 701033 | 44.5 | 45.5 | <2 | <0.01 | 0.01 | |
| 48 | | | | | 53.6-54.3 pervasive clay altered matrix paralleling foliation seen above zone | | | | | | | |
| 49 | | | | | 53-59m randomly spaced & oriented calcite+pyrite vnlets; | | | | | | | |
| 50 | | | | | | | | | | | | |
| 51 | | | | | 61.3-62 HORNFESED SCHIST | | | | | | | |
| 52 | | | | | dk brown biotite spotting of a sericite+chlorite altered, well foliated & thinly laminated schist; | | | | | | | |
| 53 | | | | | clay altered fracturing predominates in last 10cm | | | | | | | |
| 54 | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | |
| EOH 62M | | | | | NB client chose not to conduct downhole surveys | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE:

LOGGED BY:

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | | MINERALISATION | | | | | | |
|--------|------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | HEM | CLA | SID | EPI | DOL | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 3 | 5.8 | CSIL | OXI | FRC | W | | | X | X | | | | | | | | | | | | | | | | | |
| 5.1 | 5.8 | CSIL | SIL | PAT | M | | X | X | X | | | | | | | | | | | | | | | | | |
| 5.8 | 11.9 | MARB | | | | | | | | | | | | | | | | | TR | | | | | | | DIS |
| 11.9 | 15 | CSIL | OXI | FRC | M | | | X | X | | | | | | | | | | | | | | | | | |
| 14.1 | 14.5 | CSIL | SIL | PRV | M | | X | | | | X | | | | | | | | | | | | | | | |
| 14.5 | 15 | CSIL | OXI | PRV | S | | | X | | X | X | | | | | X | | | | | | | | | | |
| 15 | 15.7 | SKRN | SIL | PRV | S | | X | X | | X | | | | | | | | | 5 | 15 | | | | | | BAN |
| 15.7 | 16.7 | CSIL | REP | PRV | M | | X | X | | X | | | | | | X | X | X | TR | TR | | | | | | DIS |
| 17.3 | 18.3 | SKRN | REP | PRV | S | | X | X | | X | X | | X | | | X | | X | 1 | 3 | | | | | | VEN |
| 18.3 | 20.3 | CSIL | | | | | | | | | | | X | | | | X | | TR | | | | | | | |
| 20.3 | 28.3 | SCHT | HFL | PAT | | | X | X | | X | X | X | X | | | | X | | | | | TR | | | | VEN |
| 28.3 | 31.2 | CSIL | | | | | | | | | | | X | | | | X | | TR | TR | | 1 | | | | VEN |
| 31.2 | 34.6 | SCHT | VEN | STK | M | | X | | | X | X | X | X | | | | | | | | | | | | | |
| 34.6 | 34.8 | FALT | OXI | FRC | S | | | X | | | | | | | | | | | | | | | | | | |
| 34.8 | 47 | CSIL | OXI | FRC | M | | | X | X | | | | | X | | | | | TR | TR | | | | | | VEN |
| 34.8 | 61.3 | SCHT | VEN | | W | | X | | | X | X | X | | X | | | | | TR | TR | | | | | | VEN |
| 34.8 | 61.3 | CSIL | | | | | | | | | | | X | | | | X | | | | | | | | | |
| 34.8 | 61.3 | SCHT | | | | | | | | | | | | | | | | | | | | TR | | | | DIS |
| 53 | 59 | SCHT | VEN | STK | W | | X | | | X | X | X | | X | | | | | | | | | | | | |
| 53.6 | 54.3 | FALT | CLA | PRV | S | | | | | | | | | | X | | | | | | | | | | | |
| 61.3 | 62 | SCHT | CLA | PAT | S | | | | | | | | | | X | | | | | | | | | | | |

Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-05

Logged by: K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 3 | 3 | | | | | | | Casing | |
| 1 | 3 | 5 | 2 | 1.53 | 77 | 99 | 99 | 0 | 0 | | NQ2 |
| 1/2 | 5 | 8 | 3 | 2.83 | 94 | 99 | 99 | 31 | 10 | | NQ2 |
| 2 | 8 | 11 | 3 | 2.78 | 93 | 37 | 13 | 116 | 39 | | NQ2 |
| 2/3 | 11 | 14 | 3 | 2.69 | 90 | 99 | 99 | 158 | 53 | | NQ2 |
| 3 | 14 | 17 | 3 | 2.63 | 88 | 99 | 99 | 74 | 25 | | NQ2 |
| 3/4 | 17 | 20 | 3 | 2.94 | 98 | 99 | 99 | 130 | 43 | | NQ2 |
| 4 | 20 | 23 | 3 | 3.01 | 100 | 23 | 8 | 206 | 69 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 3.03 | 101 | 26 | 9 | 167 | 56 | | NQ2 |
| 5 | 26 | 29 | 3 | 2.98 | 99 | 19 | 6 | 189 | 63 | | NQ2 |
| 5/6 | 29 | 32 | 3 | 2.92 | 97 | 99 | 99 | 187 | 62 | | NQ2 |
| 6 | 32 | 35 | 3 | 3.00 | 100 | 99 | 99 | 174 | 58 | | NQ2 |
| 6/7 | 35 | 38 | 3 | 2.97 | 99 | 99 | 99 | 137 | 46 | | NQ2 |
| 7 | 38 | 41 | 3 | 2.91 | 97 | 35 | 12 | 146 | 49 | | NQ2 |
| 7/8 | 41 | 44 | 3 | 2.86 | 95 | 21 | 7 | 146 | 49 | | NQ2 |
| 8 | 44 | 47 | 3 | 2.93 | 98 | 31 | 11 | 93 | 31 | | NQ2 |
| 8/9 | 47 | 50 | 3 | 3.02 | 101 | 14 | 5 | 238 | 79 | | NQ2 |
| 9 | 50 | 53 | 3 | 3.02 | 101 | 20 | 7 | 233 | 78 | | NQ2 |
| 10 | 53 | 56 | 3 | 2.97 | 99 | 99 | 99 | 104 | 35 | | NQ2 |
| 10/11 | 56 | 59 | 3 | 2.99 | 100 | 35 | 12 | 141 | 47 | | NQ2 |
| 11 | 59 | 62 | 3 | 2.92 | 97 | 99 | 99 | 213 | 71 | | NQ2 |

EOH

Total Metres 56.93
Total Recovery 96%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart

Claim: CMC27

Target: Galena pod in M zone at ~60 feet below surface

Drill Hole: CMC SH07-06 Azimuth: 345 Inclination: -70 Length: 80m Hole Size: NQ2

NAD83 E: 404934 NAD83 N: 6689102 Local Grid E: 10708 Local Grid N: 11588 Elevation: 5000 ft

Start Date: 23-Aug-07 End Date: 24-Aug-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen

Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|----|------|------------|---|------------|-----------------|------|-----|-------|------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 0-3.6 NO CORE-CASING | | | | | | | | | |
| 3 | | | | | 3.6-5.7 CALC-SILICATE | | | | | | | | | |
| | | | | | dk green, fine to medium grained, granular hedenbergite rich calc-silicate, | | | | | | | | | |
| 4 | | | | | weakly to non-calcareous; weakly foliated; hairline qz+cc vnlets with hem | | | | | | | | | |
| | CA | 80 | VEN | | selvages; dk brown rusty fracture surfaces; patchy silicified zones; | | | | | | | | | |
| 5 | | | | | 2% py diss in matrix; trace sph+gal in qz+ank veinlet 80 to CA at 4.6m | | | | | | | | | |
| | CA | 45 | CON | | | | | | | | | | | |
| 6 | | | | | 5.7-6.8 MARBLE | 701034 | 5.7 | 6.6 | <2 | <0.01 | 0.12 | | | |
| | | | | | pink hued with fine black (phlogopite) spotting in upper metre; wollastonite+ | | | | | | | | | |
| 7 | | | | | calcite with epidote spots & patches; lower contact very broken, upper | 701035 | BLANK | | | | | | | |
| | CA | 65 | BAN | | contact noted by brown clay band 45 to CA; | | QUARTZ MATERIAL | | | | | | | |
| 8 | | | | | fine grained galena at lower contact | | | | | | | | | |
| | CA | 80 | VEN | | | 701036 | 6.6 | 7 | 156 | 0.77 | 1.46 | | | |
| 9 | | | | | 6.8-11.7 CALC-SILICATE | 701037 | 7 | 8 | <2 | <0.01 | 0.04 | | | |
| | CA | 25 | VEN | | diopside+garnet banded calc-silicate with patches of dk green actinolite & | 701038 | 8 | 9 | <2 | <0.01 | 0.04 | | | |
| 10 | | | | | chlorite; banding is 65 to CA; patchy silicified sections with dk brown FeOx | 701039 | 9 | 10 | <2 | 0.01 | 0.09 | | | |
| | CA | 25 | VEN | | stained vuggy qz vnlets 80 to CA; 1-2% blebby py after 10.2m; | | | | | | | | | |
| 11 | | | | | 8.65m vuggy qz vnlet 80 to CA | 701040 | STANDARD | | | | | | | |
| | | | | | 9.55m vuggy qz vnlet 25 to CA | | WCM PB120 | | | | | | | |
| 12 | | | | | 10.4m MnOx stained vuggy qz vnlet with possible sph+gal | 701041 | 10 | 11 | <2 | <0.01 | 0.04 | | | |
| | | | | | 10cm pale green siliceous aphanitic section-not seen before-possibly | 701042 | 11 | 11.7 | <2 | <0.01 | 0.03 | | | |
| | | | | | rhyolite? | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-06

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|-------|-----|-------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| 11 | | | | | 11.7-13.1 MARBLE | | | | | | | | | |
| | CA | 70 | CON | | strong banding 50 to CA caused by pale yellow green epidote;upper contact | | | | | | | | | |
| 12 | CA | 50 | BAN | | 70 to CA marked by qz+cc vnlet;lower contact 65 to CA | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 13 | CA | 65 | CON | | 13.1-17.55 CALC-SILICATE | 701043 | 13.6 | 14.1 | <2 | <0.01 | 0.04 | | | |
| | | | | | diopside/hedenbergite+garnet+epidote in a marbled to spotted fabric;med to | 701044 | 14.1 | 15.1 | <2 | <0.01 | 0.02 | | | |
| 14 | | | | | fine grained with strong act+chl veinlets & banding;2% blebby py diss in | | | | | | | | | |
| | | | | | matrix, trace to 1% gal+sph within Mn stained qz vnlets with chl envelopes; | 701045 | BLANK | | | | | | | |
| 15 | | | | | cc+ank+qz vnlets start having cm scale bleached envelopes after 15.3m; | | QUARTZ MATERIAL | | | | | | | |
| | | | | | vnlets increase to 5/m towards contact;gal+sph present in vnlets | 701046 | 15.1 | 16.1 | <2 | 0.04 | 0.1 | | | |
| 16 | | | | | 16.7m 3mm sph band 75 to CA within zone of parallel qz+ank+gal veinlets; | 701047 | 16.1 | 17 | 10 | 0.15 | 0.2 | | | |
| | CA | 75 | VEN | | 10cm ankerite/dolomite envelope in core above sph band | 701048 | 17 | 17.55 | <2 | <0.01 | 0.1 | | | |
| 17 | | | | | unit becomes finer grained, pale brown coloured & pitted in appearance | | | | | | | | | |
| | CA | 65 | CON | | nearing contact with SKRN | | | | | | | | | |
| 18 | CA | 65 | CON | | RECOVERY 701048=100% | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 19 | CA | 50 | VEN | | 17.55-18.2 SKARN | 701049 | 17.55 | 18.2 | 605 | 1.36 | 21.62 | | | |
| | | | | | silicified calc-silicate with pervasive siderite(?) +MnOx replacement to 17.8m | | | | | | | | | |
| 20 | | | | | narrow ribboned galena vnlets within replaced interval; | 701050 | STANDARD | | | | | | | |
| | | | | | 20cm intermixed massive banded galena+sphalerite with 2cm massive py | | WCM PB120 | | | | | | | |
| | | | | | band, identical to intercept in SH07-05;strongly fractured core of massive qz | | | | | | | | | |
| | | | | | & dolomite to 18.2m;contacts of SKRN are 65 to CA | | | | | | | | | |
| | | | | | RECOVERY 701049=100% | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 18.2-19.6 SERICITE-QUARTZ SCHIST | 701051 | 18.2 | 18.8 | 63 | 0.43 | 3.28 | | | |
| | | | | | FW to SKRN is pervasive siderite(?) replacement grading downhole into | 701052 | 18.8 | 19.6 | 40 | 0.43 | 1.61 | | | |
| | | | | | sericitised quartzose schist-likely a hornfelsed biotite or chlorite feldspathic | 701053 | 19.6 | 20.6 | <2 | <0.01 | 0.07 | | | |
| | | | | | schist;patchy FeOx envelopes from qz+ank+py vnlets within sericitised core; | | | | | | | | | |
| | | | | | 18.4mm broken core with 1.5cm long piece of gal+sph | | | | | | | | | |
| | | | | | 18.8m 7mm sph vnlet with galena rims;vnlet is 50 to CA | | | | | | | | | |
| | | | | | 19m 2.5cm vuggy MnOx stained qz+ank vnlet with sph+gal | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-06

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|----|------|------------|---|---------------|--------------|-------------|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 20 | | | | | 19.6-37.3 HORNFELED SERICITE-QUARTZ SCHIST | 701054 | 20.6 | 21.6 | <2 | <0.01 | 0.04 |
| 21 | | | | | wk purplish hue + py indicates HFL;unit is cream & pale green soft clay | | | | | | |
| 22 | | | | | altering feldspathic quartz schist;foliation parallel lamination/bedding;slippery | 701055 | BLANK | | | | |
| 23 | CA | 60 | FOL | | feel to fracture surfaces (talcose);narrow limonitic envelopes around qz+py | | | | | | |
| 24 | | | | | vnlets;5-7% py found within lamina and ribboned within cc+clay vnlets;short | | | | | | |
| 25 | | | | | sections of silicification;vnlets become dolomitic & increase to cm scale by 21.6m; | | | | | | |
| 26 | CA | 45 | VEN | | 26.45m 6cm solid white QV 45 to CA | | | | | | |
| 27 | CA | 60 | VEN | | 26.8m 1.5cm solid white QV | | | | | | |
| 28 | | | | | 27.3-28.3m siliceous interbed | | | | | | |
| 29 | | | | | 35.9m spongy gouge band within parallel fractured zone 25 to CA | | | | | | |
| 30 | | | | | 36m magnetite within vnlet selvage;epidote appears as spots,patches & vnlets | | | | | | |
| 31 | | | | | | | | | | | |
| 32 | | | | | 37.3-51.7 CALC-SILICATE | | | | | | |
| 33 | | | | | 30cm pinkish brown garnet bed at start & garnet dominant after 41m;garnet+ | 701056 | 37.3 | 38 | <2 | <0.01 | 0.07 |
| 34 | | | | | feldspar+epidote+calcite+hedenbergite/diopside beds <1m thickness; | 701057 | 38 | 38.7 | <2 | <0.01 | 0.15 |
| 35 | | | | | 2% interstitial py;strongly developed MnOx on fracture surfaces due to selvages of | | | | | | |
| 36 | CA | 25 | GOU | | qz+cc vnlets subparallel to CA;hem+chl selvages also common to cc vnlets; | 701058 | 41.8 | 42.5 | <2 | <0.01 | <0.01 |
| 37 | | | | | 41.7-42.5m hem+cc distributed as patches & spots;py+trace cp in hem spots; | | | | | | |
| 38 | CA | 15 | FRC | | magnetite in selvages at 42.5m | | | | | | |
| 39 | | | | | 51-52m sub-cm qz+cc vnlets with black chl selvages | | | | | | |
| 40 | | | | | | | | | | | |
| 41 | | | | | | | | | | | |
| 42 | CA | 70 | VEN | | | | | | | | |
| 43 | | | | | | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | | | | | | | | | | | |
| 46 | | | | | | | | | | | |
| 47 | | | | | | | | | | | |
| 48 | | | | | | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-06

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|----------------|-----------|----|------|------------|--|------------|------------------|------|----|-------|------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 51 | CA | 50 | FRC | | 51.7-55.2 CALCAREOUS TALC/SERICITE SCHIST | 701059 | 53.7 | 54.3 | 15 | 0.02 | 0.05 |
| 52 | CA | 50 | VEN | | pale green calcareous talcose sericite schist with clay bands at 53.8, 53.9, 54.2 7 54.3m | | | | | | |
| 53 | | | | | 51.85m 20cm dolomitised envelope centred over a white clay vnlet zone 50 to CA; | 701060 | STANDARD | | | | |
| 54 | CA | 65 | VEN | | 53.4-53.95m HW silicification from a shear zone hosting py fractured QV 65 to CA | | WCM PB120 | | | | |
| 55 | | | | | 54.3-54.8m pyrophyllite alteration with fine grained galena or graphite flecks; | 701061 | 54.3 | 54.8 | <2 | <0.01 | 0.01 |
| 56 | CA | 15 | VEN | | | 701062 | 54.8 | 55.6 | <2 | <0.01 | 0.01 |
| 57 | | | | | | | | | | | |
| 58 | | | | | 55.2-62.9 BIOTITE SCHIST-SERICITISED | 701063 | 55.6 | 56.2 | <2 | <0.01 | 0.03 |
| 59 | | | | | transition into a less altered schist;cm scale qz+fel with ep+chl banding;dk greenish grey, | | | | | | |
| 60 | | | | | fine grained,thinly laminated,well foliated bi+ser+qz+fel schist;sections with bi spotting | | | | | | |
| 61 | | | | | as at end of hole SH07-05; | | | | | | |
| 62 | CA | 20 | VEN | | 55.7-56.2m trace gal+py+cpy within a qz vnlet 15 to CA | | | | | | |
| 63 | | | | | 60.7-61m pyrophyllite altered from GRDR dyke | | | | | | |
| 64 | | | | | 61.6m 7cm GRDR dyke causing silicification; | | | | | | |
| 65 | | | | | 61.65m trace galena within 2cm qz+ank+py vnlet 20 to CA | | | | | | |
| 66 | | | | | | | | | | | |
| 67 | | | | | 62.9-80 GRANODIOTITE | | | | | | |
| 68 | | | | | 30cm pyrophyllite alteration at start obscures contact;pale grey to off-white bleached | | | | | | |
| 69 | | | | | groundmass with dk mottling from fine grained biotite;strong sericite alteration with patchy | | | | | | |
| 70 | | | | | silicified sections;pyrophyllite occurs immediately uphole of silicification; | | | | | | |
| 71 | | | | | calcite microfracturing is common through interval;mm scale qz+cb vnlets are offset by later | | | | | | |
| 72 | | | | | sub-cm scale qz vnlets | | | | | | |
| 73 | | | | | hairline graphitic fracturing, core breaking along these fractures; | | | | | | |
| 74 | | | | | 1% diss py cube in groundmass & occasional ribboned vnlet | | | | | | |
| 75 | | | | | | | | | | | |
| 76 | | | | | | | | | | | |
| 77 | | | | | | | | | | | |
| 78 | | | | | | | | | | | |
| 79 | | | | | | | | | | | |
| 80 | | | | | | | | | | | |
| EOH 80M | | | | | NB client chose not to conduct downhole surveys | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: SH07-06

LOGGED BY:

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | MINERALISATION | | | | | | | |
|--------|-------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | HEM | CLA | SID | EPI | DOL | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 3.6 | 5.7 | CSIL | OXI | FRC | M | | | X | | X | | | | | | | | | | | | | | | | |
| 3.6 | 5.7 | CSIL | SIL | PAT | S | | | X | | X | | | | | | | | | | TR | TR | | | | | VEN |
| 5.7 | 6.8 | MARB | | | | | | | | | | | | | | | | X | | TR | | | | | | DIS |
| 6.8 | 11.7 | CSIL | SIL | PAT | M | | | X | X | | X | | | | | | | X | | | | | | | | |
| 11.7 | 13.1 | MARB | | | | | | | | | | | | | | | | X | | | | | | | | |
| 15.3 | 17.55 | CSIL | VEN | STK | M | | X | X | X | X | X | | | X | | | | | X | TR | 1 | | | | | VEN |
| 17.55 | 18.2 | SKRN | REP | PRV | S | | | X | X | X | | | | | | | X | | | 5 | 25 | | | | | BAN |
| 18.2 | 19.6 | SCHT | REP | PRV | M | | | | X | X | | | | | | | X | | X | 1 | 1 | | | | | VEN |
| 19.6 | 37.3 | SCHT | HFL | PRV | S | X | X | | | | X | X | | | | | | | X | | | | | | | |
| 19.6 | 37.3 | SCHT | SIL | PAT | W | | | X | | | X | | | | | | | | | | | | | | | |
| 33 | 37.3 | SCHT | CLA | FRC | M | | | | | | | | | X | | X | | | | | | | | | | |
| 37.8 | 39 | CSIL | OXI | FRC | S | | | | X | X | | | | X | X | | | | | | | | | | | |
| 41.7 | 42.5 | CSIL | SIL | VEN | M | | X | X | | | X | | X | X | X | | | | | | | | | | | |
| 51.7 | 55.2 | SCHT | CLA | PAT | M | X | X | | | | | | | X | X | X | | | | | | | | | | |
| 55.2 | 62.9 | SCHT | SIL | PAT | W | | | X | | | X | | | | | | | | | TR | | | TR | | | DIS |
| 62.9 | 80 | GRDR | BLE | PRV | M | X | X | | | | | | | X | | X | | | | | | | | | | |
| 62.9 | 80 | GRDR | SIL | PAT | M | | | X | | | X | | | | | | | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-06

Logged by: S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 3.5 | 3.5 | | | | | | | Casing | |
| 1 | 3.5 | 5 | 1.5 | 1.50 | 100 | 99 | 99 | 59 | 39 | | NQ2 |
| 1 | 5 | 8 | 3 | 2.90 | 97 | 99 | 99 | 98 | 33 | | NQ2 |
| 1/2 | 8 | 11 | 3 | 2.84 | 95 | 41 | 14 | 160 | 53 | | NQ2 |
| 2 | 11 | 14 | 3 | 2.94 | 98 | 30 | 10 | 182 | 61 | | NQ2 |
| 2/3 | 14 | 17 | 3 | 2.87 | 96 | 20 | 7 | 225 | 75 | | NQ2 |
| 3 | 17 | 20 | 3 | 2.86 | 95 | 99 | 99 | 51 | 17 | | NQ2 |
| 4 | 20 | 23 | 3 | 3.02 | 101 | 26 | 9 | 172 | 57 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 3.00 | 100 | 38 | 13 | 97 | 32 | | NQ2 |
| 5 | 26 | 29 | 3 | 3.05 | 102 | 30 | 10 | 179 | 60 | | NQ2 |
| 5/6 | 29 | 32 | 3 | 2.97 | 99 | 31 | 10 | 151 | 50 | | NQ2 |
| 6 | 32 | 35 | 3 | 3.02 | 101 | 99 | 99 | 43 | 14 | | NQ2 |
| 6/7 | 35 | 38 | 3 | 3.02 | 101 | 99 | 99 | 110 | 37 | | NQ2 |
| 7 | 38 | 41 | 3 | 2.88 | 96 | 99 | 99 | 127 | 42 | | NQ2 |
| 7/8 | 41 | 44 | 3 | 3.00 | 100 | 26 | 9 | 162 | 54 | | NQ2 |
| 8 | 44 | 47 | 3 | 2.80 | 93 | 22 | 8 | 161 | 54 | | NQ2 |
| 8/9 | 47 | 50 | 3 | 3.01 | 100 | 19 | 6 | 200 | 67 | | NQ2 |
| 9 | 50 | 53 | 3 | 2.88 | 96 | 99 | 99 | 89 | 30 | | NQ2 |
| 10 | 53 | 56 | 3 | 3.00 | 100 | 99 | 99 | 88 | 29 | | NQ2 |
| 10/11 | 56 | 59 | 3 | 3.01 | 100 | 37 | 12 | 139 | 46 | | NQ2 |
| 11 | 59 | 62 | 3 | 3.01 | 100 | 15 | 5 | 212 | 71 | | NQ2 |
| 11/12 | 62 | 65 | 3 | 2.98 | 99 | 20 | 7 | 205 | 68 | | NQ2 |
| 12 | 65 | 68 | 3 | 2.97 | 99 | 34 | 11 | 133 | 44 | | NQ2 |
| 12/13 | 68 | 71 | 3 | 3.04 | 101 | 23 | 8 | 204 | 68 | | NQ2 |
| 13 | 71 | 74 | 3 | 3.00 | 100 | 20 | 7 | 214 | 71 | | NQ2 |
| 13/14 | 74 | 77 | 3 | 2.96 | 99 | 22 | 7 | 167 | 56 | | NQ2 |
| 14 | 77 | 80 | 3 | 2.70 | 90 | 23 | 9 | 186 | 62 | | NQ2 |

EOH

Total Metres 75.23

Total Recovery 98%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart Claim: CMC27
 Target: 100 ft grid south extension of galena pod in M zone; interpreted zone offset ~40ft left-lateral
 Drill Hole: CMC SH07-07 Azimuth: 316 Inclination: -50 Length: 59m Hole Size: NQ2
 NAD83 E: 404911 NAD83 N: 6689079 Local Grid E: 10700 Local Grid N: 11493 Elevation: 4985FT
 Start Date: 26-Aug-07 End Date: 27-Aug-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|----|------|------------|---|------------|-----------------|------|------|-------|------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 0-4 NO CORE-CASING | | | | | | | | | |
| 4 | | | | | 4-11.7 SERICITE-QUARTZ SCHIST | 701064 | 4 | 5 | 31 | 0.27 | 0.7 | | | |
| | | | | | bluish to greenish grey colour;fine grained, sericite altering feldspathic | | | | | | | | | |
| 5 | | | | | schist-hornfelsed at one time;local garnet rich beds to 4cm thickness; | 701065 | BLANK | | | | | | | |
| | | | | | strongly fractured with MnOx coating first metre becoming cm scale patchy | | QUARTZ MATERIAL | | | | | | | |
| 6 | | | | | Fe+Mn Ox envelopes down hole;3-5% py/po within lamina & disseminated; | 701066 | 5 | 6 | <2 | <0.01 | 0.09 | | | |
| | | | | | polished surfaces at 6.3m indicate movement along fractures | 701067 | 6 | 7 | 22 | 0.25 | 0.62 | | | |
| 7 | | | | | 7.5-7.7m trace gal in vnlets | 701068 | 7 | 8 | <2 | <0.01 | 0.07 | | | |
| | | | | | 8m rubbly zone with dry clay gouge | 701069 | 8 | 9 | <2 | <0.01 | 0.05 | | | |
| 8 | | | | | 9-11m pervasive FeOx alteration from envelopes to a stockwork of qz+ank | | | | | | | | | |
| | | | | | vnlets with po+py within & along margins;~60cm core missing | 701070 | STANDARD | | | | | | | |
| 9 | | | | | 11m 3cm gal band | | WCM PB120 | | | | | | | |
| | | | | | 11.6m 5cm white calcite vnlet 60 to CA | 701071 | 9 | 10 | <2 | <0.01 | 0.2 | | | |
| 10 | | | | | RECOVERY 70172=60% | 701072 | 10 | 11.1 | 146 | 2.64 | 1.45 | | | |
| | | | | | | 701073 | 11.1 | 11.7 | <2 | <0.01 | 0.08 | | | |
| 11 | | | | | | | | | | | | | | |
| | CA | 60 | VEN | | 11.7-14.4 SKARN | 701074 | 11.7 | 12.4 | 4 | 0.03 | 0.11 | | | |
| 12 | CA | 60 | CON | | upper contact is bedding parallel at 60 to CA;garnet+diopside/hedenbergite+ | | | | | | | | | |
| | CA | 60 | VEN | | epidote calc-silicate with gal+sph mineralised qz+ank+py vnlets from 12.4- | 701075 | BLANK | | | | | | | |
| 13 | CA | 35 | VEN | | 13.4m & 14-14.4m;yellow pea green envelopes extend into the HW & FW | | QUARTZ MATERIAL | | | | | | | |
| | | | | | 12.45m 7cm massive gal+sph band 60 to CA | 701076 | 12.4 | 13.4 | 1000 | 7.64 | 4.78 | | | |
| 14 | CA | 35 | VEN | | 12.75m 1.5cm gal+sph+cc vnlet 30 to CA | 701077 | 13.4 | 14 | 3 | <0.01 | 0.01 | | | |
| | | | | | 12.9m 1cm gal+sph+qz+ank vnlet 35 to CA | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-07

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | |
|--------|-----------|----|------|------------|--|---------------|------------------------|-------------|------|-------|-------|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | |
| | | | | | 11.7-14.4 SKARN | 701078 | 14 | 14.4 | 1650 | 11.17 | 4.46 | | |
| | | | | | 13.05m 0.5cm gal+sph+qz+ank vnlet 40 to CA | | | | | | | | |
| | | | | | 13.3m 0.1cm cc+hem vnlet, unmineralised | | | | | | | | |
| | | | | | 14.1-14.25m massive galena+sphalerite banded 35 to CA | | | | | | | | |
| | | | | | 14.3-14.4m qz+ank+sph+gal & sph+gal vnlets to 1cm size | | | | | | | | |
| | | | | | RECOVERY 701074=85%, RECOVERY 701076=95% | | | | | | | | |
| | | | | | RECOVERY 701077=100% , RECOVERY 701078=100% | | | | | | | | |
| | | | | | RECOVERY 701079=100% | | | | | | | | |
| 14 | | | | | 14.4-46.4 CALC-SILICATE/SERICITE SCHIST INTERBEDDED | 701079 | 14.4 | 15 | 5 | 0.04 | 0.01 | | |
| 15 | CA | 50 | BED | | It pink to brown garnet dominant calc-silicate interbedded with narrow | | | | | | | | |
| 16 | | | | | sections of sericite altering schist;schist interbeds become more common | 701080 | STANDARD | | | | | | |
| 17 | | | | | after 36m;hairline to cm scale qz+cc vnlets with black chlorite envelopes; | | WCM PB120 | | | | | | |
| 18 | | | | | size of envelope is proportional to size of veinlet; | 701081 | 15 | 16 | 16 | 0.2 | 0.02 | | |
| 19 | CA | 50 | CON | | minor oxide staining of fracture surfaces;1% blebby py with hem rims | | | | | | | | |
| 20 | CA | 15 | VEN | | 18.9-19.4m intensely fractured, slippery feeling talcose sericite/chlorite | | | | | | | | |
| 21 | | | | | schist;slickenside surfaces indicate bedding plane movement;slicks are | | | | | | | | |
| 22 | CA | 40 | GOU | | 75 to CA;strong FeOx stain on fracture surfaces; | | | | | | | | |
| 23 | | | | | trace py in schists, none in CSIL until 32m | | | | | | | | |
| 24 | | | | | 19.4-21.8m CSIL bed with upper & lower 20cm wk oxidized & silicified by | | | | | | | | |
| 25 | | | | | sub-cm qz+cc vnlets | | | | | | | | |
| 26 | | | | | 21.8-22m yellowish brown dry clay;contact 40 to CA;followed by wk | | | | | | | | |
| 27 | | | | | oxidised schist to 22.5m | 701082 | 31.5 | 32.1 | <2 | <0.01 | <0.01 | | |
| 28 | | | | | 29m very broken schist interbed | 701083 | 32.1 | 32.6 | <2 | 0.07 | 0.44 | | |
| 29 | | | | | 32.3-32.5m two 1cm qz+ank vnlets with ribboned sph+isolated gal | 701084 | 32.6 | 34 | <2 | <0.01 | <0.01 | | |
| 30 | | | | | occurring within a schist interbed | | | | | | | | |
| 31 | | | | | 34.2m 5mm qz+ank vnlet with cm scale black chl selvage;ribboned sph+ | 701085 | BLANK | | | | | | |
| 32 | CA | 35 | VEN | | isolated gal within schist interbed | | QUARTZ MATERIAL | | | | | | |
| 33 | CA | 50 | VEN | | 35.4m 3mm qz+cc vnlet with py/po only | 701086 | 34 | 34.4 | 3 | 0.06 | 0.23 | | |
| 34 | | | | | 35.8-36.05m silicified schist from stwk of qz+ank vnlets & 2.5cm massive | 701087 | 34.4 | 35.7 | <2 | <0.01 | <0.01 | | |
| 35 | | | | | gal+sph band 60 to CA | | | | | | | | |
| 36 | CA | 60 | VEN | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-07

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|----------------|-----------|----|------|------------|--|---------------|------------------------|-------------|-----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 36 | | | | | 14.4-46.4 CALC-SILICATE | 701088 | 35.7 | 36 | 529 | 6.13 | 2.46 |
| 37 | | | | | 42.45-42.85m bleached pyritic zone in schist bed;bleaching from 3cm barren QV | 701089 | 36 | 36.6 | 2 | 0.02 | 0.01 |
| 38 | | | | | 44-46.4m stwk of cc veinlets with black chlorite envelopes within garnet rich bed; | | | | | | |
| 39 | | | | | 3% blebby pyrrhotite;core grades into a wispy laminated chloritic | 701090 | STANDARD | | | | |
| 40 | | | | | garnet+actinolite schist with 10% diss py; | | WCM PB120 | | | | |
| 41 | | | | | 44.5m 2cm massive calcite vnlet 85 to CA | 701091 | 43.9 | 44.9 | <2 | 0.03 | 0.03 |
| 42 | | | | | 46.15m 1cm massive py vnlet 35 to CA | 701092 | 44.9 | 45.5 | <2 | <0.01 | <0.01 |
| 43 | | | | | | 701093 | 45.5 | 46.5 | <2 | <0.01 | 0.01 |
| 44 | CA | 85 | VEN | | | | | | | | |
| 45 | | | | | 46.4-54.2 BIOTITE SCHIST | 701094 | 48.8 | 49.5 | 3 | 0.02 | 0.07 |
| 46 | CA | 35 | VEN | | wavy laminated bi+qz+fel schist;tiger-striped appearance from lensy bi lamina; | | | | | | |
| 47 | | | | | 3% py/po rimming and replacing biotite;epidote substitutes for py down hole nearing | 701095 | BLANK | | | | |
| 48 | | | | | contact with GRDR | | QUARTZ MATERIAL | | | | |
| 49 | CA | 80 | VEN | | qz+ank vnlets cause sericite/bleached sections of core to 30cm thickness; | 701096 | 49.5 | 50.5 | 2 | 0.02 | 0.09 |
| 50 | CA | 75 | VEN | | 49.2m 2cm ribboned sph+gal in qz+ank vnlet 80 to CA | 701097 | 50.5 | 51.1 | <2 | <0.01 | 0.01 |
| 51 | CA | 80 | VEN | | 50.3m 1cm ribboned sph+gal in qz+ank vnlet 75 to CA | | | | | | |
| 52 | | | | | 50.75m 3cm translucent QV with py in fractures; QV is 80 to CA | | | | | | |
| 53 | | | | | 52.4m 1.5cm qz+cc vnlet with py blebs | | | | | | |
| 54 | CA | 50 | CON | | | | | | | | |
| 55 | CA | 60 | CON | | 54.2-55.2 GRANODIORITE | | | | | | |
| 56 | | | | | pale grey, fine grained equigranular, bleached (no mafics) GRDR with 3% diss | | | | | | |
| 57 | | | | | cubic py;upper contact planar at 50 to CA;lower contact undulating, 50 to 70 to CA | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | 55.2-59 SERICITE-QUARTZ SCHIST | | | | | | |
| | | | | | first 80cm silicified by translucent qz vnlets;3% stretched py blebs; | 701098 | 56 | 57 | <2 | <0.01 | <0.01 |
| EOH 59M | | | | | 56-57.1m bleached interval from qz+cc vnlets with py+po | | | | | | |
| | | | | | 57.8-59m calcite filled fracturing common within a strongly sericite altered matrix; | 701099 | 58 | 59 | <2 | <0.01 | <0.01 |
| | | | | | possible galena specks on margin of dolomitic vnlet subparallel to CA at 58.3m | | | | | | |
| | | | | | | 701100 | STANDARD | | | | |
| | | | | | NB Client chose not to conduct downhole surveys | | WCM PB120 | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-07

LOGGED BY:

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | | MINERALISATION | | | | | | |
|--------|-------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | HEM | CLA | SID | EPI | DOL | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 4 | 5 | SCHT | OXI | PRV | S | | | X | X | | | | | | | | | | | | | | | | | |
| 5 | 11.7 | SCHT | OXI | PAT | M | | | X | | | | | | | | | | | | | | | | | | |
| 7.5 | 7.7 | SCHT | SIL | VEN | S | | X | | | X | | | | | | | | | TR | | | | | | | VEN |
| 9 | 11 | SCHT | OXI | PRV | S | | X | X | | X | | | X | | | | | | | | | | | | | |
| 11 | 11.03 | SULF | | MAS | | | | | | | | | | | | | | | 90 | 10 | | | | | | BAN |
| 11.7 | 14.1 | SKRN | VEN | | M | | X | | | | | | X | X | | | | | 2 | 5 | | | | | | VEN |
| 14.1 | 14.25 | SULF | | MAS | | | | | | | | | | | | | | | 50 | 20 | | | | | | BAN |
| 14.25 | 18.9 | SCHT | CLA | PAT | M | X | X | | | | | | | | | | | | | | | | | | | |
| 18.9 | 19.4 | SCHT | OXI | FRC | S | | | X | X | | | | | | | | | | | | | | | | | |
| 18.9 | 19.4 | SCHT | BLE | PRV | S | X | X | | | | | | | | | | | | | | | | | | | |
| 19.4 | 21.8 | CSIL | SIL | PAT | W | | X | X | | | | | X | X | | | | | | | | | | | | |
| 21.8 | 22 | CSIL | CLA | PRV | S | | | X | | | | | | | | X | | | | | | | | | | |
| 22 | 22.5 | SCHT | OXI | PRV | S | X | | X | | | | | | | | | | | | | | | | | | |
| 22.5 | 46.4 | CSIL | OXI | FRC | W | | | X | | | | | | | | | | | | | | | | | | |
| 32 | 34 | SCHT | VEN | | W | | | X | | X | | | | | | | | X | TR | TR | | | | | | VEN |
| 35.8 | 36.1 | SCHT | SIL | VEN | M | | | X | | | | | | | | | | X | | | | | | | | |
| 42.4 | 42.9 | SCHT | BLE | PRV | S | X | | X | | X | | | | | | | | | | | | | | | | |
| 44 | 46.4 | CSIL | VEN | STK | S | | X | | | X | X | | X | | | | | | | | | | | | | |
| 46.4 | 54.2 | SCHT | BLE | PAT | M | X | | X | | | | | X | | | | | | | | | | | | | |
| 54.2 | 55.2 | GRDR | BLE | PRV | S | X | | | | X | | | | | | | | | | | | | | | | |
| 55.2 | 56 | SCHT | SIL | PRV | S | | | X | | X | | | | | | | | | | | | | | | | |
| 56 | 59 | SCHT | BLE | PAT | S | | | X | | X | X | | X | | | | | X | TR | | | | | | | VEN |

Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-07

Logged by: K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 4 | | | | | | | | Casing | |
| 1 | 4 | 5 | 1 | 0.59 | 59 | 99 | 99 | 0 | 0 | | NQ2 |
| 1 | 5 | 8 | 3 | 2.53 | 84 | 99 | 99 | 43 | 14 | | NQ2 |
| 1/2 | 8 | 11 | 3 | 2.34 | 78 | 99 | 99 | 81 | 27 | | NQ2 |
| 2 | 11 | 14 | 3 | 2.86 | 95 | 99 | 99 | 116 | 39 | | NQ2 |
| 2/3 | 14 | 17 | 3 | 2.83 | 94 | 99 | 99 | 124 | 41 | | NQ2 |
| 3 | 17 | 20 | 3 | 2.90 | 97 | 99 | 99 | 84 | 28 | | NQ2 |
| 3/4 | 20 | 23 | 3 | 2.55 | 85 | 99 | 99 | 88 | 29 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 2.99 | 100 | 99 | 99 | 199 | 66 | | NQ2 |
| 5 | 26 | 29 | 3 | 2.85 | 95 | 99 | 99 | 147 | 49 | | NQ2 |
| 5/6 | 29 | 32 | 3 | 3.00 | 100 | 99 | 99 | 116 | 39 | | NQ2 |
| 6 | 32 | 35 | 3 | 3.02 | 101 | 31 | 10 | 138 | 46 | | NQ2 |
| 6/7 | 35 | 38 | 3 | 3.02 | 101 | 99 | 99 | 155 | 52 | | NQ2 |
| 7 | 38 | 41 | 3 | 2.96 | 99 | 28 | 9 | 150 | 50 | | NQ2 |
| 7/8 | 41 | 44 | 3 | 2.98 | 99 | 24 | 8 | 205 | 68 | | NQ2 |
| 8 | 44 | 47 | 3 | 2.99 | 100 | 25 | 8 | 224 | 75 | | NQ2 |
| 8/9 | 47 | 50 | 3 | 2.76 | 92 | 99 | 99 | 181 | 60 | | NQ2 |
| 9 | 50 | 53 | 3 | 2.82 | 94 | 99 | 99 | 136 | 45 | | NQ2 |
| 9/10 | 53 | 56 | 3 | 3.02 | 101 | 99 | 99 | 175 | 58 | | NQ2 |
| 10 | 56 | 59 | 3 | 2.98 | 99 | 30 | 10 | 198 | 66 | | NQ2 |

EOH

Total Metres 51.99
Total Recovery 95%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart

Claim: CMC27

Target: 100 ft grid north extension of galena pod in M zone

Drill Hole: CMC SH07-08 Azimuth: 316 Inclination: -50 Length: 59.6m Hole Size: NQ2

NAD83 E: 404965 NAD83 N: 6689116 Local Grid E: 10750 Local Grid N: 11700 Elevation: 4990FT

Start Date: 29-Aug-07 End Date: 30-Aug-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen

Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|------|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| | | | | | 0-3 NO CORE-CASING | 701101 | 6.5 | 7 | <2 | <0.01 | 0.03 |
| | | | | | 3-3.5 OVERBURDEN | 701102 | 7 | 8.2 | <2 | <0.01 | 0.01 |
| | | | | | | 701103 | 8.2 | 9.2 | <2 | <0.01 | 0.02 |
| 3 | | | | | 3.5-18.3 BIOTITE-QUARTZ SCHIST | 701104 | 9.2 | 9.8 | <2 | <0.01 | 0.12 |
| 4 | | | | | pale to med green sericitised & chloritised, finely laminated schist with | | | | | | |
| 5 | | | | | some remnant tiger-striped bi-schist;short garnet rich calc-silicate interbeds | 701105 | BLANK | | <2 | <0.01 | <0.01 |
| 6 | | | | | cm scale dk red-brown FeOx envelopes along cc+qz vnlets;up to 5% py/po | | QUARTZ MATERIAL | | | | |
| 7 | | | | | scattered throughout unit;bleached sections of core are due to qz+ank | 701106 | 9.8 | 10.8 | <2 | <0.01 | 0.01 |
| 8 | | | | | vnlets with trace gal+sph-up to 2% from 16.5-17.5m;opaque white qz knots | 701107 | 10.8 | 11.6 | <2 | <0.01 | <0.01 |
| 9 | | | | | from 12.5-14.1m;po filled gash at 8.75m | 701108 | 11.6 | 12.3 | 4 | 0.05 | 0.06 |
| 10 | | | | | dk brown to black Fe+Mn Ox+qz+sph? vnlets at 12.45, 13.5, 13.86 & 13.96m; | 701109 | 12.3 | 13.3 | 11 | 0.11 | 0.24 |
| 11 | | | | | 9.4m 25cm section of pervasive FeOx resulting from hairline py fracturing | | | | | | |
| 12 | | | | | 11.85m 2cm sph+gal vnlet | 701110 | STANDARD | | 18 | 1.35 | 2.78 |
| 13 | CA | 55 | VEN | | 12.3-14.1m sericite rich bleached section with network po lattice | | WCM PB120 | | | | |
| 14 | CA | 35 | VEN | | fracturing;gal+sph at margins of cc+ank vnlets | 701111 | 13.3 | 14.1 | 52 | 0.84 | 2.12 |
| 15 | CA | 50 | VEN | | 13.5-13.8m pervasive ankerite replacement | 701112 | 14.1 | 15.2 | <2 | <0.01 | 0.02 |
| 16 | CA | 80 | VEN | | 13.7m 2.5cm vuggy qz+sph+gal banded vnlet 55 to CA | 701113 | 15.2 | 16 | 22 | 0.18 | 0.53 |
| 17 | | | | | 14.1-15.2m calc-silicate bed | 701114 | 16 | 16.7 | 12 | 0.04 | 0.08 |
| 18 | | | | | 15.75m 2cm grey qz+ank vnlet with gal+sph blebs 50 to CA | | | | | | |
| | | | | | 15.8m 5mm qz+ank vnlet with gal+sph;35 to CA & 90 degree trend to vnlet | 701115 | BLANK | | <2 | <0.01 | <0.01 |
| | | | | | at 15.75m | | QUARTZ MATERIAL | | | | |
| | | | | | 16.5m 3cm vuggy qz+ank+gal+sph vnlet 80 to CA | 701116 | 16.7 | 17.5 | 37 | 0.17 | 0.25 |
| | | | | | | 701117 | 17.5 | 18.3 | 2 | <0.01 | 0.07 |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-08

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|-------|------|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 18 | | | | | 18.3-21.2 MINERALISED ZONE | 701118 | 18.3 | 19.1 | 11 | 0.19 | 0.52 |
| | CA | 70 | BAN | | gal+sph banding begins with Mn band at 18.3m;strongly sericitised, | 701119 | 19.1 | 20 | 18 | 0.34 | 1.8 |
| 19 | | | | | moderately silicified schist with mm scale gal+sph+ank(calcite) vnlets; | | | | | | |
| | | | | | massive to semi-massive sph+gal bands throughout interval;qz+ank | 701120 | STANDARD | | 20 | 1.42 | 2.8 |
| 20 | | | | | networked vnlets with ribboned sph+blebby gal giving pseudo-breccia | | WCM PB120 | | | | |
| | | | | | appearance to core; | 701121 | 20 | 20.6 | 152 | 1.75 | 8.67 |
| 21 | | | | | 20.4m 3cm sph+gal+qz band 70 to CA | 701122 | 20.6 | 21.2 | 97 | 3.2 | 2.06 |
| | | | | | | | | | | | |
| 22 | | | | | 21.2-26.5 SKARN | 701123 | 21.2 | 21.8 | <2 | 0.03 | 0.1 |
| | | | | | tan to pinkish brown garnet rich calc-silicate with chlorite laminations to 22m; | | | | | | |
| 23 | | | | | actinolite/chlorite & lensy opaque calcite fracturing;occasional opaque qz | 701124 | 24.5 | 25.1 | 2 | 0.06 | 0.05 |
| | CA | 30 | FRC | | vnlet;blood red hem on fracture surfaces;hem+chl selvages on mm scale | | | | | | |
| 24 | | | | | calcite vnlets;trace py lensing; | 701125 | BLANK | | <2 | <0.01 | <0.01 |
| | | | | | 23-24.5m pinch & swell white calcite +py filled fracture 5 to CA with | | QUARTZ MATERIAL | | | | |
| 25 | | | | | slickensides at 30 to CA | 701126 | 25.1 | 25.7 | 2055 | 40.98 | 8.57 |
| | | | | | 24-24.4m siliceous interbed | 701127 | 25.7 | 26.45 | 6 | 0.06 | 0.06 |
| 26 | | | | | 25.2-25.6m intermixed 35cm section of massive gal+sph with minor | | | | | | |
| | | | | | calc-silicate wallrock;banding is 15 to CA-true width is only 5cm;hairline | | | | | | |
| 27 | CA | 75 | CON | | calcite vnlets with chl envelopes extend 20cm into wallrock following sulfide | | | | | | |
| | | | | | section; | | | | | | |
| 28 | | | | | 25.6-26.5m cc+hem vnlets with chl envelopes common | | | | | | |
| | | | | | | | | | | | |
| 29 | | | | | 26.5-42.5 DOLOMITE(SILICIFIED) | 701128 | 26.45 | 27.15 | 225 | 0.6 | 10.34 |
| | | | | | contact 75 to CA,displaced 1.5cm left-lateral by calcite filled fracture;fold | 701129 | 27.15 | 27.85 | 33 | 0.83 | 10.49 |
| 30 | | | | | noses in core indicate unit is folded and true width is ~7.5m;vuggy | | | | | | |
| | | | | | dolomite with drusy qz+cc+sph+gal & possibly axinite infill;high % gal+sph | 701130 | STANDARD | | 22 | 1.38 | 2.84 |
| 31 | | | | | disseminated throughout unit-found as grains, spots, blebs, bands veinlets & | | WCM PB120 | | | | |
| | | | | | occasional fine grained crystalline quartz clusters with very fine grained | 701131 | 27.85 | 28.6 | 21 | 0.52 | 4.79 |
| | | | | | galena-remnant quartzose lamina? | 701132 | 28.6 | 29.3 | 10 | 0.06 | 3.21 |
| | | | | | lamina/bedding varies form 45 to 65 to CA;colloform qz+cc+siderite veining | 701133 | 29.3 | 30.2 | 7 | 0.19 | 2.45 |
| | | | | | suggests epithermal/Carlin-style mineralisation | 701134 | 30.2 | 31.1 | 19 | 1.07 | 3.26 |
| | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-08

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|------------------|-----------|----|------|------------|--|------------|-----------------|-------|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 31 | | | | | 26.5-42.5 DOLOMITE(SILICIFIED) | 701135 | BLANK | | <2 | <0.01 | 0.01 |
| 32 | | | | | 26.5-27.75m 30% sph+gal | | QUARTZ MATERIAL | | | | |
| 33 | CA | 50 | BED | | 27.75-29.3m 5-15% sph+gal;variable amounts | 701136 | 31.1 | 32 | 23 | 1.21 | 3.25 |
| 34 | | | | | 29.3-33.9m 15-25% sph+gal;steadily increasing | 701137 | 32 | 33 | 57 | 2.81 | 4.54 |
| 35 | | | | | 33.9-34.45m 40% sph+gal as lenses | 701138 | 33 | 33.85 | 14 | 0.58 | 2.56 |
| 36 | | | | | 34.45-36.35m 25-35% sph+gal;variable amounts | 701139 | 33.85 | 34.5 | 61 | 2.6 | 14.94 |
| 37 | CA | 35 | BAN | | 36.35-38.3m increased vugs,colloform banding & calcite veining;strongly silicified | | | | | | |
| 38 | | | | | with 10% sph+gal;40cm translucent calcite vein within inetrval with dk brown | 701140 | STANDARD | | 20 | 1.4 | 2.89 |
| 39 | | | | | Mn+Fe Ox+chlorite bands at each contact;contacts are 35 to CA;slicks on | | WCM PB120 | | | | |
| 40 | | | | | upper contact show plunge of 85 to CA; | 701141 | 34.5 | 35.5 | 19 | 1.34 | 2.4 |
| 41 | | | | | 38.3-39.7m Mn+Fe Ox cm scale veining forms X's;up to 10% sph+gal | 701142 | 35.5 | 36.5 | 18 | 1.18 | 2.79 |
| 42 | | | | | 39.7-42.5m sph+gal steadily decreasing from 15% to 5% nearing contact;less than | 701143 | 36.5 | 37.5 | 17 | 0.77 | 2.42 |
| 43 | | | | | 5% by 42m | 701144 | 37.5 | 38.5 | 6 | 0.42 | 1.18 |
| 44 | | | | | | | | | | | |
| 45 | | | | | 42.5-59.6m CALC-SILICATE | 701145 | BLANK | | <2 | <0.01 | 0.02 |
| 46 | | | | | garnet rich with ep+chl patches;qz+cb+ep vnlets with chl envelopes+occasional | | QUARTZ MATERIAL | | | | |
| 47 | | | | | hem selvages;minor FeOx on some fracture surfaces;pale tan patchy sections may | 701146 | 38.5 | 39.4 | 3 | 0.23 | 0.73 |
| 48 | | | | | be albitisation; FeOx blebs (py?) & calcite fracturing increases after 55m | 701147 | 39.4 | 40.4 | 7 | 0.32 | 2.54 |
| 49 | | | | | 54.1m 2cm qz+cc vnlet with magnetite selvage 60 to CA | 701148 | 40.4 | 41.4 | 12 | 0.76 | 2.52 |
| 50 | | | | | 57.4-57.8m sub-cm opaque qz vnlets 50 to CA | 701149 | 41.4 | 42.5 | 10 | 0.38 | 3.86 |
| 51 | | | | | 58.7-59.2m patchy pale green silicification | | | | | | |
| 52 | | | | | | 701150 | STANDARD | | 19 | 1.4 | 2.69 |
| 53 | | | | | | | WCM PB120 | | | | |
| 54 | CA | 60 | VEN | | | 701151 | 42.5 | 43.2 | <2 | 0.02 | 0.05 |
| 55 | | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | CA | 50 | VEN | | | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | NB bit needs changing;end hole at 59.6m | | | | | | |
| EOH 59.6M | | | | | NB Client chose not to conduct downhole surveys | | | | | | |

Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-08

Logged by: K Andersen

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 3 | | | | | | | | Casing | |
| 1 | 3 | 5 | 2 | 1.39 | 70 | 99 | 99 | 16 | 8 | | NQ2 |
| 1 | 5 | 8 | 3 | 2.77 | 92 | 99 | 99 | 83 | 28 | | NQ2 |
| 1/2 | 8 | 11 | 3 | 2.81 | 94 | 99 | 99 | 147 | 49 | | NQ2 |
| 2 | 11 | 14 | 3 | 2.90 | 97 | 33 | 11 | 142 | 47 | | NQ2 |
| 2/3 | 14 | 17 | 3 | 2.90 | 97 | 99 | 99 | 170 | 57 | | NQ2 |
| 3/4 | 17 | 20 | 3 | 2.79 | 93 | 99 | 99 | 64 | 21 | | NQ2 |
| 4 | 20 | 23 | 3 | 2.89 | 96 | 99 | 99 | 90 | 30 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 2.90 | 97 | 99 | 99 | 92 | 31 | | NQ2 |
| 5 | 26 | 29 | 3 | 2.91 | 97 | 99 | 99 | 175 | 58 | | NQ2 |
| 5/6 | 29 | 32 | 3 | 3.04 | 101 | 99 | 99 | 217 | 72 | | NQ2 |
| 6 | 32 | 35 | 3 | 2.80 | 93 | 99 | 99 | 143 | 48 | | NQ2 |
| 6/7 | 35 | 38 | 3 | 3.01 | 100 | 99 | 99 | 205 | 68 | | NQ2 |
| 7 | 38 | 41 | 3 | 2.84 | 95 | 99 | 99 | 155 | 52 | | NQ2 |
| 7/8 | 41 | 44 | 3 | 2.82 | 94 | 22 | 8 | 207 | 69 | | NQ2 |
| 8 | 44 | 47 | 3 | 3.02 | 101 | 99 | 99 | 219 | 73 | | NQ2 |
| 8/9 | 47 | 50 | 3 | 2.80 | 93 | 19 | 7 | 208 | 69 | | NQ2 |
| 9 | 50 | 53 | 3 | 3.00 | 100 | 28 | 9 | 148 | 49 | | NQ2 |
| 9/10 | 53 | 56 | 3 | 3.01 | 100 | 23 | 8 | 231 | 77 | | NQ2 |
| 10 | 56 | 59 | 3 | 2.77 | 92 | 99 | 99 | 141 | 47 | | NQ2 |
| 10/11 | 59 | 59.6 | 0.6 | 0.60 | 100 | 4 | 7 | 45 | 75 | | NQ2 |

EOH

Total Metres 53.97

Total Recovery 95%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart

Claim: CMC29

Target: D zone MnOx gossan-interpreted 060 structure cutting limestone;solutions replacing a LST bed give an apparent 330 trend to the gossan

Drill Hole: CMC SH07-09 Azimuth: 152 Inclination: -47 Length: 50m Hole Size: NQ2

NAD83 E: 405155 NAD83 N: 6688934 Local Grid E: 11606 Local Grid N: 11725 Elevation: 4900ft

Start Date: 31-Aug-07 End Date: 02-Sep-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen

Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|------|----|-------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| 5 | | | | | 0-5 NO CORE-CASING | | | | | | | | | |
| 6 | | | | | 5-10.7 LIMESTONE | | | | | | | | | |
| | | | | | med grey, fine grained, crystalline thinly bedded limestone with wkly silicified | | | | | | | | | |
| 7 | | | | | biotite+sericite+quartz schist interbeds; hairline FeOx+calcite fracturing; | | | | | | | | | |
| | CA | 25 | BED | | dk brown oxide coated fracture surfaces; core is very broken from fracturing | | | | | | | | | |
| 8 | | | | | & drilling subparallel to bedding; bedding is 25 to CA; in outcrop is 350/54E; | 701161 | 9.6 | 10.6 | <2 | <0.01 | 0.06 | | | |
| | | | | | 8.45m 2cm heavy brown oxide breccia; no contacts preserved; | | | | | | | | | |
| 9 | | | | | 10m 6cm creamy white brecciated dolomite? vnlet 20 to CA | | | | | | | | | |
| | | | | | 10.5m on is very broken, vuggy qz+cc veined LMST | | | | | | | | | |
| 10 | CA | 20 | VEN | | | | | | | | | | | |
| | | | | | 10.7-16.1 CALC-SILICATE | 701152 | 10.6 | 11.6 | 10 | <0.01 | 0.17 | | | |
| 11 | | | | | very fractured; wk oxidised calc-silicate with strong black & dk brown oxide | 701153 | 11.6 | 12.6 | 6 | <0.01 | 0.24 | | | |
| | | | | | coating on fractures; garnet rich CSIL visible in some fragments; generally a | 701154 | 12.6 | 13.6 | 5 | <0.01 | 0.4 | | | |
| 12 | | | | | fine grained massive sedimentary unit; | | | | | | | | | |
| | | | | | blebby hem+cc & MnOx spotting; MnOx+calcite fracture filling; | 701155 | BLANK | | <2 | <0.01 | <0.01 | | | |
| 13 | | | | | some fracture surfaces show evidence of movement but are not polished | | QUARTZ MATERIAL | | | | | | | |
| | | | | | | 701156 | 13.6 | 14.6 | <2 | <0.01 | 0.25 | | | |
| 14 | | | | | 16.1-17.2 LIMESTONE | 701157 | 14.6 | 15.6 | <2 | <0.01 | 0.1 | | | |
| | | | | | as previously described; | 701158 | 15.6 | 16.6 | <2 | <0.01 | 0.13 | | | |
| 15 | | | | | 16.6m 2cm brecciated calcite vnlet 20 to CA | 701159 | 16.6 | 17.2 | 3 | <0.01 | 0.1 | | | |
| | | | | | RECOVERY 701159=100% | | | | | | | | | |
| 16 | | | | | | 701160 | STANDARD | | 19 | 1.33 | 2.88 | | | |
| | CA | 20 | VEN | | NB hole sloughing & no circulation 9-14m; hole reamed to 14m & cased off | | WCM PB120 | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-09

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|---------|------|------------|--|------------|----------|------|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 17 | CA | 55 | CON | | 17.2-23.1 BRECCIA & FAULT ZONE | 701162 | 17.2 | 18.2 | 15 | 0.41 | 2.65 |
| | | | | | contacts ~55 to CA;approx 1.2m of core missing from 17-19m; | 701163 | 18.2 | 19.2 | 65 | 0.86 | 3.56 |
| 18 | | | | | pervasive oxidised & clay altered interval of mineralised FeOx cemented breccia clasts;oxide banding is 55 to CA; | 701164 | 19.2 | 20.2 | 72 | 0.83 | 2.86 |
| 19 | | | | | 17.2-20m pervasively Mn+Fe Ox clasts cemented by dk to med brown oxide & galena;2-3% galena as diss blebs & irregular vnlets & matrix fill | 701165 | BLANK | | <2 | <0.01 | 0.02 |
| 21 | | | | | 20-20.8m pervasive yellow-brown powdery clay altered-likely a sericite schist interbed | 701166 | 20.2 | 21.2 | 43 | 0.67 | 2.34 |
| | CA | 20 | BED | | | 701167 | 21.2 | 22.2 | 50 | 0.27 | 3.47 |
| 22 | | | | | 20.8-21.8m pervasive MnOx altered, thinly laminated rock;lamination 20 to CA;1-2% galena present as lenses & irregular vnlets; | 701168 | 22.2 | 23.2 | 13 | 0.52 | 18 |
| 23 | | | | | 21.8-23.1m dk choc brown gooey clay with brilliant white soapy clay from 22.5-23m-makes core look like crushed OREO cookies;trace galena as isolated cubes; | | | | | | |
| 24 | CA | 45 | BED | | | | | | | | |
| 25 | | | | | RECOVERY 701162=50%; RECOVERY 701163=30%; | | | | | | |
| | | | | | 23.1-26 SERICITE SCHIST | 701169 | 23.2 | 24.2 | 3 | 0.01 | 1.85 |
| 26 | CA | 25 | BED | | variably oxidised-mod to wk,dominantly along fractures;thinly laminated 45 to CA;intensely broken sericite altered feldspathic schist;minor intervals of heavy pinkish brown fragments indicate calc-silicate interbeds; | 701170 | STANDARD | | 19 | 1.33 | 2.91 |
| 27 | | | | | lamination becomes 25 to CA down hole | 701171 | 24.2 | 25.2 | 3 | 0.02 | 0.7 |
| 28 | CA | 60 | VEN | | | 701172 | 25.2 | 26 | 3 | <0.01 | 0.44 |
| | | | | | 26-29.5 CALC-SILICATE | 701173 | 26 | 27 | 3 | <0.01 | 0.35 |
| 29 | | | | | upper 1.3m fractured, becoming competent down hole;mottled to patchy pink & brown garnet with pale green fine grained lensing-diopside+ | 701174 | 27 | 28 | <2 | <0.01 | 0.12 |
| | CA | 45 | CON | | | 701175 | BLANK | | <2 | <0.01 | <0.01 |
| 30 | | | | | sericite?;pervasive mm to sub-cm clear qz vnlets to 29m, ~60 to CA; trace fine grained cubic py along vnlet margins;trace diss galena in garnet rich beds; | 701176 | 28 | 29 | <2 | <0.01 | 0.06 |
| 31 | | | | | | 701177 | 29 | 30 | <2 | <0.01 | 0.19 |
| | | | | | 29.5-30.15 LIMESTONE | 701178 | 30 | 31 | 9 | <0.01 | 4.07 |
| | | | | | fine grained crystalline thinly laminated 45 to CA;upper contact is 10cm of white & pale pink (rhodochrosite?) marble with MnOx & phlogopite spotting; | | | | | | |
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**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-09

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|----------------|-----------|---------|------|------------|---|------------|-----------------|----|----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| | | | | | 30.15-30.7 FAULT | 701179 | 31 | 32 | <2 | <0.01 | 0.06 |
| | | | | | 60cm of sticky dk choc brown clay;lower contact is broken & rubbly, intermixed | 701180 | STANDARD | | 20 | 1.34 | 2.94 |
| | | | | | with calc-silicate; | | WCM PB120 | | | | |
| 30 | | | | | | 701181 | 32 | 33 | <2 | <0.01 | 0.15 |
| 31 | | | | | 30.7-32.4 CALC-SILICATE | 701182 | 33 | 34 | <2 | <0.01 | 0.28 |
| 32 | CA | 25 | BED | | pink to brown garnet rich with hairline to mm qz+cc stwk in last 40cm;gradational | 701183 | 34 | 35 | <2 | <0.01 | 1.63 |
| 33 | | | | | contact with LMST with coarse grained garnets in a limey matrix; | 701184 | 35 | 36 | <2 | <0.01 | 0.04 |
| 34 | | | | | | 701185 | BLANK | | <2 | <0.01 | <0.01 |
| 35 | | | | | 32.4-34 LIMESTONE | | QUARTZ MATERIAL | | | | |
| 36 | CA | 70 | VEN | | upper 15cm coarse garnet bearing;bedding parallels contact of 25 to CA;lower | 701186 | 36 | 37 | <2 | <0.01 | <0.01 |
| 37 | CA | 65 | VEN | | contact broken by a 15cm dk green actinolite schist bed with 5% fine grained diss | 701187 | 37 | 38 | <2 | <0.01 | 0.03 |
| 38 | | | | | cubic py | 701188 | 38 | 39 | <2 | <0.01 | 0.08 |
| 39 | | | | | | 701189 | 39 | 40 | <2 | <0.01 | 0.11 |
| 40 | | | | | 34-42.6 CALC-SILICATE | 701190 | STANDARD | | 20 | 1.36 | 2.9 |
| 41 | | | | | unknown whether 15cm act shcist bed belongs to CSIL ;pale brown garnet rich | | WCM PB120 | | | | |
| 42 | CA | 50 | VEN | | with repeating sub-cm opaque but colourless qz vnlets 65-70 to CA;ribboned | 701191 | 40 | 41 | <2 | <0.01 | 0.02 |
| 43 | CA | 15 | CON | | sph+minor galena within qz vnlet near contact;trace to 1% diss galena scattered | 701192 | 41 | 42 | <2 | <0.01 | 0.01 |
| 44 | | | | | through garnet rich core;short section around 36.5m with 2%;1% blebby py; | 701193 | 42 | 43 | <2 | <0.01 | 0.02 |
| 45 | CA | 15 | BED | | 38.15m 2cm Fe/MnOx band enclosing a 3cm opaque qz vnlet | 701194 | 43 | 44 | <2 | <0.01 | 0.02 |
| 46 | | | | | 39.1m 1cm white clay band 55 to CA | | | | | | |
| 47 | | | | | 42.4m vuggy 4mm qz vnlet 50 to CA | 701195 | BLANK | | <2 | <0.01 | <0.01 |
| 48 | CA | 40 | VEN | | | | QUARTZ MATERIAL | | | | |
| 49 | | | | | 42.6-50 BIOTITE QUARTZ SCHIST | 701196 | 44 | 45 | <2 | <0.01 | <0.01 |
| 50 | CA | 15 | BED | | contact 15 to CA;tiger striped bi+qz+fel schist; upper 15cm bleached & sericitised; | 701197 | 45 | 46 | <2 | <0.01 | 0.02 |
| | | | | | lamination parallel bedding 15 to CA;1-2% py & minor po along foliation;minor FeOx | 701198 | 46 | 47 | <2 | <0.01 | <0.01 |
| | | | | | at upper contact & 45.2-45.7m due to qz+ank vnlets;sericite alteration increasing | 701199 | 47 | 48 | <2 | <0.01 | 0.01 |
| | | | | | down hole-becoming sericite schist by 48m;pink clay filled fracturing in last 30cm; | 701200 | STANDARD | | 19 | 1.37 | 2.92 |
| | | | | | 48.3m 4mm qz+ank vnlet 40 to CA | | WCM PB120 | | | | |
| | | | | | 49.3m 2cm vuggy qz vnlet 40 to CA | 701201 | 48 | 49 | <2 | <0.01 | 0.01 |
| EOH 50M | | | | | NB Client chose not to conduct downhole surveys | 701202 | 49 | 50 | <2 | <0.01 | <0.01 |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-09

LOGGED BY: F. Andersen

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | | MINERALISATION | | | | | | | |
|--------|-------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | HEM | CLA | SID | EPI | DOL | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 5 | 10.7 | LMST | OXI | FRC | W | | | X | X | | | | | X | | | | | | | | | | | | |
| 10.7 | 16.1 | CSIL | OXI | PRV | W | | | X | X | | | | | | X | | | | | | | | | | | |
| 17.2 | 20 | BREC | OXI | PRV | S | | | X | X | | | | | | | X | | | | 3 | | | | | | VEN |
| 20 | 20.8 | BREC | CLA | PRV | S | | | X | | | | | | | | X | | | | 2 | | | | | | VEN |
| 20.8 | 21.8 | BREC | OXI | PRV | S | | | X | X | | | | | | | | | | | | | | | | | |
| 21.8 | 23.1 | FALT | CLA | PRV | S | | | | | | | | | | | X | | | | TR | | | | | | DIS |
| 23.1 | 26 | SCHT | OXI | FRC | W | | | X | X | | | | | | | | | | | | | | | | | |
| 26 | 29.5 | CSIL | SIL | STK | M | | X | X | | | X | | | | | | | | | TR | | | | | | DIS |
| 30.15 | 30.7 | FALT | CLA | PRV | S | | | | | | | | | | | X | | | | | | | | | | |
| 32 | 32.4 | CSIL | SIL | STK | M | | | X | | | | | | X | | | | | | | | | | | | |
| 34 | 42.6 | CSIL | SIL | STK | M | | | X | | X | | | | X | | | | | | 1 | | | | | | DIS |
| 42.6 | 42.75 | SCHT | BLE | PRV | S | X | | | X | X | | | | | | X | | | | | | | | | | |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-09

Logged by: S. Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 5 | | | | | | | | Casing | |
| 1 | 5 | 8 | 3 | 1.87 | 62 | 99 | 99 | 0 | 0 | | NQ2 |
| 1/2 | 8 | 11 | 3 | 2.45 | 82 | 99 | 99 | 90 | 30 | | NQ2 |
| 2 | 11 | 14 | 3 | 1.55 | 52 | 99 | 99 | 10 | 3 | | NQ2 |
| 2 | 14 | 17 | 3 | 2.05 | 68 | 99 | 99 | 27 | 9 | | NQ2 |
| 2/3 | 17 | 20 | 3 | 1.62 | 54 | 99 | 99 | 61 | 20 | | NQ2 |
| 3 | 20 | 23 | 3 | 2.37 | 79 | 99 | 99 | 10 | 3 | | NQ2 |
| 3/4 | 23 | 26 | 3 | 2.18 | 73 | 99 | 99 | 0 | 0 | | NQ2 |
| 4 | 26 | 29 | 3 | 2.65 | 88 | 99 | 99 | 110 | 37 | | NQ2 |
| 4/5 | 29 | 32 | 3 | 2.72 | 91 | 99 | 99 | 111 | 37 | | NQ2 |
| 5/6 | 32 | 35 | 3 | 2.73 | 91 | 99 | 99 | 111 | 37 | | NQ2 |
| 6 | 35 | 38 | 3 | 2.91 | 97 | 20 | 7 | 188 | 63 | | NQ2 |
| 6/7 | 38 | 41 | 3 | 2.70 | 90 | 99 | 99 | 165 | 55 | | NQ2 |
| 7 | 41 | 44 | 3 | 2.96 | 99 | 38 | 13 | 142 | 47 | | NQ2 |
| 7/8 | 44 | 47 | 3 | 2.90 | 97 | 28 | 10 | 154 | 51 | | NQ2 |
| 8 | 47 | 50 | 3 | 2.91 | 97 | 14 | 5 | 226 | 75 | | NQ2 |

EOH

Total Metres 36.57

Total Recovery 81%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart Claim: CMC29
 Target: D zone MnOx gossan-hole SH07-09 gossan faulted off;testing for location of fault & if gossan is related to a 330 trending structure
 Drill Hole: CMC SH07-10 Azimuth: 240 Inclination: -47 Length: 59m Hole Size: NQ2
 NAD83 E: 405196 NAD83 N: 6688932 Local Grid E: _____ Local Grid N: _____ Elevation: 4895ft
 Start Date: 04-Sep-07 End Date: 05-Sep-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|---|------------|------|------|----|-------|------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 0-4 NO CORE-CASING | | | | | | | | | |
| | | | | | 4-13.3 LIMESTONE | | | | | | | | | |
| 4 | | | | | med grey, fine grained, micritic, thinly laminated & thinly bedded limestone; | | | | | | | | | |
| 5 | | | | | occasional pale orange brown oxidised lamina; narrow clay zones parallel | | | | | | | | | |
| 6 | CA | 70 | BED | | bedding; coarse garnet+feldspar bed from 9.6-10.3m; bedding 70 to CA; | | | | | | | | | |
| 7 | | | | | trace very fine grained cubic py within LMST | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | 13.3-14.9 CALC-SILICATE | | | | | | | | | |
| 10 | | | | | pink/white/grey/green banded calc-silicate with 15cm LMST interbed | | | | | | | | | |
| 11 | | | | | showing fold vergence; banding 80 to CA | | | | | | | | | |
| 12 | | | | | 14.1m pegmatitic calcite vein 55 to CA | | | | | | | | | |
| 13 | CA | 80 | BAN | | | | | | | | | | | |
| 14 | CA | 55 | VEN | | 14.9-15.6 LIMESTONE | | | | | | | | | |
| 15 | CA | 70 | BED | | LMST bed with 10cm pink garnet interbed; bedding 70 to CA | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 17 | CA | 50 | VEN | | 15.6-16.95 CALC-SILICATE | | | | | | | | | |
| 18 | CA | 80 | BED | | massive pink/brown/green mottled core; narrow qz+cc+MnOx vnlets; | 701203 | 16 | 16.6 | <2 | <0.01 | 0.04 | | | |
| | | | | | 16.2-16.4m wk silicification & MnOx spotting | | | | | | | | | |
| | | | | | 16.95m pegmatitic calcite vein 50 to CA | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 16.95-17.8 LIMESTONE | | | | | | | | | |
| | | | | | mm scale wavy clay+calcite fractures cut lamination; core breaks along | | | | | | | | | |
| | | | | | planar mm scale white calcite healed fractures; bedding 80 to CA | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-10

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | | |
|--------|-----------|---------|------|------------|--|------------|------|----|----|----|----|--|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | | |
| 18 | | | | | 17.8-21.2 CALC-SILICATE | | | | | | | | | | |
| | | | | | pinkish brown to buff colour; garnet+feldspar rich calc-silicate; upper 5cm at | | | | | | | | | | |
| 19 | | | | | contact is sticky, pale tan clay; mod to strong stockwork of sub-cm to cm | | | | | | | | | | |
| | | | | | scale dk grey & white to translucent calcite vnlets; short intervals of coarse | | | | | | | | | | |
| 20 | | | | | garnet clast supported core with dk brown to black Mn+silica matrix infill; | | | | | | | | | | |
| | | | | | 20.8-21.2m pegmatitic translucent calcite vein; appears black & glassy due | | | | | | | | | | |
| 21 | | | | | to MnOx envelope; | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 22 | | | | | 21.2-23.8 LIMESTONE | | | | | | | | | | |
| | | | | | orange brown oxidised fracturing becoming common; | | | | | | | | | | |
| 23 | | | | | 22-22.1m pygmatic folded oxidised LMST bed | | | | | | | | | | |
| | | | | | 22.6-23.5m broken core from fracturing at low angles to CA | | | | | | | | | | |
| 24 | | | | | 23.6-23.8m coarse grained garnet+wollastonite bed | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 25 | CA | 60 | BED | | 23.8-24.7 CHLORITE/SERICITE SCHIST | | | | | | | | | | |
| | | | | | pale green sericite altered feldspathic laminated schist; 15-20% shiny dk | | | | | | | | | | |
| 26 | | | | | brown biotite forming wispy lenses; occasional po replacement of biotite; | | | | | | | | | | |
| | | | | | some pinkish brown garnet within bed; qz knots & clots present; last 7cm is | | | | | | | | | | |
| 27 | | | | | yellow stained, leached, possibly argillic altered; sulfide has | | | | | | | | | | |
| | | | | | oxidised to dk brown red FeOx | | | | | | | | | | |
| 28 | CA | 50 | VEN | | 24.7-32.6 LIMESTONE | | | | | | | | | | |
| | | | | | upper 15cm is garnet bearing; calcite+oxidised py fracturing, often causing | | | | | | | | | | |
| 29 | | | | | rusty staining of some beds; clay altered fracturing becoming intense from | | | | | | | | | | |
| | | | | | 26.7-28m, terminating at a coarse grained calcite vein 50 to CA; 3mm MnOx | | | | | | | | | | |
| 30 | | | | | band at contact; | | | | | | | | | | |
| | | | | | ~40cm lost in 27-28m interval; rubbly clay material | | | | | | | | | | |
| 31 | | | | | 28.65-29.05m coarse grained calcite veining | | | | | | | | | | |
| | | | | | 29.15-29.3m very fractured & clay altered bed-red oxide & Mn layering | | | | | | | | | | |
| 32 | | | | | from 29.2-29.4m | | | | | | | | | | |
| | | | | | 30.3-31.3m very broken & rubbly, gritty LMST material | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-10

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|----|------|------------|--|------------|-----------------|------|-----|-------|-------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 32 | | | | | 32.6-35.1 BIOTITE SCHIST | 701204 | 32.9 | 33.9 | <2 | <0.01 | 0.03 |
| | | | | | pervasively oxidised biotite lamina with clay altered feldspathic layers; garnet banding | | | | | | |
| 33 | | | | | in upper 50cm; oxidation causes mottled appearance when calc-silicate banding | 701205 | BLANK | | <2 | <0.01 | <0.01 |
| | | | | | occurs; unit becomes garnet rich in last 35 cm; some fracture surfaces show slip | | QUARTZ MATERIAL | | | | |
| 34 | | | | | parallel to lamination (dip-slip); | | | | | | |
| | CA | 20 | VEN | | 34.4m 2cm coarse grained calcite vnlet 20 to CA | 701206 | 33.9 | 34.9 | <2 | <0.01 | 0.16 |
| 35 | | | | | | 701207 | 34.9 | 35.7 | <2 | <0.01 | 0.05 |
| | | | | | 35.1-36.7 LIMESTONE | 701208 | 35.7 | 36.7 | <2 | <0.01 | 0.13 |
| 36 | | | | | hairline low-angle to CA fracturing starts at 35.95m; calc-silicate interbeds | | | | | | |
| | | | | | from 35.3-35.6m & 36.4-36.7m | | | | | | |
| 37 | | | | | | | | | | | |
| | | | | | 36.7-38.7 CALC-SILICATE | 701209 | 36.7 | 37.4 | 12 | <0.01 | 1.94 |
| 38 | | | | | vuggy calcite veined & intense orange brown FeOx to 37.35m; no sulfides noted; | | | | | | |
| | CA | 20 | VEN | | 15cm actinolite schist bed, <2% diss py; very broken, but apparent contact ~30 to CA | 701210 | STANDARD | | 158 | 2.17 | 4.56 |
| 39 | | | | | 37.5-38m very broken with rubbly dk brown material | | WCM PB121 | | | | |
| | CA | 70 | BED | | 38-38.7m fractured but competent garnet rich with narrow qz vnlets 20 to CA | 701211 | 37.4 | 38 | 42 | 0.05 | 0.99 |
| 40 | | | | | | | | | | | |
| | | | | | 38.7-42.7 BIOTITE SCHIST | | | | | | |
| 41 | CA | 50 | VEN | | biotite schist to 40.8m then alternating beds of garnet rich CSIL & SCHK; | | | | | | |
| | | | | | lamination & bedding is consistently 65 to 75 to CA; FeOx is common on fracture | | | | | | |
| 42 | | | | | surfaces; MnOx on surfaces from 36.7-39.3m; FeOx lamina & fracturing of schist | | | | | | |
| | CA | 50 | VEN | | from 38.7-39.6m, 40.4-40.55m, & 42.4-42.65m; | | | | | | |
| 43 | | | | | 41.2m 4mm qz+cc vnlet 50 to CA | | | | | | |
| | | | | | 42.7m vuggy qz+cc vnlet with speck of gal; vnlet is 50 to CA | | | | | | |
| 44 | | | | | | | | | | | |
| | | | | | 42.7-44.4 CALC-SILICATE | | | | | | |
| 45 | | | | | pale pink to brown fine grained garnet dominant calc-silicate; mm calcite fractures & | | | | | | |
| | | | | | veinlets; Mn spotting and lensing starts at 43.8m at contact with a schist interbed | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-10

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|----------------|-----------|-----------|------------|------------|---|---------------|-------------|-------------|--------------|-----------------|-------------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| 45 | | | | | 44.4-46.4 FAULT ZONE | 701212 | 45.7 | 46.5 | 2 | <0.01 | 1.2 |
| | | | | | dk chocolate brown sandy to clay rich rubbly material with fragments of pinkish | | | | | | |
| 46 | | | | | brown garnet rich calc-silicate;missing~70cm within the 44-47m interval;all contacts | | | | | | |
| | | | | | are broken and indetermineable; | | | | | | |
| 47 | | | | | 45.4-46.4m 20-30cm dk brown clay with FeOx streaking encloses a 40cm intensely | | | | | | |
| | CA | 55 | VEN | | fractured calc-silicate bed;fractures in CSIL are filled with sticky dk brown clay; | | | | | | |
| 48 | | | | | RECOVERY 701212=100% | | | | | | |
| | | | | | | | | | | | |
| 49 | | | | | 46.4-50.5 CALC-SILICATE | | | | | | |
| | | | | | garnet dominant;alternating with10-30cm sericitic biotite & chlorite schist beds;minor | | | | | | |
| 50 | | | | | po in schists;upper 40cm of CSIL is banded coarse garnet with black Mn+silica matrix | | | | | | |
| | | | | | fill;mm calcite vnlets common within garnet beds;megacrystic zoned garnets in last | | | | | | |
| 51 | CA | 55 | BED | | 50cm, along with black matrix fill (chl+Mn+qz); | | | | | | |
| | | | | | 47.7m coarse grained calcite vnlet 55 to CA | | | | | | |
| 52 | | | | | | | | | | | |
| | | | | | 50.5-52.2 BIOTITE SCHIST | 701213 | 51.4 | 52.2 | <2 | <0.01 | 0.04 |
| 53 | | | | | black+green+brownish pink lensy schist;moderately siliceous;feldspars are pale | | | | | | |
| | CA | 60 | BED | | green & weakly clay altered;2% po interstitial to biotite-possibly rims;trace to 1% | | | | | | |
| 54 | | | | | needle appearing metallic dk blue mineralisation-graphite? Sample collected from | | | | | | |
| | CA | 20 | VEN | | richest endowed section 51.4-52.2m;lamination is parallel bedding at 55 to CA; | | | | | | |
| 55 | | | | | weak FeOx on some fractures & on lamina | | | | | | |
| | | | | | | | | | | | |
| 56 | | | | | 52.2-55.9 CALC-SILICATE | | | | | | |
| | | | | | pale brown to pinkish garnet rich calc-silicate with MnOx matrix fill from 52.8-52.9m; | | | | | | |
| 57 | | | | | coarse grained garnet+wollastonite+quartz filled matrix from 53-53.2m;lamination & | | | | | | |
| | | | | | bedding is 60 to CA;hairline calcite fracturing & localised qz vnlets <5mm wide,all | | | | | | |
| 58 | | | | | ~ 20 to CA; | | | | | | |
| | | | | | | | | | | | |
| 59 | | | | | 55.9-59 SCHIST/CALC-SILICATE | | | | | | |
| | | | | | interbedded;1.4m core loss in 56-59m interval;40cm of greenish brown clay (schist) & | | | | | | |
| | | | | | pinkish brown rubbly clay (calc-silicate) near EOH;calcite vnlet 20 to CA at 54.6m | | | | | | |
| EOH 59M | | | | | NB Client chose not to conduct downhole surveys | | | | | | |

Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-10

Logged by: S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 4 | | | | | | | | Casing | |
| 1 | 4 | 5 | 1 | 0.65 | 65 | 17 | 99 | 11 | 11 | | NQ2 |
| 1 | 5 | 8 | 3 | 2.80 | 93 | 99 | 99 | 78 | 26 | | NQ2 |
| 1/2 | 8 | 11 | 3 | 2.82 | 94 | 99 | 99 | 70 | 23 | | NQ2 |
| 2 | 11 | 14 | 3 | 2.77 | 92 | 99 | 99 | 90 | 30 | | NQ2 |
| 2/3 | 14 | 17 | 3 | 2.85 | 95 | 38 | 13 | 115 | 38 | | NQ2 |
| 3 | 17 | 20 | 3 | 2.78 | 93 | 99 | 99 | 111 | 37 | | NQ2 |
| 3/4 | 20 | 23 | 3 | 2.92 | 97 | 99 | 99 | 108 | 36 | | NQ2 |
| 4/5 | 23 | 26 | 3 | 2.80 | 93 | 99 | 99 | 138 | 46 | | NQ2 |
| 5 | 26 | 29 | 3 | 2.63 | 88 | 99 | 99 | 62 | 21 | | NQ2 |
| 5/6 | 29 | 32 | 3 | 2.56 | 85 | 99 | 99 | 10 | 3 | | NQ2 |
| 6 | 32 | 35 | 3 | 2.74 | 91 | 99 | 99 | 68 | 23 | | NQ2 |
| 6/7 | 35 | 38 | 3 | 2.90 | 97 | 99 | 99 | 92 | 31 | | NQ2 |
| 7 | 38 | 41 | 3 | 2.94 | 98 | 99 | 99 | 139 | 46 | | NQ2 |
| 7/8 | 41 | 44 | 3 | 2.78 | 93 | 99 | 99 | 141 | 47 | | NQ2 |
| 8 | 44 | 47 | 3 | 1.80 | 60 | 99 | 99 | 36 | 12 | | NQ2 |
| 8/9 | 47 | 50 | 3 | 2.85 | 95 | 99 | 99 | 194 | 65 | | NQ2 |
| 9 | 50 | 53 | 3 | 2.80 | 93 | 30 | 11 | 161 | 54 | | NQ2 |
| 9/10 | 53 | 56 | 3 | 2.42 | 81 | 99 | 99 | 88 | 29 | | NQ2 |
| 10 | 56 | 59 | 3 | 1.48 | 49 | 99 | 99 | 48 | 16 | | NQ2 |

EOH

Total Metres 48.29

Total Recovery 88%

**CMC Metals Ltd.
Drill Log**

Property: Silver Hart Claim: CMC29
 Target: J Zone (new zone) gossan with galena+sphalerite within a fault hosted quartz+calcite vein trending 240/73N
 Drill Hole: CMC SH07-11 Azimuth: 316 Inclination: -47 Length: 70m Hole Size: NQ2
 NAD83 E: 405209 NAD83 N: 6689022 Local Grid E: 11540 Local Grid N: 12055 Elevation: 4895ft
 Start Date: 06-Sep-07 End Date: 08-Sep-07 Drilled by: Bertram Drilling Company Logged by: Farrell Andersen
 Survey Type: none Hole Survey 1: _____ Hole Survey 2: _____ Hole Survey 3: _____

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|--|------------|-----------------|------|----|-------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| 3 | | | | | 0-3 NO CORE-CASING | | | | | | | | | |
| 4 | | | | | 3-4.6 CALC-SILICATE | | | | | | | | | |
| | CA | 20 | FOL | | coarse grained pink garnet & fine grained sugary white quartz+feldspar, | | | | | | | | | |
| 5 | CA | 45 | CON | | becomes massive pink garnet at lower contact;lamina parallels foliation 20 to CA | | | | | | | | | |
| 6 | | | | | 4.6-9.3 ARGILLITE (HORNFELS) | | | | | | | | | |
| | | | | | contact 45 to CA;upper 50cm patchy pale green silicification;massive very fine | | | | | | | | | |
| 7 | | | | | grained dk brown biotite rich grey rock-possibly argillite;5% pale grey to | | | | | | | | | |
| | | | | | off-white spotting;lower contact 40 to CA with pale greenish cream silicification; | | | | | | | | | |
| 8 | | | | | 2% fine grained diss py+po & minor FeOx coating on fractures | | | | | | | | | |
| 9 | CA | 40 | CON | | 9.3-14.2 CALC-SILICATE | 701214 | 12 | 12.7 | <2 | <0.01 | 0.29 | | | |
| | | | | | thin beds of layered pink garnet & brown garnet with sugary white qz+fel; | | | | | | | | | |
| 10 | | | | | foliation 5 to CA-drilling along strike of bedding; | 701215 | BLANK | | <2 | <0.01 | <0.01 | | | |
| | CA | 5 | FOL | | 9.35m 2cm clay altered pink & white filled fracture trending in & out of core | | QUARTZ MATERIAL | | | | | | | |
| 11 | | | | | 11.5-13.3m pale pinkish brown garnet banding;3% interstitial sphalerite | 701216 | 12.7 | 13.3 | <2 | <0.01 | 3.81 | | | |
| | | | | | from 12.7-13.3m within the qz+fel layers | 701217 | 13.3 | 14.2 | <2 | <0.01 | 0.18 | | | |
| 12 | | | | | | | | | | | | | | |
| | | | | | 14.2-14.7 ARGILLITE (HORNFELS) | 701218 | 14.2 | 14.7 | 3 | 0.12 | 0.5 | | | |
| 13 | | | | | greenish grey sericite altered quartz+feldspar fine grained unit;upper contact 35 | | | | | | | | | |
| | | | | | to CA,lower contact showing slickenside fracture ~80 to CA;cm scale Fe+Mn Ox | | | | | | | | | |
| 14 | CA | 35 | CON | | envelope around mm qz vnlet 40 to CA;minor diss sph+gal in vnlet | | | | | | | | | |
| | CA | 40 | VEN | | NB Drilling along bedding means sample widths are greatly exaggerated | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-11

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|-----------|-----------|------------|------------|--|---------------|------------------------|-------------|--------------|-----------------|-----------------|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn |
| | | | | | 14.7-22.2 CALC-SILICATE | 701219 | 14.7 | 15.4 | <2 | 0.02 | 0.12 |
| 15 | | | | | coarse pink garnet layering to 15.7m then fine grained green garnet or | | | | | | |
| 16 | | | | | diopside interlaminated with white quartz+feldspar+calcite;mm scale grey | 701220 | STANDARD | | 166 | 2.14 | 4.53 |
| 17 | | | | | translucent qz vnlets cut foliation/layering;trace fine grained py | | WCM PB121 | | | | |
| 18 | CA | 45 | VEN | | 16-16.8m mm scale MnOx+rhodochrosite/pink calcite lamina | 701221 | 15.4 | 16.4 | <2 | <0.01 | 1.87 |
| 19 | | | | | 16.4-18m trace gal+sph near margins of pink garnet lamina;trace graphite | 701222 | 16.4 | 17.4 | <2 | <0.01 | 0.02 |
| 20 | CA | 50 | VEN | | also noted in unit & possibly confused with galena | 701223 | 17.4 | 18.4 | <2 | <0.01 | 0.04 |
| 21 | CA | 40 | VEN | | 17.8m vuggy calcite vnlet with trace sphalerite | 701224 | 18.4 | 19.4 | <2 | <0.01 | 0.02 |
| 22 | | | | | 19.4m vuggy calcite vnlet with blebby sphalerite | | | | | | |
| 23 | | | | | 19.2-19.6 m contact between fine grained & coarse grained garnet beds | 701225 | BLANK | | <2 | <0.01 | <0.01 |
| 24 | | | | | 20-20.6m micritic limestone bed grading into a garnet bearing off-white | | QUARTZ MATERIAL | | | | |
| 25 | | | | | LMST to 21.2m | 701226 | 19.4 | 20 | <2 | <0.01 | 0.41 |
| 26 | | | | | 20.3m 4mm qz+cc vnlet cutting LMST 50 to CA | 701227 | 20 | 21 | <2 | <0.01 | 0.48 |
| 27 | | | | | 21.6m 2cm med grained white calcite vnlet 40 to CA | 701228 | 21 | 22 | <2 | <0.01 | 0.02 |
| 28 | CA | 30 | VEN | | 22.15m trace blebby sph & fine grained gal onmargin of clay lozenge near | 701229 | 22 | 22.5 | <2 | <0.01 | 0.01 |
| 29 | | | | | contact with SCHT | | | | | | |
| 30 | CA | 30 | BED | | | 701230 | STANDARD | | 185 | 2.1 | 4.3 |
| 31 | | | | | 22.2-28.8 BIOTITE SCHIST | | WCM PB121 | | | | |
| 32 | | | | | bronzy black biotite interlaminated with qz+fel;patchy pale green | | | | | | |
| 33 | | | | | silicification;becomes pervasive silicification from 24-28.6m;blebby po+trace | 701231 | 22.5 | 23.5 | <2 | <0.01 | 0.01 |
| 34 | | | | | cpy along foliae;occasional garnet bands to 3cm width;last 20cm of SCHT is | | | | | | |
| 35 | | | | | strongly chloritised;vuggy qz+cc vnlets at 24.25, 24.75, 25.9, 28.3 7 28.6m; | 701232 | 26.5 | 27.1 | <2 | <0.01 | <0.01 |
| 36 | CA | 60 | BED | | trace very fine grained sph+gal within a boudined feldspathic layer at 27.3m | 701233 | 27.1 | 27.6 | <2 | <0.01 | <0.01 |
| 37 | | | | | | 701234 | 27.6 | 28.1 | <2 | <0.01 | <0.01 |
| 38 | | | | | 28.8-37.8 CALC-SILICATE | | | | | | |
| | | | | | interbedded fine grained garnet+wollastonite & coarser grained garnet+ | 701235 | BLANK | | <2 | <0.01 | <0.01 |
| | | | | | quartz+feldspar with narrow sericite altered schist interbeds;rare mm scale | | QUARTZ MATERIAL | | | | |
| | | | | | grey opaque qz vnlets & massive to vuggy calcite+clay vnlets, all ~ 30 to CA; | 701236 | 36.4 | 37 | <2 | <0.01 | 0.06 |
| | | | | | bedding parallels foliation at 25 to 30 to CA; | 701237 | 37 | 37.8 | <2 | <0.01 | 0.03 |
| | | | | | 31.2m pink hard mineral with black spotting-rhodonite | | | | | | |
| | | | | | 35.8-37.8m calcite vnlets increase in amount & thickness to form | | | | | | |
| | | | | | weak stockwork;MnOx speckles core;bedding becomes rhythmic & changes | | | | | | |
| | | | | | to 60 to CA;intense clay alteration in last 50cm;trace blebby galena in last 20cm before contact | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-11

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|--------|-----------|---------|------|------------|--|---------------|------------------|-------------|--------------|-----------------|-------------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 37.8-51.1 BIOTITE SCHIST | 701238 | 37.8 | 38.6 | <2 | <0.01 | 0.01 | | | |
| 38 | | | | | variably altered to sericite/chlorite/green clay;thinly laminated;patchy pale green | 701239 | 38.6 | 40 | 5 | <0.01 | 0.25 | | | |
| 39 | | | | | silicification often adjacent to bands of pinkish garnet;narrow calc-silicate interbeds; | | | | | | | | | |
| 40 | CA | 40 | VEN | | foliation becomes shallower to CA downhole;fold hinges noted in core | 701240 | STANDARD | | 175 | 2.15 | 4.57 | | | |
| 41 | | | | | <1% py, ~1% po throughout SCHT | | WCM PB121 | | | | | | | |
| 42 | | | | | 38.7m 10cm sticky clay bed;~75cm core missing from 37-40m | | | | | | | | | |
| 43 | | | | | 39.8m patchy po+py calcite vnlet 40 to CA | | | | | | | | | |
| 44 | | | | | 40m calcite veinlet with trace cpy | | | | | | | | | |
| 45 | | | | | 43.3m 2cm sticky clay bed | | | | | | | | | |
| 46 | | | | | 46.85m 4cm po+py+cc vnlet with trace cpy rimming po;vnlet 40 to CA | | | | | | | | | |
| 47 | CA | 40 | VEN | | 47.6m 2cm opaque qz vnlet 60 to CA | | | | | | | | | |
| 48 | | | | | 49.1-49.6m mm scale qz+cc vnlet stockwork;randomly oriented & spaced to 51.1m | | | | | | | | | |
| 49 | | | | | 51m 6mm qz+cc vnlet 40 to CA with tan clay envelope | | | | | | | | | |
| 50 | | | | | RECOVERY 701239=60% | | | | | | | | | |
| 51 | | | | | NB trace sph+gal within hole;end sampling of trace amounts at 40m | | | | | | | | | |
| 52 | CA | 30 | BED | | | | | | | | | | | |
| 53 | | | | | 51.1-54.3 CALC-SILICATE | | | | | | | | | |
| 54 | CA | 65 | FOL | | upper contact broken;strongly clay altered bed from 51.8-52.4m;contact 30 to CA; | | | | | | | | | |
| 55 | | | | | pitted bed 52.4-53.2m;sub-cm calcite vnlets with pale grey clay selvages displaced by | | | | | | | | | |
| 56 | | | | | later qz+cc vnlets;no sulfide noted;narrow sericite schist bed with pervasive calcite vnlets | | | | | | | | | |
| 57 | CA | 40 | FOL | | before contact with LMST at 54.3m | | | | | | | | | |
| 58 | | | | | | | | | | | | | | |
| 59 | | | | | 54.3-55.9 LIMESTONE | | | | | | | | | |
| 60 | | | | | pale grey crystalline limestone with sub-cm biotite schist & calc-silicate lamina 65 to CA | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 55.9-59.5 CALC-SILICATE | | | | | | | | | |
| | | | | | lamination changes to 40 to CA;pervasive sub-cm to cm calcite vnlets , some vuggy; | 701241 | 59 | 59.7 | <2 | 0.01 | 0.03 | | | |
| | | | | | alternating chlorite+garnet & garnet+quartz+feldspar beds;weak to moderate clay | | | | | | | | | |
| | | | | | alteration of feldspar rich beds;note that garnet is subordinate to qz+fel in this CSIL | | | | | | | | | |
| | | | | | | | | | | | | | | |

**CMC Metals Ltd.
Drill Log**

DRILL HOLE: CMC SH07-11

LOGGED BY: F. Andersen

| METRES | STRUCTURE | | | VISUAL LOG | DESCRIPTION | SAMPLE NO. | | | | | | | | |
|---------|-----------|----|------|------------|---|------------|-----------------|------|----|-------|-------|--|--|--|
| | α | β | TYPE | | | SAMPLE NO. | FROM | TO | Ag | Pb | Zn | | | |
| | | | | | 59.5-70 CHLORITE SCHIST | | | | | | | | | |
| 60 | CA | 30 | FOL | | thinly laminated;chlorite+sericite altered layering;calcareous;fine grained diss galena | 701242 | 59.7 | 60.2 | 81 | 5.71 | 1.97 | | | |
| | | | | | at 59.7m, narrow sub-cm lenses of galena with finer grained sphalerite from | 701243 | 60.2 | 61 | 20 | 0.19 | 0.23 | | | |
| 61 | | | | | 59.9-60.2m;sulfide content ~5% & cause of minor bleaching;diss gal+sph continues in | 701244 | 61 | 62 | <2 | <0.01 | 0.01 | | | |
| | | | | | amounts up to 1% to 61m then sulfide becomes pyrrhotite+minor chalcopyrite; | | | | | | | | | |
| 62 | | | | | po increases downhole to 2% as blebs & fine grained specks within calcite vnlets; | 701245 | BLANK | | <2 | <0.01 | <0.01 | | | |
| | | | | | foliation shallows from 30 to CA down to 5 to CA by end of hole; | | QUARTZ MATERIAL | | | | | | | |
| 63 | | | | | 66.9-67.5m 5% patchy po with minor cpy & trace sph | 701246 | 66.9 | 67.5 | <2 | <0.01 | <0.01 | | | |
| 64 | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | |
| | CA | 5 | FOL | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | |
| EOH 70M | | | | | NB Client chose not to conduct downhole surveys | | | | | | | | | |
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CMC Metals Ltd.
Drill Log

DRILL HOLE: CMC SH07-11

LOGGED BY: F. Andersen

| METRES | | LITHOLOGY | ALTERATION | | | | | | | | | | | | | | | MINERALISATION | | | | | | | | |
|--------|------|-----------|------------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| FROM | TO | | WHAT | HOW | INTENSITY | SEC | CHL | SIL | LIM | MNO | PYY | PYO | MAG | CRB | HEM | CLA | SID | BIO | DOL | GAL | SPH | TET | CPY | PBO | ZNO | HOW |
| 4.6 | 9.3 | SCHT | HFL | PRV | S | | | X | | X | X | | | | | | X | | | | | | | | | |
| 4.6 | 9.3 | SCHT | SIL | PAT | M | | | X | | | | | | | | | | | | | | | | | | |
| 9.3 | 13.3 | CSIL | CLA | FRC | | | | | | | | | | | X | | | | 1 | 1 | | | | | | DIS |
| 14.2 | 14.7 | SCHT | HFL | PRV | S | X | | X | | | | | | | | | X | | TR | TR | | | | | | DIS |
| 14.7 | 22.2 | CSIL | VEN | | W | | | X | | | | | X | | X | | | | TR | TR | | | | | | DIS |
| 22.2 | 28.8 | SCHT | SIL | PAT | M | | X | X | | | X | | X | | | | | | TR | TR | | | | | | DIS |
| 28.8 | 37.8 | CSIL | VEN | | | | | X | | | | | X | | | | | | | | | | | | | |
| 37.3 | 37.8 | CSIL | CLA | FRC | S | | | | | | | | | | X | | | | TR | | | | | | | DIS |
| 37.8 | 51.1 | SCHT | CHL | PAT | W | X | X | | | | | | | | X | | | | TR | TR | | TR | | | | DIS |
| 37.8 | 51.1 | SCHT | SIL | PAT | | | | X | | | | | | | | | | | | | | | | | | |
| 51.8 | 52.4 | SCHT | CLA | PRV | S | X | | | | | | | | | X | | | | | | | | | | | |
| 55.9 | 59.5 | CSIL | VEN | STK | S | | | | | | | | | X | X | | | | | | | | | | | |
| 59.5 | 70 | SCHT | CHL | PAT | M | X | X | | | | X | | X | | X | | | | | | TR | | TR | | | DIS |
| 59.9 | 61 | SCHT | | | | | | | | | | | | | | | | | 2 | 1 | | | | | | DIS |
| 66.9 | 67.5 | SCHT | VEN | | W | | | | | | X | | X | | | | | | | TR | | TR | | | | DIS |
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Drill Hole Geotechnical Log

CMC Metals Ltd

Drill Hole No: CMC DDH SH07-11

Logged by: F Andersen/K Andersen/S Bowie

| Box No | From (m) | To (m) | Int (m) | Rec | Rec % | Breaks | Breaks/M | Sum >10cm | RQD % | Comments | Core Size |
|--------|----------|--------|---------|------|-------|--------|----------|-----------|-------|----------|-----------|
| | 0 | 3 | | | | | | | | Casing | |
| 1 | 3 | 4 | 1 | 1.01 | 101 | 99 | 99 | 0 | 0 | | NQ2 |
| 1 | 4 | 7 | 3 | 2.86 | 95 | 99 | 99 | 39 | 13 | | NQ2 |
| 1/2 | 7 | 10 | 3 | 2.48 | 83 | 99 | 99 | 19 | 6 | | NQ2 |
| 2 | 10 | 13 | 3 | 2.71 | 90 | 31 | 11 | 83 | 28 | | NQ2 |
| 2/3 | 13 | 16 | 3 | 2.93 | 98 | 99 | 99 | 76 | 25 | | NQ2 |
| 3/4 | 16 | 19 | 3 | 2.74 | 91 | 19 | 7 | 181 | 60 | | NQ2 |
| 4 | 19 | 22 | 3 | 2.97 | 99 | 17 | 6 | 189 | 63 | | NQ2 |
| 4/5 | 22 | 25 | 3 | 3.05 | 102 | 21 | 7 | 208 | 69 | | NQ2 |
| 5 | 25 | 28 | 3 | 2.93 | 98 | 18 | 6 | 231 | 77 | | NQ2 |
| 5/6 | 28 | 31 | 3 | 2.64 | 88 | 15 | 6 | 216 | 72 | | NQ2 |
| 6 | 31 | 34 | 3 | 3.09 | 103 | 17 | 6 | 214 | 71 | | NQ2 |
| 6/7 | 34 | 37 | 3 | 2.92 | 97 | 15 | 5 | 242 | 81 | | NQ2 |
| 7 | 37 | 40 | 3 | 2.21 | 74 | 99 | 99 | 26 | 9 | | NQ2 |
| 7/8 | 40 | 43 | 3 | 3.10 | 103 | 24 | 8 | 214 | 71 | | NQ2 |
| 8 | 43 | 46 | 3 | 2.98 | 99 | 22 | 7 | 200 | 67 | | NQ2 |
| 8/9 | 46 | 49 | 3 | 2.72 | 91 | 20 | 7 | 152 | 51 | | NQ2 |
| 9 | 49 | 52 | 3 | 3.00 | 100 | 28 | 9 | 159 | 53 | | NQ2 |
| 9/10 | 52 | 55 | 3 | 3.10 | 103 | 99 | 99 | 173 | 58 | | NQ2 |
| 10 | 55 | 58 | 3 | 2.96 | 99 | 99 | 99 | 172 | 57 | | NQ2 |
| 10/11 | 58 | 61 | 3 | 3.10 | 103 | 99 | 99 | 162 | 54 | | NQ2 |
| 11 | 61 | 64 | 3 | 2.97 | 99 | 22 | 7 | 181 | 60 | | NQ2 |
| 11/12 | 64 | 67 | 3 | 2.98 | 99 | 19 | 6 | 277 | 92 | | NQ2 |
| 12 | 67 | 70 | 3 | 3.02 | 101 | 14 | 5 | 254 | 85 | | NQ2 |

EOH

Total Metres 64.47

Total Recovery 96%

Appendix III

2007 Silver Hart Assays

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|-------|------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 305901 | CMCSH0701 | | 24.1 | 24.8 | CORE | ACME ANALYTICAL | VAN07000388 | 0.002 | 0.003 | 0.03 | 0.14 | 7 | <0.001 | <0.001 | 0.46 | 2.27 | 0.03 |
| 305902 | CMCSH0701 | | 24.8 | 25.8 | CORE | ACME ANALYTICAL | VAN07000388 | 0.003 | <0.001 | 0.03 | 0.14 | <2 | <0.001 | <0.001 | 0.47 | 1.64 | <0.01 |
| 305903 | CMCSH0701 | | 25.8 | 26.5 | CORE | ACME ANALYTICAL | VAN07000388 | 0.003 | 0.001 | 0.05 | 0.15 | 4 | <0.001 | <0.001 | 0.45 | 1.54 | <0.01 |
| 305904 | CMCSH0701 | | 26.5 | 27.5 | CORE | ACME ANALYTICAL | VAN07000388 | 0.001 | 0.002 | 0.04 | 0.12 | 5 | <0.001 | <0.001 | 0.33 | 1.31 | <0.01 |
| 305906 | CMCSH0701 | | 31.9 | 32.9 | CORE | ACME ANALYTICAL | VAN07000388 | 0.003 | 0.009 | 0.02 | 1.09 | 10 | <0.001 | <0.001 | 0.18 | 0.83 | <0.01 |
| 305907 | CMCSH0701 | | 32.9 | 33.5 | CORE | ACME ANALYTICAL | VAN07000388 | 0.003 | 0.009 | 0.08 | 0.21 | 31 | <0.001 | <0.001 | 0.79 | 2.43 | <0.01 |
| 305908 | CMCSH0701 | | 33.5 | 34.2 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.459 | 2.75 | 28.28 | 2069 | <0.001 | <0.001 | 0.67 | 3.56 | 0.34 |
| 305909 | CMCSH0701 | | 34.2 | 34.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.04 | 0.19 | 8 | <0.001 | <0.001 | 0.08 | 0.93 | <0.01 |
| 305911 | CMCSH0701 | | 34.8 | 35.7 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | 0.03 | 0.27 | 6 | <0.001 | <0.001 | 0.3 | 1.16 | <0.01 |
| 305912 | CMCSH0701 | | 35.7 | 36.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.04 | 0.52 | <2 | <0.001 | <0.001 | 0.32 | 1 | <0.01 |
| 305913 | CMCSH0701 | | 41 | 42 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.29 | <2 | <0.001 | <0.001 | 0.08 | 0.52 | <0.01 |
| 305914 | CMCSH0701 | | 42 | 43 | CORE | ACME ANALYTICAL | VAN07000388 | 0.001 | <0.001 | 0.03 | 0.32 | <2 | <0.001 | <0.001 | 0.53 | 1.37 | <0.01 |
| 305916 | CMCSH0701 | | 43 | 44 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.005 | 0.04 | 0.33 | 14 | <0.001 | <0.001 | 0.21 | 1.31 | <0.01 |
| 305917 | CMCSH0701 | | 44 | 45 | CORE | ACME ANALYTICAL | VAN07000388 | 0.013 | 0.004 | 0.06 | 0.17 | 12 | <0.001 | <0.001 | 0.08 | 1.19 | <0.01 |
| 305918 | CMCSH0701 | | 45 | 46 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.007 | 0.01 | 0.27 | 24 | <0.001 | <0.001 | 0.13 | 1.29 | <0.01 |
| 305919 | CMCSH0701 | | 46 | 47 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.006 | 0.09 | 0.39 | 22 | <0.001 | <0.001 | 0.51 | 1.89 | <0.01 |
| 305921 | CMCSH0701 | | 47 | 48 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.27 | <2 | <0.001 | <0.001 | 0.16 | 0.89 | <0.01 |
| 305922 | CMCSH0701 | | 60 | 60.3 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.009 | <0.01 | 2.79 | 15 | <0.001 | <0.001 | 1.13 | 3.71 | <0.01 |
| 305923 | CMCSH0701 | | 60.3 | 61.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.03 | 0.09 | 3 | <0.001 | <0.001 | 0.24 | 1.03 | <0.01 |
| 305924 | CMCSH0701 | | 61.5 | 62.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.004 | 0.02 | 0.09 | 6 | <0.001 | <0.001 | 0.17 | 0.84 | <0.01 |
| 305926 | CMCSH0701 | | 62.5 | 63.2 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.005 | 0.04 | 0.25 | 9 | <0.001 | <0.001 | 0.61 | 1.97 | <0.01 |
| 305927 | CMCSH0701 | | 63.2 | 63.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.014 | 0.11 | 2.72 | 27 | <0.001 | <0.001 | 1.19 | 3.52 | <0.01 |
| 305928 | CMCSH0701 | | 63.5 | 64.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.1 | 0.89 | <0.01 |
| 305929 | CMCSH0701 | | 68.85 | 69.35 | CORE | ACME ANALYTICAL | VAN07000388 | 0.024 | 0.002 | <0.01 | 0.01 | <2 | <0.001 | <0.001 | 0.05 | 0.88 | <0.01 |
| 305931 | CMCSH0702 | | 11 | 12 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.2 | <2 | <0.001 | <0.001 | 0.87 | 3.03 | 0.01 |
| 305932 | CMCSH0702 | | 12 | 13 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.04 | 0.25 | <2 | <0.001 | <0.001 | 1.06 | 3.03 | <0.01 |
| 305933 | CMCSH0702 | | 13 | 14 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.03 | 0.17 | <2 | <0.001 | <0.001 | 0.69 | 2.46 | <0.01 |
| 305934 | CMCSH0702 | | 14 | 15 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.09 | <2 | <0.001 | <0.001 | 0.71 | 2.58 | 0.04 |
| 305936 | CMCSH0702 | | 15 | 15.5 | CORE | ACME ANALYTICAL | VAN07000388 | 0.001 | <0.001 | 0.03 | 0.14 | <2 | <0.001 | <0.001 | 0.86 | 4.06 | 0.02 |
| 305937 | CMCSH0702 | | 9.5 | 11 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.007 | 0.02 | 0.15 | 2 | <0.001 | <0.001 | 0.13 | 1.16 | <0.01 |
| 305938 | CMCSH0703 | | 16 | 17 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.007 | 0.01 | 0.15 | 3 | <0.001 | <0.001 | 0.13 | 1.22 | <0.01 |
| 305939 | CMCSH0703 | | 18 | 19 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.02 | 0.15 | 5 | <0.001 | <0.001 | 0.35 | 1.32 | <0.01 |
| 305941 | CMCSH0703 | | 20 | 21 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.02 | 0.1 | <2 | <0.001 | <0.001 | 0.11 | 1.11 | <0.01 |
| 305942 | CMCSH0703 | | 22 | 23 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | 0.03 | 0.17 | 3 | <0.001 | <0.001 | 0.2 | 1.09 | <0.01 |
| 305943 | CMCSH0703 | | 24.5 | 25.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | 0.02 | 0.24 | 17 | <0.001 | <0.001 | 0.91 | 3.07 | <0.01 |
| 305944 | CMCSH0703 | | 25.5 | 26.4 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.007 | <0.01 | 0.05 | 47 | <0.001 | <0.001 | 0.78 | 2.78 | <0.01 |
| 305946 | CMCSH0703 | | 26.4 | 27 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.007 | 0.06 | 1.15 | 23 | <0.001 | <0.001 | 0.63 | 2.31 | <0.01 |
| 305947 | CMCSH0703 | | 27 | 27.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.01 | 0.2 | <2 | <0.001 | <0.001 | 0.76 | 2.55 | <0.01 |
| 305948 | CMCSH0703 | | 27.8 | 28.4 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.028 | 0.47 | 2.75 | 170 | <0.001 | <0.001 | 0.91 | 2.9 | 0.23 |
| 305949 | CMCSH0703 | | 28.4 | 29 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.08 | 1.54 | 4 | <0.001 | <0.001 | 0.78 | 2.4 | 0.02 |
| 305951 | CMCSH0703 | | 29 | 29.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | 0.02 | 1.22 | 4 | <0.001 | <0.001 | 0.56 | 2.16 | <0.01 |
| 305952 | CMCSH0703 | | 29.6 | 30 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.048 | 0.04 | 5.16 | 178 | <0.001 | <0.001 | 0.69 | 2.45 | 0.02 |
| 305953 | CMCSH0703 | | 30 | 30.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.02 | 0.73 | <2 | <0.001 | <0.001 | 0.69 | 2.49 | <0.01 |
| 305954 | CMCSH0703 | | 30.5 | 31.15 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.392 | 5.37 | 27.79 | 2011 | <0.001 | <0.001 | 0.3 | 2.25 | 0.08 |
| 305956 | CMCSH0703 | | 31.15 | 31.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | 0.11 | 0.35 | 13 | <0.001 | <0.001 | 0.77 | 3.36 | 0.02 |
| 305957 | CMCSH0703 | | 31.5 | 32.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.01 | 0.44 | 5 | <0.001 | <0.001 | 0.57 | 1.82 | <0.01 |
| 305958 | CMCSH0703 | | 32.5 | 33.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.001 | 0.01 | 0.5 | 3 | <0.001 | <0.001 | 0.45 | 1.64 | <0.01 |
| 305959 | CMCSH0703 | | 33.5 | 34.5 | CORE | ACME ANALYTICAL | VAN07000388 | 0.002 | <0.001 | 0.05 | 0.23 | <2 | <0.001 | <0.001 | 0.69 | 2.12 | <0.01 |
| 305961 | CMCSH0703 | | 46 | 46.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | <0.01 | 0.15 | <2 | <0.001 | <0.001 | 0.08 | 0.84 | <0.01 |

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|-------|------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 305962 | CMCSH0703 | | 46.8 | 47.1 | CORE | ACME ANALYTICAL | VAN07000388 | 0.005 | 0.004 | 0.03 | 1.03 | 4 | <0.001 | <0.001 | 0.44 | 1.85 | <0.01 |
| 305963 | CMCSH0703 | | 47.1 | 47.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.05 | 0.2 | 5 | <0.001 | <0.001 | 0.49 | 1.48 | <0.01 |
| 305964 | CMCSH0703 | | 69 | 70 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.05 | <2 | <0.001 | <0.001 | 0.13 | 1.37 | <0.01 |
| 305966 | CMCSH0703 | | 70 | 71 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.09 | 1.44 | <0.01 |
| 305967 | CMCSH0703 | | 71 | 72 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.05 | 0.37 | <2 | <0.001 | <0.001 | 0.58 | 2.26 | 0.02 |
| 305968 | CMCSH0703 | | 72 | 73 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.05 | 0.15 | <2 | <0.001 | <0.001 | 0.41 | 1.98 | <0.01 |
| 305969 | CMCSH0703 | | 73 | 74 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.06 | 0.13 | <2 | <0.001 | <0.001 | 0.45 | 2.16 | <0.01 |
| 305971 | CMCSH0703 | | 74 | 75 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.07 | 0.25 | 4 | <0.001 | <0.001 | 0.49 | 2.16 | <0.01 |
| 305972 | CMCSH0703 | | 75 | 76 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.03 | 0.54 | 4 | <0.001 | <0.001 | 0.85 | 2.48 | <0.01 |
| 305973 | CMCSH0703 | | 76 | 77 | CORE | ACME ANALYTICAL | VAN07000388 | 0.002 | <0.001 | 0.03 | 0.34 | <2 | <0.001 | 0.002 | 0.78 | 3.07 | 0.3 |
| 305974 | CMCSH0703 | | 77 | 78 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.41 | <2 | <0.001 | <0.001 | 1.23 | 3.37 | <0.01 |
| 305976 | CMCSH0703 | | 78 | 79 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | <0.01 | 0.29 | <2 | <0.001 | <0.001 | 1.19 | 3.09 | <0.01 |
| 305977 | CMCSH0703 | | 79 | 80 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.08 | 0.32 | 2 | <0.001 | <0.001 | 0.99 | 2.55 | <0.01 |
| 305978 | CMCSH0703 | | 67 | 68 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.13 | 1.69 | <0.01 |
| 305979 | CMCSH0703 | | 68 | 69 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.08 | <2 | <0.001 | <0.001 | 0.31 | 1.73 | <0.01 |
| 305981 | CMCSH0704 | | 30.8 | 31.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.01 | 0.07 | <2 | <0.001 | <0.001 | 0.16 | 0.99 | <0.01 |
| 305982 | CMCSH0704 | | 31.8 | 32.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.05 | 1.14 | <0.01 |
| 305983 | CMCSH0704 | | 32.8 | 33.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.04 | 0.55 | <2 | <0.001 | <0.001 | 0.47 | 1.24 | <0.01 |
| 305984 | CMCSH0704 | | 33.8 | 34.7 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | 0.06 | 2.02 | 5 | <0.001 | <0.001 | 0.75 | 2.24 | 0.09 |
| 305986 | CMCSH0704 | | 34.7 | 35.7 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.002 | <0.01 | 1.39 | 5 | <0.001 | <0.001 | 1.2 | 3.35 | <0.01 |
| 305987 | CMCSH0704 | | 35.7 | 36.7 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.001 | <0.01 | 0.69 | 3 | <0.001 | <0.001 | 0.64 | 2.03 | <0.01 |
| 305988 | CMCSH0704 | | 36.7 | 37.9 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.001 | <0.01 | 0.99 | <2 | 0.004 | 0.002 | 0.09 | 6.28 | <0.01 |
| 305989 | CMCSH0704 | | 37.9 | 38.5 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.02 | 0.03 | 4.62 | 39 | <0.001 | <0.001 | 0.23 | 1.38 | 0.21 |
| 305991 | CMCSH0704 | | 38.5 | 39.2 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.2 | <2 | <0.001 | <0.001 | 0.37 | 1.97 | <0.01 |
| 305992 | CMCSH0704 | | 39.2 | 39.8 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.013 | <0.01 | 2.45 | 8 | <0.001 | <0.001 | 0.31 | 1.25 | <0.01 |
| 305993 | CMCSH0704 | | 39.8 | 40.4 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.003 | <0.01 | 1.01 | 4 | <0.001 | <0.001 | 0.27 | 1.35 | 0.02 |
| 305994 | CMCSH0704 | | 40.4 | 41 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | 0.126 | 1.17 | 18.94 | 456 | <0.001 | <0.001 | 0.14 | 1.55 | 0.45 |
| 305996 | CMCSH0704 | | 41 | 41.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.02 | 0.73 | 4 | <0.001 | <0.001 | 1.17 | 3.55 | <0.01 |
| 305997 | CMCSH0704 | | 41.6 | 42.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | 0.07 | 0.67 | 2 | <0.001 | <0.001 | 0.64 | 1.66 | <0.01 |
| 305998 | CMCSH0704 | | 42.6 | 43.6 | CORE | ACME ANALYTICAL | VAN07000388 | <0.001 | <0.001 | <0.01 | 0.63 | <2 | <0.001 | <0.001 | 0.12 | 1.18 | <0.01 |
| 305999 | CMCSH0704 | | 52 | 53 | CORE | ACME ANALYTICAL | VAN07000388 | 0.002 | 0.003 | <0.01 | 0.1 | <2 | <0.001 | <0.001 | 0.08 | 1.07 | <0.01 |
| 701001 | CMCSH0705 | | 5.1 | 5.8 | CORE | ACME ANALYTICAL | VAN07000359 | 0.002 | 0.004 | 0.38 | 0.81 | 87 | 0.001 | <0.001 | 1.45 | 11.34 | <0.01 |
| 701002 | CMCSH0705 | | 13.9 | 14.5 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.006 | <0.001 | 0.34 | 7.56 | <0.01 |
| 701003 | CMCSH0705 | | 14.5 | 15 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.015 | 0.04 | 0.46 | 4 | 0.003 | 0.001 | 0.56 | 13.72 | <0.01 |
| 701004 | CMCSH0705 | | 15 | 15.55 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.23 | 8.13 | 17.84 | 751 | <0.001 | <0.001 | 0.82 | 14.14 | 0.06 |
| 701006 | CMCSH0705 | | 15.55 | 16.5 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.026 | 0.57 | 1.51 | 50 | <0.001 | <0.001 | 1.75 | 17.17 | <0.01 |
| 701007 | CMCSH0705 | | 16.5 | 17.3 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.003 | 0.1 | 0.5 | 6 | 0.001 | <0.001 | 1.08 | 9.24 | <0.01 |
| 701008 | CMCSH0705 | | 17.3 | 18.3 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.029 | 1.48 | 3.21 | 257 | 0.001 | <0.001 | 5.12 | 16.19 | <0.01 |
| 701009 | CMCSH0705 | | 18.3 | 19.3 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | <0.001 | 0.03 | 0.1 | <2 | 0.003 | <0.001 | 0.61 | 5.08 | <0.01 |
| 701011 | CMCSH0705 | | 19.3 | 20.3 | CORE | ACME ANALYTICAL | VAN07000359 | 0.013 | 0.006 | 0.03 | 0.13 | 4 | 0.004 | 0.002 | 0.5 | 6.11 | <0.01 |
| 701012 | CMCSH0705 | | 20.3 | 21.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.031 | <0.01 | 0.03 | <2 | 0.005 | 0.002 | 0.1 | 5.08 | <0.01 |
| 701013 | CMCSH0705 | | 21.3 | 22.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.036 | <0.01 | 0.02 | <2 | 0.005 | 0.002 | 0.06 | 5 | <0.01 |
| 701014 | CMCSH0705 | | 22.3 | 23.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.093 | <0.01 | 0.02 | <2 | 0.006 | 0.002 | 0.06 | 6.43 | <0.01 |
| 701016 | CMCSH0705 | | 23.3 | 24.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.035 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.04 | 5.18 | <0.01 |
| 701017 | CMCSH0705 | | 24.3 | 25.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.028 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.53 | <0.01 |
| 701018 | CMCSH0705 | | 25.3 | 26.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.017 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.06 | 2.72 | <0.01 |
| 701019 | CMCSH0705 | | 26.3 | 27 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.015 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.09 | 3.87 | <0.01 |
| 701021 | CMCSH0705 | | 27 | 27.7 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.089 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 3.99 | <0.01 |
| 701022 | CMCSH0705 | | 27.7 | 28.3 | CORE | ACME ANALYTICAL | VAN07000359 | 0.002 | 0.125 | <0.01 | 0.02 | <2 | 0.008 | 0.004 | 0.11 | 3.14 | <0.01 |

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|-------|------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 701023 | CMCSH0705 | | 34.2 | 35 | CORE | ACME ANALYTICAL | VAN07000359 | 0.003 | 0.008 | <0.01 | 0.11 | <2 | 0.004 | 0.001 | 0.33 | 7.25 | <0.01 |
| 701024 | CMCSH0705 | | 40 | 40.6 | CORE | ACME ANALYTICAL | VAN07000359 | 0.003 | 0.001 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.38 | 4.44 | <0.01 |
| 701026 | CMCSH0705 | | 40.6 | 41 | CORE | ACME ANALYTICAL | VAN07000359 | 0.005 | 0.002 | 0.05 | 0.05 | <2 | <0.001 | <0.001 | 0.64 | 10.11 | <0.01 |
| 701027 | CMCSH0705 | | 41 | 42 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.003 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.38 | 9.45 | <0.01 |
| 701028 | CMCSH0705 | | 42 | 42.7 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.004 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 9.61 | <0.01 |
| 701029 | CMCSH0705 | | 42.7 | 43.3 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.006 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 10.06 | <0.01 |
| 701031 | CMCSH0705 | | 43.3 | 43.9 | CORE | ACME ANALYTICAL | VAN07000359 | 0.005 | 0.005 | 0.03 | 0.17 | <2 | <0.001 | <0.001 | 0.68 | 11.19 | <0.01 |
| 701032 | CMCSH0705 | | 43.9 | 44.5 | CORE | ACME ANALYTICAL | VAN07000359 | 0.004 | 0.002 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.51 | 11.16 | <0.01 |
| 701033 | CMCSH0705 | | 44.5 | 45.5 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | <0.001 | <0.01 | 0.01 | <2 | 0.001 | <0.001 | 0.45 | 5.62 | <0.01 |
| 701034 | CMCSH0706 | | 5.7 | 6.6 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | <0.001 | <0.01 | 0.12 | <2 | <0.001 | <0.001 | 0.86 | 2.13 | <0.01 |
| 701036 | CMCSH0706 | | 6.6 | 7 | CORE | ACME ANALYTICAL | VAN07000359 | 0.002 | 0.006 | 0.77 | 1.46 | 156 | <0.001 | 0.001 | 2.07 | 10.57 | <0.01 |
| 701037 | CMCSH0706 | | 7 | 8 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.39 | 6.64 | <0.01 |
| 701038 | CMCSH0706 | | 8 | 9 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.39 | 6.07 | <0.01 |
| 701039 | CMCSH0706 | | 9 | 10 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.002 | 0.01 | 0.09 | <2 | <0.001 | 0.002 | 0.48 | 6.42 | <0.01 |
| 701041 | CMCSH0706 | | 10 | 11 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.006 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.33 | 8.17 | <0.01 |
| 701042 | CMCSH0706 | | 11 | 11.7 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.003 | <0.01 | 0.03 | <2 | <0.001 | 0.001 | 0.32 | 5.78 | <0.01 |
| 701043 | CMCSH0706 | | 13.6 | 14.1 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.004 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.41 | 6.51 | <0.01 |
| 701044 | CMCSH0706 | | 14.1 | 15.1 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.011 | <0.01 | 0.02 | <2 | <0.001 | 0.002 | 0.38 | 7.21 | <0.01 |
| 701046 | CMCSH0706 | | 15.1 | 16.1 | CORE | ACME ANALYTICAL | VAN07000359 | 0.001 | 0.004 | 0.04 | 0.1 | <2 | <0.001 | <0.001 | 0.45 | 9.52 | <0.01 |
| 701047 | CMCSH0706 | | 16.1 | 17 | CORE | ACME ANALYTICAL | VAN07000359 | <0.001 | 0.007 | 0.15 | 0.2 | 10 | <0.001 | <0.001 | 0.82 | 11.29 | <0.01 |
| 701048 | CMCSH0706 | | 17 | 17.55 | CORE | ACME ANALYTICAL | VAN07000359 | 0.002 | 0.001 | <0.01 | 0.1 | <2 | <0.001 | <0.001 | 0.57 | 8.01 | <0.01 |
| 701049 | CMCSH0706 | | 17.55 | 18.2 | CORE | ACME ANALYTICAL | VAN07000359 | 0.002 | 0.14 | 1.36 | 21.62 | 605 | <0.001 | <0.001 | 2.26 | 11.01 | <0.01 |
| 701051 | CMCSH0706 | | 18.2 | 18.8 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.014 | 0.43 | 3.28 | 63 | 0.002 | <0.001 | 1.33 | 6.43 | 0.01 |
| 701052 | CMCSH0706 | | 18.8 | 19.6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.015 | 0.43 | 1.61 | 40 | 0.006 | 0.002 | 1.03 | 6.91 | 0.02 |
| 701053 | CMCSH0706 | | 19.6 | 20.6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.013 | <0.01 | 0.07 | <2 | 0.005 | 0.002 | 0.06 | 5.08 | <0.01 |
| 701054 | CMCSH0706 | | 20.6 | 21.6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.004 | 0.001 | 0.04 | 3.29 | <0.01 |
| 701056 | CMCSH0706 | | 37.3 | 38 | CORE | ACME ANALYTICAL | VAN07001088 | 0.006 | 0.001 | <0.01 | 0.07 | <2 | 0.002 | <0.001 | 0.54 | 7.04 | <0.01 |
| 701057 | CMCSH0706 | | 38 | 38.7 | CORE | ACME ANALYTICAL | VAN07001088 | 0.005 | <0.001 | <0.01 | 0.15 | <2 | 0.001 | <0.001 | 0.83 | 6.61 | <0.01 |
| 701058 | CMCSH0706 | | 41.8 | 42.5 | CORE | ACME ANALYTICAL | VAN07001088 | 0.016 | 0.004 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.6 | 10.63 | <0.01 |
| 701059 | CMCSH0706 | | 53.7 | 54.3 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.019 | 0.02 | 0.05 | 15 | 0.004 | 0.002 | 0.42 | 5.12 | <0.01 |
| 701061 | CMCSH0706 | | 54.3 | 54.8 | CORE | ACME ANALYTICAL | VAN07001088 | 0.001 | 0.023 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.09 | 5.15 | <0.01 |
| 701062 | CMCSH0706 | | 54.8 | 55.6 | CORE | ACME ANALYTICAL | VAN07001088 | 0.002 | 0.019 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.07 | 4.62 | <0.01 |
| 701063 | CMCSH0706 | | 55.6 | 56.2 | CORE | ACME ANALYTICAL | VAN07001088 | 0.006 | 0.126 | <0.01 | 0.03 | <2 | 0.006 | 0.002 | 0.08 | 6.26 | <0.01 |
| 701064 | CMCSH0707 | | 4 | 5 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.012 | 0.27 | 0.7 | 31 | 0.006 | 0.002 | 1.48 | 8.57 | 0.02 |
| 701066 | CMCSH0707 | | 5 | 6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.008 | <0.01 | 0.09 | <2 | 0.005 | 0.001 | 0.07 | 3.32 | <0.01 |
| 701067 | CMCSH0707 | | 6 | 7 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.018 | 0.25 | 0.62 | 22 | 0.003 | <0.001 | 0.22 | 3.51 | <0.01 |
| 701068 | CMCSH0707 | | 7 | 8 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.018 | <0.01 | 0.07 | <2 | 0.003 | <0.001 | 0.11 | 3.2 | <0.01 |
| 701069 | CMCSH0707 | | 8 | 9 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.013 | <0.01 | 0.05 | <2 | 0.004 | <0.001 | 0.15 | 3.62 | <0.01 |
| 701071 | CMCSH0707 | | 9 | 10 | CORE | ACME ANALYTICAL | VAN07001088 | 0.002 | 0.009 | <0.01 | 0.2 | <2 | 0.003 | 0.001 | 0.2 | 5.31 | <0.01 |
| 701072 | CMCSH0707 | | 10 | 11.1 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.021 | 2.64 | 1.45 | 146 | 0.003 | 0.001 | 1.18 | 4.99 | <0.01 |
| 701073 | CMCSH0707 | | 11.1 | 11.7 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.008 | <0.01 | 0.08 | <2 | 0.003 | <0.001 | 0.17 | 3.64 | <0.01 |
| 701074 | CMCSH0707 | | 11.7 | 12.4 | CORE | ACME ANALYTICAL | VAN07001088 | 0.006 | 0.01 | 0.03 | 0.11 | 4 | 0.002 | <0.001 | 0.54 | 7.91 | <0.01 |
| 701076 | CMCSH0707 | | 12.4 | 13.4 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.08 | 7.64 | 4.78 | 1000 | 0.001 | 0.001 | 1.41 | 10.89 | 0.05 |
| 701077 | CMCSH0707 | | 13.4 | 14 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | <0.001 | <0.01 | 0.01 | 3 | 0.002 | <0.001 | 0.49 | 8.63 | <0.01 |
| 701078 | CMCSH0707 | | 14 | 14.4 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.079 | 11.17 | 4.46 | 1650 | <0.001 | <0.001 | 0.73 | 4.94 | <0.01 |
| 701079 | CMCSH0707 | | 14.4 | 15 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | <0.001 | 0.04 | 0.01 | 5 | 0.001 | <0.001 | 0.52 | 11.66 | <0.01 |
| 701081 | CMCSH0707 | | 15 | 16 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.002 | 0.2 | 0.02 | 16 | <0.001 | <0.001 | 0.57 | 11.84 | <0.01 |
| 701082 | CMCSH0707 | | 31.5 | 32.1 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.29 | 3.43 | <0.01 |
| 701083 | CMCSH0707 | | 32.1 | 32.6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.004 | 0.07 | 0.44 | <2 | 0.002 | <0.001 | 0.74 | 5.91 | <0.01 |

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|-------|------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 701084 | CMCSH0707 | | 32.6 | 34 | CORE | ACME ANALYTICAL | VAN07001088 | 0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.44 | 4.53 | <0.01 |
| 701086 | CMCSH0707 | | 34 | 34.4 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.003 | 0.06 | 0.23 | 3 | 0.005 | <0.001 | 0.61 | 3.5 | <0.01 |
| 701087 | CMCSH0707 | | 34.4 | 35.7 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.33 | 2.89 | <0.01 |
| 701088 | CMCSH0707 | | 35.7 | 36 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.052 | 6.13 | 2.46 | 529 | 0.002 | <0.001 | 1.46 | 5.48 | <0.01 |
| 701089 | CMCSH0707 | | 36 | 36.6 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | <0.001 | 0.02 | 0.01 | 2 | 0.001 | <0.001 | 0.24 | 2.41 | <0.01 |
| 701091 | CMCSH0707 | | 43.9 | 44.9 | CORE | ACME ANALYTICAL | VAN07001088 | 0.008 | 0.01 | 0.03 | 0.03 | <2 | <0.001 | <0.001 | 0.36 | 11.67 | <0.01 |
| 701092 | CMCSH0707 | | 44.9 | 45.5 | CORE | ACME ANALYTICAL | VAN07001088 | 0.003 | 0.016 | <0.01 | <0.01 | <2 | 0.001 | 0.002 | 0.39 | 12.82 | <0.01 |
| 701093 | CMCSH0707 | | 45.5 | 46.5 | CORE | ACME ANALYTICAL | VAN07001088 | 0.002 | 0.078 | <0.01 | 0.01 | <2 | 0.003 | 0.004 | 0.22 | 9.29 | <0.01 |
| 701094 | CMCSH0707 | | 48.8 | 49.5 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.005 | 0.02 | 0.07 | 3 | 0.004 | 0.001 | 0.22 | 4.4 | <0.01 |
| 701096 | CMCSH0707 | | 49.5 | 50.5 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.004 | 0.02 | 0.09 | 2 | 0.004 | 0.001 | 0.17 | 4.45 | <0.01 |
| 701097 | CMCSH0707 | | 50.5 | 51.1 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.004 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.04 | 5.53 | <0.01 |
| 701098 | CMCSH0707 | | 56 | 57 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.005 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.05 | 3.2 | <0.01 |
| 701099 | CMCSH0707 | | 58 | 59 | CORE | ACME ANALYTICAL | VAN07001088 | <0.001 | 0.006 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.06 | 2.32 | <0.01 |
| 701101 | CMCSH0708 | | 6.5 | 7 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | <0.01 | 0.03 | <2 | 0.003 | 0.002 | 0.09 | 3.62 | <0.01 |
| 701102 | CMCSH0708 | | 7 | 8.2 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.004 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.05 | <0.01 |
| 701103 | CMCSH0708 | | 8.2 | 9.2 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.007 | <0.01 | 0.02 | <2 | 0.005 | 0.002 | 0.04 | 5.4 | <0.01 |
| 701104 | CMCSH0708 | | 9.2 | 9.8 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.011 | <0.01 | 0.12 | <2 | 0.004 | 0.002 | 0.1 | 4.78 | <0.01 |
| 701106 | CMCSH0708 | | 9.8 | 10.8 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.006 | <0.01 | 0.01 | <2 | 0.003 | 0.002 | 0.08 | 3.32 | <0.01 |
| 701107 | CMCSH0708 | | 10.8 | 11.6 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.004 | <0.01 | <0.01 | <2 | 0.002 | 0.001 | 0.04 | 2.41 | <0.01 |
| 701108 | CMCSH0708 | | 11.6 | 12.3 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.012 | 0.05 | 0.06 | 4 | 0.003 | 0.002 | 0.13 | 3.76 | <0.01 |
| 701109 | CMCSH0708 | | 12.3 | 13.3 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.008 | 0.11 | 0.24 | 11 | 0.003 | 0.001 | 0.75 | 4.7 | <0.01 |
| 701111 | CMCSH0708 | | 13.3 | 14.1 | CORE | ACME ANALYTICAL | VAN07001417 | 0.002 | 0.012 | 0.84 | 2.12 | 52 | 0.003 | 0.001 | 2.23 | 7.02 | <0.01 |
| 701112 | CMCSH0708 | | 14.1 | 15.2 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.006 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.29 | 2.74 | <0.01 |
| 701113 | CMCSH0708 | | 15.2 | 16 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.012 | 0.18 | 0.53 | 22 | 0.003 | 0.002 | 1.22 | 4.77 | <0.01 |
| 701114 | CMCSH0708 | | 16 | 16.7 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.016 | 0.04 | 0.08 | 12 | 0.003 | 0.001 | 0.42 | 3.97 | <0.01 |
| 701116 | CMCSH0708 | | 16.7 | 17.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.013 | 0.17 | 0.25 | 37 | 0.003 | <0.001 | 0.56 | 3.6 | <0.01 |
| 701117 | CMCSH0708 | | 17.5 | 18.3 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.017 | <0.01 | 0.07 | 2 | 0.003 | 0.002 | 0.13 | 3.28 | <0.01 |
| 701118 | CMCSH0708 | | 18.3 | 19.1 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.001 | 0.19 | 0.52 | 11 | 0.002 | <0.001 | 2.45 | 6.68 | <0.01 |
| 701119 | CMCSH0708 | | 19.1 | 20 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.004 | 0.34 | 1.8 | 18 | 0.001 | <0.001 | 2.94 | 8.61 | 0.02 |
| 701121 | CMCSH0708 | | 20 | 20.6 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.029 | 1.75 | 8.67 | 152 | <0.001 | <0.001 | 4.21 | 10.94 | <0.01 |
| 701122 | CMCSH0708 | | 20.6 | 21.2 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | 3.2 | 2.06 | 97 | <0.001 | <0.001 | 3.83 | 15.33 | 0.03 |
| 701123 | CMCSH0708 | | 21.2 | 21.8 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.003 | 0.03 | 0.1 | <2 | 0.001 | <0.001 | 0.73 | 7.61 | <0.01 |
| 701124 | CMCSH0708 | | 24.5 | 25.1 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.003 | 0.06 | 0.05 | 2 | 0.002 | <0.001 | 0.5 | 4.82 | <0.01 |
| 701126 | CMCSH0708 | | 25.1 | 25.7 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.047 | >4.00 | 8.57 | >300 | <0.001 | <0.001 | 0.6 | 2.71 | <0.01 |
| 701127 | CMCSH0708 | | 25.7 | 26.45 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | <0.001 | 0.06 | 0.06 | 6 | 0.002 | <0.001 | 0.45 | 3.17 | <0.01 |
| 701128 | CMCSH0708 | | 26.45 | 27.15 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.01 | 0.6 | 10.34 | 225 | 0.001 | 0.002 | 6.34 | 19.79 | 0.29 |
| 701129 | CMCSH0708 | | 27.15 | 27.85 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.012 | 0.83 | 10.49 | 33 | <0.001 | 0.001 | 7.1 | 21.58 | 0.23 |
| 701131 | CMCSH0708 | | 27.85 | 28.6 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.004 | 0.52 | 4.79 | 21 | <0.001 | <0.001 | 8.46 | 26.02 | 0.02 |
| 701132 | CMCSH0708 | | 28.6 | 29.3 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.001 | 0.06 | 3.21 | 10 | <0.001 | <0.001 | 9.34 | 29.76 | <0.01 |
| 701133 | CMCSH0708 | | 29.3 | 30.2 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.001 | 0.19 | 2.45 | 7 | <0.001 | <0.001 | 8.82 | 29.83 | <0.01 |
| 701134 | CMCSH0708 | | 30.2 | 31.1 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.009 | 1.07 | 3.26 | 19 | <0.001 | <0.001 | 8.99 | 27.68 | <0.01 |
| 701136 | CMCSH0708 | | 31.1 | 32 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.005 | 1.21 | 3.25 | 23 | <0.001 | <0.001 | 10.61 | 29.79 | <0.01 |
| 701137 | CMCSH0708 | | 32 | 33 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.008 | 2.81 | 4.54 | 57 | <0.001 | <0.001 | 9.37 | 27.44 | <0.01 |
| 701138 | CMCSH0708 | | 33 | 33.85 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.005 | 0.58 | 2.56 | 14 | <0.001 | <0.001 | 12.17 | 31.41 | <0.01 |
| 701139 | CMCSH0708 | | 33.85 | 34.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.02 | 2.6 | 14.94 | 61 | <0.001 | <0.001 | 8.43 | 24.22 | <0.01 |
| 701141 | CMCSH0708 | | 34.5 | 35.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.003 | 1.34 | 2.4 | 19 | <0.001 | <0.001 | 9.18 | 30.89 | <0.01 |
| 701142 | CMCSH0708 | | 35.5 | 36.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.004 | 1.18 | 2.79 | 18 | <0.001 | <0.001 | 9.65 | 30 | <0.01 |
| 701143 | CMCSH0708 | | 36.5 | 37.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | 0.77 | 2.42 | 17 | <0.001 | <0.001 | 10.69 | 31.96 | <0.01 |
| 701144 | CMCSH0708 | | 37.5 | 38.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | 0.42 | 1.18 | 6 | <0.001 | <0.001 | 6.94 | 22.04 | <0.01 |

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|------|------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 701146 | CMCSH0708 | | 38.5 | 39.4 | CORE | ACME ANALYTICAL | VAN07001417 | 0.001 | <0.001 | 0.23 | 0.73 | 3 | <0.001 | <0.001 | 11.28 | 34.99 | <0.01 |
| 701147 | CMCSH0708 | | 39.4 | 40.4 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | 0.32 | 2.54 | 7 | <0.001 | <0.001 | 10.11 | 31.71 | <0.01 |
| 701148 | CMCSH0708 | | 40.4 | 41.4 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.003 | 0.76 | 2.52 | 12 | <0.001 | <0.001 | 9.73 | 30.88 | <0.01 |
| 701149 | CMCSH0708 | | 41.4 | 42.5 | CORE | ACME ANALYTICAL | VAN07001417 | <0.001 | 0.002 | 0.38 | 3.86 | 10 | <0.001 | <0.001 | 10.07 | 27.05 | <0.01 |
| 701151 | CMCSH0708 | | 42.5 | 43.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.004 | <0.001 | 0.02 | 0.05 | <2 | 0.002 | <0.001 | 0.64 | 4.54 | <0.01 |
| 701152 | CMCSH0709 | | 10.6 | 11.6 | CORE | ACME ANALYTICAL | VAN07001418 | 0.001 | 0.002 | <0.01 | 0.17 | 10 | 0.001 | <0.001 | 0.39 | 3.24 | <0.01 |
| 701153 | CMCSH0709 | | 11.6 | 12.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.24 | 6 | 0.002 | <0.001 | 0.58 | 3.26 | <0.01 |
| 701154 | CMCSH0709 | | 12.6 | 13.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.4 | 5 | 0.002 | <0.001 | 0.86 | 3.67 | <0.01 |
| 701156 | CMCSH0709 | | 13.6 | 14.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.25 | <2 | 0.002 | <0.001 | 0.62 | 3.35 | <0.01 |
| 701157 | CMCSH0709 | | 14.6 | 15.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.1 | <2 | 0.001 | <0.001 | 0.45 | 2.05 | <0.01 |
| 701158 | CMCSH0709 | | 15.6 | 16.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.13 | <2 | <0.001 | <0.001 | 0.3 | 1.29 | <0.01 |
| 701159 | CMCSH0709 | | 16.6 | 17.2 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.1 | 3 | <0.001 | <0.001 | 0.26 | 0.62 | <0.01 |
| 701161 | CMCSH0709 | | 9.6 | 10.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.16 | 0.97 | 0.01 |
| 701162 | CMCSH0709 | | 17.2 | 18.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.005 | 0.003 | 0.41 | 2.65 | 15 | <0.001 | <0.001 | 4.76 | 32.93 | 0.02 |
| 701163 | CMCSH0709 | | 18.2 | 19.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.006 | 0.012 | 0.86 | 3.56 | 65 | <0.001 | <0.001 | 6.17 | 36.82 | 0.11 |
| 701164 | CMCSH0709 | | 19.2 | 20.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.003 | 0.041 | 0.83 | 2.86 | 72 | <0.001 | <0.001 | 1.34 | 20.17 | 0.09 |
| 701166 | CMCSH0709 | | 20.2 | 21.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.004 | 0.008 | 0.67 | 2.34 | 43 | 0.005 | 0.002 | 7.47 | 21.33 | 0.08 |
| 701167 | CMCSH0709 | | 21.2 | 22.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.006 | 0.004 | 0.27 | 3.47 | 50 | 0.003 | 0.002 | 7.8 | 11.67 | 0.03 |
| 701168 | CMCSH0709 | | 22.2 | 23.2 | CORE | ACME ANALYTICAL | VAN07001418 | 0.004 | 0.006 | 0.52 | 18 | 13 | 0.004 | 0.001 | 3.14 | 2.29 | <0.01 |
| 701169 | CMCSH0709 | | 23.2 | 24.2 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.008 | 0.01 | 1.85 | 3 | 0.002 | <0.001 | 0.35 | 2.12 | <0.01 |
| 701171 | CMCSH0709 | | 24.2 | 25.2 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.01 | 0.02 | 0.7 | 3 | 0.003 | 0.001 | 0.33 | 2.72 | <0.01 |
| 701172 | CMCSH0709 | | 25.2 | 26 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.004 | <0.01 | 0.44 | 3 | 0.003 | 0.001 | 0.03 | 3.29 | <0.01 |
| 701173 | CMCSH0709 | | 26 | 27 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.006 | <0.01 | 0.35 | 3 | 0.008 | 0.002 | 0.08 | 3.39 | <0.01 |
| 701174 | CMCSH0709 | | 27 | 28 | CORE | ACME ANALYTICAL | VAN07001418 | 0.028 | <0.001 | <0.01 | 0.12 | <2 | 0.001 | <0.001 | 0.29 | 1.95 | <0.01 |
| 701176 | CMCSH0709 | | 28 | 29 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | 0.003 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.27 | 2.85 | <0.01 |
| 701177 | CMCSH0709 | | 29 | 30 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.19 | <2 | <0.001 | <0.001 | 0.3 | 2.05 | <0.01 |
| 701178 | CMCSH0709 | | 30 | 31 | CORE | ACME ANALYTICAL | VAN07001418 | 0.004 | 0.005 | <0.01 | 4.07 | 9 | 0.004 | 0.001 | 4.38 | 3.62 | 0.02 |
| 701179 | CMCSH0709 | | 31 | 32 | CORE | ACME ANALYTICAL | VAN07001418 | 0.038 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.39 | 2.16 | <0.01 |
| 701181 | CMCSH0709 | | 32 | 33 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.001 | <0.01 | 0.15 | <2 | <0.001 | <0.001 | 0.23 | 1.31 | <0.01 |
| 701182 | CMCSH0709 | | 33 | 34 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.28 | <2 | <0.001 | <0.001 | 0.24 | 1.69 | <0.01 |
| 701183 | CMCSH0709 | | 34 | 35 | CORE | ACME ANALYTICAL | VAN07001418 | 0.003 | 0.004 | <0.01 | 1.63 | <2 | <0.001 | 0.002 | 0.66 | 4.05 | <0.01 |
| 701184 | CMCSH0709 | | 35 | 36 | CORE | ACME ANALYTICAL | VAN07001418 | 0.032 | <0.001 | <0.01 | 0.04 | <2 | 0.001 | <0.001 | 0.4 | 2.92 | <0.01 |
| 701186 | CMCSH0709 | | 36 | 37 | CORE | ACME ANALYTICAL | VAN07001418 | 0.042 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 2.96 | <0.01 |
| 701187 | CMCSH0709 | | 37 | 38 | CORE | ACME ANALYTICAL | VAN07001418 | 0.008 | 0.002 | <0.01 | 0.03 | <2 | <0.001 | <0.001 | 0.41 | 3.52 | <0.01 |
| 701188 | CMCSH0709 | | 38 | 39 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | <0.001 | <0.01 | 0.08 | <2 | 0.001 | <0.001 | 0.39 | 2.94 | <0.01 |
| 701189 | CMCSH0709 | | 39 | 40 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | <0.001 | <0.01 | 0.11 | <2 | 0.001 | <0.001 | 0.45 | 2.48 | <0.01 |
| 701191 | CMCSH0709 | | 40 | 41 | CORE | ACME ANALYTICAL | VAN07001418 | 0.006 | <0.001 | <0.01 | 0.02 | <2 | 0.001 | <0.001 | 0.32 | 2.29 | <0.01 |
| 701192 | CMCSH0709 | | 41 | 42 | CORE | ACME ANALYTICAL | VAN07001418 | 0.006 | <0.001 | <0.01 | 0.01 | <2 | <0.001 | <0.001 | 0.4 | 2.17 | <0.01 |
| 701193 | CMCSH0709 | | 42 | 43 | CORE | ACME ANALYTICAL | VAN07001418 | 0.001 | 0.007 | <0.01 | 0.02 | <2 | 0.002 | 0.001 | 0.28 | 2.76 | <0.01 |
| 701194 | CMCSH0709 | | 43 | 44 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.006 | <0.01 | 0.02 | <2 | 0.003 | 0.001 | 0.07 | 3.22 | <0.01 |
| 701196 | CMCSH0709 | | 44 | 45 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.03 | 3.45 | <0.01 |
| 701197 | CMCSH0709 | | 45 | 46 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.002 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.07 | 2.22 | <0.01 |
| 701198 | CMCSH0709 | | 46 | 47 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | 0.003 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.03 | 2.78 | <0.01 |
| 701199 | CMCSH0709 | | 47 | 48 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | 0.005 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.09 | <0.01 |
| 701201 | CMCSH0709 | | 48 | 49 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.006 | <0.01 | 0.01 | <2 | 0.002 | <0.001 | 0.03 | 0.93 | <0.01 |
| 701202 | CMCSH0709 | | 49 | 50 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.006 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.06 | 1.02 | <0.01 |
| 701203 | CMCSH0710 | | 16 | 16.6 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.04 | <2 | 0.001 | <0.001 | 0.51 | 1.41 | <0.01 |
| 701204 | CMCSH0710 | | 32.9 | 33.9 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.006 | <0.01 | 0.03 | <2 | 0.003 | 0.001 | 0.05 | 3.07 | <0.01 |
| 701206 | CMCSH0710 | | 33.9 | 34.9 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | 0.013 | <0.01 | 0.16 | <2 | 0.003 | <0.001 | 0.34 | 1.51 | <0.01 |

2007 Drill and Rock Assays

| Sample_ID | Ref_ID | Report ref | From_m | To_m | Type | Lab | MDL Certificate | 7AR Mo% 0.001 | 7AR Cu% 0.001 | 7AR Pb% 0.01 | 7AR Zn% 0.01 | 7AR AgGM/T 2 | 7AR Ni% 0.001 | 7AR Co% 0.001 | 7AR Mn% 0.01 | 7AR Fe% 0.01 | 7AR As% 0.01 |
|-----------|-----------|------------|--------|------|-------|-----------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| 701207 | CMCSH0710 | | 34.9 | 35.7 | CORE | ACME ANALYTICAL | VAN07001418 | <0.001 | <0.001 | <0.01 | 0.05 | <2 | <0.001 | <0.001 | 0.13 | 0.94 | <0.01 |
| 701208 | CMCSH0710 | | 35.7 | 36.7 | CORE | ACME ANALYTICAL | VAN07001418 | 0.012 | 0.003 | <0.01 | 0.13 | <2 | 0.001 | <0.001 | 0.24 | 1.51 | <0.01 |
| 701209 | CMCSH0710 | | 36.7 | 37.4 | CORE | ACME ANALYTICAL | VAN07001418 | 0.002 | 0.066 | <0.01 | 1.94 | 12 | 0.002 | 0.002 | 0.48 | 12.54 | 0.02 |
| 701211 | CMCSH0710 | | 37.4 | 38 | CORE | ACME ANALYTICAL | VAN07001583 | 0.003 | 0.033 | 0.05 | 0.99 | 42 | 0.003 | 0.002 | 0.93 | 8.73 | 0.02 |
| 701212 | CMCSH0710 | | 45.7 | 46.5 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.006 | <0.01 | 1.2 | 2 | 0.003 | 0.001 | 0.44 | 3.3 | <0.01 |
| 701213 | CMCSH0710 | | 51.4 | 52.2 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.002 | <0.001 | 0.09 | 1.95 | <0.01 |
| 701214 | CMCSH0711 | | 12 | 12.7 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | <0.001 | <0.01 | 0.29 | <2 | <0.001 | <0.001 | 0.22 | 2.63 | <0.01 |
| 701216 | CMCSH0711 | | 12.7 | 13.3 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | <0.001 | <0.01 | 3.81 | <2 | <0.001 | 0.011 | 0.24 | 1.67 | <0.01 |
| 701217 | CMCSH0711 | | 13.3 | 14.2 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.002 | <0.01 | 0.18 | <2 | 0.001 | <0.001 | 0.12 | 0.72 | <0.01 |
| 701218 | CMCSH0711 | | 14.2 | 14.7 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.003 | 0.12 | 0.5 | 3 | 0.006 | 0.001 | 1.58 | 6.56 | <0.01 |
| 701219 | CMCSH0711 | | 14.7 | 15.4 | CORE | ACME ANALYTICAL | VAN07001583 | 0.001 | 0.001 | 0.02 | 0.12 | <2 | <0.001 | <0.001 | 0.12 | 0.78 | <0.01 |
| 701221 | CMCSH0711 | | 15.4 | 16.4 | CORE | ACME ANALYTICAL | VAN07001583 | 0.002 | 0.011 | <0.01 | 1.87 | <2 | 0.001 | 0.007 | 0.33 | 1.3 | <0.01 |
| 701222 | CMCSH0711 | | 16.4 | 17.4 | CORE | ACME ANALYTICAL | VAN07001583 | 0.009 | <0.001 | <0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.32 | 1.21 | <0.01 |
| 701223 | CMCSH0711 | | 17.4 | 18.4 | CORE | ACME ANALYTICAL | VAN07001583 | 0.005 | <0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.33 | 1.37 | <0.01 |
| 701224 | CMCSH0711 | | 18.4 | 19.4 | CORE | ACME ANALYTICAL | VAN07001583 | 0.005 | <0.001 | <0.01 | 0.02 | <2 | 0.001 | <0.001 | 0.27 | 1.43 | <0.01 |
| 701226 | CMCSH0711 | | 19.4 | 20 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.001 | <0.01 | 0.41 | <2 | <0.001 | <0.001 | 0.25 | 1.11 | <0.01 |
| 701227 | CMCSH0711 | | 20 | 21 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.006 | <0.01 | 0.48 | <2 | <0.001 | <0.001 | 0.11 | 1.38 | <0.01 |
| 701228 | CMCSH0711 | | 21 | 22 | CORE | ACME ANALYTICAL | VAN07001583 | 0.016 | 0.006 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.12 | 1.48 | <0.01 |
| 701229 | CMCSH0711 | | 22 | 22.5 | CORE | ACME ANALYTICAL | VAN07001583 | 0.024 | <0.001 | <0.01 | 0.01 | <2 | 0.001 | <0.001 | 0.18 | 1.3 | <0.01 |
| 701231 | CMCSH0711 | | 22.5 | 23.5 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.027 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.03 | 3.74 | <0.01 |
| 701232 | CMCSH0711 | | 26.5 | 27.1 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.08 | 1.09 | <0.01 |
| 701233 | CMCSH0711 | | 27.1 | 27.6 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.07 | 0.95 | <0.01 |
| 701234 | CMCSH0711 | | 27.6 | 28.1 | CORE | ACME ANALYTICAL | VAN07001583 | 0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.03 | 0.91 | <0.01 |
| 701236 | CMCSH0711 | | 36.4 | 37 | CORE | ACME ANALYTICAL | VAN07001583 | 0.005 | 0.001 | <0.01 | 0.06 | <2 | 0.001 | <0.001 | 0.26 | 0.99 | <0.01 |
| 701237 | CMCSH0711 | | 37 | 37.8 | CORE | ACME ANALYTICAL | VAN07001583 | 0.036 | <0.001 | <0.01 | 0.03 | <2 | <0.001 | <0.001 | 0.3 | 1.17 | <0.01 |
| 701238 | CMCSH0711 | | 37.8 | 38.6 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.005 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.25 | 3.62 | <0.01 |
| 701239 | CMCSH0711 | | 38.6 | 40 | CORE | ACME ANALYTICAL | VAN07001583 | 0.001 | 0.029 | <0.01 | 0.25 | 5 | 0.006 | 0.003 | 0.35 | 5.95 | 0.06 |
| 701241 | CMCSH0711 | | 59 | 59.7 | CORE | ACME ANALYTICAL | VAN07001583 | 0.002 | 0.001 | 0.01 | 0.03 | <2 | 0.001 | <0.001 | 0.49 | 2.62 | <0.01 |
| 701242 | CMCSH0711 | | 59.7 | 60.2 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.002 | >4.00 | 1.97 | 81 | 0.001 | <0.001 | 1.47 | 3.87 | <0.01 |
| 701243 | CMCSH0711 | | 60.2 | 61 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.004 | 0.19 | 0.23 | 20 | 0.003 | 0.001 | 0.7 | 3.46 | <0.01 |
| 701244 | CMCSH0711 | | 61 | 62 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.019 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.17 | 3 | <0.01 |
| 701246 | CMCSH0711 | | 66.9 | 67.5 | CORE | ACME ANALYTICAL | VAN07001583 | <0.001 | 0.092 | <0.01 | <0.01 | <2 | 0.004 | 0.004 | 0.02 | 7.98 | <0.01 |
| 701247 | FA07056 | | | | CHIP | ACME ANALYTICAL | A706780 | 0.001 | 0.003 | 0.22 | 1.15 | | 0.002 | 0.001 | 2.84 | 6.96 | 0.01 |
| 701248 | FA07056 | | | | CHIP | ACME ANALYTICAL | A706780 | 0.001 | 0.044 | 83.01 | 0.03 | | <.001 | <.001 | 0.02 | 0.11 | <.01 |
| 701249 | FA07056 | | | | CHIP | ACME ANALYTICAL | A706780 | 0.001 | 0.009 | 2.09 | 4.51 | | 0.002 | <.001 | 1.8 | 4.82 | 0.39 |
| 701251 | FA07067 | | | | FLOAT | ACME ANALYTICAL | A706780 | <.001 | 0.041 | 2.51 | 0.02 | | 0.009 | 0.009 | 0.03 | 22.32 | <.01 |
| 701252 | FA07078 | | | | GRAB | ACME ANALYTICAL | A706780 | 0.05 | 0.008 | 65.62 | 0.16 | | <.001 | <.001 | 0.2 | 3.5 | <.01 |
| 701253 | FA07113 | | | | CHIP | ACME ANALYTICAL | A706780 | 0.001 | 0.005 | 0.63 | 4.87 | | 0.001 | <.001 | 5.67 | 17.37 | 0.87 |
| 701254 | FA07112 | | | | CHIP | ACME ANALYTICAL | A706780 | 0.014 | 0.008 | 1.4 | 2.06 | | 0.001 | <.001 | 10.47 | 25.83 | 0.01 |
| 701256 | FA07111 | | | | GRAB | ACME ANALYTICAL | A706780 | 0.008 | 0.003 | 0.76 | 2.3 | | <.001 | <.001 | 8.87 | 39.31 | 0.01 |
| 701257 | FA07110 | | 0 | 5 | CHIP | ACME ANALYTICAL | A706780 | 0.009 | 0.009 | 2.72 | 3.38 | | <.001 | <.001 | 6.78 | 35.92 | 0.02 |
| 701258 | FA07110 | | 5 | 10 | CHIP | ACME ANALYTICAL | A706780 | 0.007 | 0.016 | 6.21 | 3.34 | | <.001 | <.001 | 9.24 | 35.49 | 0.13 |
| 701259 | FA07110 | | 10 | 15 | CHIP | ACME ANALYTICAL | A706780 | 0.008 | 0.004 | 5.17 | 1.95 | | <.001 | <.001 | 10.89 | 40.4 | <.01 |
| 701261 | FA07110 | | 15 | 20 | CHIP | ACME ANALYTICAL | A706780 | 0.008 | 0.007 | 1.95 | 2.53 | | <.001 | <.001 | 9.69 | 35.55 | 0.01 |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 305901 | CMCSH0701 | 0.001 | <0.001 | 0.003 | <0.01 | 0.13 | 0.046 | <0.001 | 0.04 | 0.49 | <0.01 | 0.43 | <0.001 | <0.001 | | | N.A. | N.A. | 1.6 |
| 305902 | CMCSH0701 | 0.001 | <0.001 | <0.001 | <0.01 | 0.18 | 0.052 | <0.001 | 0.07 | 0.37 | <0.01 | 0.39 | <0.001 | <0.001 | | | N.A. | N.A. | 2.3 |
| 305903 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.14 | 0.047 | <0.001 | 0.06 | 0.36 | <0.01 | 0.38 | <0.001 | <0.001 | | | N.A. | N.A. | 1.8 |
| 305904 | CMCSH0701 | <0.001 | <0.001 | 0.004 | <0.01 | 0.13 | 0.049 | <0.001 | 0.04 | 0.36 | <0.01 | 0.38 | <0.001 | <0.001 | | | N.A. | N.A. | 2.7 |
| 305906 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.046 | <0.001 | 0.05 | 0.34 | <0.01 | 0.33 | 0.003 | <0.001 | | | N.A. | N.A. | 1.8 |
| 305907 | CMCSH0701 | <0.001 | <0.001 | 0.004 | <0.01 | 0.18 | 0.047 | <0.001 | 0.09 | 0.42 | <0.01 | 0.38 | <0.001 | <0.001 | | | N.A. | N.A. | 1.6 |
| 305908 | CMCSH0701 | <0.001 | 0.069 | 0.105 | <0.01 | 0.02 | 0.005 | <0.001 | 0.02 | 0.13 | <0.01 | 0.11 | 0.042 | <0.001 | | | 0.37 | | 1.7 |
| 305909 | CMCSH0701 | <0.001 | <0.001 | 0.002 | <0.01 | 0.04 | 0.017 | <0.001 | 0.01 | 0.24 | <0.01 | 0.23 | 0.001 | <0.001 | | | N.A. | N.A. | 1.6 |
| 305911 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.05 | 0.011 | <0.001 | 0.04 | 0.22 | <0.01 | 0.23 | 0.001 | <0.001 | | | N.A. | N.A. | 2.2 |
| 305912 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.1 | 0.026 | <0.001 | 0.05 | 0.38 | <0.01 | 0.4 | 0.002 | <0.001 | | | N.A. | N.A. | 2 |
| 305913 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.14 | 0.015 | <0.001 | 0.04 | 0.29 | <0.01 | 0.32 | 0.001 | <0.001 | | | N.A. | N.A. | 2.2 |
| 305914 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.13 | 0.022 | <0.001 | 0.06 | 0.33 | <0.01 | 0.34 | 0.002 | <0.001 | | | N.A. | N.A. | 2.4 |
| 305916 | CMCSH0701 | 0.003 | <0.001 | <0.001 | <0.01 | 0.59 | 0.095 | <0.001 | 0.12 | 0.41 | <0.01 | 0.37 | 0.002 | <0.001 | | | N.A. | N.A. | 2.4 |
| 305917 | CMCSH0701 | 0.004 | <0.001 | <0.001 | <0.01 | 0.81 | 0.054 | <0.001 | 0.15 | 0.35 | <0.01 | 0.36 | <0.001 | <0.001 | | | N.A. | N.A. | 2.4 |
| 305918 | CMCSH0701 | 0.008 | <0.001 | <0.001 | <0.01 | 1.35 | 0.052 | <0.001 | 0.25 | 0.36 | <0.01 | 0.34 | 0.002 | <0.001 | | | N.A. | N.A. | 2.3 |
| 305919 | CMCSH0701 | 0.001 | <0.001 | 0.001 | <0.01 | 0.42 | 0.055 | <0.001 | 0.11 | 0.36 | <0.01 | 0.36 | 0.003 | <0.001 | | | N.A. | N.A. | 2.7 |
| 305921 | CMCSH0701 | 0.002 | <0.001 | <0.001 | <0.01 | 0.64 | 0.036 | <0.001 | 0.12 | 0.33 | <0.01 | 0.33 | 0.002 | <0.001 | | | N.A. | N.A. | 2.5 |
| 305922 | CMCSH0701 | <0.001 | 0.005 | 0.002 | <0.01 | 0.1 | 0.024 | <0.001 | 0.05 | 0.32 | <0.01 | 0.36 | 0.011 | <0.001 | | | 0.01 | | 0.9 |
| 305923 | CMCSH0701 | 0.002 | <0.001 | <0.001 | <0.01 | 0.33 | 0.031 | <0.001 | 0.08 | 0.45 | <0.01 | 0.36 | <0.001 | <0.001 | | | <0.01 | | 2.8 |
| 305924 | CMCSH0701 | 0.001 | <0.001 | <0.001 | <0.01 | 0.22 | 0.029 | <0.001 | 0.05 | 0.36 | <0.01 | 0.32 | <0.001 | <0.001 | | | <0.01 | | 2.4 |
| 305926 | CMCSH0701 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.041 | <0.001 | 0.07 | 0.34 | <0.01 | 0.35 | 0.002 | <0.001 | | | <0.01 | | 1.8 |
| 305927 | CMCSH0701 | <0.001 | 0.006 | 0.001 | <0.01 | 0.14 | 0.025 | <0.001 | 0.09 | 0.33 | <0.01 | 0.31 | 0.013 | <0.001 | | | 0.02 | | 0.7 |
| 305928 | CMCSH0701 | 0.002 | <0.001 | <0.001 | <0.01 | 0.45 | 0.026 | <0.001 | 0.1 | 0.4 | <0.01 | 0.31 | <0.001 | <0.001 | | | <0.01 | | 2.1 |
| 305929 | CMCSH0701 | 0.002 | <0.001 | <0.001 | <0.01 | 0.87 | 0.046 | <0.001 | 0.11 | 0.47 | <0.01 | 0.19 | <0.001 | <0.001 | | | <0.01 | | 1.3 |
| 305931 | CMCSH0702 | 0.001 | <0.001 | <0.001 | <0.01 | 0.13 | 0.05 | <0.001 | 0.07 | 0.42 | <0.01 | 0.4 | <0.001 | <0.001 | | | 0.01 | | 2.3 |
| 305932 | CMCSH0702 | 0.002 | <0.001 | <0.001 | <0.01 | 0.22 | 0.063 | <0.001 | 0.1 | 0.43 | <0.01 | 0.43 | 0.002 | <0.001 | | | 0.01 | | 2.4 |
| 305933 | CMCSH0702 | 0.002 | <0.001 | <0.001 | <0.01 | 0.45 | 0.062 | <0.001 | 0.1 | 0.41 | <0.01 | 0.42 | 0.002 | <0.001 | | | 0.01 | | 2.4 |
| 305934 | CMCSH0702 | 0.001 | <0.001 | <0.001 | <0.01 | 0.12 | 0.043 | <0.001 | 0.06 | 0.36 | <0.01 | 0.33 | <0.001 | <0.001 | | | 0.06 | | 2.3 |
| 305936 | CMCSH0702 | 0.001 | <0.001 | <0.001 | <0.01 | 0.21 | 0.05 | <0.001 | 0.11 | 0.37 | <0.01 | 0.32 | <0.001 | <0.001 | | | 0.02 | | 1.3 |
| 305937 | CMCSH0702 | 0.001 | <0.001 | <0.001 | <0.01 | 0.2 | 0.053 | <0.001 | 0.06 | 0.47 | <0.01 | 0.29 | <0.001 | <0.001 | | | <0.01 | | 2.8 |
| 305938 | CMCSH0703 | 0.001 | <0.001 | <0.001 | <0.01 | 0.23 | 0.053 | <0.001 | 0.07 | 0.51 | 0.01 | 0.3 | <0.001 | <0.001 | | | N.A. | N.A. | 2.2 |
| 305939 | CMCSH0703 | 0.005 | <0.001 | <0.001 | <0.01 | 0.96 | 0.051 | <0.001 | 0.09 | 0.34 | <0.01 | 0.33 | <0.001 | <0.001 | | | N.A. | N.A. | 2.6 |
| 305941 | CMCSH0703 | 0.003 | <0.001 | <0.001 | <0.01 | 0.51 | 0.06 | <0.001 | 0.06 | 0.34 | <0.01 | 0.34 | <0.001 | <0.001 | | | N.A. | N.A. | 2.4 |
| 305942 | CMCSH0703 | 0.001 | <0.001 | <0.001 | <0.01 | 0.17 | 0.059 | <0.001 | 0.02 | 0.32 | <0.01 | 0.32 | <0.001 | <0.001 | | | N.A. | N.A. | 2.2 |
| 305943 | CMCSH0703 | <0.001 | <0.001 | 0.002 | <0.01 | 0.16 | 0.056 | <0.001 | 0.08 | 0.31 | <0.01 | 0.31 | <0.001 | <0.001 | | | N.A. | N.A. | 2.4 |
| 305944 | CMCSH0703 | <0.001 | <0.001 | 0.004 | <0.01 | 0.13 | 0.052 | <0.001 | 0.05 | 0.28 | <0.01 | 0.3 | <0.001 | <0.001 | | | N.A. | N.A. | 2.3 |
| 305946 | CMCSH0703 | <0.001 | 0.003 | 0.001 | <0.01 | 0.15 | 0.044 | <0.001 | 0.08 | 0.27 | <0.01 | 0.3 | 0.001 | <0.001 | | | N.A. | N.A. | 1.3 |
| 305947 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 1.24 | 0.051 | <0.001 | 0.72 | 0.3 | <0.01 | 0.33 | <0.001 | <0.001 | | | N.A. | N.A. | 1.9 |
| 305948 | CMCSH0703 | <0.001 | 0.007 | 0.012 | <0.01 | 0.14 | 0.044 | <0.001 | 0.05 | 0.29 | <0.01 | 0.3 | 0.003 | <0.001 | | | N.A. | N.A. | 1.5 |
| 305949 | CMCSH0703 | <0.001 | 0.004 | <0.001 | <0.01 | 0.15 | 0.052 | <0.001 | 0.06 | 0.33 | <0.01 | 0.35 | 0.002 | <0.001 | | | N.A. | N.A. | 1.6 |
| 305951 | CMCSH0703 | <0.001 | 0.004 | <0.001 | <0.01 | 0.1 | 0.04 | <0.001 | 0.03 | 0.3 | <0.01 | 0.31 | 0.002 | <0.001 | | | N.A. | N.A. | 1.4 |
| 305952 | CMCSH0703 | <0.001 | 0.011 | 0.016 | <0.01 | 0.04 | 0.015 | <0.001 | 0.03 | 0.21 | <0.01 | 0.25 | 0.005 | <0.001 | | | N.A. | N.A. | 1.2 |
| 305953 | CMCSH0703 | <0.001 | 0.002 | <0.001 | <0.01 | 0.08 | 0.034 | <0.001 | 0.04 | 0.26 | <0.01 | 0.32 | <0.001 | <0.001 | | | N.A. | N.A. | 1.3 |
| 305954 | CMCSH0703 | <0.001 | 0.068 | 0.265 | <0.01 | 0.01 | 0.006 | <0.001 | 0.01 | 0.09 | <0.01 | 0.09 | 0.063 | <0.001 | | | 0.25 | | 2 |
| 305956 | CMCSH0703 | <0.001 | 0.001 | 0.006 | <0.01 | 0.16 | 0.053 | <0.001 | 0.09 | 0.28 | <0.01 | 0.33 | <0.001 | <0.001 | | | N.A. | N.A. | 0.9 |
| 305957 | CMCSH0703 | <0.001 | <0.001 | 0.002 | <0.01 | 0.74 | 0.054 | <0.001 | 0.41 | 0.3 | <0.01 | 0.33 | <0.001 | <0.001 | | | N.A. | N.A. | 2.6 |
| 305958 | CMCSH0703 | <0.001 | 0.001 | <0.001 | <0.01 | 0.14 | 0.059 | <0.001 | 0.03 | 0.32 | <0.01 | 0.38 | <0.001 | <0.001 | | | N.A. | N.A. | 2.6 |
| 305959 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.058 | <0.001 | 0.05 | 0.36 | <0.01 | 0.37 | <0.001 | <0.001 | | | N.A. | N.A. | 2.6 |
| 305961 | CMCSH0703 | 0.001 | <0.001 | <0.001 | <0.01 | 0.27 | 0.021 | <0.001 | 0.07 | 0.4 | <0.01 | 0.23 | <0.001 | <0.001 | | | 0.01 | | 1.8 |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 305962 | CMCSH0703 | <0.001 | 0.002 | <0.001 | <0.01 | 0.07 | 0.014 | <0.001 | 0.03 | 0.23 | <0.01 | 0.17 | <0.001 | <0.001 | | 0.01 | | 0.7 | |
| 305963 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 0.07 | 0.019 | <0.001 | 0.03 | 0.31 | <0.01 | 0.3 | <0.001 | <0.001 | | 0.01 | | 1.3 | |
| 305964 | CMCSH0703 | 0.007 | <0.001 | <0.001 | <0.01 | 1.16 | 0.085 | <0.001 | 0.19 | 0.44 | <0.01 | 0.39 | <0.001 | <0.001 | | 0.01 | | 2.1 | |
| 305966 | CMCSH0703 | 0.008 | <0.001 | <0.001 | <0.01 | 1.63 | 0.085 | <0.001 | 0.29 | 0.42 | <0.01 | 0.42 | <0.001 | <0.001 | | 0.01 | | 2.5 | |
| 305967 | CMCSH0703 | 0.005 | <0.001 | <0.001 | <0.01 | 1.69 | 0.066 | <0.001 | 0.61 | 0.38 | <0.01 | 0.43 | <0.001 | <0.001 | | 0.03 | | 2.5 | |
| 305968 | CMCSH0703 | 0.006 | <0.001 | <0.001 | <0.01 | 1.43 | 0.084 | <0.001 | 0.26 | 0.42 | <0.01 | 0.45 | <0.001 | <0.001 | | <0.01 | | 2.1 | |
| 305969 | CMCSH0703 | 0.008 | <0.001 | <0.001 | <0.01 | 1.28 | 0.072 | <0.001 | 0.28 | 0.47 | <0.01 | 0.49 | <0.001 | <0.001 | | <0.01 | | 2.8 | |
| 305971 | CMCSH0703 | <0.001 | <0.001 | 0.001 | <0.01 | 0.16 | 0.062 | <0.001 | 0.07 | 0.44 | <0.01 | 0.44 | <0.001 | <0.001 | | 0.03 | | 2.5 | |
| 305972 | CMCSH0703 | 0.001 | <0.001 | 0.001 | <0.01 | 0.31 | 0.07 | <0.001 | 0.1 | 0.4 | <0.01 | 0.4 | <0.001 | <0.001 | | 0.01 | | 2.6 | |
| 305973 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 0.19 | 0.06 | <0.001 | 0.08 | 0.37 | <0.01 | 0.35 | <0.001 | <0.001 | | 0.22 | | 2.5 | |
| 305974 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 0.24 | 0.073 | <0.001 | 0.13 | 0.46 | <0.01 | 0.39 | <0.001 | <0.001 | | 0.01 | | 2.2 | |
| 305976 | CMCSH0703 | <0.001 | <0.001 | <0.001 | <0.01 | 0.24 | 0.064 | <0.001 | 0.16 | 0.37 | <0.01 | 0.36 | <0.001 | <0.001 | | <0.01 | | 2.7 | |
| 305977 | CMCSH0703 | 0.001 | <0.001 | 0.001 | <0.01 | 0.57 | 0.063 | <0.001 | 0.25 | 0.39 | <0.01 | 0.36 | <0.001 | <0.001 | | <0.01 | | 2.7 | |
| 305978 | CMCSH0703 | 0.012 | <0.001 | <0.001 | <0.01 | 2.52 | 0.071 | <0.001 | 0.34 | 0.52 | <0.01 | 0.33 | <0.001 | <0.001 | | <0.01 | | 2.4 | |
| 305979 | CMCSH0703 | 0.005 | <0.001 | <0.001 | <0.01 | 1 | 0.052 | <0.001 | 0.22 | 0.43 | <0.01 | 0.32 | <0.001 | <0.001 | | <0.01 | | 2.4 | |
| 305981 | CMCSH0704 | 0.006 | <0.001 | <0.001 | <0.01 | 0.92 | 0.034 | <0.001 | 0.14 | 0.37 | <0.01 | 0.3 | <0.001 | <0.001 | | N.A. | N.A. | 2.4 | |
| 305982 | CMCSH0704 | 0.005 | <0.001 | <0.001 | <0.01 | 0.83 | 0.026 | <0.001 | 0.19 | 0.57 | 0.04 | 0.27 | <0.001 | <0.001 | | N.A. | N.A. | 2.1 | |
| 305983 | CMCSH0704 | 0.001 | <0.001 | 0.002 | <0.01 | 0.32 | 0.041 | <0.001 | 0.09 | 0.41 | <0.01 | 0.33 | <0.001 | <0.001 | | N.A. | N.A. | 2.7 | |
| 305984 | CMCSH0704 | <0.001 | 0.004 | <0.001 | <0.01 | 0.15 | 0.044 | <0.001 | 0.06 | 0.41 | <0.01 | 0.37 | <0.001 | <0.001 | | N.A. | N.A. | 2.1 | |
| 305986 | CMCSH0704 | <0.001 | 0.003 | 0.002 | <0.01 | 0.15 | 0.048 | <0.001 | 0.12 | 0.38 | <0.01 | 0.35 | <0.001 | <0.001 | | N.A. | N.A. | 2.6 | |
| 305987 | CMCSH0704 | <0.001 | 0.001 | <0.001 | <0.01 | 0.32 | 0.05 | <0.001 | 0.15 | 0.39 | <0.01 | 0.38 | <0.001 | <0.001 | | N.A. | N.A. | 2.4 | |
| 305988 | CMCSH0704 | 0.009 | <0.001 | <0.001 | <0.01 | 1.81 | 0.252 | 0.007 | 1.52 | 5.84 | 0.01 | 0.18 | <0.001 | <0.001 | | N.A. | N.A. | 2.1 | |
| 305989 | CMCSH0704 | <0.001 | 0.01 | 0.001 | <0.01 | 0.09 | 0.033 | <0.001 | 0.03 | 0.31 | <0.01 | 0.28 | <0.001 | <0.001 | | N.A. | N.A. | 1.3 | |
| 305991 | CMCSH0704 | <0.001 | <0.001 | <0.001 | <0.01 | 0.13 | 0.053 | <0.001 | 0.06 | 0.46 | <0.01 | 0.36 | <0.001 | <0.001 | | N.A. | N.A. | 1.8 | |
| 305992 | CMCSH0704 | <0.001 | 0.004 | <0.001 | <0.01 | 0.08 | 0.037 | <0.001 | 0.04 | 0.29 | <0.01 | 0.31 | <0.001 | <0.001 | | N.A. | N.A. | 1.6 | |
| 305993 | CMCSH0704 | <0.001 | 0.002 | <0.001 | <0.01 | 0.07 | 0.029 | <0.001 | 0.03 | 0.25 | <0.01 | 0.25 | <0.001 | <0.001 | | <0.01 | | 1.4 | |
| 305994 | CMCSH0704 | <0.001 | 0.041 | 0.018 | <0.01 | 0.02 | 0.01 | <0.001 | <0.01 | 0.15 | <0.01 | 0.14 | <0.001 | <0.001 | | N.A. | N.A. | 1.6 | |
| 305996 | CMCSH0704 | <0.001 | 0.002 | <0.001 | <0.01 | 0.35 | 0.048 | <0.001 | 0.18 | 0.3 | <0.01 | 0.27 | <0.001 | <0.001 | | N.A. | N.A. | 1.5 | |
| 305997 | CMCSH0704 | 0.001 | <0.001 | <0.001 | <0.01 | 1.02 | 0.056 | <0.001 | 0.57 | 0.38 | <0.01 | 0.32 | <0.001 | <0.001 | | N.A. | N.A. | 2.3 | |
| 305998 | CMCSH0704 | 0.002 | <0.001 | <0.001 | <0.01 | 0.48 | 0.048 | <0.001 | 0.21 | 1.03 | <0.01 | 0.29 | <0.001 | <0.001 | | N.A. | N.A. | 2.5 | |
| 305999 | CMCSH0704 | 0.003 | <0.001 | 0.001 | <0.01 | 0.71 | 0.05 | <0.001 | 0.14 | 0.52 | <0.01 | 0.26 | <0.001 | <0.001 | | N.A. | N.A. | 2.4 | |
| 701001 | CMCSH0705 | 0.012 | 0.002 | <0.001 | 0.03 | 11.9 | 0.081 | <0.001 | 0.17 | 0.85 | 0.004 | 0.076 | 0.017 | <0.001 | | | | | |
| 701002 | CMCSH0705 | 0.003 | <0.001 | <0.001 | <0.01 | 11.25 | 0.052 | 0.011 | 1.17 | 1.97 | 0.003 | 0.043 | 0.007 | <0.001 | | | | | |
| 701003 | CMCSH0705 | <0.001 | 0.001 | <0.001 | 0.03 | 12.98 | 0.033 | 0.007 | 0.49 | 2.07 | 0.001 | 0.025 | 0.008 | <0.001 | | | | | |
| 701004 | CMCSH0705 | <0.001 | 0.095 | 0.042 | <0.01 | 0.34 | 0.008 | <0.001 | 0.08 | 0.42 | 0.002 | 0.091 | 0.089 | <0.001 | 745 | | | | |
| 701006 | CMCSH0705 | <0.001 | 0.005 | 0.001 | <0.01 | 5.73 | 0.015 | <0.001 | 0.23 | 1.24 | 0.001 | 0.094 | 0.011 | <0.001 | | | | | |
| 701007 | CMCSH0705 | 0.004 | <0.001 | <0.001 | <0.01 | 12.29 | 0.017 | 0.001 | 0.31 | 2.06 | 0.002 | 0.075 | 0.057 | <0.001 | | | | | |
| 701008 | CMCSH0705 | <0.001 | 0.01 | 0.017 | <0.01 | 0.39 | 0.012 | <0.001 | 0.39 | 0.44 | 0.007 | 0.344 | 0.04 | <0.001 | | | | | |
| 701009 | CMCSH0705 | 0.012 | <0.001 | <0.001 | <0.01 | 10.81 | 0.051 | 0.004 | 0.66 | 1.88 | 0.003 | 0.081 | 0.003 | <0.001 | | | | | |
| 701011 | CMCSH0705 | 0.022 | <0.001 | <0.001 | <0.01 | 6.96 | 0.042 | 0.005 | 1.14 | 2.54 | 0.007 | 0.309 | 0.002 | <0.001 | | | | | |
| 701012 | CMCSH0705 | 0.009 | <0.001 | <0.001 | <0.01 | 3.05 | 0.082 | 0.005 | 1.11 | 2.94 | 0.107 | 0.378 | 0.022 | <0.001 | | | | | |
| 701013 | CMCSH0705 | 0.012 | <0.001 | <0.001 | <0.01 | 1.99 | 0.058 | 0.005 | 1.08 | 3.46 | 0.21 | 0.312 | 0.062 | <0.001 | | | | | |
| 701014 | CMCSH0705 | 0.025 | <0.001 | <0.001 | <0.01 | 2.82 | 0.033 | 0.005 | 0.97 | 4.8 | 0.466 | 0.177 | 0.089 | <0.001 | | | | | |
| 701016 | CMCSH0705 | 0.013 | <0.001 | <0.001 | <0.01 | 2.06 | 0.089 | 0.006 | 1.25 | 3.51 | 0.235 | 0.437 | 0.024 | <0.001 | | | | | |
| 701017 | CMCSH0705 | 0.011 | <0.001 | <0.001 | <0.01 | 1.51 | 0.049 | 0.005 | 1.18 | 2.86 | 0.115 | 0.468 | 0.002 | <0.001 | | | | | |
| 701018 | CMCSH0705 | 0.04 | <0.001 | <0.001 | <0.01 | 3.37 | 0.039 | 0.005 | 0.91 | 5.33 | 0.514 | 0.311 | 0.01 | <0.001 | | | | | |
| 701019 | CMCSH0705 | 0.019 | <0.001 | <0.001 | <0.01 | 1.53 | 0.029 | 0.006 | 1.19 | 2.77 | 0.144 | 0.237 | 0.006 | <0.001 | | | | | |
| 701021 | CMCSH0705 | 0.037 | <0.001 | <0.001 | <0.01 | 3.21 | 0.032 | 0.005 | 0.68 | 4.85 | 0.551 | 0.165 | 0.096 | <0.001 | | | | | |
| 701022 | CMCSH0705 | 0.027 | <0.001 | <0.001 | <0.01 | 3.18 | 0.027 | 0.005 | 0.93 | 4.11 | 0.333 | 0.458 | 0.003 | <0.001 | | | | | |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 701023 | CMCSH0705 | 0.014 | <0.001 | <0.001 | <0.01 | 7.81 | 0.039 | 0.003 | 0.65 | 2.64 | 0.079 | 0.143 | 0.028 | <0.001 | | | | | |
| 701024 | CMCSH0705 | 0.008 | <0.001 | <0.001 | <0.01 | 9.79 | 0.022 | 0.003 | 0.37 | 2.01 | 0.008 | 0.012 | 0.158 | <0.001 | | | | | |
| 701026 | CMCSH0705 | 0.009 | <0.001 | <0.001 | <0.01 | 15.08 | 0.02 | <0.001 | 0.18 | 1.79 | 0.005 | 0.067 | 0.191 | <0.001 | | | | | |
| 701027 | CMCSH0705 | 0.003 | <0.001 | <0.001 | <0.01 | 14.32 | 0.068 | 0.001 | 0.09 | 1.76 | 0.003 | 0.015 | 0.022 | <0.001 | | | | | |
| 701028 | CMCSH0705 | 0.003 | <0.001 | <0.001 | <0.01 | 13.76 | 0.023 | 0.001 | 0.13 | 1.86 | 0.007 | 0.015 | 0.006 | <0.001 | | | | | |
| 701029 | CMCSH0705 | 0.005 | <0.001 | <0.001 | <0.01 | 15.93 | 0.029 | 0.002 | 0.14 | 1.78 | 0.003 | 0.017 | 0.008 | <0.001 | | | | | |
| 701031 | CMCSH0705 | 0.008 | <0.001 | <0.001 | 0.01 | 16.89 | 0.049 | 0.002 | 0.15 | 1.78 | 0.002 | 0.026 | 0.336 | <0.001 | | | | | |
| 701032 | CMCSH0705 | 0.008 | <0.001 | <0.001 | <0.01 | 18.14 | 0.154 | 0.002 | 0.16 | 2.11 | 0.002 | 0.013 | 0.146 | <0.001 | | | | | |
| 701033 | CMCSH0705 | 0.007 | <0.001 | <0.001 | <0.01 | 11.61 | 0.02 | 0.003 | 0.35 | 2.29 | 0.003 | 0.019 | 0.059 | <0.001 | | | | | |
| 701034 | CMCSH0706 | 0.006 | <0.001 | <0.001 | <0.01 | 25.44 | 0.103 | 0.002 | 0.58 | 0.73 | 0.003 | 0.005 | 0.018 | <0.001 | | | | | |
| 701036 | CMCSH0706 | 0.003 | 0.005 | 0.001 | 0.03 | 9.04 | 0.047 | <0.001 | 0.19 | 0.74 | 0.002 | 0.057 | 0.046 | <0.001 | | | | | |
| 701037 | CMCSH0706 | 0.002 | <0.001 | <0.001 | 0.03 | 11.79 | 0.027 | 0.001 | 0.14 | 1.12 | 0.002 | 0.022 | 0.056 | <0.001 | | | | | |
| 701038 | CMCSH0706 | 0.002 | <0.001 | <0.001 | 0.02 | 10.77 | 0.049 | 0.003 | 0.19 | 1.16 | 0.003 | 0.015 | 0.018 | <0.001 | | | | | |
| 701039 | CMCSH0706 | 0.002 | <0.001 | <0.001 | <0.01 | 9.79 | 0.037 | 0.002 | 0.19 | 1.13 | 0.002 | 0.015 | 0.004 | <0.001 | | | | | |
| 701041 | CMCSH0706 | 0.002 | <0.001 | <0.001 | 0.04 | 11.79 | 0.023 | <0.001 | 0.09 | 1.07 | 0.002 | 0.016 | 0.006 | <0.001 | | | | | |
| 701042 | CMCSH0706 | 0.002 | <0.001 | <0.001 | 0.07 | 10.23 | 0.044 | 0.002 | 0.07 | 0.79 | 0.002 | 0.011 | 0.056 | <0.001 | | | | | |
| 701043 | CMCSH0706 | 0.003 | <0.001 | <0.001 | 0.02 | 11.18 | 0.019 | 0.001 | 0.14 | 1.09 | 0.002 | 0.034 | 0.051 | <0.001 | | | | | |
| 701044 | CMCSH0706 | 0.003 | <0.001 | <0.001 | 0.03 | 10.69 | 0.022 | 0.001 | 0.23 | 1.21 | 0.003 | 0.048 | 0.017 | <0.001 | | | | | |
| 701046 | CMCSH0706 | 0.003 | <0.001 | <0.001 | 0.02 | 12.73 | 0.049 | 0.001 | 0.17 | 1.11 | 0.002 | 0.028 | 0.008 | <0.001 | | | | | |
| 701047 | CMCSH0706 | 0.003 | <0.001 | <0.001 | 0.03 | 13.12 | 0.035 | 0.001 | 0.29 | 1.33 | 0.002 | 0.029 | 0.016 | <0.001 | | | | | |
| 701048 | CMCSH0706 | 0.002 | <0.001 | <0.001 | <0.01 | 12.84 | 0.017 | <0.001 | 0.28 | 2.11 | 0.003 | 0.004 | 0.182 | <0.001 | | | | | |
| 701049 | CMCSH0706 | 0.002 | 0.077 | 0.029 | <0.01 | 1.47 | 0.004 | <0.001 | 0.2 | 0.32 | 0.005 | 0.176 | <0.001 | <0.001 | 596 | | | | |
| 701051 | CMCSH0706 | <0.001 | 0.011 | 0.002 | <0.01 | 0.18 | 0.045 | 0.003 | 0.17 | 0.7 | 0.008 | 0.455 | 0.002 | <0.001 | | | | | |
| 701052 | CMCSH0706 | 0.004 | 0.002 | 0.003 | <0.01 | 3 | 0.029 | 0.002 | 0.57 | 0.72 | 0.007 | 0.547 | <0.001 | <0.001 | | | | | |
| 701053 | CMCSH0706 | 0.018 | <0.001 | <0.001 | <0.01 | 4.94 | 0.033 | 0.005 | 0.86 | 3.55 | 0.252 | 0.306 | <0.001 | <0.001 | | | | | |
| 701054 | CMCSH0706 | 0.016 | <0.001 | <0.001 | <0.01 | 2.59 | 0.038 | 0.005 | 0.9 | 3.48 | 0.273 | 0.379 | <0.001 | <0.001 | | | | | |
| 701056 | CMCSH0706 | 0.014 | <0.001 | <0.001 | <0.01 | 12.76 | 0.041 | 0.003 | 0.74 | 2.23 | 0.005 | 0.071 | 0.207 | <0.001 | | | | | |
| 701057 | CMCSH0706 | 0.035 | <0.001 | <0.001 | <0.01 | 21.9 | 0.018 | <0.001 | 0.34 | 1.24 | 0.002 | 0.007 | 0.071 | <0.001 | | | | | |
| 701058 | CMCSH0706 | 0.011 | <0.001 | <0.001 | <0.01 | 15.7 | 0.055 | 0.002 | 0.43 | 2.19 | 0.004 | 0.007 | 0.18 | <0.001 | | | | | |
| 701059 | CMCSH0706 | 0.014 | <0.001 | 0.002 | <0.01 | 4.12 | 0.042 | 0.002 | 0.97 | 0.93 | 0.009 | 0.396 | 0.007 | <0.001 | | | | | |
| 701061 | CMCSH0706 | 0.004 | <0.001 | <0.001 | <0.01 | 0.97 | 0.045 | 0.004 | 1.02 | 1.33 | 0.019 | 0.362 | 0.03 | <0.001 | | | | | |
| 701062 | CMCSH0706 | 0.005 | <0.001 | <0.001 | <0.01 | 0.87 | 0.033 | 0.004 | 1.34 | 2.32 | 0.026 | 0.398 | <0.001 | <0.001 | | | | | |
| 701063 | CMCSH0706 | 0.006 | <0.001 | <0.001 | <0.01 | 1.28 | 0.043 | 0.006 | 1.19 | 1.88 | 0.024 | 0.355 | 0.002 | <0.001 | | | | | |
| 701064 | CMCSH0707 | 0.004 | 0.002 | 0.004 | <0.01 | 1.11 | 0.1 | 0.003 | 0.61 | 1.31 | 0.023 | 0.558 | 0.005 | <0.001 | | | | | |
| 701066 | CMCSH0707 | 0.02 | <0.001 | <0.001 | <0.01 | 3.77 | 0.055 | 0.005 | 0.88 | 2.55 | 0.148 | 0.385 | 0.007 | <0.001 | | | | | |
| 701067 | CMCSH0707 | 0.024 | 0.002 | 0.002 | <0.01 | 6.03 | 0.035 | 0.005 | 1.24 | 2.43 | 0.18 | 0.342 | 0.028 | <0.001 | | | | | |
| 701068 | CMCSH0707 | 0.028 | <0.001 | <0.001 | <0.01 | 5.6 | 0.032 | 0.003 | 0.67 | 2.36 | 0.234 | 0.299 | 0.004 | <0.001 | | | | | |
| 701069 | CMCSH0707 | 0.027 | <0.001 | <0.001 | <0.01 | 5.41 | 0.036 | 0.006 | 0.85 | 3.28 | 0.236 | 0.184 | 0.018 | <0.001 | | | | | |
| 701071 | CMCSH0707 | 0.013 | <0.001 | 0.001 | <0.01 | 6.92 | 0.048 | 0.003 | 0.53 | 1.6 | 0.022 | 0.381 | 0.21 | <0.001 | | | | | |
| 701072 | CMCSH0707 | 0.004 | 0.004 | 0.015 | <0.01 | 1.61 | 0.252 | 0.001 | 0.34 | 0.76 | 0.01 | 0.544 | 0.036 | <0.001 | | | | | |
| 701073 | CMCSH0707 | 0.037 | <0.001 | <0.001 | <0.01 | 7.95 | 0.06 | 0.006 | 0.93 | 3.58 | 0.23 | 0.279 | 0.012 | <0.001 | | | | | |
| 701074 | CMCSH0707 | 0.016 | <0.001 | <0.001 | <0.01 | 11.89 | 0.109 | 0.002 | 0.59 | 1.98 | 0.005 | 0.208 | 0.254 | <0.001 | | | | | |
| 701076 | CMCSH0707 | 0.014 | 0.015 | 0.099 | <0.01 | 10.16 | 0.082 | <0.001 | 0.35 | 1.07 | 0.005 | 0.147 | 0.023 | <0.001 | 849 | | | | |
| 701077 | CMCSH0707 | 0.009 | <0.001 | <0.001 | <0.01 | 14.49 | 0.023 | 0.005 | 1.22 | 2.35 | 0.016 | 0.037 | 0.005 | <0.001 | | | | | |
| 701078 | CMCSH0707 | 0.003 | 0.016 | 0.251 | <0.01 | 4.48 | 0.006 | <0.001 | 0.18 | 0.58 | 0.004 | 0.045 | 0.009 | <0.001 | 3806 | | | | |
| 701079 | CMCSH0707 | 0.003 | <0.001 | <0.001 | <0.01 | 15.97 | 0.022 | 0.003 | 0.34 | 2.06 | 0.005 | 0.012 | 0.042 | <0.001 | | | | | |
| 701081 | CMCSH0707 | 0.005 | <0.001 | 0.002 | <0.01 | 17.01 | 0.015 | 0.002 | 0.31 | 2.29 | 0.005 | 0.015 | 0.055 | <0.001 | | | | | |
| 701082 | CMCSH0707 | 0.006 | <0.001 | <0.001 | <0.01 | 8.31 | 0.043 | 0.005 | 0.64 | 2.2 | 0.003 | 0.005 | 0.009 | <0.001 | | | | | |
| 701083 | CMCSH0707 | 0.009 | 0.002 | <0.001 | <0.01 | 8.82 | 0.075 | 0.003 | 0.61 | 2.58 | 0.004 | 0.067 | 0.014 | <0.001 | | | | | |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 701084 | CMCSH0707 | 0.006 | <0.001 | <0.001 | <0.01 | 11.35 | 0.08 | 0.003 | 0.58 | 2.85 | 0.007 | 0.014 | 0.025 | <0.001 | | | | | |
| 701086 | CMCSH0707 | 0.009 | <0.001 | <0.001 | <0.01 | 7.73 | 0.052 | 0.005 | 0.99 | 2.37 | 0.015 | 0.125 | <0.001 | <0.001 | | | | | |
| 701087 | CMCSH0707 | 0.012 | <0.001 | <0.001 | <0.01 | 9.76 | 0.022 | 0.003 | 0.6 | 3.08 | 0.023 | 0.027 | 0.015 | <0.001 | | | | | |
| 701088 | CMCSH0707 | 0.013 | 0.009 | 0.059 | <0.01 | 7.64 | 0.022 | 0.003 | 0.53 | 2.09 | 0.016 | 0.375 | <0.001 | <0.001 | 473 | | | | |
| 701089 | CMCSH0707 | 0.069 | <0.001 | <0.001 | <0.01 | 8.63 | 0.034 | 0.003 | 0.6 | 4.47 | 0.097 | 0.058 | 0.003 | <0.001 | | | | | |
| 701091 | CMCSH0707 | 0.011 | <0.001 | <0.001 | <0.01 | 19.81 | 0.07 | <0.001 | 0.24 | 1.48 | 0.005 | 0.024 | 0.015 | <0.001 | | | | | |
| 701092 | CMCSH0707 | 0.004 | <0.001 | <0.001 | <0.01 | 19.04 | 0.028 | 0.002 | 0.17 | 1.69 | 0.006 | 0.015 | 0.003 | <0.001 | | | | | |
| 701093 | CMCSH0707 | 0.019 | <0.001 | <0.001 | <0.01 | 7.63 | 0.075 | 0.003 | 0.41 | 4.14 | 0.155 | 0.077 | 0.021 | <0.001 | | | | | |
| 701094 | CMCSH0707 | 0.009 | <0.001 | <0.001 | <0.01 | 1.62 | 0.172 | 0.002 | 1.08 | 1.84 | 0.029 | 0.94 | <0.001 | <0.001 | | | | | |
| 701096 | CMCSH0707 | 0.006 | <0.001 | <0.001 | <0.01 | 0.8 | 0.033 | 0.003 | 1.12 | 1.74 | 0.032 | 0.713 | <0.001 | <0.001 | | | | | |
| 701097 | CMCSH0707 | 0.005 | <0.001 | <0.001 | <0.01 | 0.67 | 0.028 | 0.005 | 1.51 | 3.28 | 0.03 | 0.974 | <0.001 | <0.001 | | | | | |
| 701098 | CMCSH0707 | 0.016 | <0.001 | <0.001 | <0.01 | 3.02 | 0.03 | <0.001 | 0.9 | 0.75 | 0.015 | 0.484 | <0.001 | <0.001 | | | | | |
| 701099 | CMCSH0707 | 0.023 | <0.001 | <0.001 | <0.01 | 4.2 | 0.049 | <0.001 | 0.76 | 0.9 | 0.007 | 0.501 | <0.001 | <0.001 | | | | | |
| 701101 | CMCSH0708 | 0.021 | <0.001 | <0.001 | <0.01 | 3.62 | 0.029 | 0.005 | 0.69 | 1.86 | 0.116 | 0.878 | <0.001 | <0.001 | | | | | |
| 701102 | CMCSH0708 | 0.012 | <0.001 | <0.001 | <0.01 | 2.09 | 0.106 | 0.011 | 0.94 | 2.62 | 0.169 | 0.74 | <0.001 | <0.001 | | | | | |
| 701103 | CMCSH0708 | 0.007 | <0.001 | <0.001 | <0.01 | 1.23 | 0.028 | 0.008 | 1.34 | 2.53 | 0.136 | 0.976 | <0.001 | <0.001 | | | | | |
| 701104 | CMCSH0708 | 0.008 | <0.001 | 0.001 | <0.01 | 2.09 | 0.021 | 0.01 | 0.69 | 2.33 | 0.111 | 0.736 | <0.001 | <0.001 | | | | | |
| 701106 | CMCSH0708 | 0.019 | <0.001 | <0.001 | <0.01 | 2.74 | 0.025 | 0.01 | 0.8 | 2.49 | 0.262 | 0.567 | 0.003 | <0.001 | | | | | |
| 701107 | CMCSH0708 | 0.014 | <0.001 | <0.001 | <0.01 | 2.3 | 0.019 | 0.005 | 0.86 | 1.83 | 0.308 | 0.38 | 0.003 | <0.001 | | | | | |
| 701108 | CMCSH0708 | 0.012 | <0.001 | 0.001 | <0.01 | 2.52 | 0.034 | 0.01 | 0.79 | 1.94 | 0.179 | 0.652 | <0.001 | <0.001 | | | | | |
| 701109 | CMCSH0708 | 0.008 | <0.001 | 0.003 | <0.01 | 1.97 | 0.024 | 0.004 | 0.72 | 1.79 | 0.045 | 0.969 | <0.001 | <0.001 | | | | | |
| 701111 | CMCSH0708 | 0.004 | 0.007 | 0.007 | <0.01 | 1.75 | 0.025 | 0.006 | 0.53 | 2.09 | 0.014 | 1.177 | <0.001 | <0.001 | | | | | |
| 701112 | CMCSH0708 | 0.008 | <0.001 | <0.001 | <0.01 | 5.78 | 0.036 | 0.005 | 0.63 | 1.58 | 0.055 | 0.165 | 0.001 | <0.001 | | | | | |
| 701113 | CMCSH0708 | 0.006 | 0.002 | 0.006 | <0.01 | 2.31 | 0.031 | 0.007 | 0.53 | 2.08 | 0.016 | 1.216 | <0.001 | <0.001 | | | | | |
| 701114 | CMCSH0708 | 0.01 | <0.001 | 0.003 | <0.01 | 3.34 | 0.051 | 0.005 | 0.84 | 1.12 | 0.031 | 0.552 | <0.001 | <0.001 | | | | | |
| 701116 | CMCSH0708 | 0.011 | <0.001 | 0.006 | <0.01 | 4.24 | 0.022 | 0.004 | 0.81 | 0.73 | 0.005 | 0.48 | <0.001 | <0.001 | | | | | |
| 701117 | CMCSH0708 | 0.014 | <0.001 | 0.001 | <0.01 | 4.39 | 0.026 | 0.003 | 1.11 | 1.07 | 0.017 | 0.438 | <0.001 | <0.001 | | | | | |
| 701118 | CMCSH0708 | 0.001 | 0.001 | <0.001 | <0.01 | 0.4 | 0.026 | 0.004 | 0.38 | 0.49 | 0.003 | 0.4 | 0.002 | <0.001 | | | | | |
| 701119 | CMCSH0708 | <0.001 | 0.006 | <0.001 | <0.01 | 0.21 | 0.022 | <0.001 | 0.22 | 0.38 | 0.003 | 0.322 | 0.002 | <0.001 | | | | | |
| 701121 | CMCSH0708 | <0.001 | 0.031 | 0.007 | <0.01 | 0.34 | 0.09 | 0.004 | 0.27 | 0.54 | 0.002 | 0.35 | 0.023 | <0.001 | | | | | |
| 701122 | CMCSH0708 | <0.001 | 0.007 | 0.006 | <0.01 | 0.21 | 0.016 | <0.001 | 0.21 | 0.42 | 0.004 | 0.306 | 0.008 | <0.001 | | | | | |
| 701123 | CMCSH0708 | 0.01 | <0.001 | <0.001 | <0.01 | 14 | 0.018 | 0.005 | 0.46 | 2.9 | 0.002 | 0.074 | 0.003 | <0.001 | | | | | |
| 701124 | CMCSH0708 | 0.007 | <0.001 | <0.001 | <0.01 | 11.2 | 0.023 | 0.004 | 0.45 | 2.5 | 0.002 | 0.02 | 0.003 | <0.001 | | | | | |
| 701126 | CMCSH0708 | 0.005 | 0.028 | 0.195 | <0.01 | 3.53 | 0.032 | 0.002 | 0.22 | 0.73 | 0.002 | 0.061 | 0.015 | <0.001 | 2055 | 40.98 | | | |
| 701127 | CMCSH0708 | 0.012 | <0.001 | 0.001 | <0.01 | 11.45 | 0.087 | 0.006 | 0.93 | 2.25 | 0.003 | 0.12 | <0.001 | <0.001 | | | | | |
| 701128 | CMCSH0708 | 0.004 | 0.03 | 0.003 | 0.05 | 1.33 | 0.01 | <0.001 | 0.28 | 0.18 | 0.002 | 0.059 | 0.017 | <0.001 | | | | | |
| 701129 | CMCSH0708 | <0.001 | 0.031 | 0.002 | <0.01 | 0.32 | <0.001 | 0.003 | 0.28 | 0.11 | 0.002 | 0.05 | 0.013 | <0.001 | | | | | |
| 701131 | CMCSH0708 | <0.001 | 0.014 | <0.001 | <0.01 | 0.24 | 0.01 | <0.001 | 0.32 | 0.17 | 0.003 | 0.098 | 0.008 | <0.001 | | | | | |
| 701132 | CMCSH0708 | <0.001 | 0.009 | <0.001 | <0.01 | 0.18 | <0.001 | <0.001 | 0.33 | 0.09 | 0.001 | 0.042 | 0.007 | <0.001 | | | | | |
| 701133 | CMCSH0708 | <0.001 | 0.008 | <0.001 | <0.01 | 0.14 | <0.001 | <0.001 | 0.31 | 0.09 | 0.001 | 0.046 | 0.006 | <0.001 | | | | | |
| 701134 | CMCSH0708 | <0.001 | 0.01 | 0.002 | <0.01 | 0.16 | 0.009 | <0.001 | 0.29 | 0.12 | 0.006 | 0.064 | <0.001 | <0.001 | | | | | |
| 701136 | CMCSH0708 | <0.001 | 0.011 | <0.001 | <0.01 | 0.27 | 0.042 | <0.001 | 0.3 | 0.14 | 0.006 | 0.055 | <0.001 | <0.001 | | | | | |
| 701137 | CMCSH0708 | <0.001 | 0.014 | 0.003 | <0.01 | 0.34 | 0.052 | <0.001 | 0.33 | 0.12 | 0.005 | 0.059 | <0.001 | <0.001 | | | | | |
| 701138 | CMCSH0708 | <0.001 | 0.009 | <0.001 | <0.01 | 0.19 | 0.016 | <0.001 | 0.29 | 0.13 | 0.006 | 0.056 | <0.001 | <0.001 | | | | | |
| 701139 | CMCSH0708 | <0.001 | 0.048 | 0.006 | <0.01 | 0.18 | 0.026 | <0.001 | 0.23 | 0.15 | 0.005 | 0.027 | <0.001 | <0.001 | | | | | |
| 701141 | CMCSH0708 | <0.001 | 0.008 | <0.001 | <0.01 | 0.22 | 0.026 | <0.001 | 0.27 | 0.14 | 0.002 | 0.02 | 0.004 | <0.001 | | | | | |
| 701142 | CMCSH0708 | <0.001 | 0.008 | <0.001 | <0.01 | 0.21 | 0.023 | <0.001 | 0.28 | 0.11 | 0.003 | 0.034 | 0.006 | <0.001 | | | | | |
| 701143 | CMCSH0708 | <0.001 | 0.006 | <0.001 | <0.01 | 0.19 | 0.014 | <0.001 | 0.3 | 0.06 | 0.004 | 0.021 | 0.001 | <0.001 | | | | | |
| 701144 | CMCSH0708 | 0.076 | 0.003 | <0.001 | <0.01 | 13.75 | 0.011 | <0.001 | 0.2 | 0.14 | 0.002 | 0.017 | 0.001 | <0.001 | | | | | |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 701146 | CMCSH0708 | 0.007 | 0.002 | <0.001 | <0.01 | 0.36 | 0.012 | <0.001 | 0.37 | 0.07 | 0.006 | 0.042 | 0.002 | <0.001 | | | | | |
| 701147 | CMCSH0708 | <0.001 | 0.008 | <0.001 | <0.01 | 0.46 | 0.022 | <0.001 | 0.36 | 0.11 | 0.005 | 0.052 | 0.004 | <0.001 | | | | | |
| 701148 | CMCSH0708 | <0.001 | 0.008 | <0.001 | <0.01 | 0.18 | 0.011 | <0.001 | 0.31 | 0.15 | 0.004 | 0.072 | 0.004 | <0.001 | | | | | |
| 701149 | CMCSH0708 | 0.002 | 0.01 | <0.001 | <0.01 | 0.7 | 0.053 | <0.001 | 0.37 | 0.31 | 0.006 | 0.176 | <0.001 | <0.001 | | | | | |
| 701151 | CMCSH0708 | 0.008 | <0.001 | <0.001 | <0.01 | 9.39 | 0.021 | 0.009 | 0.3 | 1.99 | 0.004 | 0.054 | 0.182 | <0.001 | | | | | |
| 701152 | CMCSH0709 | 0.024 | <0.001 | <0.001 | <0.01 | 10.63 | 0.054 | 0.005 | 0.35 | 1.63 | 0.006 | 0.045 | 0.005 | <0.001 | | | | | |
| 701153 | CMCSH0709 | 0.006 | 0.001 | <0.001 | <0.01 | 8.78 | 0.14 | 0.009 | 0.26 | 2.24 | 0.001 | 0.036 | 0.003 | <0.001 | | | | | |
| 701154 | CMCSH0709 | 0.004 | 0.002 | <0.001 | <0.01 | 6.85 | 0.108 | 0.009 | 0.27 | 2.4 | 0.001 | 0.085 | <0.001 | <0.001 | | | | | |
| 701156 | CMCSH0709 | 0.005 | 0.001 | <0.001 | <0.01 | 8.7 | 0.069 | 0.008 | 0.36 | 2.52 | 0.001 | 0.061 | <0.001 | <0.001 | | | | | |
| 701157 | CMCSH0709 | 0.008 | <0.001 | <0.001 | <0.01 | 7.23 | 0.1 | 0.005 | 0.33 | 1.84 | 0.004 | 0.062 | <0.001 | <0.001 | | | | | |
| 701158 | CMCSH0709 | 0.055 | <0.001 | <0.001 | <0.01 | 16.12 | 0.061 | 0.005 | 0.25 | 1.15 | <0.001 | 0.014 | 0.001 | <0.001 | | | | | |
| 701159 | CMCSH0709 | 0.135 | <0.001 | <0.001 | <0.01 | 31.97 | 0.035 | <0.001 | 0.12 | 0.31 | <0.001 | 0.015 | <0.001 | <0.001 | | | | | |
| 701161 | CMCSH0709 | 0.106 | <0.001 | <0.001 | <0.01 | 28.56 | 0.045 | 0.004 | 0.14 | 0.24 | 0.001 | 0.046 | <0.001 | <0.001 | | | | | |
| 701162 | CMCSH0709 | 0.032 | 0.012 | 0.001 | <0.01 | 3.69 | 0.029 | 0.002 | 0.03 | 0.52 | 0.004 | 0.112 | <0.001 | <0.001 | | | | | |
| 701163 | CMCSH0709 | 0.016 | 0.019 | 0.004 | <0.01 | 0.51 | 0.044 | 0.002 | 0.02 | 0.55 | 0.004 | 0.104 | 0.002 | <0.001 | | | | | |
| 701164 | CMCSH0709 | 0.003 | 0.005 | 0.01 | <0.01 | 0.28 | 0.077 | 0.006 | 0.05 | 1.13 | 0.003 | 0.143 | 0.005 | <0.001 | | | | | |
| 701166 | CMCSH0709 | 0.022 | 0.016 | 0.001 | <0.01 | 0.2 | 0.083 | 0.009 | 0.06 | 0.91 | 0.008 | 0.485 | <0.001 | <0.001 | | | | | |
| 701167 | CMCSH0709 | 0.027 | 0.018 | <0.001 | <0.01 | 1.19 | 0.119 | 0.008 | 0.78 | 0.86 | 0.006 | 0.254 | 0.006 | <0.001 | | | | | |
| 701168 | CMCSH0709 | 0.031 | 0.008 | 0.002 | <0.01 | 2.33 | 0.225 | 0.003 | 0.82 | 2.15 | 0.071 | 0.077 | 0.015 | <0.001 | | | | | |
| 701169 | CMCSH0709 | 0.027 | 0.002 | <0.001 | <0.01 | 4.58 | 0.149 | 0.009 | 0.41 | 2.23 | 0.107 | 0.065 | 0.003 | <0.001 | | | | | |
| 701171 | CMCSH0709 | 0.031 | 0.002 | <0.001 | <0.01 | 2.76 | 0.091 | 0.005 | 0.39 | 1.98 | 0.078 | 0.126 | 0.001 | <0.001 | | | | | |
| 701172 | CMCSH0709 | 0.014 | <0.001 | <0.001 | <0.01 | 3.8 | 0.123 | 0.014 | 0.63 | 3.27 | 0.042 | 0.121 | <0.001 | <0.001 | | | | | |
| 701173 | CMCSH0709 | 0.029 | 0.002 | <0.001 | <0.01 | 2.54 | 0.148 | 0.017 | 1.42 | 2.49 | 0.128 | 0.181 | <0.001 | <0.001 | | | | | |
| 701174 | CMCSH0709 | 0.009 | <0.001 | <0.001 | <0.01 | 7.27 | 0.129 | 0.007 | 0.26 | 1.8 | 0.014 | 0.013 | <0.001 | <0.001 | | | | | |
| 701176 | CMCSH0709 | 0.007 | <0.001 | <0.001 | <0.01 | 8.47 | 0.094 | 0.006 | 0.2 | 1.69 | 0.006 | 0.003 | 0.01 | <0.001 | | | | | |
| 701177 | CMCSH0709 | 0.031 | <0.001 | <0.001 | <0.01 | 16.16 | 0.042 | 0.008 | 0.36 | 1.29 | 0.006 | 0.01 | 0.005 | <0.001 | | | | | |
| 701178 | CMCSH0709 | 0.044 | 0.004 | 0.001 | <0.01 | 13.3 | 0.068 | 0.007 | 0.35 | 1.4 | 0.008 | 0.044 | 0.001 | <0.001 | | | | | |
| 701179 | CMCSH0709 | 0.004 | <0.001 | <0.001 | <0.01 | 7.94 | 0.027 | 0.013 | 0.14 | 2.14 | 0.005 | 0.003 | <0.001 | <0.001 | | | | | |
| 701181 | CMCSH0709 | 0.105 | <0.001 | <0.001 | <0.01 | 16.46 | 0.031 | 0.008 | 0.14 | 1.22 | 0.004 | 0.007 | <0.001 | <0.001 | | | | | |
| 701182 | CMCSH0709 | 0.141 | 0.002 | <0.001 | <0.01 | 27.91 | 0.071 | <0.001 | 0.08 | 0.43 | 0.032 | 0.019 | <0.001 | <0.001 | | | | | |
| 701183 | CMCSH0709 | 0.009 | 0.015 | <0.001 | <0.01 | 8.92 | 0.04 | 0.011 | 0.15 | 1.86 | 0.003 | 0.008 | 0.007 | <0.001 | | | | | |
| 701184 | CMCSH0709 | 0.004 | <0.001 | <0.001 | <0.01 | 8.48 | 0.057 | 0.006 | 0.18 | 1.84 | 0.007 | 0.003 | 0.001 | <0.001 | | | | | |
| 701186 | CMCSH0709 | 0.003 | <0.001 | <0.001 | <0.01 | 8.49 | 0.044 | 0.006 | 0.18 | 2.01 | 0.004 | 0.002 | <0.001 | <0.001 | | | | | |
| 701187 | CMCSH0709 | 0.004 | <0.001 | <0.001 | <0.01 | 9.58 | 0.037 | 0.008 | 0.23 | 1.96 | 0.004 | 0.002 | 0.007 | <0.001 | | | | | |
| 701188 | CMCSH0709 | 0.004 | <0.001 | <0.001 | <0.01 | 8.29 | 0.048 | 0.005 | 0.22 | 2.16 | 0.004 | 0.033 | 0.002 | <0.001 | | | | | |
| 701189 | CMCSH0709 | 0.004 | <0.001 | <0.001 | <0.01 | 8.05 | 0.028 | 0.008 | 0.22 | 2.15 | 0.004 | 0.004 | 0.015 | <0.001 | | | | | |
| 701191 | CMCSH0709 | 0.005 | <0.001 | <0.001 | <0.01 | 8.33 | 0.051 | 0.006 | 0.28 | 2.09 | 0.007 | 0.005 | <0.001 | <0.001 | | | | | |
| 701192 | CMCSH0709 | 0.009 | <0.001 | <0.001 | <0.01 | 7.15 | 0.051 | 0.01 | 0.26 | 2.35 | 0.036 | 0.041 | <0.001 | <0.001 | | | | | |
| 701193 | CMCSH0709 | 0.016 | <0.001 | <0.001 | <0.01 | 5.4 | 0.044 | 0.008 | 0.58 | 2.29 | 0.037 | 0.164 | <0.001 | <0.001 | | | | | |
| 701194 | CMCSH0709 | 0.047 | <0.001 | <0.001 | <0.01 | 1.73 | 0.035 | 0.009 | 1.1 | 2.7 | 0.104 | 0.703 | 0.048 | <0.001 | | | | | |
| 701196 | CMCSH0709 | 0.026 | <0.001 | <0.001 | <0.01 | 1.27 | 0.036 | 0.009 | 1.03 | 2.62 | 0.14 | 0.777 | <0.001 | <0.001 | | | | | |
| 701197 | CMCSH0709 | 0.026 | <0.001 | <0.001 | <0.01 | 3.4 | 0.019 | 0.005 | 0.68 | 1.93 | 0.062 | 0.303 | <0.001 | <0.001 | | | | | |
| 701198 | CMCSH0709 | 0.026 | <0.001 | <0.001 | <0.01 | 1.65 | 0.033 | 0.008 | 0.71 | 2.31 | 0.1 | 0.687 | <0.001 | <0.001 | | | | | |
| 701199 | CMCSH0709 | 0.02 | <0.001 | <0.001 | <0.01 | 0.86 | 0.051 | 0.005 | 1.14 | 2.99 | 0.052 | 1.009 | <0.001 | <0.001 | | | | | |
| 701201 | CMCSH0709 | 0.05 | <0.001 | <0.001 | <0.01 | 6.78 | 0.047 | 0.006 | 0.2 | 1.86 | 0.031 | 0.139 | 0.002 | <0.001 | | | | | |
| 701202 | CMCSH0709 | 0.041 | <0.001 | <0.001 | <0.01 | 6.39 | 0.047 | 0.004 | 0.85 | 2.17 | 0.052 | 0.112 | <0.001 | <0.001 | | | | | |
| 701203 | CMCSH0710 | 0.029 | <0.001 | <0.001 | <0.01 | 18.68 | 0.027 | 0.006 | 0.29 | 1.13 | 0.002 | 0.008 | 0.001 | <0.001 | | | | | |
| 701204 | CMCSH0710 | 0.031 | <0.001 | <0.001 | <0.01 | 3.84 | 0.111 | 0.005 | 0.31 | 2.56 | 0.121 | 0.094 | <0.001 | <0.001 | | | | | |
| 701206 | CMCSH0710 | 0.041 | <0.001 | <0.001 | <0.01 | 10.77 | 0.132 | 0.006 | 0.52 | 2.64 | 0.021 | 0.04 | <0.001 | <0.001 | | | | | |

| Sample_ID | Ref_ID | 7AR Sr% 0.001 | 7AR Cd% 0.001 | 7AR Sb% 0.001 | 7AR Bi% 0.01 | 7AR Ca% 0.01 | 7AR P% 0.001 | 7AR Cr% 0.001 | 7AR Mg% 0.01 | 7AR Al% 0.01 | 7AR Na% 0.01 | 7AR K% 0.01 | 7AR W% 0.001 | 7AR Hg% 0.001 | 7AR Ag GM/T 2 | 7AR Pb% 0.01 | G6 AuGM/T 0.01 | G7 AgGM/T <2 | WTKG 0 |
|-----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|------------------------|--------------------|----------------------|--------------------|-----------|
| 701207 | CMCSH0710 | 0.074 | <0.001 | <0.001 | <0.01 | 21.93 | 0.057 | 0.002 | 0.21 | 0.7 | 0.012 | 0.053 | 0.002 | <0.001 | | | | | |
| 701208 | CMCSH0710 | 0.06 | 0.001 | <0.001 | <0.01 | 21.68 | 0.059 | 0.004 | 0.24 | 0.93 | 0.004 | 0.046 | 0.032 | <0.001 | | | | | |
| 701209 | CMCSH0710 | 0.007 | 0.016 | 0.001 | 0.03 | 6.4 | 0.055 | 0.003 | 0.21 | 1.1 | 0.006 | 0.009 | 0.051 | <0.001 | | | | | |
| 701211 | CMCSH0710 | 0.014 | 0.006 | <0.001 | 0.02 | 6.48 | 0.09 | 0.004 | 0.31 | 1.38 | 0.004 | 0.215 | 0.038 | <0.001 | | | | | |
| 701212 | CMCSH0710 | 0.01 | 0.004 | <0.001 | <0.01 | 5.36 | 0.134 | 0.006 | 1.27 | 2.02 | 0.015 | 0.109 | 0.008 | <0.001 | | | | | |
| 701213 | CMCSH0710 | 0.033 | <0.001 | <0.001 | <0.01 | 3.59 | 0.051 | 0.007 | 0.46 | 2.62 | 0.182 | 0.193 | 0.001 | <0.001 | | | | | |
| 701214 | CMCSH0711 | 0.014 | 0.001 | <0.001 | 0.01 | 13.97 | 0.038 | 0.004 | 0.16 | 1.72 | 0.006 | 0.023 | 0.004 | <0.001 | | | | | |
| 701216 | CMCSH0711 | 0.009 | 0.017 | <0.001 | 0.06 | 21.66 | 0.054 | 0.002 | 0.08 | 0.89 | 0.002 | 0.009 | 0.011 | <0.001 | | | | | |
| 701217 | CMCSH0711 | 0.054 | <0.001 | <0.001 | <0.01 | 15.83 | 0.051 | 0.004 | 0.4 | 1.05 | 0.008 | 0.011 | <0.001 | <0.001 | | | | | |
| 701218 | CMCSH0711 | 0.021 | 0.001 | <0.001 | <0.01 | 6.69 | 0.088 | 0.011 | 1.59 | 1.53 | 0.01 | 0.369 | <0.001 | <0.001 | | | | | |
| 701219 | CMCSH0711 | 0.072 | <0.001 | <0.001 | <0.01 | 13.59 | 0.047 | 0.005 | 0.18 | 1.02 | 0.005 | 0.054 | 0.002 | <0.001 | | | | | |
| 701221 | CMCSH0711 | 0.029 | 0.012 | <0.001 | 0.01 | 20.74 | 0.066 | 0.002 | 0.51 | 1.54 | 0.011 | 0.065 | 0.011 | <0.001 | | | | | |
| 701222 | CMCSH0711 | 0.033 | <0.001 | <0.001 | <0.01 | 26.49 | 0.028 | 0.003 | 0.28 | 2.34 | 0.017 | 0.094 | 0.025 | <0.001 | | | | | |
| 701223 | CMCSH0711 | 0.032 | <0.001 | 0.001 | <0.01 | 26.57 | 0.025 | 0.002 | 0.38 | 3.01 | 0.011 | 0.034 | 0.006 | <0.001 | | | | | |
| 701224 | CMCSH0711 | 0.032 | <0.001 | <0.001 | <0.01 | 23.32 | 0.036 | 0.004 | 0.4 | 2.89 | 0.011 | 0.017 | 0.053 | <0.001 | | | | | |
| 701226 | CMCSH0711 | 0.029 | 0.002 | <0.001 | <0.01 | 21.55 | 0.057 | 0.002 | 0.38 | 1.36 | 0.013 | 0.153 | 0.011 | <0.001 | | | | | |
| 701227 | CMCSH0711 | 0.102 | 0.003 | <0.001 | <0.01 | 25.75 | 0.063 | 0.001 | 0.91 | 0.79 | 0.016 | 0.12 | 0.003 | <0.001 | | | | | |
| 701228 | CMCSH0711 | 0.078 | <0.001 | 0.001 | <0.01 | 8.13 | 0.046 | 0.004 | 0.41 | 2.82 | 0.127 | 0.178 | 0.054 | <0.001 | | | | | |
| 701229 | CMCSH0711 | 0.023 | <0.001 | <0.001 | <0.01 | 11.5 | 0.049 | 0.005 | 0.35 | 2.34 | 0.02 | 0.033 | 0.009 | <0.001 | | | | | |
| 701231 | CMCSH0711 | 0.036 | <0.001 | <0.001 | <0.01 | 2.08 | 0.041 | 0.008 | 1.14 | 2.78 | 0.22 | 0.673 | <0.001 | <0.001 | | | | | |
| 701232 | CMCSH0711 | 0.037 | <0.001 | <0.001 | <0.01 | 4.77 | 0.053 | 0.004 | 0.38 | 1.58 | 0.105 | 0.053 | 0.001 | <0.001 | | | | | |
| 701233 | CMCSH0711 | 0.05 | <0.001 | <0.001 | <0.01 | 3.85 | 0.058 | 0.005 | 0.38 | 1.6 | 0.147 | 0.094 | <0.001 | <0.001 | | | | | |
| 701234 | CMCSH0711 | 0.062 | <0.001 | <0.001 | <0.01 | 1.78 | 0.045 | 0.006 | 0.57 | 2.36 | 0.348 | 0.196 | <0.001 | <0.001 | | | | | |
| 701236 | CMCSH0711 | 0.054 | <0.001 | <0.001 | <0.01 | 13.43 | 0.039 | 0.004 | 0.56 | 1.65 | 0.03 | 0.182 | <0.001 | <0.001 | | | | | |
| 701237 | CMCSH0711 | 0.019 | <0.001 | <0.001 | <0.01 | 9.95 | 0.04 | 0.004 | 1.31 | 1.53 | 0.01 | 0.116 | 0.009 | <0.001 | | | | | |
| 701238 | CMCSH0711 | 0.07 | <0.001 | <0.001 | <0.01 | 4.27 | 0.05 | 0.007 | 1.24 | 3.29 | 0.053 | 0.573 | <0.001 | <0.001 | | | | | |
| 701239 | CMCSH0711 | 0.013 | <0.001 | 0.003 | <0.01 | 5.17 | 0.045 | 0.005 | 0.83 | 2.7 | 0.038 | 0.639 | 0.002 | <0.001 | | | | | |
| 701241 | CMCSH0711 | 0.076 | <0.001 | <0.001 | <0.01 | 16.41 | 0.072 | 0.005 | 0.47 | 1.98 | 0.007 | 0.218 | 0.001 | <0.001 | | | | | |
| 701242 | CMCSH0711 | 0.028 | 0.004 | 0.007 | <0.01 | 12.15 | 0.045 | 0.002 | 0.65 | 1.31 | 0.006 | 0.386 | 0.002 | <0.001 | 5.71 | | | | |
| 701243 | CMCSH0711 | 0.031 | <0.001 | <0.001 | <0.01 | 8.44 | 0.052 | 0.003 | 0.45 | 1.81 | 0.007 | 0.761 | 0.003 | <0.001 | | | | | |
| 701244 | CMCSH0711 | 0.032 | <0.001 | <0.001 | <0.01 | 5.24 | 0.055 | 0.004 | 0.72 | 2.02 | 0.092 | 0.574 | <0.001 | <0.001 | | | | | |
| 701246 | CMCSH0711 | 0.014 | <0.001 | <0.001 | <0.01 | 1.74 | 0.056 | 0.004 | 0.71 | 2.32 | 0.148 | 0.572 | 0.002 | <0.001 | | | | | |
| 701247 | FA07056 | 0.004 | 0.005 | 0.001 | <.01 | 0.21 | 0.049 | 0.001 | 0.04 | 0.49 | 0.01 | 0.39 | <.001 | <.001 | | | 0.01 | 14 | 1.6 |
| 701248 | FA07056 | 0.001 | 0.001 | 0.309 | <.01 | <.01 | 0.001 | <.001 | <.01 | 0.01 | <.01 | <.01 | <.001 | <.001 | | | 0.03 | 3188 | 2 |
| 701249 | FA07056 | 0.038 | 0.01 | 0.003 | <.01 | 8.77 | 0.019 | 0.001 | 0.19 | 0.45 | 0.01 | 0.34 | 0.007 | 0.001 | | | 0.13 | 41 | 1.7 |
| 701251 | FA07067 | 0.018 | <.001 | 0.011 | 0.01 | 2.01 | 0.026 | 0.002 | 0.3 | 3.51 | 0.17 | 0.08 | 0.004 | <.001 | | | 0.07 | 94 | 1.1 |
| 701252 | FA07078 | 0.013 | 0.001 | 0.108 | <.01 | 0.07 | 0.019 | <.001 | <.01 | 0.05 | <.01 | 0.03 | <.001 | <.001 | | | 0.03 | 1510 | 1.6 |
| 701253 | FA07113 | 0.016 | 0.015 | 0.005 | <.01 | 2.67 | 0.022 | 0.001 | 0.26 | 0.4 | <.01 | 0.17 | 0.01 | <.001 | | | 0.01 | 30 | 2.6 |
| 701254 | FA07112 | 0.026 | 0.005 | 0.002 | <.01 | 0.92 | 0.041 | <.001 | 0.04 | 0.41 | 0.01 | 0.15 | 0.013 | <.001 | | | <.01 | 39 | 2.1 |
| 701256 | FA07111 | 0.022 | 0.007 | <.001 | <.01 | 0.18 | 0.046 | 0.001 | 0.02 | 0.23 | 0.01 | 0.1 | <.001 | <.001 | | | 0.02 | 14 | 2.3 |
| 701257 | FA07110 | 0.01 | 0.014 | 0.005 | <.01 | 0.29 | 0.045 | 0.001 | 0.13 | 0.67 | <.01 | 0.08 | 0.004 | <.001 | | | 0.03 | 111 | 5.4 |
| 701258 | FA07110 | 0.009 | 0.024 | 0.014 | <.01 | 0.07 | 0.051 | 0.001 | 0.02 | 0.24 | <.01 | 0.06 | 0.003 | 0.001 | | | 0.02 | 240 | 5.3 |
| 701259 | FA07110 | 0.013 | 0.009 | 0.006 | <.01 | 0.09 | 0.035 | <.001 | 0.03 | 0.2 | <.01 | 0.07 | <.001 | <.001 | | | <.01 | 121 | 5.7 |
| 701261 | FA07110 | 0.026 | 0.012 | 0.002 | <.01 | 0.09 | 0.077 | <.001 | 0.01 | 0.42 | 0.01 | 0.14 | <.001 | <.001 | | | 0.02 | 51 | 4.8 |

Appendix IV

2007 Silver Hart Rock Descriptions

2007 Rock Samples Silver Hart property

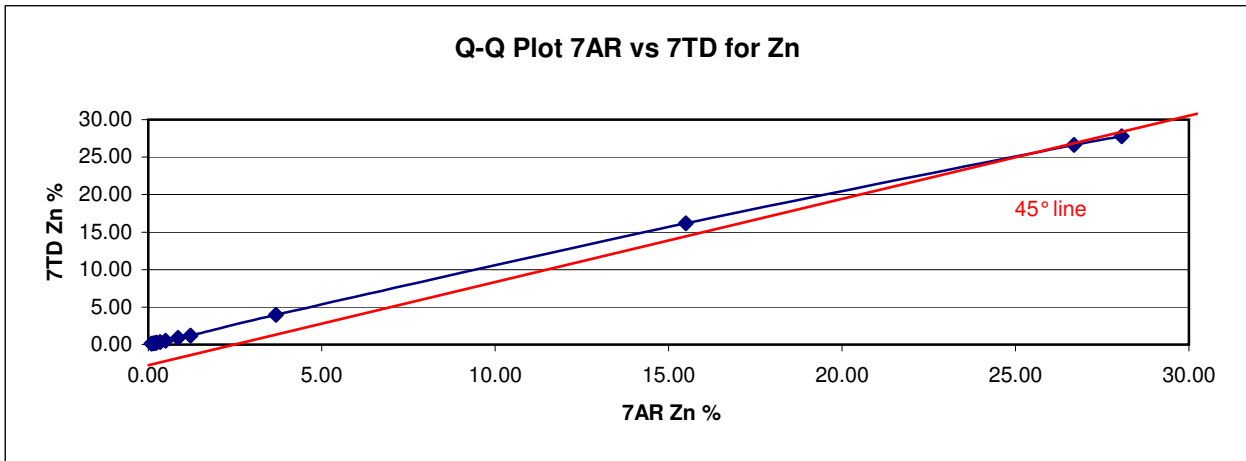
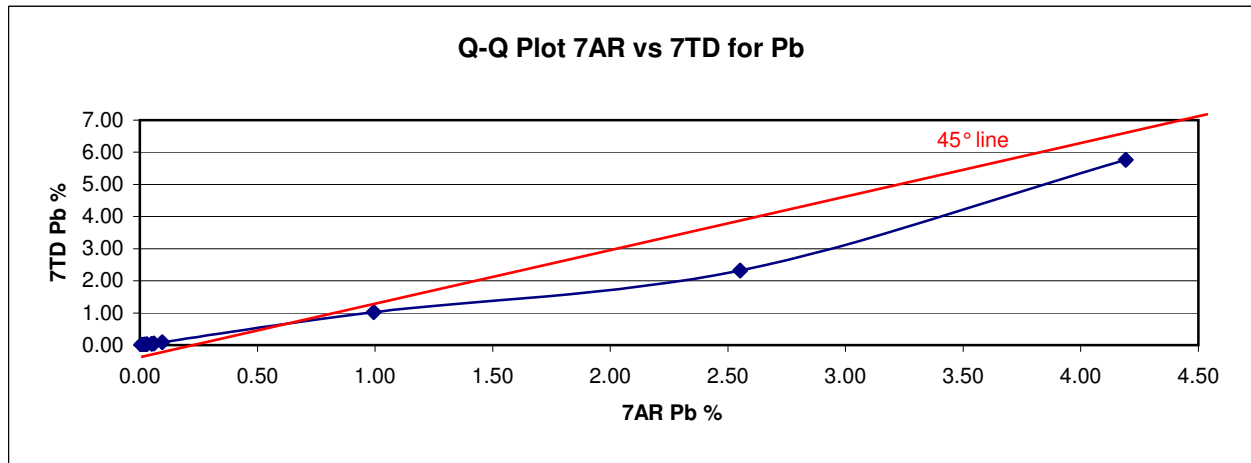
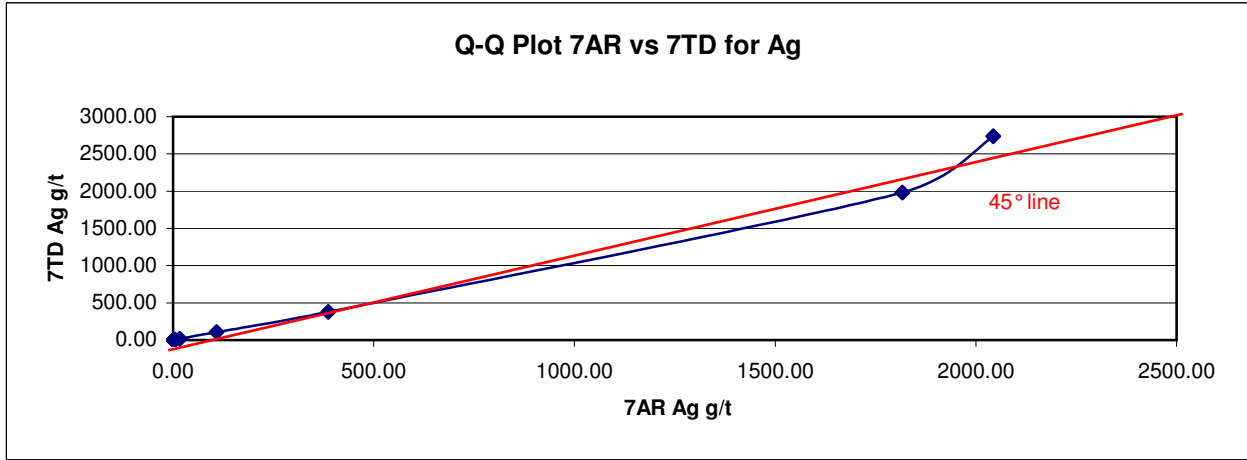
| Sample No | Easting | Northing | Description |
|-----------|---------|----------|--|
| 701247 | 405196 | 6689080 | (14m grid south of FA 56 vein) 50cm chip across structure 050/70SE; MnOx rind on oxidising quartzose schist ; 1% diss cubic clusters. Structure across a contact between limey garnet + wollastonite ? and garnet + diopside + hendenbergite calc-silicate, FW limey unit has narrow silicified envelope, examples kept of MnOx stained schist and silicified FW outcrop. |
| 701248 | 405196 | 6689080 | (at site of FA56 galena) 12cm chip across massive galena lens; lens trends within fault for ~ 3m extent and can be exposed through trenching; galena occurs at contact FW between limestone and garnet diopside calc-silicate; structure trends 070/85S; FW not exposed but appears unaltered; HW has FeOx staining of several cm into wallrock; outcrop |
| 701249 | 405196 | 6689080 | (84m grid N of FA 56 vein) 50cm chip of Mn gossanous calcite vein filling a structure trending 230/70NW; calcite core pinches and swells; fine veinlets of galena and occasional spots of dark brown sphalerite clusters within vein margins; wallrock is a feldspathic, leucocratic schist bed within a garnet diopside calc-silicate; Fe and Mn staining in FW, wk silicification in HW; outcrop |
| 701250 | | | Standard Pb121 |
| 701251 | 405245 | 6689173 | Float (FA67) Mn Oxidised rind on pyrrhotite rich feldspathic schist collected in area of highly Pb/Zn anomalous soil ~ grid 12400N 11250E; outcrop nearby is garnet + feldspar calc silicate; float of qtz vein breccia (cockade qtz enclosing oxidised feldspathic rock fragments) in area |
| 701252 | 404799 | 6689400 | (FA78) selective grab of galena and anglesite pods from a MnOx qtz vein breccia cap on top of the hill overlooking the property; geochem anomaly identified by stations FA69 and FA67 likely comes from fall debris from trenching of this gossan; |
| 701253 | 405228 | 6689996 | (FA113/FA22) (J Zone) MnOx gossaned outcrop of feldspathic schist plus mineralised qtz and calcite vein filled fault; fault trends 240/73N; random chip across width of outcrop ~ 2m; narrow veinlets of coarse grained galena with patches of sphalerite clusters along margins of fault vein; HW of fault shows no alteration and varies from limey calc-silicate to feldspathic schist; FW of fault is oxidised feldspathic schist; appears to be a possible folded bed |
| 701254 | 405143 | 6688876 | (FA18/FA112) (D Zone South) random chip across a MnOx gossan (replaced limestone) and across a quartz and calcite veined structure trending 230/87NW; some pervasive Mn pieces are heavy, others show porous texture from leached sulfide; |
| 701255 | | | Blank |
| 701256 | 405152 | 6688914 | (FA111) botroidal and vuggy MnOx gossan ~ 10m south of main D zone replaced bed; random grab from outcrop of calcite veinlets and massive pervasive Mn replaced material; some pieces are leached of sulfide (porous); also have some qtz vein breccia as seen at FA78 and FA70 |
| 701257 | | | (D Zone 0-5) FA110 5m wide random chip along MnOx replaced limestone body with pods of galena; see notes Sept 10 - FA110 |
| 701258 | | | (D Zone 5-10) FA110 5m wide random chip along MnOx replaced limestone body with pods of galena |
| 701259 | | | (D Zone 10-15) FA110 5m wide random chip along MnOx replaced body with pods of galena; also have massive hard siliceous lenses showing no sign of bedding, trend ~ 205 degrees within the 330 degree trending bed; dilatent openings within a 330 degree trending structure?; not likely but a theory presented in notes on July 13 |
| 701260 | | | Standard Pb121 |
| 701261 | | | (D Zone 15-20) FA110 5m wide random chip along MnOx replaced body within veinlets of galena |

Appendix V

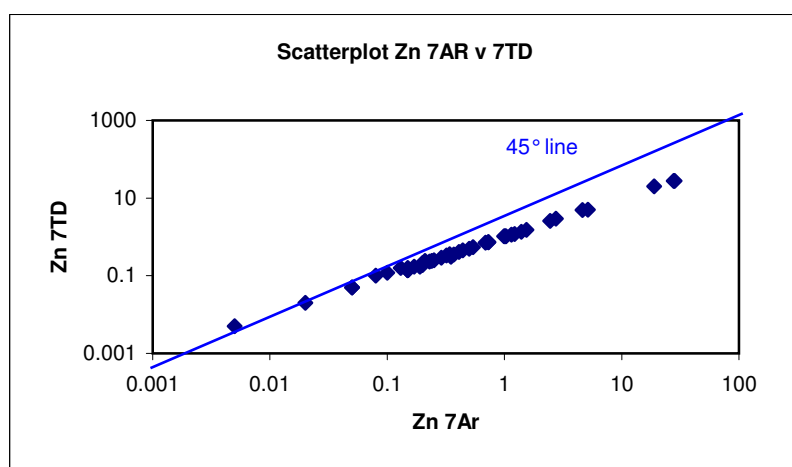
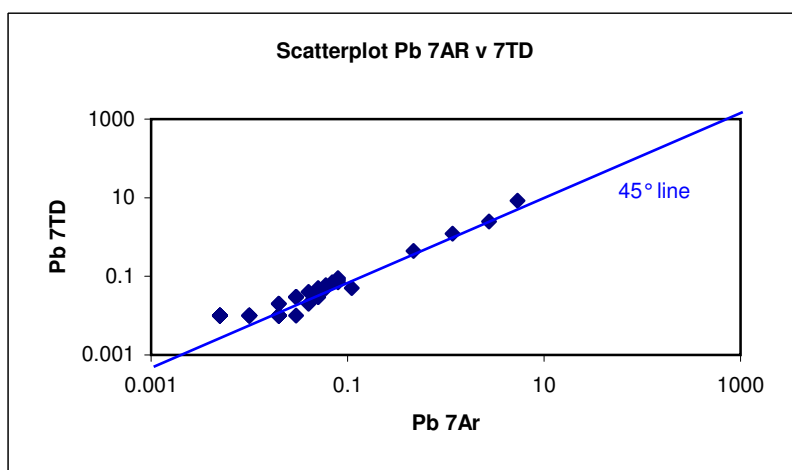
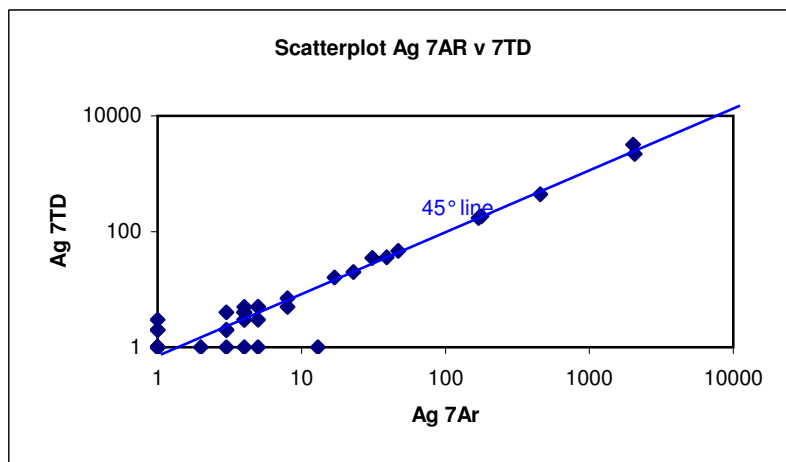
2007 Silver Hart QA Charting

7AR vs 7TD Analytical Methods

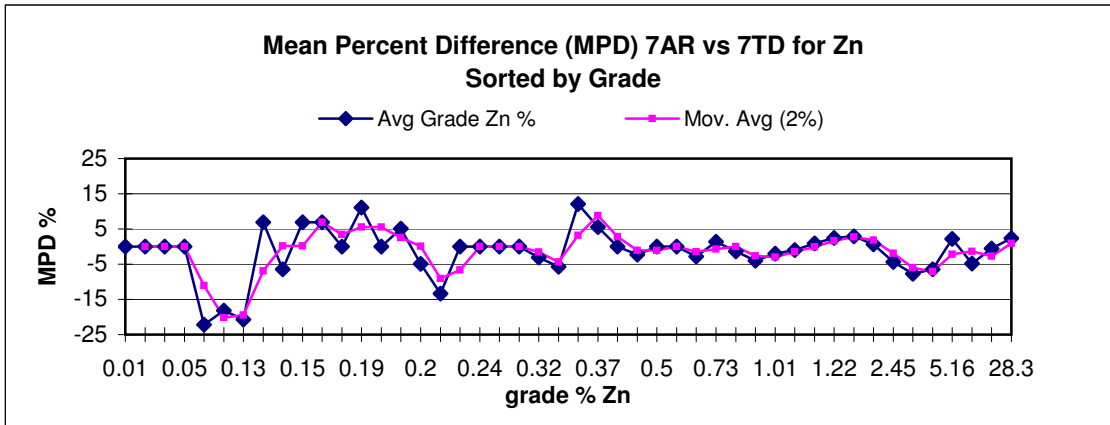
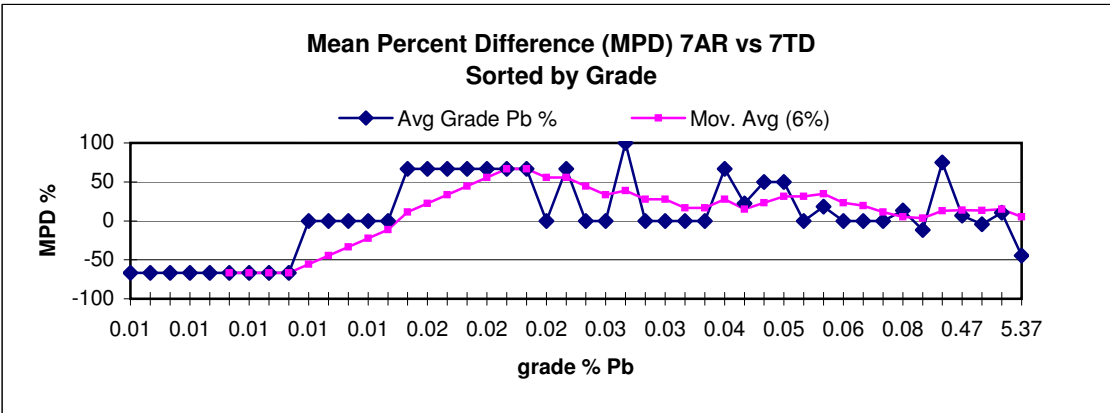
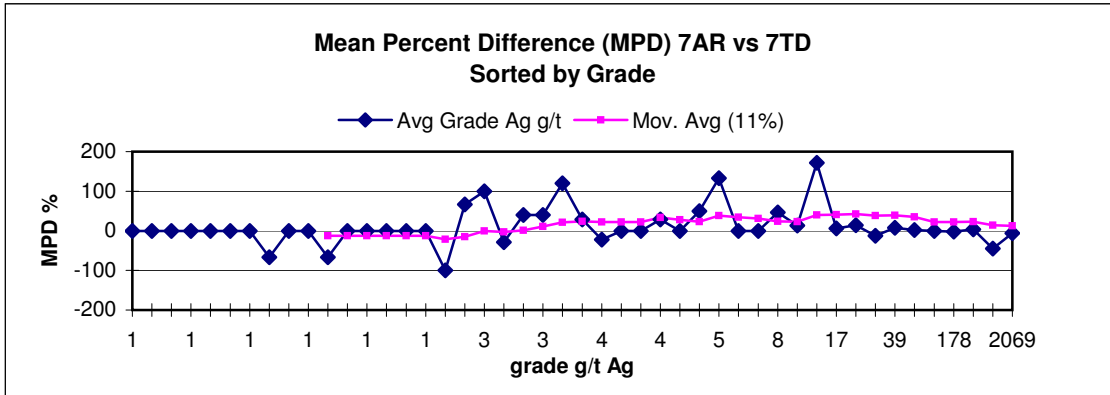
2007 QA 7AR vs 7TD Charting



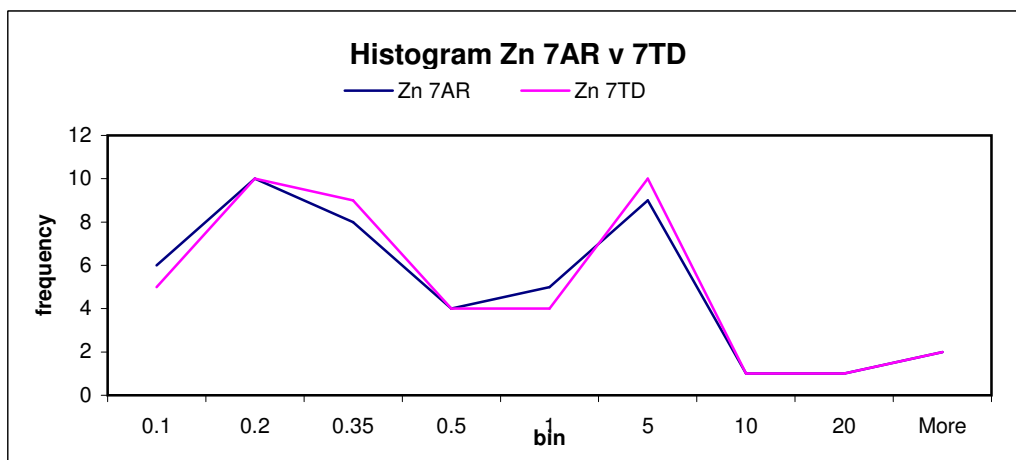
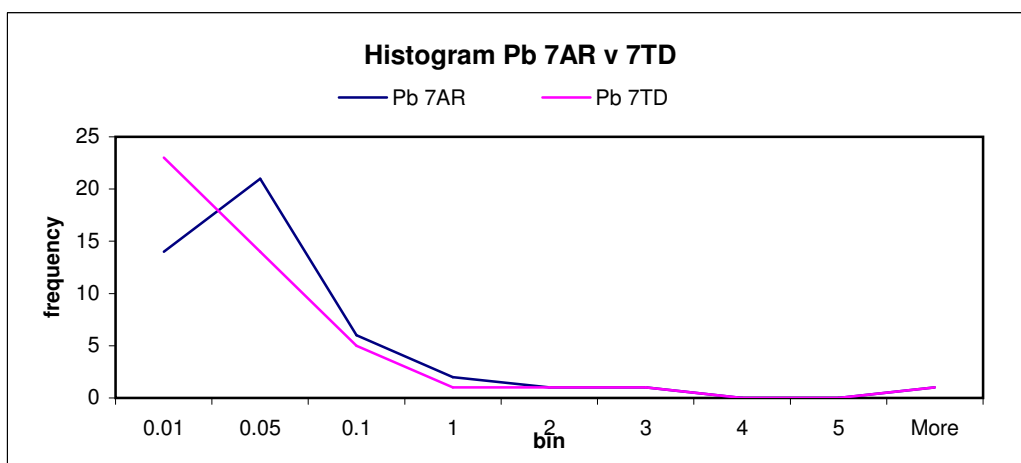
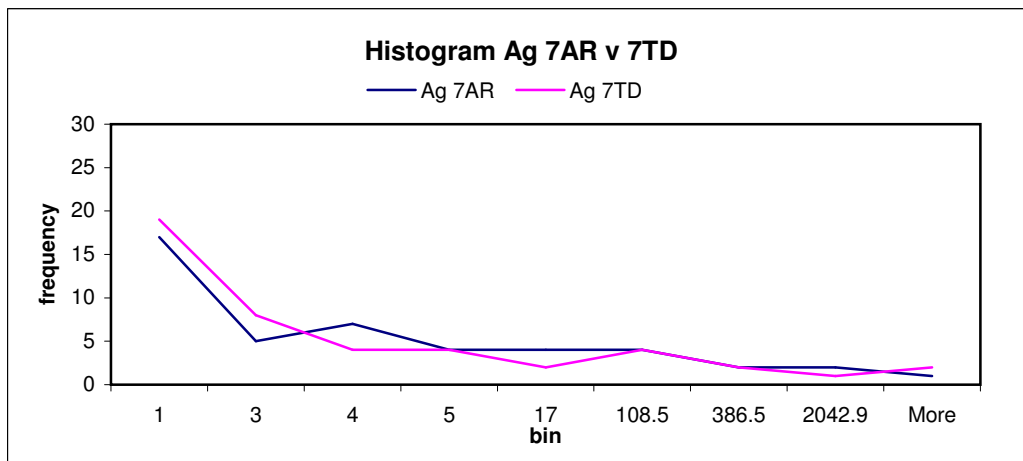
2007 QA 7AR vs 7TD Charting



2007 QA 7AR vs 7TD Charting



2007 QA 7AR vs 7TD Charting



Appendix VI
2007 Silver Hart QA
Twinned Holes

2007 QA Twinned Holes-Comparison of Geology, Alteration and Mineralization

Geology Hole CMC SH07-01 vs HS85-07

| Hole ID | From_m | To_m | Lith | Twin ID | From_m | To_m | Lith |
|-----------|--------|-------|------|---------|--------|-------|------|
| CMCSH0701 | 0 | 13 | OVBN | HS85007 | 0.00 | 7.92 | ovb |
| CMCSH0701 | 13 | 30.2 | GRDR | HS85007 | 7.92 | 22.05 | grdr |
| | | | | HS85007 | 22.05 | 23.01 | andd |
| | | | | HS85007 | 23.01 | 23.49 | grdr |
| | | | | HS85007 | 23.49 | 24.33 | vein |
| CMCSH0701 | 30.2 | 31.9 | ANDD | HS85007 | 24.33 | 28.76 | andd |
| CMCSH0701 | 31.9 | 33.5 | GRDR | HS85007 | 28.76 | 30.08 | grdr |
| CMCSH0701 | 33.5 | 34.15 | VEIN | HS85007 | 30.08 | 30.68 | vein |
| CMCSH0701 | 34.15 | 76.75 | GRDR | HS85007 | 30.68 | 46.02 | grdr |

Alteration Hole CMC SH07-01 vs HS85-07

| Hole ID | From | To | Alteration | Hole ID | From | To | Alteration |
|-----------|------|------|------------|---------|-------|-------|------------|
| CMCSH0701 | 13 | 16.7 | OXI | HS85007 | 7.92 | 17.50 | BLE |
| CMCSH0701 | 16.7 | 18.3 | CLA | | | | |
| CMCSH0701 | 18.3 | 19.7 | BLE | | | | |
| CMCSH0701 | 19.7 | 23.5 | CHL | HS85007 | 17.50 | 18.46 | CHL |
| CMCSH0701 | 23.5 | 27.8 | CHL | HS85007 | 18.46 | 22.05 | BLE |
| CMCSH0701 | 24.3 | 26 | OXI | | | | |
| CMCSH0701 | 26 | 27.6 | SIL | | | | |
| CMCSH0701 | 27.6 | 28.5 | CLA | | | | |
| CMCSH0701 | 28.5 | 30.2 | BLE | HS85007 | 23.01 | 23.49 | SIL |
| CMCSH0701 | 30.2 | 31.9 | CLA | HS85007 | 24.33 | 28.76 | CLA |
| CMCSH0701 | 31.9 | 33.5 | SIL | HS85007 | 28.76 | 30.08 | SIL |
| CMCSH0701 | 34.2 | 36.6 | SIL | HS85007 | 30.68 | 32.84 | SIL |
| CMCSH0701 | 36.6 | 48 | BLE | HS85007 | 32.84 | 41.83 | BLE |
| CMCSH0701 | 48 | 50.9 | BLE | HS85007 | 41.83 | 42.55 | SIL |
| CMCSH0701 | 50.9 | 57 | CHL | HS85007 | 42.55 | 46.02 | BLE |

Mineralized Zones and Recovery CMC SH07-01 vs HS85-07

| Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Recovery |
|-------------|--------|------|-------------|---------|------|-------|---------|--------|-------|-------------|--------|-----|------|---|
| | | | | | | | HS85-7 | 23.62 | 26.37 | 2.75 | 213 | 0.4 | 3.4 | <20% recovery 1985 |
| CMC SH07-01 | 33.5 | 34.2 | 0.70 | 2069.00 | 2.75 | 28.28 | HS85-7 | 30.11 | 30.85 | 0.73 | 2267 | 2.6 | 23.9 | 86% recovery 1985 vs 93% recovery in 2007 |
| | | | | | | | HS85-7 | 43.62 | 43.92 | 0.30 | 94 | 0.3 | 1.6 | 55% recovery 1985 |

2007 QA Twinned Holes-Comparison of Geology, Alteration and Mineralization

Geology Hole CMC SH07-03 vs HS85-06

| Hole ID | From_m | To_m | Lith | Twin ID | From_m | To_m | Lith |
|-----------|--------|-------|------|---------|--------|-------|------|
| CMCSH0703 | 0 | 8 | OVBN | HS85006 | 0.00 | 6.22 | ovb |
| CMCSH0703 | 8 | 30.5 | GRDR | HS85006 | 6.22 | 24.11 | grdr |
| | | | | HS85006 | 24.11 | 24.32 | vein |
| | | | | HS85006 | 24.32 | 28.47 | grdr |
| CMCSH0703 | 30.5 | 31.15 | VEIN | HS85006 | 28.47 | 28.86 | vein |
| CMCSH0703 | 31.15 | 36.3 | GRDR | HS85006 | 28.86 | 35.05 | grdr |
| CMCSH0703 | 36.3 | 37.2 | FALT | HS85006 | 35.05 | 35.69 | andd |
| CMCSH0703 | 37.2 | 38.4 | GRDR | HS85006 | 35.69 | 36.12 | grdr |
| CMCSH0703 | 38.4 | 40.1 | ANDD | HS85006 | 36.12 | 36.58 | andd |
| CMCSH0703 | 40.1 | 46 | GRDR | HS85006 | 36.58 | 42.67 | grdr |

Alteration Hole CMC SH07-03 vs HS85-06

| Hole ID | From | To | Alteration | Hole ID | From | To | Alteration |
|-----------|------|------|------------|---------|-------|-------|------------|
| CMCSH0703 | 7.8 | 17 | OXI | HS85006 | 6.22 | 10.00 | BLE |
| | | | | HS85006 | 10.00 | 12.25 | CHL |
| | | | | HS85006 | 12.25 | 15.67 | BLE |
| CMCSH0703 | 17 | 20.6 | CHL | HS85006 | 15.67 | 17.13 | CHL |
| CMCSH0703 | 20.6 | 23.1 | OXI | HS85006 | 17.13 | 24.11 | BLE |
| CMCSH0703 | 23.1 | 26.4 | BLE | | | | |
| CMCSH0703 | 26.4 | 31.3 | SIL | HS85006 | 24.11 | 28.86 | SIL |
| | | | | HS85006 | 28.86 | 33.74 | BLE |
| | | | | HS85006 | 33.74 | 33.83 | SIL |
| CMCSH0703 | 31.3 | 38.4 | BLE | HS85006 | 33.83 | 36.12 | BLE |
| CMCSH0703 | 32.5 | 35 | SIL | | | | |
| CMCSH0703 | 36.2 | 37.2 | CLA | HS85006 | 35.05 | 35.69 | CLA |
| CMCSH0703 | 38.4 | 40.1 | CLA | HS85006 | 36.12 | 36.58 | CLA |
| CMCSH0703 | 40.1 | 41.7 | CHL | HS85006 | 36.58 | 42.67 | CHL |
| CMCSH0703 | 41.7 | 42.5 | SIL | | | | |
| CMCSH0703 | 42.5 | 46 | BLE | | | | |

Mineralized Zones and Recovery CMC SH07-03 vs HS85-06

| Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Recovery |
|-------------|--------|-------|----------|--------|------|-------|---------|--------|-------|----------|---------|-------|-------|--|
| CMC SH07-03 | 27.8 | 28.4 | 0.6 | 170 | 0.47 | 2.75 | | | | | | | | 96% recovery from 26-29m in 2007 |
| CMC SH07-03 | 29.6 | 30 | 0.4 | 178 | 0.04 | 5.16 | HS85-6 | 24.11 | 24.32 | 0.21 | 723.97 | 0.88 | 9.39 | recovery not recorded 1985; 97% recovery from 29-32m in 2007 |
| CMC SH07-03 | 30.5 | 31.15 | 0.65 | 2011 | 5.37 | 27.79 | HS85-6 | 28.47 | 28.86 | 0.40 | 2717.81 | 11.40 | 18.60 | recovery not recorded 1985; 95% recovery in 2007 |

2007 QA Twinned Holes-Comparison of Geology, Alteration and Mineralization

Geology Hole CMC SH07-04 vs HS85-05

| Hole ID | From_m | To_m | Lith | Twin ID | From_m | To_m | Lith |
|-----------|--------|------|------|---------|--------|-------|------|
| CMCSH0704 | 0 | 3 | OVBN | HS85005 | 0.00 | 1.37 | cas |
| CMCSH0704 | 3 | 36.7 | GRDR | HS85005 | 1.37 | 10.30 | grdr |
| | | | | HS85005 | 10.30 | 15.94 | falt |
| | | | | HS85005 | 15.94 | 16.49 | grdr |
| | | | | HS85005 | 16.49 | 17.01 | falt |
| | | | | HS85005 | 17.01 | 33.22 | grdr |
| | | | | HS85005 | 33.22 | 33.53 | vein |
| | | | | HS85005 | 33.53 | 35.23 | grdr |
| CMCSH0704 | 36.7 | 37.9 | ANDD | HS85005 | 35.23 | 35.69 | andd |
| | | | | HS85005 | 35.69 | 36.52 | vein |
| CMCSH0704 | 37.9 | 39.8 | GRDR | HS85005 | 36.52 | 39.93 | grdr |
| CMCSH0704 | 39.8 | 41 | VEIN | HS85005 | 39.93 | 40.45 | vein |
| CMCSH0704 | 41 | 59 | GRDR | HS85005 | 40.45 | 41.15 | falt |
| | | | | HS85005 | 41.15 | 48.46 | grdr |

Alteration Hole CMC SH07-04 vs HS85-05

| Hole ID | From_m | To_m | Lith | Twin ID | From_m | To_m | Lith |
|-----------|--------|------|------|---------|--------|-------|------|
| CMCSH0704 | 0 | 3 | OVBN | HS85005 | 0.00 | 1.37 | cas |
| CMCSH0704 | 3 | 36.7 | GRDR | HS85005 | 1.37 | 10.30 | grdr |
| | | | | HS85005 | 10.30 | 15.94 | falt |
| | | | | HS85005 | 15.94 | 16.49 | grdr |
| | | | | HS85005 | 16.49 | 17.01 | falt |
| | | | | HS85005 | 17.01 | 33.22 | grdr |
| | | | | HS85005 | 33.22 | 33.53 | vein |
| | | | | HS85005 | 33.53 | 35.23 | grdr |
| CMCSH0704 | 36.7 | 37.9 | ANDD | HS85005 | 35.23 | 35.69 | andd |
| | | | | HS85005 | 35.69 | 36.52 | vein |
| CMCSH0704 | 37.9 | 39.8 | GRDR | HS85005 | 36.52 | 39.93 | grdr |
| CMCSH0704 | 39.8 | 41 | VEIN | HS85005 | 39.93 | 40.45 | vein |
| CMCSH0704 | 41 | 59 | GRDR | HS85005 | 40.45 | 41.15 | falt |
| | | | | HS85005 | 41.15 | 48.46 | grdr |

Mineralized Zones and Recovery CMC SH07-04 vs HS85-05

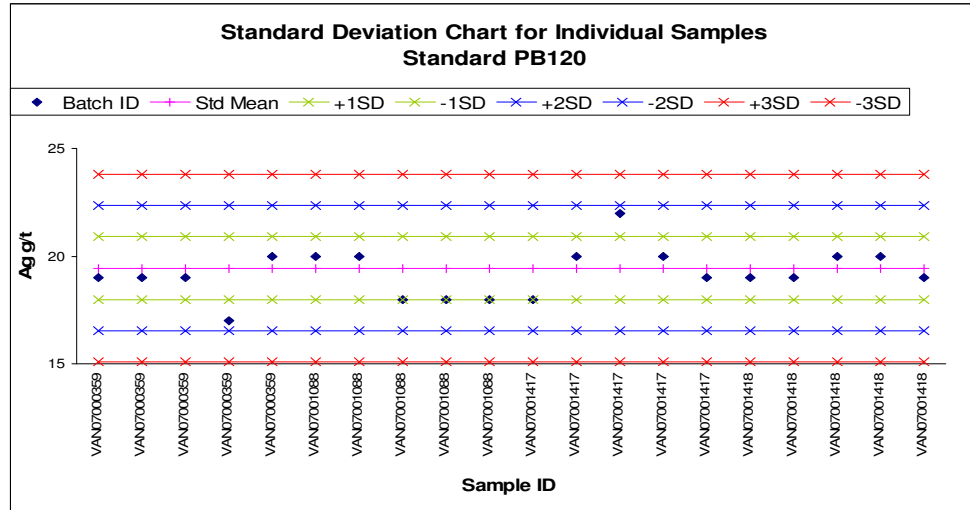
| Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Hole ID | From_m | To_m | Interval | Ag g/t | Pb% | Zn% | Recovery |
|-------------|--------|------|----------|--------|------|-------|------------------|--------|-------|----------|--------|------|------|--------------------------------------|
| CMC SH07-04 | 33.8 | 34.7 | 0.9 | 5 | 0.06 | 2.02 | HS85-5 | 33.22 | 34.29 | 1.07 | 55 | 0.1 | 5.8 | 100% recovery in 1985 vs 96% in 2007 |
| CMC SH07-04 | 37.9 | 38.5 | 0.6 | 39 | 0.03 | 4.62 | HS85-5 | 35.69 | 36.52 | 0.82 | 63.70 | 0.04 | 4.6 | 56% recovery in 1985 vs 100% in 2007 |
| | | | | | | | HS85-5 | 39.01 | 40.45 | 1.43 | 109.01 | 0.07 | 7.93 | 91% recovery in 1985 |
| CMC SH07-04 | 40.4 | 41 | 0.6 | 456 | 1.17 | 18.94 | <i>including</i> | 39.93 | 40.45 | 0.52 | 288 | 0.2 | 13.7 | 76% recovery in 1985 vs 97% in 2007 |

Appendix VII

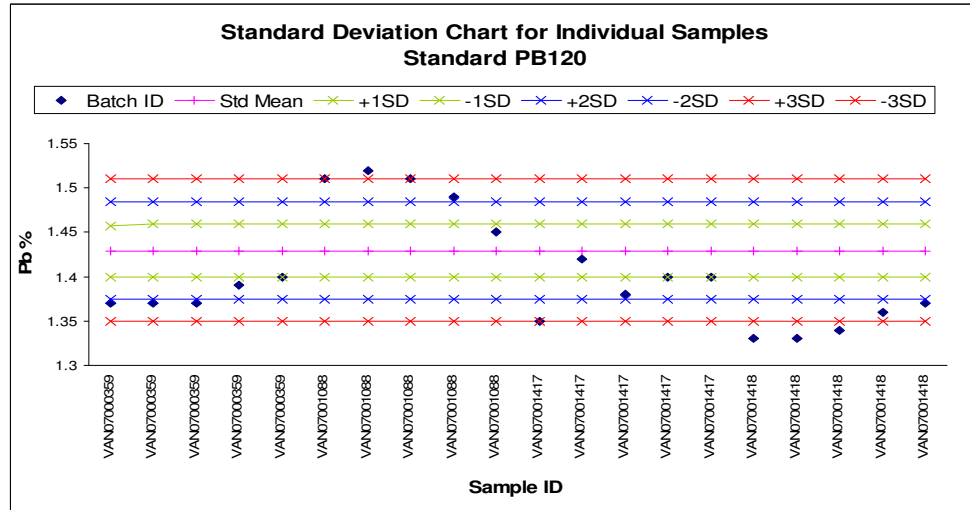
2007 Silver Hart QC Drilling

**Standards PB120 and PB121
and Blank Inserts**

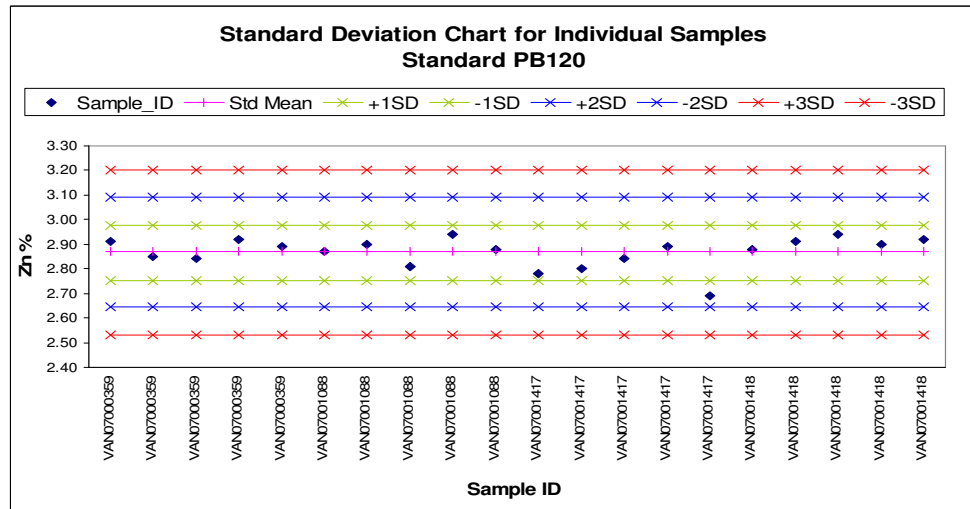
PB120 Silver:
sample results show good variation about the mean.



PB120 Lead:
Sample results show a problem with Pb analyses; analyses within $\pm 2SD$ of the mean are warnings of loss of control while analyses $\pm 3SD$ of the mean indicate the process is out of control.

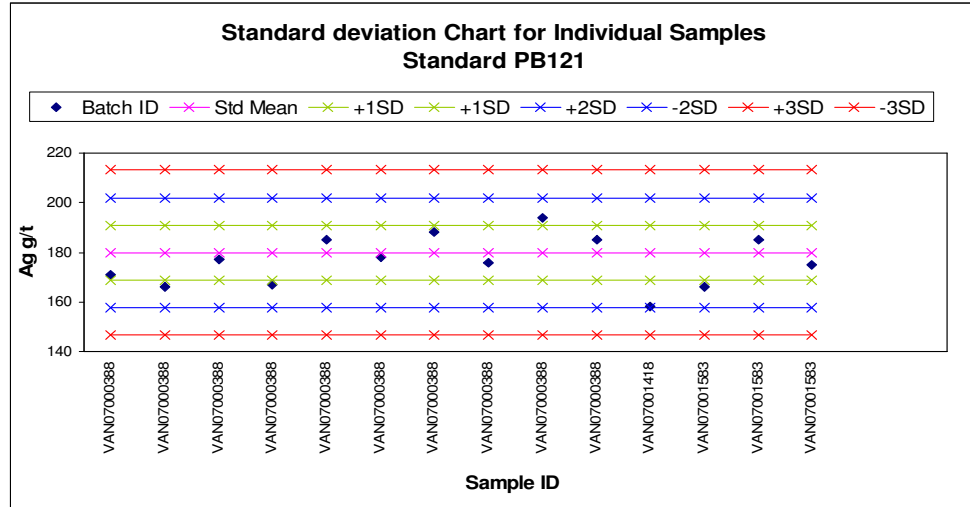


PB120 Zinc:
Sample results show Good variation about the mean and almost all samples plot within $\pm 1SD$ of the mean.

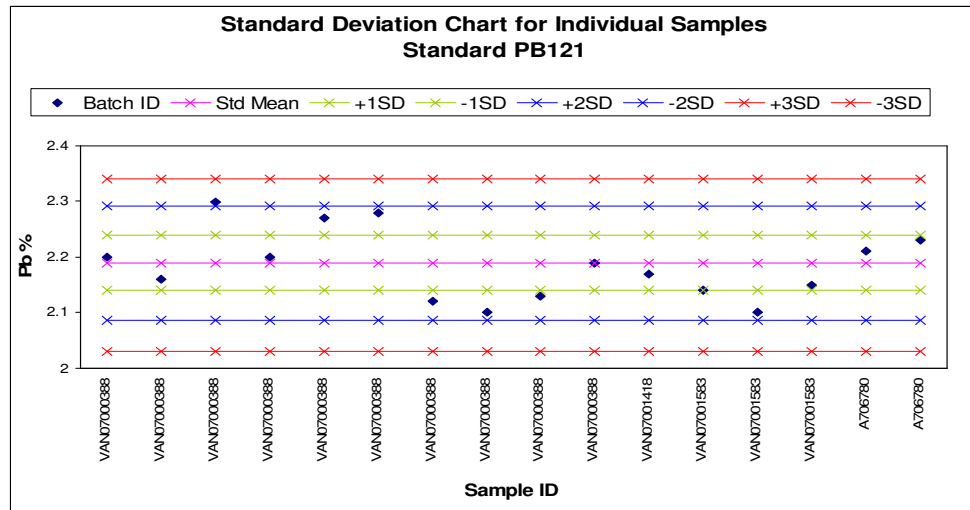


2007 QC Drilling

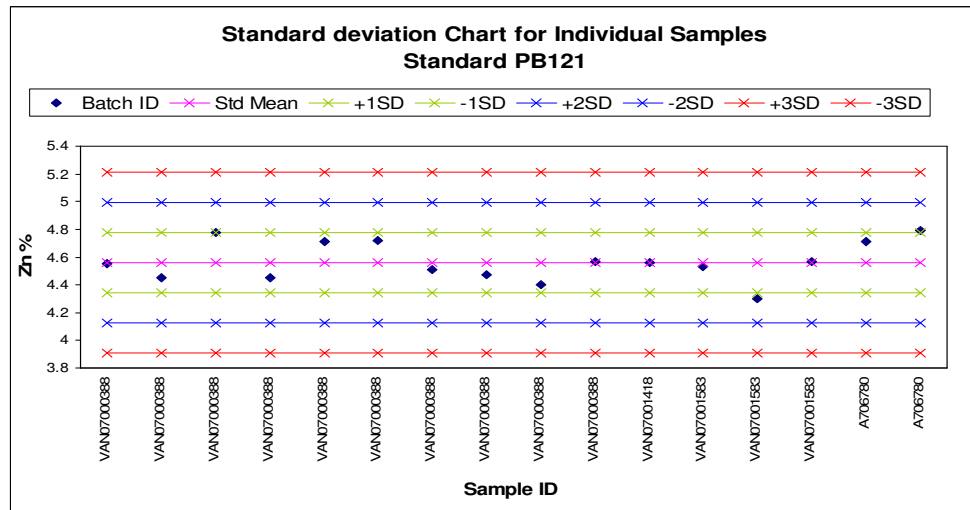
PB121 Silver:
batch VAN07000388
shows oscillating &
steadily increasing
values over time



PB121 Lead:
50% of the
individual values
are greater than
1SD from the mean



PB121 Zinc:
Shows nice variation
& individual samples
generally all plot
within ± 1 SD of the
mean.



Shewhart Control Charts

2007 QC Drilling

Two charts are used to measure process control and accuracy/precision: R Chart and X-Bar (\bar{X}) chart. The R chart measures process variation by looking at the ranges of consecutive analyses (in this case n=2) and comparing them to statistically derived control limits. The center line represents the average range (R_{BAR}), the blue dots represent the range value (R), and the upper control limit is derived via the formula:

$$UCL = D(4)R_{BAR}$$

And as n=2, D(3)=0 there is no LCL for the R chart

The \bar{X} chart measures precision and accuracy of the process. The red "std value" line is the recommended value of the standard (recommended by the manufacturer); the blue points are the means of consecutive assays (again n=2); the pink center line is the average value of the means of consecutive pairs which = \bar{X} ; and the upper and lower control limits are derived from standard formulas:

$$UCL = \bar{\bar{x}} + A(2)R_{BAR}$$

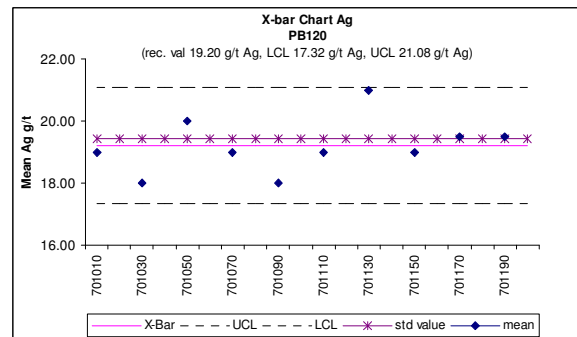
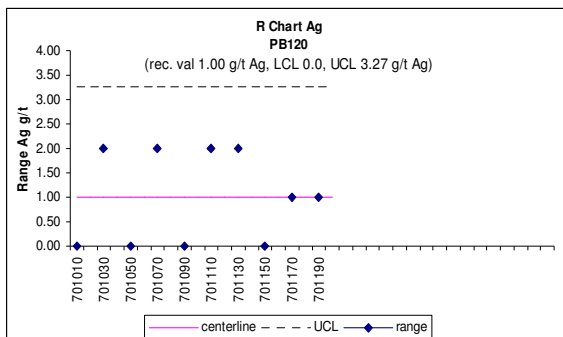
$$LCL = \bar{\bar{x}} - A(2)R_{BAR}$$

Constants for \bar{X} and R-Chart

Factors for Calculating Limits for X-Bar and R Charts

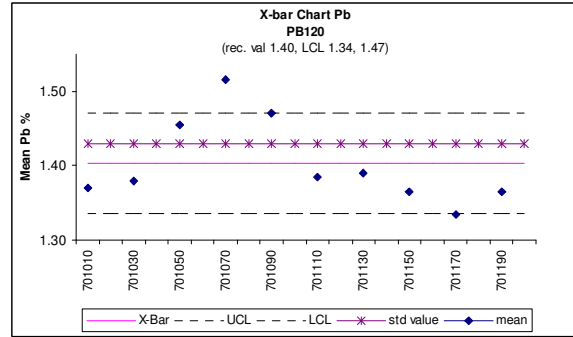
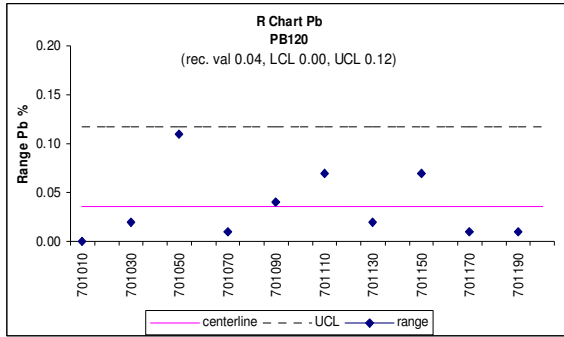
| n | A ₂ | D ₃ | D ₄ |
|----|----------------|----------------|----------------|
| 2 | 1.88 | 0 | 3.267 |
| 3 | 1.023 | 0 | 2.575 |
| 4 | 0.729 | 0 | 2.282 |
| 5 | 0.577 | 0 | 2.115 |
| 6 | 0.483 | 0 | 2.004 |
| 7 | 0.419 | 0.076 | 1.924 |
| 8 | 0.373 | 0.136 | 1.864 |
| 9 | 0.337 | 0.184 | 1.816 |
| 10 | 0.308 | 0.223 | 1.777 |

Silver
PB120

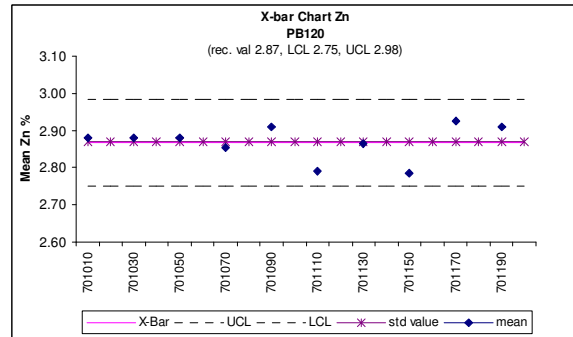
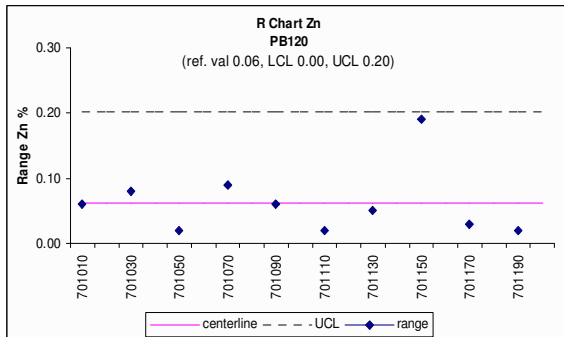


2007 QC Drilling

Lead PB120



Zinc PB120

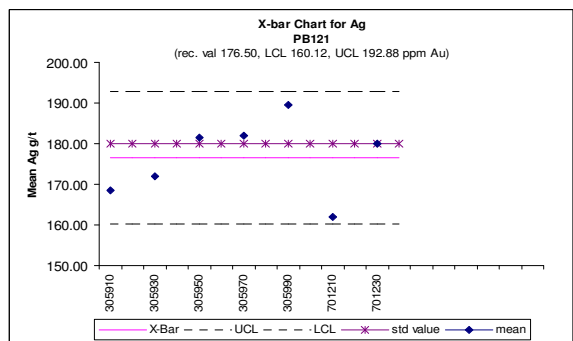
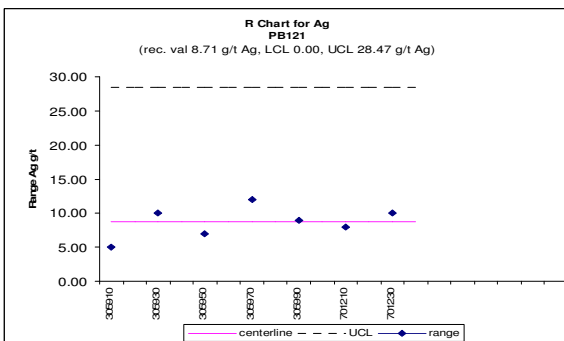


The R-Chart shows variation in the analytical process is “in control” for PB120 values as points are evenly spread around the centre line and below the Upper Control Limit. The recorded range of 0.41 for lead is greater than the PB120 standard deviation of 0.28 due to the one sample pair (701050/701060). The process is still deemed in control as this sample pair covers two separate analytical batches.

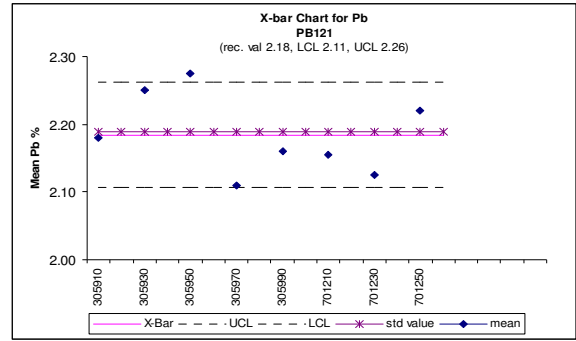
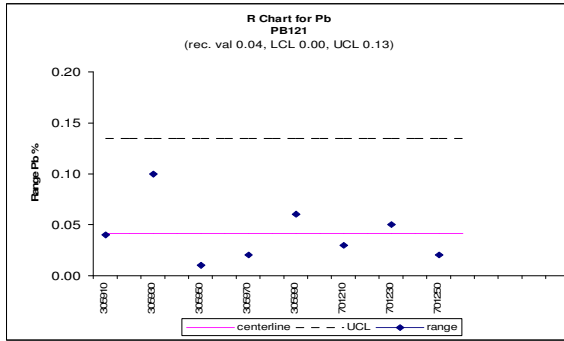
The X-Bar charts for PB120 show a problem with accuracy for lead analyses, and precision problems for lead and silver analyses. The X-Bar value of 19.2 g/t Ag and 2.87% Zn correlates well with the reported standard values of 19g/t Ag and 2.87% Zn, however the X-bar value of 1.4% Pb is more than 1SD less than the reported value of 1.43% Pb. Points on the Lead PB120 X-bar chart for sample pairs 701070/701080, 701090/701100 & 701170/701180 plot at or above the Control Limits showing the analytical process is out of control for lead analyses.

The precision for the analytical process might be an issue as four out of five continuous points for Ag and five continuous points for Pb plot below the centre line indicating a period of low-bias.

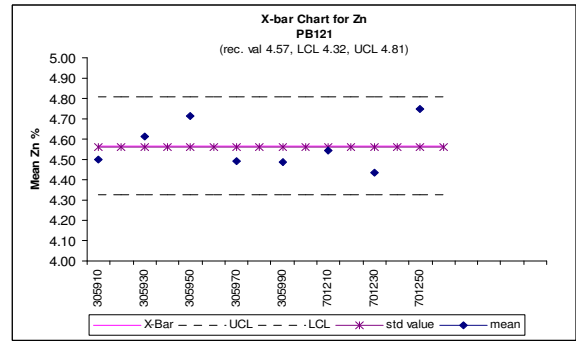
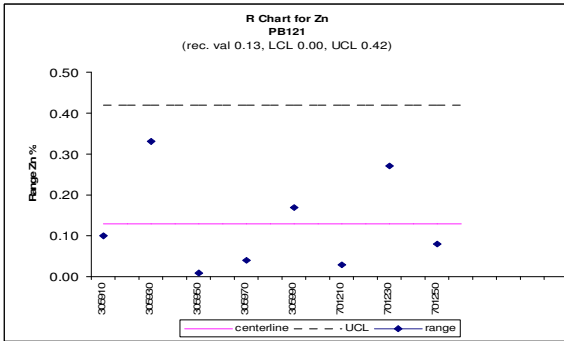
Silver PB121



Lead
PB121



Zinc
PB121



The R-Chart shows variation in the analytical process is “in control” for PB121 values as points are evenly spread around the centre line and below the Upper Control Limit.

The X-Bar charts for PB121 shows the analytical process is in control and analyses can be deemed to be accurate within batches submitted with these standards. The X-bar values of 176.5 g/tAg, 2.18% Pb & 4.57% Zn closely correlate to the reported values for PB121 of 179 g/t Ag, 2.19% Pb & 4.56% Zn, and except for one point in the lead chart, all plot below the Control Limits. This sample pair 305950/305960 again indicate the difficulties the laboratory has with Pb analyses.

The precision for the analytical process might be an issue as four out of five continuous points for Pb and four out of five continuous points for Zn plot below the centre line indicating a period of low-bias.

2007 QC Drilling

Method ACME 7AR

| Hole_ID | Sample_ID | Standard ID | Lab | Certificate | Ag g/t | Pb% | Zn% | Comment |
|-----------|---------------|-------------|------|-------------|----------|-------|-------|-------------------------|
| CMCSH0701 | 305905 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0701 | 305915 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0701 | 305925 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0702 | 305935 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0703 | 305945 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0703 | 305955 | BLANK | ACME | VAN07000388 | 7 | 0.04 | 0.08 | follows hi grade |
| CMCSH0703 | 305965 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0703 | 305975 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0704 | 305985 | BLANK | ACME | VAN07000388 | <2 | <0.01 | <0.01 | |
| CMCSH0704 | 305995 | BLANK | ACME | VAN07000388 | 3 | <0.01 | 0.08 | follows hi grade |
| CMCSH0705 | 701005 | BLANK | ACME | VAN07000359 | <2 | 0.02 | 0.02 | follows hi grade |
| CMCSH0705 | 701015 | BLANK | ACME | VAN07000359 | <2 | <0.01 | <0.01 | |
| CMCSH0705 | 701025 | BLANK | ACME | VAN07000359 | <2 | <0.01 | <0.01 | |
| CMCSH0706 | 701035 | BLANK | ACME | VAN07000359 | <2 | <0.01 | <0.01 | |
| CMCSH0706 | 701045 | BLANK | ACME | VAN07000359 | <2 | <0.01 | <0.01 | |
| CMCSH0706 | 701055 | BLANK | ACME | VAN07001088 | <2 | <0.01 | <0.01 | |
| CMCSH0707 | 701065 | BLANK | ACME | VAN07001088 | <2 | <0.01 | <0.01 | |
| CMCSH0707 | 701075 | BLANK | ACME | VAN07001088 | <2 | <0.01 | <0.01 | |
| CMCSH0707 | 701085 | BLANK | ACME | VAN07001088 | <2 | <0.01 | <0.01 | |
| CMCSH0707 | 701095 | BLANK | ACME | VAN07001088 | <2 | <0.01 | <0.01 | |
| CMCSH0708 | 701105 | BLANK | ACME | VAN07001417 | <2 | <0.01 | <0.01 | |
| CMCSH0708 | 701115 | BLANK | ACME | VAN07001417 | <2 | <0.01 | <0.01 | |
| CMCSH0708 | 701125 | BLANK | ACME | VAN07001417 | <2 | <0.01 | <0.01 | |
| CMCSH0708 | 701135 | BLANK | ACME | VAN07001417 | <2 | <0.01 | 0.01 | |
| CMCSH0708 | 701145 | BLANK | ACME | VAN07001417 | <2 | <0.01 | 0.02 | |
| CMCSH0709 | 701155 | BLANK | ACME | VAN07001418 | <2 | <0.01 | <0.01 | |
| CMCSH0709 | 701165 | BLANK | ACME | VAN07001418 | <2 | <0.01 | 0.02 | |
| CMCSH0709 | 701175 | BLANK | ACME | VAN07001418 | <2 | <0.01 | <0.01 | |
| CMCSH0709 | 701185 | BLANK | ACME | VAN07001418 | <2 | <0.01 | <0.01 | |
| CMCSH0709 | 701195 | BLANK | ACME | VAN07001418 | <2 | <0.01 | <0.01 | |
| CMCSH0710 | 701205 | BLANK | ACME | VAN07001418 | <2 | <0.01 | <0.01 | |
| CMCSH0711 | 701215 | BLANK | ACME | VAN07001583 | <2 | <0.01 | <0.01 | |
| CMCSH0711 | 701225 | BLANK | ACME | VAN07001583 | <2 | <0.01 | <0.01 | |
| CMCSH0711 | 701235 | BLANK | ACME | VAN07001583 | <2 | <0.01 | <0.01 | |
| CMCSH0711 | 701245 | BLANK | ACME | VAN07001583 | <2 | <0.01 | <0.01 | |
| ROCK | 701255 | BLANK | ACME | A706780 | | 0.02 | 0.04 | follows Pb & Zn anomaly |

Appendix VIII

2007 Acme Analytical Laboratories Certificates



ACME ANALYTICAL LABORATORIES LTD.
852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

August 23, 2007

Report Date:

November 08, 2007

Page:

1 of 5

CERTIFICATE OF ANALYSIS

VAN07000388.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

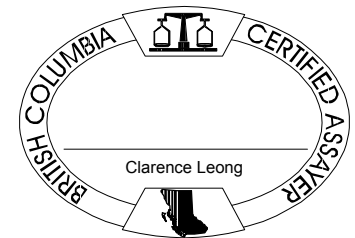
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 90 | Crush split and pulverize drill core to 150mesh | | |
| G6 | 38 | Fire assay fusion Ag Au ICP-ES | 29.2 | Completed |
| 7AR | 100 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |
| 7AR | 2 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.1 | Completed |
| 7TD | 46 | 4 Acid digestion ICP-ES analysis | 0.5 | Completed |
| 7TD.1 | 2 | 4 Acid digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



ACME ANALYTICAL LABORATORIES LTD.
 852 E. Hastings St. Vancouver BC V6A 1R6 Canada
 Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **CMC Metals Ltd.**
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
 Report Date: November 08, 2007

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | WGHT | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|------|------|-------|--------|--------|-------|-------|-------|--------|--------|------|------|-------|--------|--------|--------|-------|-------|--------|--------|
| Analyte | Wgt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | |
| Unit | kg | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | |
| 305901 | Drill Core | 1.6 | N.A. | N.A. | 0.002 | 0.003 | 0.03 | 0.14 | 7 | <0.001 | <0.001 | 0.46 | 2.27 | 0.03 | 0.001 | <0.001 | 0.003 | <0.01 | 0.13 | 0.046 | <0.001 |
| 305902 | Drill Core | 2.3 | N.A. | N.A. | 0.003 | <0.001 | 0.03 | 0.14 | <2 | <0.001 | <0.001 | 0.47 | 1.64 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.18 | 0.052 | <0.001 |
| 305903 | Drill Core | 1.8 | N.A. | N.A. | 0.003 | 0.001 | 0.05 | 0.15 | 4 | <0.001 | <0.001 | 0.45 | 1.54 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.14 | 0.047 | <0.001 |
| 305904 | Drill Core | 2.7 | N.A. | N.A. | 0.001 | 0.002 | 0.04 | 0.12 | 5 | <0.001 | <0.001 | 0.33 | 1.31 | <0.01 | <0.001 | <0.001 | 0.004 | <0.01 | 0.13 | 0.049 | <0.001 |
| 305905 | Drill Core | 1.3 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.17 | <0.001 | <0.001 |
| 305906 | Drill Core | 1.8 | N.A. | N.A. | 0.003 | 0.009 | 0.02 | 1.09 | 10 | <0.001 | <0.001 | 0.18 | 0.83 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.046 | <0.001 |
| 305907 | Drill Core | 1.6 | N.A. | N.A. | 0.003 | 0.009 | 0.08 | 0.21 | 31 | <0.001 | <0.001 | 0.79 | 2.43 | <0.01 | <0.001 | <0.001 | 0.004 | <0.01 | 0.18 | 0.047 | <0.001 |
| 305908 | Drill Core | 1.7 | | 0.37 | <0.001 | 0.459 | 2.75 | 28.28 | 2069 | <0.001 | <0.001 | 0.67 | 3.56 | 0.34 | <0.001 | 0.069 | 0.105 | <0.01 | 0.02 | 0.005 | <0.001 |
| 305909 | Drill Core | 1.6 | N.A. | N.A. | <0.001 | 0.002 | 0.04 | 0.19 | 8 | <0.001 | <0.001 | 0.08 | 0.93 | <0.01 | <0.001 | <0.001 | 0.002 | <0.01 | 0.04 | 0.017 | <0.001 |
| 305910 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.502 | 2.20 | 4.55 | 171 | <0.001 | <0.001 | 0.34 | 3.86 | <0.01 | 0.005 | 0.027 | 0.007 | <0.01 | 3.05 | 0.017 | 0.001 |
| 305911 | Drill Core | 2.2 | N.A. | N.A. | <0.001 | 0.003 | 0.03 | 0.27 | 6 | <0.001 | <0.001 | 0.30 | 1.16 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.05 | 0.011 | <0.001 |
| 305912 | Drill Core | 2 | N.A. | N.A. | <0.001 | <0.001 | 0.04 | 0.52 | <2 | <0.001 | <0.001 | 0.32 | 1.00 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.10 | 0.026 | <0.001 |
| 305913 | Drill Core | 2.2 | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.29 | <2 | <0.001 | <0.001 | 0.08 | 0.52 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.14 | 0.015 | <0.001 |
| 305914 | Drill Core | 2.4 | N.A. | N.A. | 0.001 | <0.001 | 0.03 | 0.32 | <2 | <0.001 | <0.001 | 0.53 | 1.37 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.13 | 0.022 | <0.001 |
| 305915 | Drill Core | 1.2 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.11 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.21 | <0.001 | <0.001 |
| 305916 | Drill Core | 2.4 | N.A. | N.A. | <0.001 | 0.005 | 0.04 | 0.33 | 14 | <0.001 | <0.001 | 0.21 | 1.31 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 0.59 | 0.095 | <0.001 |
| 305917 | Drill Core | 2.4 | N.A. | N.A. | 0.013 | 0.004 | 0.06 | 0.17 | 12 | <0.001 | <0.001 | 0.08 | 1.19 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 0.81 | 0.054 | <0.001 |
| 305918 | Drill Core | 2.3 | N.A. | N.A. | <0.001 | 0.007 | 0.01 | 0.27 | 24 | <0.001 | <0.001 | 0.13 | 1.29 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 1.35 | 0.052 | <0.001 |
| 305919 | Drill Core | 2.7 | N.A. | N.A. | <0.001 | 0.006 | 0.09 | 0.39 | 22 | <0.001 | <0.001 | 0.51 | 1.89 | <0.01 | 0.001 | <0.001 | 0.001 | <0.01 | 0.42 | 0.055 | <0.001 |
| 305920 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.490 | 2.16 | 4.45 | 166 | <0.001 | <0.001 | 0.34 | 3.76 | <0.01 | 0.005 | 0.027 | 0.006 | <0.01 | 2.98 | 0.016 | 0.002 |
| 305921 | Drill Core | 2.5 | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.27 | <2 | <0.001 | <0.001 | 0.16 | 0.89 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.64 | 0.036 | <0.001 |
| 305922 | Drill Core | 0.9 | | 0.01 | <0.001 | 0.009 | <0.01 | 2.79 | 15 | <0.001 | <0.001 | 1.13 | 3.71 | <0.01 | <0.001 | 0.005 | 0.002 | <0.01 | 0.10 | 0.024 | <0.001 |
| 305923 | Drill Core | 2.8 | | <0.01 | <0.001 | 0.002 | 0.03 | 0.09 | 3 | <0.001 | <0.001 | 0.24 | 1.03 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.33 | 0.031 | <0.001 |
| 305924 | Drill Core | 2.4 | | <0.01 | <0.001 | 0.004 | 0.02 | 0.09 | 6 | <0.001 | <0.001 | 0.17 | 0.84 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.22 | 0.029 | <0.001 |
| 305925 | Drill Core | 1.5 | | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.09 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.23 | <0.001 | <0.001 |
| 305926 | Drill Core | 1.8 | | <0.01 | <0.001 | 0.005 | 0.04 | 0.25 | 9 | <0.001 | <0.001 | 0.61 | 1.97 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.041 | <0.001 |
| 305927 | Drill Core | 0.7 | | 0.02 | <0.001 | 0.014 | 0.11 | 2.72 | 27 | <0.001 | <0.001 | 1.19 | 3.52 | <0.01 | <0.001 | 0.006 | 0.001 | <0.01 | 0.14 | 0.025 | <0.001 |
| 305928 | Drill Core | 2.1 | | <0.01 | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.10 | 0.89 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.45 | 0.026 | <0.001 |
| 305929 | Drill Core | 1.3 | | <0.01 | 0.024 | 0.002 | <0.01 | 0.01 | <2 | <0.001 | <0.001 | 0.05 | 0.88 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.87 | 0.046 | <0.001 |
| 305930 | Drill Core | 0.1 | | 8.24 | <0.001 | 0.506 | 2.30 | 4.78 | 177 | <0.001 | <0.001 | 0.34 | 3.81 | <0.01 | 0.005 | 0.028 | 0.005 | <0.01 | 3.06 | 0.015 | 0.001 |



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Project: Silverhart
 Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|-------|------|-------|-------|--------|--------|--------|-------|------|-------|-------|--------|--------|------|------|-------|--------|-------|-------|-------|
| Analyte | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | |
| Unit | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | |
| MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | |
| 305901 | Drill Core | 0.04 | 0.49 | <0.01 | 0.43 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305902 | Drill Core | 0.07 | 0.37 | <0.01 | 0.39 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305903 | Drill Core | 0.06 | 0.36 | <0.01 | 0.38 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305904 | Drill Core | 0.04 | 0.36 | <0.01 | 0.38 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305905 | Drill Core | 12.60 | 0.03 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305906 | Drill Core | 0.05 | 0.34 | <0.01 | 0.33 | 0.003 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305907 | Drill Core | 0.09 | 0.42 | <0.01 | 0.38 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305908 | Drill Core | 0.02 | 0.13 | <0.01 | 0.11 | 0.042 | <0.001 | <0.001 | 0.397 | 2.54 | 24.64 | 1971 | <0.001 | <0.001 | 0.60 | 3.26 | 0.40 | <0.001 | 0.059 | 0.111 | <0.01 |
| 305909 | Drill Core | 0.01 | 0.24 | <0.01 | 0.23 | 0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305910 | Drill Core | 0.34 | 0.53 | 0.05 | 0.38 | 0.010 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305911 | Drill Core | 0.04 | 0.22 | <0.01 | 0.23 | 0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305912 | Drill Core | 0.05 | 0.38 | <0.01 | 0.40 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305913 | Drill Core | 0.04 | 0.29 | <0.01 | 0.32 | 0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305914 | Drill Core | 0.06 | 0.33 | <0.01 | 0.34 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305915 | Drill Core | 12.61 | 0.03 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305916 | Drill Core | 0.12 | 0.41 | <0.01 | 0.37 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305917 | Drill Core | 0.15 | 0.35 | <0.01 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305918 | Drill Core | 0.25 | 0.36 | <0.01 | 0.34 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305919 | Drill Core | 0.11 | 0.36 | <0.01 | 0.36 | 0.003 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305920 | Drill Core | 0.33 | 0.53 | 0.05 | 0.38 | 0.014 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305921 | Drill Core | 0.12 | 0.33 | <0.01 | 0.33 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305922 | Drill Core | 0.05 | 0.32 | <0.01 | 0.36 | 0.011 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305923 | Drill Core | 0.08 | 0.45 | <0.01 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305924 | Drill Core | 0.05 | 0.36 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305925 | Drill Core | 12.44 | 0.03 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305926 | Drill Core | 0.07 | 0.34 | <0.01 | 0.35 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305927 | Drill Core | 0.09 | 0.33 | <0.01 | 0.31 | 0.013 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305928 | Drill Core | 0.10 | 0.40 | <0.01 | 0.31 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305929 | Drill Core | 0.11 | 0.47 | <0.01 | 0.19 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305930 | Drill Core | 0.35 | 0.54 | 0.04 | 0.39 | 0.013 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | |
|---------|------------|-------|--------|--------|------|-------|-------|-------|--------|--------|--------|-------|------|-------|--------|--------|--------|------|-------|-------|-------|
| Analyte | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | |
| MDL | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305902 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305903 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305904 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305905 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305906 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305907 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 0.003 | 0.008 | 0.08 | 0.24 | 35 | <0.001 | <0.001 | 0.74 | 2.47 | <0.02 | <0.01 | |
| 305908 | Drill Core | 0.03 | <0.001 | <0.001 | 0.02 | 0.19 | 0.005 | 0.176 | <0.001 | <0.001 | <0.001 | 0.430 | 2.48 | 27.61 | 2200 | <0.001 | <0.001 | 0.60 | 3.43 | 0.16 | <0.01 |
| 305909 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.001 | 0.04 | 0.17 | 5 | <0.001 | <0.001 | 0.08 | 1.10 | <0.02 | <0.01 | |
| 305910 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305911 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305912 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305913 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305914 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305915 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305916 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305917 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305918 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305919 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305920 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305921 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305922 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305923 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305924 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305925 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305926 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305927 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305928 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305929 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305930 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: **CMC Metals Ltd.**
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
 Report Date: November 08, 2007

Page: 2 of 5 Part 4

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|---------|------------|--------|-------|-------|------|-------|--------|------|------|------|------|-------|--------|-------|-------|-------|-------|-------|--------|-------|------|
| Analyte | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | |
| MDL | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305902 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305903 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305904 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305905 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305906 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305907 | Drill Core | <0.001 | <0.01 | <0.01 | 0.18 | 0.05 | <0.001 | 0.21 | 6.68 | 0.04 | 3.41 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305908 | Drill Core | 0.062 | 0.12 | <0.01 | 0.02 | <0.01 | <0.001 | 0.06 | 2.04 | 0.01 | 1.00 | <0.01 | <0.001 | 0.445 | 2.67 | 26.80 | 2054 | 0.002 | <0.001 | 0.64 | 3.67 |
| 305909 | Drill Core | <0.001 | <0.01 | <0.01 | 0.04 | 0.02 | 0.001 | 0.11 | 3.90 | 0.01 | 1.92 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305910 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305911 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305912 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305913 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305914 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305915 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305916 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305917 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305918 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305919 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305920 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305921 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305922 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305923 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305924 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305925 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305926 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305927 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305928 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305929 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305930 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

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 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 5 **Part** 5

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method Analyte Unit MDL | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|----------------------------------|------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|--------|--------|-------|
| | As % | Sr % | Cd % | Sb % | Bi % | Ca % | P % | Cr % | Mg % | Al % | Na % | K % | W % | |
| | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305902 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305903 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305904 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305905 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305906 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305907 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305908 | Drill Core | 0.30 | <0.01 | 0.063 | 0.12 | <0.01 | 0.01 | <0.01 | 0.001 | 0.06 | 1.95 | 0.01 | 1.19 | <0.01 |
| 305909 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305910 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305911 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305912 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305913 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305914 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305915 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305916 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305917 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305918 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305919 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305920 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305921 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305922 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305923 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305924 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305925 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305926 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305927 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305928 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305929 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305930 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

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 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 5 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | WGHT | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------|------------|------|-------|--------|--------|--------|-------|-------|--------|--------|--------|------|-------|--------|--------|--------|--------|-------|-------|--------|--------|
| Analyte | Wgt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | |
| Unit | kg | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | |
| 305931 | Drill Core | 2.3 | 0.01 | <0.001 | <0.001 | 0.02 | 0.20 | <2 | <0.001 | <0.001 | 0.87 | 3.03 | 0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.13 | 0.050 | <0.001 | |
| 305932 | Drill Core | 2.4 | 0.01 | <0.001 | <0.001 | 0.04 | 0.25 | <2 | <0.001 | <0.001 | 1.06 | 3.03 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.22 | 0.063 | <0.001 | |
| 305933 | Drill Core | 2.4 | 0.01 | <0.001 | <0.001 | 0.03 | 0.17 | <2 | <0.001 | <0.001 | 0.69 | 2.46 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.45 | 0.062 | <0.001 | |
| 305934 | Drill Core | 2.3 | 0.06 | <0.001 | <0.001 | 0.02 | 0.09 | <2 | <0.001 | <0.001 | 0.71 | 2.58 | 0.04 | 0.001 | <0.001 | <0.001 | <0.01 | 0.12 | 0.043 | <0.001 | |
| 305935 | Drill Core | 1.7 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.09 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 22.61 | 0.001 | <0.001 | |
| 305936 | Drill Core | 1.3 | 0.02 | 0.001 | <0.001 | 0.03 | 0.14 | <2 | <0.001 | <0.001 | 0.86 | 4.06 | 0.02 | 0.001 | <0.001 | <0.001 | <0.01 | 0.21 | 0.050 | <0.001 | |
| 305937 | Drill Core | 2.8 | <0.01 | <0.001 | 0.007 | 0.02 | 0.15 | 2 | <0.001 | <0.001 | 0.13 | 1.16 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.20 | 0.053 | <0.001 | |
| 305938 | Drill Core | 2.2 | N.A. | N.A. | <0.001 | 0.007 | 0.01 | 0.15 | 3 | <0.001 | <0.001 | 0.13 | 1.22 | <0.01 | 0.001 | <0.001 | <0.01 | 0.23 | 0.053 | <0.001 | |
| 305939 | Drill Core | 2.6 | N.A. | N.A. | <0.001 | 0.002 | 0.02 | 0.15 | 5 | <0.001 | <0.001 | 0.35 | 1.32 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 0.96 | 0.051 | <0.001 |
| 305940 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.507 | 2.20 | 4.45 | 167 | <0.001 | <0.001 | 0.33 | 3.64 | <0.01 | 0.005 | 0.026 | 0.004 | <0.01 | 3.02 | 0.016 | 0.001 |
| 305941 | Drill Core | 2.4 | N.A. | N.A. | <0.001 | 0.002 | 0.02 | 0.10 | <2 | <0.001 | <0.001 | 0.11 | 1.11 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 0.51 | 0.060 | <0.001 |
| 305942 | Drill Core | 2.2 | N.A. | N.A. | <0.001 | 0.003 | 0.03 | 0.17 | 3 | <0.001 | <0.001 | 0.20 | 1.09 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.17 | 0.059 | <0.001 |
| 305943 | Drill Core | 2.4 | N.A. | N.A. | <0.001 | 0.003 | 0.02 | 0.24 | 17 | <0.001 | <0.001 | 0.91 | 3.07 | <0.01 | <0.001 | <0.001 | 0.002 | <0.01 | 0.16 | 0.056 | <0.001 |
| 305944 | Drill Core | 2.3 | N.A. | N.A. | <0.001 | 0.007 | <0.01 | 0.05 | 47 | <0.001 | <0.001 | 0.78 | 2.78 | <0.01 | <0.001 | <0.001 | 0.004 | <0.01 | 0.13 | 0.052 | <0.001 |
| 305945 | Drill Core | 1 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.11 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 21.79 | <0.001 | <0.001 |
| 305946 | Drill Core | 1.3 | N.A. | N.A. | <0.001 | 0.007 | 0.06 | 1.15 | 23 | <0.001 | <0.001 | 0.63 | 2.31 | <0.01 | <0.001 | 0.003 | 0.001 | <0.01 | 0.15 | 0.044 | <0.001 |
| 305947 | Drill Core | 1.9 | N.A. | N.A. | <0.001 | <0.001 | 0.01 | 0.20 | <2 | <0.001 | <0.001 | 0.76 | 2.55 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 1.24 | 0.051 | <0.001 |
| 305948 | Drill Core | 1.5 | N.A. | N.A. | <0.001 | 0.028 | 0.47 | 2.75 | 170 | <0.001 | <0.001 | 0.91 | 2.90 | 0.23 | <0.001 | 0.007 | 0.012 | <0.01 | 0.14 | 0.044 | <0.001 |
| 305949 | Drill Core | 1.6 | N.A. | N.A. | <0.001 | 0.002 | 0.08 | 1.54 | 4 | <0.001 | <0.001 | 0.78 | 2.40 | 0.02 | <0.001 | 0.004 | <0.001 | <0.01 | 0.15 | 0.052 | <0.001 |
| 305950 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.511 | 2.27 | 4.71 | 185 | <0.001 | <0.001 | 0.35 | 3.81 | <0.01 | 0.005 | 0.027 | 0.005 | <0.01 | 3.10 | 0.019 | 0.001 |
| 305951 | Drill Core | 1.4 | N.A. | N.A. | <0.001 | 0.003 | 0.02 | 1.22 | 4 | <0.001 | <0.001 | 0.56 | 2.16 | <0.01 | <0.001 | 0.004 | <0.001 | <0.01 | 0.10 | 0.040 | <0.001 |
| 305952 | Drill Core | 1.2 | N.A. | N.A. | <0.001 | 0.048 | 0.04 | 5.16 | 178 | <0.001 | <0.001 | 0.69 | 2.45 | 0.02 | <0.001 | 0.011 | 0.016 | <0.01 | 0.04 | 0.015 | <0.001 |
| 305953 | Drill Core | 1.3 | N.A. | N.A. | <0.001 | 0.002 | 0.02 | 0.73 | <2 | <0.001 | <0.001 | 0.69 | 2.49 | <0.01 | <0.001 | 0.002 | <0.001 | <0.01 | 0.08 | 0.034 | <0.001 |
| 305954 | Drill Core | 2 | 0.25 | <0.001 | 0.392 | 5.37 | 27.79 | 2011 | <0.001 | <0.001 | 0.30 | 2.25 | 0.08 | <0.001 | 0.068 | 0.265 | <0.01 | 0.01 | 0.006 | <0.001 | |
| 305955 | Drill Core | 1 | N.A. | N.A. | <0.001 | 0.001 | 0.04 | 0.08 | 7 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 22.21 | 0.001 | <0.001 |
| 305956 | Drill Core | 0.9 | N.A. | N.A. | <0.001 | 0.003 | 0.11 | 0.35 | 13 | <0.001 | <0.001 | 0.77 | 3.36 | 0.02 | <0.001 | 0.001 | 0.006 | <0.01 | 0.16 | 0.053 | <0.001 |
| 305957 | Drill Core | 2.6 | N.A. | N.A. | <0.001 | 0.002 | 0.01 | 0.44 | 5 | <0.001 | <0.001 | 0.57 | 1.82 | <0.01 | <0.001 | <0.001 | 0.002 | <0.01 | 0.74 | 0.054 | <0.001 |
| 305958 | Drill Core | 2.6 | N.A. | N.A. | <0.001 | 0.001 | 0.01 | 0.50 | 3 | <0.001 | <0.001 | 0.45 | 1.64 | <0.01 | <0.001 | 0.001 | <0.001 | <0.01 | 0.14 | 0.059 | <0.001 |
| 305959 | Drill Core | 2.6 | N.A. | N.A. | 0.002 | <0.001 | 0.05 | 0.23 | <2 | <0.001 | <0.001 | 0.69 | 2.12 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.058 | <0.001 |
| 305960 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.524 | 2.28 | 4.72 | 178 | <0.001 | <0.001 | 0.35 | 3.89 | <0.01 | 0.005 | 0.027 | 0.005 | <0.01 | 3.15 | 0.018 | 0.001 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 5 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|-------|------|-------|-------|--------|--------|--------|-------|-------|-------|-------|--------|--------|------|------|-------|--------|-------|-------|-------|
| Analyte | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | |
| Unit | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | |
| MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | |
| 305931 | Drill Core | 0.07 | 0.42 | <0.01 | 0.40 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305932 | Drill Core | 0.10 | 0.43 | <0.01 | 0.43 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305933 | Drill Core | 0.10 | 0.41 | <0.01 | 0.42 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305934 | Drill Core | 0.06 | 0.36 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305935 | Drill Core | 12.33 | 0.02 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305936 | Drill Core | 0.11 | 0.37 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305937 | Drill Core | 0.06 | 0.47 | <0.01 | 0.29 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305938 | Drill Core | 0.07 | 0.51 | 0.01 | 0.30 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305939 | Drill Core | 0.09 | 0.34 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305940 | Drill Core | 0.33 | 0.47 | 0.03 | 0.35 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305941 | Drill Core | 0.06 | 0.34 | <0.01 | 0.34 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305942 | Drill Core | 0.02 | 0.32 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305943 | Drill Core | 0.08 | 0.31 | <0.01 | 0.31 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305944 | Drill Core | 0.05 | 0.28 | <0.01 | 0.30 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305945 | Drill Core | 12.95 | 0.05 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305946 | Drill Core | 0.08 | 0.27 | <0.01 | 0.30 | 0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305947 | Drill Core | 0.72 | 0.30 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305948 | Drill Core | 0.05 | 0.29 | <0.01 | 0.30 | 0.003 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305949 | Drill Core | 0.06 | 0.33 | <0.01 | 0.35 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305950 | Drill Core | 0.36 | 0.50 | 0.03 | 0.37 | 0.003 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305951 | Drill Core | 0.03 | 0.30 | <0.01 | 0.31 | 0.002 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305952 | Drill Core | 0.03 | 0.21 | <0.01 | 0.25 | 0.005 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305953 | Drill Core | 0.04 | 0.26 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305954 | Drill Core | 0.01 | 0.09 | <0.01 | 0.09 | 0.063 | <0.001 | <0.001 | 0.341 | 18.37 | 24.50 | 2817 | <0.001 | <0.001 | 0.27 | 2.04 | 0.07 | <0.001 | 0.057 | 0.259 | <0.01 |
| 305955 | Drill Core | 13.18 | 0.06 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305956 | Drill Core | 0.09 | 0.28 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305957 | Drill Core | 0.41 | 0.30 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305958 | Drill Core | 0.03 | 0.32 | <0.01 | 0.38 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305959 | Drill Core | 0.05 | 0.36 | <0.01 | 0.37 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305960 | Drill Core | 0.36 | 0.50 | 0.03 | 0.37 | 0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method Analyte Unit MDL | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | |
|----------------------------------|------------|-------|--------|-------|-------|-------|--------|-------|--------|--------|--------|--------|-------|-------|-------|--------|--------|------|------|-------|-------|
| | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | |
| | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 | |
| 305931 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305932 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305933 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305934 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305935 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305937 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305938 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.007 | <0.02 | 0.14 | <2 | <0.001 | <0.001 | 0.13 | 1.48 | <0.02 | <0.01 |
| 305939 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.16 | 3 | <0.001 | <0.001 | 0.35 | 1.59 | <0.02 | <0.01 |
| 305940 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305941 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.12 | <2 | <0.001 | <0.001 | 0.11 | 1.33 | <0.02 | <0.01 |
| 305942 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | 0.03 | 0.17 | 4 | <0.001 | <0.001 | 0.21 | 1.34 | <0.02 | <0.01 |
| 305943 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | <0.02 | 0.24 | 16 | <0.001 | <0.001 | 0.91 | 3.43 | <0.02 | <0.01 |
| 305944 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.008 | <0.02 | 0.05 | 46 | <0.001 | <0.001 | 0.77 | 3.07 | <0.02 | <0.01 |
| 305945 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305946 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.007 | 0.05 | 1.14 | 20 | <0.001 | <0.001 | 0.61 | 2.52 | <0.02 | <0.01 |
| 305947 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.20 | <2 | <0.001 | <0.001 | 0.74 | 2.76 | <0.02 | <0.01 |
| 305948 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.027 | 0.44 | 2.97 | 171 | <0.001 | <0.001 | 0.86 | 3.06 | 0.23 | <0.01 |
| 305949 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | 0.07 | 1.53 | <2 | <0.001 | <0.001 | 0.75 | 2.56 | <0.02 | <0.01 |
| 305950 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305951 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | <0.02 | 1.19 | 3 | <0.001 | <0.001 | 0.52 | 2.29 | <0.02 | <0.01 |
| 305952 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.045 | 0.02 | 5.05 | 182 | <0.001 | <0.001 | 0.65 | 2.56 | 0.02 | <0.01 |
| 305953 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.72 | <2 | <0.001 | <0.001 | 0.66 | 2.69 | <0.02 | <0.01 |
| 305954 | Drill Core | <0.01 | <0.001 | 0.003 | <0.01 | 0.14 | <0.001 | 0.132 | <0.001 | <0.001 | <0.001 | 0.374 | 8.46 | 27.95 | 3181 | <0.001 | <0.001 | 0.28 | 2.21 | 0.08 | <0.01 |
| 305955 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305956 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | 0.05 | 0.31 | <2 | <0.001 | <0.001 | 0.73 | 3.61 | 0.02 | <0.01 |
| 305957 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.45 | <2 | <0.001 | <0.001 | 0.54 | 2.07 | <0.02 | <0.01 |
| 305958 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.50 | 2 | <0.001 | <0.001 | 0.43 | 1.96 | <0.02 | <0.01 |
| 305959 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 0.002 | <0.001 | 0.04 | 0.23 | <2 | <0.001 | <0.001 | 0.67 | 2.42 | <0.02 | <0.01 |
| 305960 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 5 **Part** 4

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|---------|------------|--------|-------|-------|------|-------|--------|------|------|-------|------|-------|--------|-------|-------|-------|-------|-------|--------|-------|------|
| Analyte | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | |
| MDL | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | |
| 305931 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305932 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305933 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305934 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305935 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305937 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305938 | Drill Core | <0.001 | <0.01 | <0.01 | 0.30 | 0.06 | <0.001 | 0.18 | 7.57 | 0.48 | 3.80 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305939 | Drill Core | <0.001 | <0.01 | <0.01 | 1.01 | 0.06 | <0.001 | 0.21 | 7.27 | 0.09 | 2.95 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305940 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305941 | Drill Core | <0.001 | <0.01 | <0.01 | 0.53 | 0.07 | <0.001 | 0.20 | 7.22 | 0.08 | 3.73 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305942 | Drill Core | <0.001 | <0.01 | <0.01 | 0.18 | 0.07 | <0.001 | 0.13 | 7.66 | 0.07 | 3.93 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305943 | Drill Core | <0.001 | <0.01 | <0.01 | 0.15 | 0.06 | <0.001 | 0.21 | 6.92 | 0.02 | 2.85 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305944 | Drill Core | <0.001 | <0.01 | <0.01 | 0.13 | 0.06 | <0.001 | 0.18 | 6.53 | 0.02 | 2.65 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305945 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305946 | Drill Core | 0.003 | <0.01 | <0.01 | 0.16 | 0.05 | <0.001 | 0.23 | 6.43 | 0.02 | 2.47 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305947 | Drill Core | <0.001 | <0.01 | <0.01 | 1.24 | 0.06 | <0.001 | 0.87 | 6.48 | 0.01 | 2.49 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305948 | Drill Core | 0.007 | 0.02 | <0.01 | 0.13 | 0.05 | <0.001 | 0.17 | 6.09 | 0.02 | 2.75 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305949 | Drill Core | 0.004 | <0.01 | <0.01 | 0.14 | 0.06 | <0.001 | 0.20 | 6.35 | 0.02 | 2.66 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305950 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305951 | Drill Core | 0.004 | <0.01 | <0.01 | 0.09 | 0.04 | <0.001 | 0.15 | 6.99 | 0.02 | 2.98 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305952 | Drill Core | 0.012 | 0.02 | <0.01 | 0.04 | 0.02 | <0.001 | 0.12 | 3.26 | 0.01 | 1.54 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305953 | Drill Core | 0.002 | <0.01 | <0.01 | 0.08 | 0.03 | <0.001 | 0.17 | 4.85 | 0.02 | 2.16 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305954 | Drill Core | 0.064 | 0.28 | <0.01 | 0.01 | <0.01 | <0.001 | 0.03 | 0.89 | <0.01 | 0.43 | 0.02 | <0.001 | 0.390 | 20.70 | 27.24 | 3014 | 0.001 | <0.001 | 0.26 | 2.23 |
| 305955 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305956 | Drill Core | 0.001 | <0.01 | <0.01 | 0.16 | 0.06 | <0.001 | 0.23 | 5.93 | 0.02 | 2.46 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305957 | Drill Core | <0.001 | <0.01 | <0.01 | 0.74 | 0.06 | <0.001 | 0.51 | 6.50 | 0.02 | 2.89 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305958 | Drill Core | 0.001 | <0.01 | <0.01 | 0.13 | 0.06 | <0.001 | 0.18 | 6.43 | 0.02 | 2.54 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305959 | Drill Core | <0.001 | <0.01 | <0.01 | 0.16 | 0.06 | <0.001 | 0.23 | 6.87 | 0.03 | 2.97 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305960 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 5 **Part** 5

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method Analyte Unit MDL | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|----------------------------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| 305931 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305932 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305933 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305934 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305935 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305937 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305938 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305939 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305940 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305941 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305942 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305943 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305944 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305945 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305946 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305947 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305948 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305949 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305950 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305951 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305952 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305953 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305954 | Drill Core | 0.07 | <0.01 | 0.061 | 0.21 | <0.01 | <0.01 | <0.01 | 0.002 | 0.03 | 0.90 | <0.01 | 0.43 | <0.01 |
| 305955 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305956 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305957 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305958 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305959 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305960 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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Client: **CMC Metals Ltd.**
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
 Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | WGHT | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------|------------|------|-------|--------|--------|--------|-------|-------|--------|--------|--------|------|-------|--------|--------|--------|--------|-------|-------|--------|--------|
| Analyte | Wgt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | |
| Unit | kg | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | |
| 305961 | Drill Core | 1.8 | 0.01 | <0.001 | <0.001 | <0.01 | 0.15 | <2 | <0.001 | <0.001 | 0.08 | 0.84 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.27 | 0.021 | <0.001 | |
| 305962 | Drill Core | 0.7 | 0.01 | 0.005 | 0.004 | 0.03 | 1.03 | 4 | <0.001 | <0.001 | 0.44 | 1.85 | <0.01 | <0.001 | 0.002 | <0.001 | <0.01 | 0.07 | 0.014 | <0.001 | |
| 305963 | Drill Core | 1.3 | 0.01 | <0.001 | 0.002 | 0.05 | 0.20 | 5 | <0.001 | <0.001 | 0.49 | 1.48 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.07 | 0.019 | <0.001 | |
| 305964 | Drill Core | 2.1 | 0.01 | <0.001 | <0.001 | 0.02 | 0.05 | <2 | <0.001 | <0.001 | 0.13 | 1.37 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 1.16 | 0.085 | <0.001 | |
| 305965 | Drill Core | 1.4 | 0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 21.68 | 0.005 | <0.001 | |
| 305966 | Drill Core | 2.5 | 0.01 | <0.001 | <0.001 | 0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.09 | 1.44 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 1.63 | 0.085 | <0.001 | |
| 305967 | Drill Core | 2.5 | 0.03 | <0.001 | <0.001 | 0.05 | 0.37 | <2 | <0.001 | <0.001 | 0.58 | 2.26 | 0.02 | 0.005 | <0.001 | <0.001 | <0.01 | 1.69 | 0.066 | <0.001 | |
| 305968 | Drill Core | 2.1 | <0.01 | <0.001 | <0.001 | 0.05 | 0.15 | <2 | <0.001 | <0.001 | 0.41 | 1.98 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 1.43 | 0.084 | <0.001 | |
| 305969 | Drill Core | 2.8 | <0.01 | <0.001 | <0.001 | 0.06 | 0.13 | <2 | <0.001 | <0.001 | 0.45 | 2.16 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 1.28 | 0.072 | <0.001 | |
| 305970 | Drill Core | 0.1 | 6.86 | <0.001 | 0.515 | 2.12 | 4.51 | 188 | <0.001 | <0.001 | 0.34 | 3.67 | <0.01 | 0.005 | 0.025 | 0.005 | <0.01 | 3.12 | 0.017 | 0.001 | |
| 305971 | Drill Core | 2.5 | 0.03 | <0.001 | <0.001 | 0.07 | 0.25 | 4 | <0.001 | <0.001 | 0.49 | 2.16 | <0.01 | <0.001 | <0.001 | 0.001 | <0.01 | 0.16 | 0.062 | <0.001 | |
| 305972 | Drill Core | 2.6 | 0.01 | <0.001 | 0.002 | 0.03 | 0.54 | 4 | <0.001 | <0.001 | 0.85 | 2.48 | <0.01 | 0.001 | <0.001 | 0.001 | <0.01 | 0.31 | 0.070 | <0.001 | |
| 305973 | Drill Core | 2.5 | 0.22 | 0.002 | <0.001 | 0.03 | 0.34 | <2 | <0.001 | 0.002 | 0.78 | 3.07 | 0.30 | <0.001 | <0.001 | <0.001 | <0.01 | 0.19 | 0.060 | <0.001 | |
| 305974 | Drill Core | 2.2 | 0.01 | <0.001 | <0.001 | 0.02 | 0.41 | <2 | <0.001 | <0.001 | 1.23 | 3.37 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.24 | 0.073 | <0.001 | |
| 305975 | Drill Core | 1.8 | 0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.02 | 0.09 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 24.58 | 0.002 | <0.001 | |
| 305976 | Drill Core | 2.7 | <0.01 | <0.001 | <0.001 | <0.01 | 0.29 | <2 | <0.001 | <0.001 | 1.19 | 3.09 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.24 | 0.064 | <0.001 | |
| 305977 | Drill Core | 2.7 | <0.01 | <0.001 | <0.001 | 0.08 | 0.32 | 2 | <0.001 | <0.001 | 0.99 | 2.55 | <0.01 | 0.001 | <0.001 | 0.001 | <0.01 | 0.57 | 0.063 | <0.001 | |
| 305978 | Drill Core | 2.4 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.13 | 1.69 | <0.01 | 0.012 | <0.001 | <0.001 | <0.01 | 2.52 | 0.071 | <0.001 | |
| 305979 | Drill Core | 2.4 | <0.01 | <0.001 | <0.001 | 0.02 | 0.08 | <2 | <0.001 | <0.001 | 0.31 | 1.73 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 1.00 | 0.052 | <0.001 | |
| 305980 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.477 | 2.10 | 4.47 | 176 | <0.001 | <0.001 | 0.34 | 3.58 | <0.01 | 0.005 | 0.025 | 0.005 | <0.01 | 3.11 | 0.016 | 0.001 |
| 305981 | Drill Core | 2.4 | N.A. | N.A. | <0.001 | <0.001 | 0.01 | 0.07 | <2 | <0.001 | <0.001 | 0.16 | 0.99 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 0.92 | 0.034 | <0.001 |
| 305982 | Drill Core | 2.1 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.05 | 1.14 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 0.83 | 0.026 | <0.001 |
| 305983 | Drill Core | 2.7 | N.A. | N.A. | <0.001 | <0.001 | 0.04 | 0.55 | <2 | <0.001 | <0.001 | 0.47 | 1.24 | <0.01 | 0.001 | <0.001 | 0.002 | <0.01 | 0.32 | 0.041 | <0.001 |
| 305984 | Drill Core | 2.1 | N.A. | N.A. | <0.001 | 0.002 | 0.06 | 2.02 | 5 | <0.001 | <0.001 | 0.75 | 2.24 | 0.09 | <0.001 | 0.004 | <0.001 | <0.01 | 0.15 | 0.044 | <0.001 |
| 305985 | Drill Core | 1.2 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.09 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 25.72 | 0.002 | <0.001 |
| 305986 | Drill Core | 2.6 | N.A. | N.A. | <0.001 | 0.002 | <0.01 | 1.39 | 5 | <0.001 | <0.001 | 1.20 | 3.35 | <0.01 | <0.001 | 0.003 | 0.002 | <0.01 | 0.15 | 0.048 | <0.001 |
| 305987 | Drill Core | 2.4 | N.A. | N.A. | <0.001 | 0.001 | <0.01 | 0.69 | 3 | <0.001 | <0.001 | 0.64 | 2.03 | <0.01 | <0.001 | 0.001 | <0.001 | <0.01 | 0.32 | 0.050 | <0.001 |
| 305988 | Drill Core | 2.1 | N.A. | N.A. | <0.001 | 0.001 | <0.01 | 0.99 | <2 | 0.004 | 0.002 | 0.09 | 6.28 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 1.81 | 0.252 | 0.007 |
| 305989 | Drill Core | 1.3 | N.A. | N.A. | <0.001 | 0.020 | 0.03 | 4.62 | 39 | <0.001 | <0.001 | 0.23 | 1.38 | 0.21 | <0.001 | 0.010 | 0.001 | <0.01 | 0.09 | 0.033 | <0.001 |
| 305990 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.502 | 2.13 | 4.40 | 194 | <0.001 | <0.001 | 0.34 | 3.63 | <0.01 | 0.005 | 0.025 | 0.003 | <0.01 | 3.13 | 0.016 | 0.001 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
 Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|-------|------|-------|-------|--------|--------|-------|------|------|------|-------|-------|------|------|------|-------|-------|-------|------|------|
| Analyte | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | |
| Unit | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | |
| MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | |
| 305961 | Drill Core | 0.07 | 0.40 | <0.01 | 0.23 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305962 | Drill Core | 0.03 | 0.23 | <0.01 | 0.17 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305963 | Drill Core | 0.03 | 0.31 | <0.01 | 0.30 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305964 | Drill Core | 0.19 | 0.44 | <0.01 | 0.39 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305965 | Drill Core | 12.86 | 0.06 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305966 | Drill Core | 0.29 | 0.42 | <0.01 | 0.42 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305967 | Drill Core | 0.61 | 0.38 | <0.01 | 0.43 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305968 | Drill Core | 0.26 | 0.42 | <0.01 | 0.45 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305969 | Drill Core | 0.28 | 0.47 | <0.01 | 0.49 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305970 | Drill Core | 0.36 | 0.50 | 0.03 | 0.35 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | 0.07 | 0.44 | <0.01 | 0.44 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305972 | Drill Core | 0.10 | 0.40 | <0.01 | 0.40 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305973 | Drill Core | 0.08 | 0.37 | <0.01 | 0.35 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305974 | Drill Core | 0.13 | 0.46 | <0.01 | 0.39 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305975 | Drill Core | 12.20 | 0.01 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305976 | Drill Core | 0.16 | 0.37 | <0.01 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305977 | Drill Core | 0.25 | 0.39 | <0.01 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305978 | Drill Core | 0.34 | 0.52 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305979 | Drill Core | 0.22 | 0.43 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305980 | Drill Core | 0.36 | 0.51 | 0.03 | 0.34 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305981 | Drill Core | 0.14 | 0.37 | <0.01 | 0.30 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305982 | Drill Core | 0.19 | 0.57 | 0.04 | 0.27 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305983 | Drill Core | 0.09 | 0.41 | <0.01 | 0.33 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305984 | Drill Core | 0.06 | 0.41 | <0.01 | 0.37 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305985 | Drill Core | 12.48 | 0.01 | <0.01 | 0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305986 | Drill Core | 0.12 | 0.38 | <0.01 | 0.35 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305987 | Drill Core | 0.15 | 0.39 | <0.01 | 0.38 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305988 | Drill Core | 1.52 | 5.84 | 0.01 | 0.18 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305989 | Drill Core | 0.03 | 0.31 | <0.01 | 0.28 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305990 | Drill Core | 0.35 | 0.50 | 0.03 | 0.35 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
 Report Date: November 08, 2007

Page: 4 of 5 Part 3

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | |
|---------|------------|-------|-------|------|------|-------|-------|-------|-------|--------|--------|-------|-------|------|--------|--------|------|------|-------|-------|------|
| Analyte | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | |
| MDL | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 | |
| 305961 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.14 | <2 | <0.001 | <0.001 | 0.08 | 1.01 | <0.02 | <0.01 | |
| 305962 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 0.004 | 0.004 | <0.02 | 1.04 | 5 | <0.001 | <0.001 | 0.43 | 2.05 | <0.02 | <0.01 | |
| 305963 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | 0.03 | 0.19 | 5 | <0.001 | <0.001 | 0.47 | 1.67 | <0.02 | <0.01 | |
| 305964 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.05 | <2 | <0.001 | <0.001 | 0.13 | 1.71 | <0.02 | <0.01 | |
| 305965 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305966 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.02 | <2 | <0.001 | <0.001 | 0.09 | 1.72 | <0.02 | 0.01 | |
| 305967 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.03 | 0.35 | 2 | <0.001 | <0.001 | 0.55 | 2.48 | <0.02 | <0.01 | |
| 305968 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.05 | 0.14 | <2 | <0.001 | <0.001 | 0.40 | 2.35 | <0.02 | <0.01 | |
| 305969 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.06 | 0.16 | <2 | <0.001 | <0.001 | 0.44 | 2.59 | <0.02 | <0.01 | |
| 305970 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.001 | 0.07 | 0.25 | 4 | <0.001 | <0.001 | 0.46 | 2.45 | <0.02 | <0.01 | |
| 305972 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | 0.03 | 0.54 | 4 | <0.001 | <0.001 | 0.80 | 2.87 | <0.02 | <0.01 | |
| 305973 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 0.002 | <0.001 | 0.03 | 0.36 | 2 | <0.001 | 0.002 | 0.77 | 3.57 | 0.28 | <0.01 | |
| 305974 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.41 | <2 | <0.001 | <0.001 | 1.19 | 3.79 | <0.02 | <0.01 | |
| 305975 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305976 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.29 | <2 | <0.001 | <0.001 | 1.16 | 3.53 | <0.02 | <0.01 | |
| 305977 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.09 | 0.33 | <2 | <0.001 | <0.001 | 0.97 | 3.04 | <0.02 | <0.01 | |
| 305978 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | <0.01 | <2 | <0.001 | <0.001 | 0.13 | 2.09 | <0.02 | 0.01 | |
| 305979 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.10 | <2 | <0.001 | <0.001 | 0.31 | 1.99 | <0.02 | <0.01 | |
| 305980 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305981 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305982 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305983 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305984 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305985 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305986 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | <0.02 | 1.35 | 5 | <0.001 | <0.001 | 1.17 | 3.76 | <0.02 | <0.01 | |
| 305987 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 0.71 | 2 | <0.001 | <0.001 | 0.61 | 2.42 | <0.02 | <0.01 | |
| 305988 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | <0.02 | 1.03 | <2 | 0.004 | 0.003 | 0.09 | 7.21 | <0.02 | 0.01 | |
| 305989 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.022 | 0.03 | 4.93 | 36 | <0.001 | <0.001 | 0.23 | 1.64 | 0.21 | <0.01 | |
| 305990 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 4 of 5 **Part** 4

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method Analyte Unit MDL | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 |
|-------------------------|------------|--------|-------|-------|------|-------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % |
| | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 |
| 305961 | Drill Core | <0.001 | <0.01 | <0.01 | 0.29 | 0.02 | <0.001 | 0.18 | 5.11 | 0.06 | 2.30 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305962 | Drill Core | 0.002 | <0.01 | <0.01 | 0.08 | 0.01 | <0.001 | 0.10 | 3.57 | 0.03 | 1.57 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305963 | Drill Core | <0.001 | <0.01 | <0.01 | 0.07 | 0.02 | <0.001 | 0.11 | 6.13 | 0.07 | 3.43 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305964 | Drill Core | <0.001 | <0.01 | <0.01 | 1.18 | 0.09 | <0.001 | 0.35 | 6.53 | 0.03 | 2.94 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305965 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305966 | Drill Core | <0.001 | <0.01 | <0.01 | 1.59 | 0.08 | <0.001 | 0.43 | 6.88 | 0.04 | 2.80 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305967 | Drill Core | <0.001 | <0.01 | <0.01 | 1.60 | 0.07 | <0.001 | 0.71 | 6.13 | 0.02 | 3.13 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305968 | Drill Core | <0.001 | <0.01 | <0.01 | 1.41 | 0.09 | <0.001 | 0.44 | 7.73 | 0.03 | 3.24 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305969 | Drill Core | <0.001 | <0.01 | <0.01 | 1.24 | 0.08 | 0.001 | 0.47 | 7.46 | 0.02 | 1.82 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305970 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | <0.001 | <0.01 | <0.01 | 0.16 | 0.06 | 0.001 | 0.22 | 5.82 | 0.01 | 2.25 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305972 | Drill Core | 0.001 | <0.01 | <0.01 | 0.31 | 0.07 | <0.001 | 0.28 | 6.55 | 0.02 | 2.62 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305973 | Drill Core | <0.001 | <0.01 | <0.01 | 0.21 | 0.06 | <0.001 | 0.23 | 5.80 | 0.02 | 2.64 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305974 | Drill Core | <0.001 | <0.01 | <0.01 | 0.24 | 0.07 | <0.001 | 0.26 | 6.83 | 0.02 | 2.28 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305975 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305976 | Drill Core | <0.001 | <0.01 | <0.01 | 0.25 | 0.07 | <0.001 | 0.29 | 6.54 | 0.02 | 2.58 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305977 | Drill Core | <0.001 | <0.01 | <0.01 | 0.59 | 0.07 | <0.001 | 0.43 | 6.57 | 0.02 | 2.50 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305978 | Drill Core | <0.001 | <0.01 | <0.01 | 2.41 | 0.07 | 0.001 | 0.53 | 7.13 | 0.03 | 2.06 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305979 | Drill Core | <0.001 | <0.01 | <0.01 | 0.99 | 0.05 | <0.001 | 0.36 | 5.24 | 0.02 | 1.55 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305980 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305981 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305982 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305983 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305984 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305985 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305986 | Drill Core | 0.003 | <0.01 | <0.01 | 0.17 | 0.05 | <0.001 | 0.23 | 6.34 | 0.02 | 2.08 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305987 | Drill Core | 0.002 | <0.01 | <0.01 | 0.32 | 0.05 | <0.001 | 0.31 | 6.98 | 0.02 | 2.09 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305988 | Drill Core | <0.001 | <0.01 | <0.01 | 1.83 | 0.27 | 0.010 | 1.79 | 9.17 | 0.16 | 1.05 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305989 | Drill Core | 0.010 | <0.01 | <0.01 | 0.10 | 0.04 | <0.001 | 0.15 | 4.81 | 0.02 | 1.98 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305990 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: November 08, 2007

Page: 4 of 5 **Part** 5

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | Analyte | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 |
|--------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 |
| 305961 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305962 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305963 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305964 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305965 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305966 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305967 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305968 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305969 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305970 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305972 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305973 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305974 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305975 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305976 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305977 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305978 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305979 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305980 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305981 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305982 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305983 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305984 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305985 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305986 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305987 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305988 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305989 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305990 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: November 08, 2007

Page: 5 of 5 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | WGHT | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------|------------|------|------|-------|--------|--------|-------|-------|-------|--------|--------|------|------|-------|--------|--------|--------|-------|-------|--------|--------|
| Analyte | Wgt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | |
| Unit | kg | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | |
| 305991 | Drill Core | 1.8 | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.20 | <2 | <0.001 | <0.001 | 0.37 | 1.97 | <0.01 | <0.001 | <0.001 | <0.001 | 0.13 | 0.053 | <0.001 | |
| 305992 | Drill Core | 1.6 | N.A. | N.A. | <0.001 | 0.013 | <0.01 | 2.45 | 8 | <0.001 | <0.001 | 0.31 | 1.25 | <0.01 | <0.001 | 0.004 | <0.001 | <0.01 | 0.08 | 0.037 | <0.001 |
| 305993 | Drill Core | 1.4 | | <0.01 | <0.001 | 0.003 | <0.01 | 1.01 | 4 | <0.001 | <0.001 | 0.27 | 1.35 | 0.02 | <0.001 | 0.002 | <0.001 | <0.01 | 0.07 | 0.029 | <0.001 |
| 305994 | Drill Core | 1.6 | N.A. | N.A. | <0.001 | 0.126 | 1.17 | 18.94 | 456 | <0.001 | <0.001 | 0.14 | 1.55 | 0.45 | <0.001 | 0.041 | 0.018 | <0.01 | 0.02 | 0.010 | <0.001 |
| 305995 | Drill Core | 1.5 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | 0.08 | 3 | <0.001 | <0.001 | 0.01 | 0.09 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 24.48 | 0.002 | <0.001 |
| 305996 | Drill Core | 1.5 | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.73 | 4 | <0.001 | <0.001 | 1.17 | 3.55 | <0.01 | <0.001 | 0.002 | <0.001 | <0.01 | 0.35 | 0.048 | <0.001 |
| 305997 | Drill Core | 2.3 | N.A. | N.A. | <0.001 | <0.001 | 0.07 | 0.67 | 2 | <0.001 | <0.001 | 0.64 | 1.66 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 1.02 | 0.056 | <0.001 |
| 305998 | Drill Core | 2.5 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | 0.63 | <2 | <0.001 | <0.001 | 0.12 | 1.18 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 0.48 | 0.048 | <0.001 |
| 305999 | Drill Core | 2.4 | N.A. | N.A. | 0.002 | 0.003 | <0.01 | 0.10 | <2 | <0.001 | <0.001 | 0.08 | 1.07 | <0.01 | 0.003 | <0.001 | 0.001 | <0.01 | 0.71 | 0.050 | <0.001 |
| 306000 | Drill Core | 0.1 | N.A. | N.A. | <0.001 | 0.500 | 2.19 | 4.57 | 185 | <0.001 | <0.001 | 0.35 | 3.76 | <0.01 | 0.005 | 0.026 | 0.005 | <0.01 | 3.15 | 0.016 | 0.001 |



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Project: Silverhart
Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | Analyte | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|--------|------------|-------|------|-------|-------|--------|--------|-------|-------|------|------|------|-------|-------|------|------|------|-------|-------|-------|------|
| | | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 |
| 305991 | Drill Core | 0.06 | 0.46 | <0.01 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305992 | Drill Core | 0.04 | 0.29 | <0.01 | 0.31 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305993 | Drill Core | 0.03 | 0.25 | <0.01 | 0.25 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305994 | Drill Core | <0.01 | 0.15 | <0.01 | 0.14 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305995 | Drill Core | 13.01 | 0.01 | <0.01 | <0.01 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305996 | Drill Core | 0.18 | 0.30 | <0.01 | 0.27 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305997 | Drill Core | 0.57 | 0.38 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305998 | Drill Core | 0.21 | 1.03 | <0.01 | 0.29 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305999 | Drill Core | 0.14 | 0.52 | <0.01 | 0.26 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 306000 | Drill Core | 0.36 | 0.53 | 0.03 | 0.36 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | |
|---------|------------|------|-------|-------|------|------|-------|-------|-------|-------|--------|--------|-------|-------|------|--------|--------|------|------|-------|-------|
| Analyte | | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % |
| MDL | | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 |
| 305991 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | <0.02 | 0.21 | 3 | <0.001 | <0.001 | 0.37 | 2.44 | <0.02 | <0.01 |
| 305992 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.015 | <0.02 | 2.56 | 7 | <0.001 | <0.001 | 0.31 | 1.64 | <0.02 | <0.01 |
| 305993 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.004 | <0.02 | 1.03 | 3 | <0.001 | <0.001 | 0.25 | 1.53 | <0.02 | <0.01 |
| 305994 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.129 | 1.22 | 19.88 | 441 | <0.001 | <0.001 | 0.14 | 1.82 | 0.53 | <0.01 |
| 305995 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305996 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | <0.001 | 0.02 | 0.74 | 4 | <0.001 | <0.001 | 1.17 | 3.84 | <0.02 | <0.01 |
| 305997 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305998 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305999 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 306000 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 |
|---------|------------|--------|-------|-------|------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % |
| MDL | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 |
| 305991 | Drill Core | <0.001 | <0.01 | <0.01 | 0.14 | 0.06 | 0.001 | 0.23 | 6.65 | 0.03 | 2.75 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305992 | Drill Core | 0.005 | <0.01 | <0.01 | 0.09 | 0.04 | 0.001 | 0.19 | 6.05 | 0.02 | 2.13 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305993 | Drill Core | 0.002 | <0.01 | <0.01 | 0.07 | 0.03 | 0.002 | 0.12 | 3.49 | 0.02 | 1.87 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305994 | Drill Core | 0.044 | 0.03 | <0.01 | 0.03 | 0.01 | 0.001 | 0.05 | 2.14 | 0.01 | 1.12 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305995 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305996 | Drill Core | 0.002 | <0.01 | <0.01 | 0.36 | 0.05 | 0.001 | 0.25 | 6.01 | 0.03 | 1.71 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305997 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305998 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305999 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 306000 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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Project: Silverhart
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CERTIFICATE OF ANALYSIS

VAN07000388.1

| Method | Analyte | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 |
|--------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 |
| 305991 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305992 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305993 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305994 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305995 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305996 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305997 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305998 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305999 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 306000 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

QUALITY CONTROL REPORT

VAN07000388.1

| Method Analyte Unit MDL | WGHT for R150 | | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|----------------------------------|---------------|-----|------|------|--------|--------|------|-------|------|--------|--------|------|-------|-------|--------|--------|--------|-------|------|-------|-------|
| | Wgt | Wt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | |
| | kg | g | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % |
| | 0 | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305908 | Drill Core | 1.7 | | 0.37 | <0.001 | 0.459 | 2.75 | 28.28 | 2069 | <0.001 | <0.001 | 0.67 | 3.56 | 0.34 | <0.001 | 0.069 | 0.105 | <0.01 | 0.02 | 0.005 | |
| REP 305908 | QC | | | | | | | | | | | | | | | | | | | | |
| 305942 | Drill Core | 2.2 | N.A. | N.A. | <0.001 | 0.003 | 0.03 | 0.17 | 3 | <0.001 | <0.001 | 0.20 | 1.09 | <0.01 | 0.001 | <0.001 | <0.001 | <0.01 | 0.17 | 0.059 | |
| REP 305942 | QC | | | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305901 | Drill Core | 1.6 | N.A. | N.A. | 0.002 | 0.003 | 0.03 | 0.14 | 7 | <0.001 | <0.001 | 0.46 | 2.27 | 0.03 | 0.001 | <0.001 | 0.003 | <0.01 | 0.13 | 0.046 | |
| DUP 305901 | QC | 0 | N.A. | N.A. | 0.002 | 0.003 | 0.03 | 0.15 | 9 | <0.001 | <0.001 | 0.45 | 2.25 | 0.03 | 0.001 | <0.001 | 0.006 | <0.01 | 0.13 | 0.048 | |
| 305936 | Drill Core | 1.3 | | 0.02 | 0.001 | <0.001 | 0.03 | 0.14 | <2 | <0.001 | <0.001 | 0.86 | 4.06 | 0.02 | 0.001 | <0.001 | <0.001 | <0.01 | 0.21 | 0.050 | |
| DUP 305936 | QC | 0 | | 0.01 | 0.001 | <0.001 | 0.05 | 0.29 | <2 | <0.001 | <0.001 | 0.89 | 2.65 | <0.01 | 0.004 | <0.001 | 0.002 | <0.01 | 0.63 | 0.061 | |
| 305971 | Drill Core | 2.5 | | 0.03 | <0.001 | <0.001 | 0.07 | 0.25 | 4 | <0.001 | <0.001 | 0.49 | 2.16 | <0.01 | <0.001 | <0.001 | 0.001 | <0.01 | 0.16 | 0.062 | |
| DUP 305971 | QC | 0 | | 0.03 | <0.001 | 0.002 | 0.08 | 0.25 | 4 | <0.001 | <0.001 | 0.47 | 2.11 | 0.01 | <0.001 | <0.001 | <0.001 | <0.01 | 0.16 | 0.060 | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | 0.077 | 0.817 | 2.00 | 4.02 | 195 | 0.536 | 0.061 | 0.07 | 31.55 | 0.04 | 0.003 | 0.023 | 0.041 | <0.01 | 1.30 | 0.050 | |
| STD R3A | Standard | | | | 0.079 | 0.836 | 2.09 | 3.99 | 199 | 0.546 | 0.061 | 0.07 | 30.50 | 0.04 | 0.003 | 0.024 | 0.041 | <0.01 | 1.32 | 0.050 | |
| STD R3A Expected | | | | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | |
| STD GC-7 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07000388.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|------------------------|------------|--------|------|------|-------|------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|--------|
| Analyte | | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | |
| MDL | | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | | |
| 305908 | Drill Core | <0.001 | 0.02 | 0.13 | <0.01 | 0.11 | 0.042 | <0.001 | <0.001 | 0.397 | 2.54 | 24.64 | 1971 | <0.001 | <0.001 | 0.60 | 3.26 | 0.40 | <0.001 | 0.059 | 0.111 | |
| REP 305908 | QC | | | | | | | | <0.001 | 0.421 | 2.70 | 25.86 | 2143 | <0.001 | <0.001 | 0.64 | 3.53 | 0.41 | <0.001 | 0.063 | 0.124 | |
| 305942 | Drill Core | <0.001 | 0.02 | 0.32 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 305942 | QC | | | | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | | |
| 305901 | Drill Core | <0.001 | 0.04 | 0.49 | <0.01 | 0.43 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| DUP 305901 | QC | <0.001 | 0.04 | 0.49 | <0.01 | 0.42 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305936 | Drill Core | <0.001 | 0.11 | 0.37 | <0.01 | 0.32 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| DUP 305936 | QC | <0.001 | 0.29 | 0.44 | <0.01 | 0.37 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 305971 | Drill Core | <0.001 | 0.07 | 0.44 | <0.01 | 0.44 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| DUP 305971 | QC | <0.001 | 0.06 | 0.40 | <0.01 | 0.41 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | 0.002 | 25.15 | 0.38 | 3.98 | 140 | <0.001 | 0.001 | 0.01 | 28.82 | <0.01 | <0.001 | 0.012 | <0.001 |
| STD CZN-3 | Standard | | | | | | | | | <0.001 | 0.652 | 0.13 | 48.24 | 53 | <0.001 | 0.008 | <0.01 | 9.21 | 0.04 | <0.001 | 0.232 | 0.005 |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | 0.277 | 0.066 | 0.07 | 0.34 | 9 | <0.001 | <0.001 | 0.07 | 3.43 | 0.20 | 0.001 | <0.001 | 0.009 |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | <0.001 | 1.642 | 26.32 | 1.58 | 1765 | <0.001 | <0.001 | 0.09 | 6.41 | 2.81 | 0.012 | 0.035 | 0.325 |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | <0.001 | 13.50 | 0.07 | 0.12 | 60 | 9.987 | 0.280 | <0.01 | 32.91 | <0.01 | <0.001 | 0.002 | <0.001 |
| STD R3A | Standard | 0.012 | 1.05 | 1.09 | 0.04 | 0.42 | 0.003 | 0.002 | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.013 | 1.05 | 1.11 | 0.04 | 0.44 | 0.009 | 0.001 | | | | | | | | | | | | | | |
| STD R3A Expected | | 0.011 | 1.04 | 1.08 | 0.04 | 0.41 | | 0.002 | | | | | | | | | | | | | | |
| STD GC-7 Expected | | | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | | | | | | | | 0.685 | 0.113 | 50.92 | 45 | | 0.009 | | 9.97 | 0.039 | | 0.248 | | |
| STD MP-2 Expected | | | | | | | | | | 0.281 | | | 4.9 | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | 13.51 | 0.05 | | 56 | 10.03 | 0.3 | | 34.6 | 0.012 | | | | |

QUALITY CONTROL REPORT

VAN07000388.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD |
|------------------------|------------|-------|-------|--------|--------|-------|------|-------|-------|--------|--------|--------|-------|------|-------|------|--------|--------|------|------|-------|
| Analyte | | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % |
| MDL | | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305908 | Drill Core | <0.01 | 0.03 | <0.001 | <0.001 | 0.02 | 0.19 | 0.005 | 0.176 | <0.001 | <0.001 | <0.001 | 0.430 | 2.48 | 27.61 | 2200 | <0.001 | <0.001 | 0.60 | 3.43 | 0.16 |
| REP 305908 | QC | <0.01 | 0.02 | <0.001 | 0.002 | 0.02 | 0.19 | 0.001 | 0.188 | <0.001 | <0.001 | | | | | | | | | | |
| 305942 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.003 | 0.03 | 0.17 | 4 | <0.001 | <0.001 | 0.21 | 1.34 | <0.02 |
| REP 305942 | QC | | | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305901 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305936 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.001 | 0.07 | 0.25 | 4 | <0.001 | <0.001 | 0.46 | 2.45 | <0.02 |
| DUP 305971 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | <0.001 | 0.002 | 0.08 | 0.26 | 4 | <0.001 | <0.001 | 0.46 | 2.47 | <0.02 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | <0.01 | 0.09 | <0.001 | <0.001 | 0.09 | 0.08 | 0.010 | 0.004 | 0.008 | 0.002 | | | | | | | | | | |
| STD CZN-3 | Standard | <0.01 | 0.05 | <0.001 | <0.001 | 0.04 | 0.08 | 0.002 | 0.005 | <0.001 | <0.001 | | | | | | | | | | |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | 0.25 | 2.45 | <0.001 | 0.002 | 0.02 | 1.16 | 0.005 | 0.154 | 0.500 | <0.001 | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | 0.04 | 5.04 | 0.076 | 0.002 | 0.66 | 0.21 | 0.005 | 0.019 | <0.001 | <0.001 | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | <0.01 | 0.17 | 0.004 | 0.002 | 0.21 | 0.31 | 0.026 | 0.059 | 0.004 | <0.001 | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD GC-7 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | 0.058 | | | 0.051 | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | 0.245 | | | | | | | 0.65 | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07000388.1

| Method | | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 |
|------------------------|------------|-------|--------|-------|-------|------|-------|--------|------|------|------|------|-------|--------|-------|-------|-------|-------|--------|---------|-------|
| Analyte | | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % |
| MDL | | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305908 | Drill Core | <0.01 | 0.062 | 0.12 | <0.01 | 0.02 | <0.01 | <0.001 | 0.06 | 2.04 | 0.01 | 1.00 | <0.01 | <0.001 | 0.445 | 2.67 | 26.80 | 2054 | 0.002 | <0.001 | 0.64 |
| REP 305908 | QC | | | | | | | | | | | | | <0.001 | 0.420 | 2.55 | 25.10 | 1958 | <0.001 | <0.001 | 0.61 |
| 305942 | Drill Core | <0.01 | <0.001 | <0.01 | <0.01 | 0.18 | 0.07 | <0.001 | 0.13 | 7.66 | 0.07 | 3.93 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 305942 | QC | | | | | | | | | | | | | <0.001 | 0.003 | 0.03 | 0.16 | 5 | <0.001 | <0.001 | 0.19 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305901 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305936 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | <0.01 | <0.001 | <0.01 | <0.01 | 0.16 | 0.06 | 0.001 | 0.22 | 5.82 | 0.01 | 2.25 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305971 | QC | <0.01 | <0.001 | <0.01 | <0.01 | 0.16 | 0.06 | 0.001 | 0.23 | 5.86 | 0.02 | 2.83 | <0.01 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD GC-7 | Standard | | | | | | | | | | | | | 0.014 | 0.567 | 10.74 | 23.94 | 599 | 0.011 | <0.001 | 0.14 |
| STD MP-2 | Standard | | | | | | | | | | | | | 0.273 | 0.078 | 0.05 | 0.33 | <2 | 0.001 | <0.001 | 0.07 |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | 0.002 | 1.723 | 26.97 | 1.67 | 1708 | 0.002 | <0.001 | 0.11 |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | <0.001 | 13.72 | 0.07 | 0.10 | 48 | 10.06 | 0.283 | 0.01 |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD GC-7 Expected | | | | | | | | | | | | | | 0.011 | 0.555 | 10.44 | 22.06 | 619 | 0.012 | 0.00121 | 0.14 |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | 0.281 | | | | 4.9 | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | 13.51 | 0.05 | | 56 | 10.03 | 0.3 | |

QUALITY CONTROL REPORT

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| Method | | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|------------------------|------------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| Analyte | | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W |
| Unit | | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.01 | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 305908 | Drill Core | 3.67 | 0.30 | <0.01 | 0.063 | 0.12 | <0.01 | 0.01 | <0.01 | 0.001 | 0.06 | 1.95 | 0.01 | 1.19 | <0.01 |
| REP 305908 | QC | 3.53 | 0.29 | <0.01 | 0.060 | 0.10 | 0.01 | <0.01 | 0.01 | <0.001 | 0.06 | 1.87 | 0.01 | 1.15 | <0.01 |
| 305942 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 305942 | QC | 1.35 | <0.02 | <0.01 | <0.001 | 0.01 | <0.01 | 0.17 | 0.05 | <0.001 | 0.13 | 7.48 | 0.08 | 4.84 | <0.01 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 305901 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305901 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305936 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305936 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 305971 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| DUP 305971 | QC | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| Reference Materials | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | |
| STD GC-7 | Standard | 13.76 | 0.14 | <0.01 | 0.116 | 0.12 | <0.01 | 2.01 | 0.09 | 0.011 | 0.87 | 1.60 | 0.15 | 0.38 | <0.01 |
| STD MP-2 | Standard | 3.48 | 0.17 | <0.01 | <0.001 | <0.01 | 0.22 | 2.36 | <0.01 | <0.001 | 0.01 | 1.69 | 0.01 | 0.35 | 0.65 |
| STD MP-2 | Standard | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | 6.82 | 2.78 | 0.02 | 0.036 | 0.32 | 0.05 | 5.47 | 0.08 | <0.001 | 0.67 | 0.44 | 0.02 | 0.16 | <0.01 |
| STD PBC-1 | Standard | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | 33.88 | <0.02 | <0.01 | 0.002 | <0.01 | 0.02 | 0.31 | <0.01 | 0.002 | 0.66 | 0.55 | 0.11 | 0.32 | <0.01 |
| STD PTC-1A | Standard | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | |
| STD R3A | Standard | | | | | | | | | | | | | | |
| STD R3A Expected | | | | | | | | | | | | | | | |
| STD GC-7 Expected | | 14.65 | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | 0.245 | | | | | | | 0.65 |
| STD PTC-1A Expected | | 34.6 | 0.012 | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07000388.1

| | | WGHT for R150 | G6 | G6 | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------------------|------------|---------------|------|--------|--------|--------|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|--------|-------|
| Wgt | Wt | Ag | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | |
| kg | g | GM/T | GM/T | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | |
| 0 | 0 | 2 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0 | N.A. | N.A. | <0.001 | 0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.05 | 1.93 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.55 | 0.072 |
| G1 | Prep Blank | 0 | N.A. | N.A. | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.97 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.56 | 0.073 |

QUALITY CONTROL REPORT

VAN07000388.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------------------|------------|--------|-------|-------|-------|-------|--------|--------|--------|-------|-------|------|--------|--------|-------|-------|--------|--------|--------|--------|-------|
| | | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb |
| | | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % |
| | | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 |
| STD CCU-1C Expected | | | | | | | | | 0.002 | 25.62 | | 3.99 | 129 | | 0.012 | 29.34 | 0.0034 | | 0.0136 | | |
| STD PBC-1 Expected | | | | | | | | | | | 26.7 | | 1800 | | | | | | | | |
| BLK | Blank | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.001 | 0.58 | 1.15 | 0.13 | 0.57 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| G1 | Prep Blank | 0.001 | 0.59 | 1.17 | 0.13 | 0.58 | <0.001 | <0.001 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

QUALITY CONTROL REPORT

VAN07000388.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | | |
|---------------------|------------|-------|-------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|------|------|------|-------|-------|------|------|------|--|
| | | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | |
| | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | |
| | | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

QUALITY CONTROL REPORT

VAN07000388.1

| | | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | | |
|---------------------|------------|------|-------|------|------|------|------|-------|------|------|------|------|-------|--------|--------|-------|-------|-------|--------|--------|-------|------|
| | | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | |
| | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | GM/T | % | % | % | |
| | | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | 26.7 | | 1800 | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | <0.001 | <0.001 | <0.02 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | |
| BLK | Blank | | | | | | | | | | | | | <0.001 | <0.001 | <0.02 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

QUALITY CONTROL REPORT

VAN07000388.1

| | | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | 7TD.1 | |
|---------------------|------------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| | | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W |
| | | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.01 | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| STD CCU-1C Expected | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.02 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| BLK | Blank | <0.01 | <0.02 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| BLK | Blank | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| G1 | Prep Blank | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



ACME ANALYTICAL LABORATORIES LTD.
852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 15, 2007

Report Date:

November 08, 2007

Page:

1 of 2

CERTIFICATE OF ANALYSIS

VAN07000388A

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 1

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

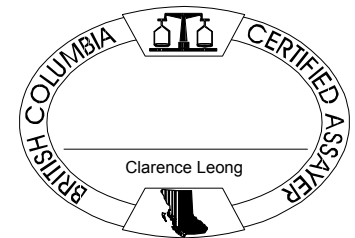
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|--|--------------|---------------|
| No Prep | 1 | Sorting of samples on arrival and labeling | | |
| 7TD | 1 | 4 Acid digestion ICP-ES analysis | 0.5 | Completed |
| 7TD.1 | 1 | 4 Acid digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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 Phone (604) 253-3158 Fax (604) 253-1716
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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07000388A.

| Method | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD |
|------------------|--------|-------|-------|-------|------|--------|--------|------|------|------|-------|-------|------|-------|------|-------|-------|------|------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 |
| 305954 Core Pulp | <0.001 | 0.369 | 15.78 | 26.68 | 2943 | <0.001 | <0.001 | 0.26 | 2.08 | 0.06 | <0.01 | 0.064 | 0.18 | <0.01 | 0.01 | <0.01 | 0.001 | 0.03 | 0.92 | <0.01 |



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Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Project:

Silverhart

Report Date:

November 08, 2007

Page:

2 of 2

Part 2

CERTIFICATE OF ANALYSIS

VAN07000388A.

| Method | 7TD | 7TD | 7TD.1 | |
|---------|-----------|------|-------|-------|
| Analyte | K | W | Pb | |
| Unit | % | % | % | |
| MDL | 0.01 | 0.01 | 0.02 | |
| 305954 | Core Pulp | 0.41 | <0.01 | 20.21 |

QUALITY CONTROL REPORT

VAN07000388A.

| Method | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD | 7TD |
|---------------------|----------|--------|-------|-------|------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | 0.001 | 0.001 | 0.02 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.02 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | |
| STD R3T | 0.074 | 0.791 | 1.99 | 4.03 | 193 | 0.523 | 0.059 | 0.09 | 30.48 | <0.02 | <0.01 | 0.023 | 0.02 | <0.01 | 2.19 | 0.05 | 0.020 | 1.65 | 2.41 | 0.31 |
| STD R3T | 0.074 | 0.807 | 2.01 | 4.09 | 191 | 0.527 | 0.059 | 0.09 | 32.47 | <0.02 | <0.01 | 0.023 | 0.02 | <0.01 | 2.22 | 0.06 | 0.020 | 1.65 | 2.42 | 0.32 |
| STD R3T Expected | 0.077 | 0.805 | 1.98 | 4.1 | 190 | 0.525 | 0.061 | 0.09 | 34.17 | 0.04 | 0.01 | 0.024 | 0.04 | | 2.23 | 0.05 | 0.02 | 1.64 | 2.44 | 0.31 |
| STD GC-7 Expected | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| | <0.001 | <0.001 | <0.02 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.02 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | <0.01 | <0.01 |



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Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Project:

Silverhart

Report Date:

November 08, 2007

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

VAN07000388A.

| Method | | 7TD | 7TD | 7TD.1 |
|---------------------|----------|-------|-------|-------|
| Analyte | | K | W | Pb |
| Unit | | % | % | % |
| MDL | | 0.01 | 0.01 | 0.02 |
| Reference Materials | | | | |
| STD GC-7 | Standard | | | 11.67 |
| STD MP-2 | Standard | | | 0.04 |
| STD PBC-1 | Standard | | | 28.92 |
| STD PTC-1A | Standard | | | 0.06 |
| STD R3T | Standard | 0.59 | <0.01 | |
| STD R3T | Standard | 0.59 | <0.01 | |
| STD R3T Expected | | 0.59 | | |
| STD GC-7 Expected | | | | 10.44 |
| STD PBC-1 Expected | | | | 26.7 |
| STD PTC-1A Expected | | | | 0.05 |
| BLK | Blank | <0.01 | <0.01 | |
| BLK | Blank | | | <0.02 |



ACME ANALYTICAL LABORATORIES LTD.
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Phone (604) 253-3158 Fax (604) 253-1716

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Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

September 04, 2007

Report Date:

November 08, 2007

Page:

1 of 3

CERTIFICATE OF ANALYSIS

VAN07000359.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 50

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

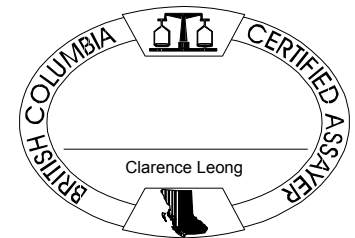
Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 45 | Crush split and pulverize drill core to 150mesh | | |
| 7AR | 50 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |
| 7AR | 2 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 3 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07000359.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|--------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701001 | Drill Core | 0.002 | 0.004 | 0.38 | 0.81 | 87 | 0.001 | <0.001 | 1.45 | 11.34 | <0.01 | 0.012 | 0.002 | <0.001 | 0.03 | 11.90 | 0.081 | <0.001 | 0.17 | 0.85 | 0.004 |
| 701002 | Drill Core | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.006 | <0.001 | 0.34 | 7.56 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 11.25 | 0.052 | 0.011 | 1.17 | 1.97 | 0.003 |
| 701003 | Drill Core | <0.001 | 0.015 | 0.04 | 0.46 | 4 | 0.003 | 0.001 | 0.56 | 13.72 | <0.01 | <0.001 | 0.001 | <0.001 | 0.03 | 12.98 | 0.033 | 0.007 | 0.49 | 2.07 | 0.001 |
| 701004 | Drill Core | 0.001 | 0.230 | 8.13 | 17.84 | 751 | <0.001 | <0.001 | 0.82 | 14.14 | 0.06 | <0.001 | 0.095 | 0.042 | <0.01 | 0.34 | 0.008 | <0.001 | 0.08 | 0.42 | 0.002 |
| 701005 | Drill Core | <0.001 | <0.001 | 0.02 | 0.02 | <2 | <0.001 | <0.001 | 0.02 | 0.35 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 19.96 | 0.002 | <0.001 | 12.16 | 0.06 | 0.002 |
| 701006 | Drill Core | <0.001 | 0.026 | 0.57 | 1.51 | 50 | <0.001 | <0.001 | 1.75 | 17.17 | <0.01 | <0.001 | 0.005 | 0.001 | <0.01 | 5.73 | 0.015 | <0.001 | 0.23 | 1.24 | 0.001 |
| 701007 | Drill Core | 0.001 | 0.003 | 0.10 | 0.50 | 6 | 0.001 | <0.001 | 1.08 | 9.24 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 12.29 | 0.017 | 0.001 | 0.31 | 2.06 | 0.002 |
| 701008 | Drill Core | 0.001 | 0.029 | 1.48 | 3.21 | 257 | 0.001 | <0.001 | 5.12 | 16.19 | <0.01 | <0.001 | 0.010 | 0.017 | <0.01 | 0.39 | 0.012 | <0.001 | 0.39 | 0.44 | 0.007 |
| 701009 | Drill Core | 0.001 | <0.001 | 0.03 | 0.10 | <2 | 0.003 | <0.001 | 0.61 | 5.08 | <0.01 | 0.012 | <0.001 | <0.001 | <0.01 | 10.81 | 0.051 | 0.004 | 0.66 | 1.88 | 0.003 |
| 701010 | Drill Core | <0.001 | 0.483 | 1.37 | 2.91 | 19 | <0.001 | <0.001 | 0.42 | 2.51 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 4.12 | 0.016 | <0.001 | 0.30 | 0.47 | 0.046 |
| 701011 | Drill Core | 0.013 | 0.006 | 0.03 | 0.13 | 4 | 0.004 | 0.002 | 0.50 | 6.11 | <0.01 | 0.022 | <0.001 | <0.001 | <0.01 | 6.96 | 0.042 | 0.005 | 1.14 | 2.54 | 0.007 |
| 701012 | Drill Core | <0.001 | 0.031 | <0.01 | 0.03 | <2 | 0.005 | 0.002 | 0.10 | 5.08 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 3.05 | 0.082 | 0.005 | 1.11 | 2.94 | 0.107 |
| 701013 | Drill Core | <0.001 | 0.036 | <0.01 | 0.02 | <2 | 0.005 | 0.002 | 0.06 | 5.00 | <0.01 | 0.012 | <0.001 | <0.001 | <0.01 | 1.99 | 0.058 | 0.005 | 1.08 | 3.46 | 0.210 |
| 701014 | Drill Core | <0.001 | 0.093 | <0.01 | 0.02 | <2 | 0.006 | 0.002 | 0.06 | 6.43 | <0.01 | 0.025 | <0.001 | <0.001 | <0.01 | 2.82 | 0.033 | 0.005 | 0.97 | 4.80 | 0.466 |
| 701015 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.02 | 0.15 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.05 | 0.002 | <0.001 | 12.27 | 0.05 | 0.004 |
| 701016 | Drill Core | <0.001 | 0.035 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.04 | 5.18 | <0.01 | 0.013 | <0.001 | <0.001 | <0.01 | 2.06 | 0.089 | 0.006 | 1.25 | 3.51 | 0.235 |
| 701017 | Drill Core | <0.001 | 0.028 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.53 | <0.01 | 0.011 | <0.001 | <0.001 | <0.01 | 1.51 | 0.049 | 0.005 | 1.18 | 2.86 | 0.115 |
| 701018 | Drill Core | <0.001 | 0.017 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.06 | 2.72 | <0.01 | 0.040 | <0.001 | <0.001 | <0.01 | 3.37 | 0.039 | 0.005 | 0.91 | 5.33 | 0.514 |
| 701019 | Drill Core | 0.001 | 0.015 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.09 | 3.87 | <0.01 | 0.019 | <0.001 | <0.001 | <0.01 | 1.53 | 0.029 | 0.006 | 1.19 | 2.77 | 0.144 |
| 701020 | Drill Core | <0.001 | 0.475 | 1.37 | 2.85 | 19 | <0.001 | <0.001 | 0.40 | 2.50 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.87 | 0.016 | <0.001 | 0.30 | 0.49 | 0.054 |
| 701021 | Drill Core | 0.001 | 0.089 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 3.99 | <0.01 | 0.037 | <0.001 | <0.001 | <0.01 | 3.21 | 0.032 | 0.005 | 0.68 | 4.85 | 0.551 |
| 701022 | Drill Core | 0.002 | 0.125 | <0.01 | 0.02 | <2 | 0.008 | 0.004 | 0.11 | 3.14 | <0.01 | 0.027 | <0.001 | <0.001 | <0.01 | 3.18 | 0.027 | 0.005 | 0.93 | 4.11 | 0.333 |
| 701023 | Drill Core | 0.003 | 0.008 | <0.01 | 0.11 | <2 | 0.004 | 0.001 | 0.33 | 7.25 | <0.01 | 0.014 | <0.001 | <0.001 | <0.01 | 7.81 | 0.039 | 0.003 | 0.65 | 2.64 | 0.079 |
| 701024 | Drill Core | 0.003 | 0.001 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.38 | 4.44 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 9.79 | 0.022 | 0.003 | 0.37 | 2.01 | 0.008 |
| 701025 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.17 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 21.70 | 0.004 | <0.001 | 11.82 | 0.05 | 0.003 |
| 701026 | Drill Core | 0.005 | 0.002 | 0.05 | 0.05 | <2 | <0.001 | <0.001 | 0.64 | 10.11 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 15.08 | 0.020 | <0.001 | 0.18 | 1.79 | 0.005 |
| 701027 | Drill Core | <0.001 | 0.003 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.38 | 9.45 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 14.32 | 0.068 | 0.001 | 0.09 | 1.76 | 0.003 |
| 701028 | Drill Core | <0.001 | 0.004 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 9.61 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 13.76 | 0.023 | 0.001 | 0.13 | 1.86 | 0.007 |
| 701029 | Drill Core | <0.001 | 0.006 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 10.06 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 15.93 | 0.029 | 0.002 | 0.14 | 1.78 | 0.003 |
| 701030 | Drill Core | <0.001 | 0.476 | 1.37 | 2.84 | 19 | <0.001 | <0.001 | 0.41 | 2.37 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.80 | 0.016 | <0.001 | 0.30 | 0.48 | 0.051 |



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Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07000359.1

| Method | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|------------|
| Analyte | K | W | Hg | Ag |
| Unit | % | % | % | GM/T |
| MDL | 0.001 | 0.001 | 0.001 | 2 |
| 701001 | Drill Core | 0.076 | 0.017 | <0.001 |
| 701002 | Drill Core | 0.043 | 0.007 | <0.001 |
| 701003 | Drill Core | 0.025 | 0.008 | <0.001 |
| 701004 | Drill Core | 0.091 | 0.089 | <0.001 745 |
| 701005 | Drill Core | 0.008 | <0.001 | <0.001 |
| 701006 | Drill Core | 0.094 | 0.011 | <0.001 |
| 701007 | Drill Core | 0.075 | 0.057 | <0.001 |
| 701008 | Drill Core | 0.344 | 0.040 | <0.001 |
| 701009 | Drill Core | 0.081 | 0.003 | <0.001 |
| 701010 | Drill Core | 0.323 | 0.017 | <0.001 |
| 701011 | Drill Core | 0.309 | 0.002 | <0.001 |
| 701012 | Drill Core | 0.378 | 0.022 | <0.001 |
| 701013 | Drill Core | 0.312 | 0.062 | <0.001 |
| 701014 | Drill Core | 0.177 | 0.089 | <0.001 |
| 701015 | Drill Core | 0.011 | 0.001 | <0.001 |
| 701016 | Drill Core | 0.437 | 0.024 | <0.001 |
| 701017 | Drill Core | 0.468 | 0.002 | <0.001 |
| 701018 | Drill Core | 0.311 | 0.010 | <0.001 |
| 701019 | Drill Core | 0.237 | 0.006 | <0.001 |
| 701020 | Drill Core | 0.324 | 0.017 | <0.001 |
| 701021 | Drill Core | 0.165 | 0.096 | <0.001 |
| 701022 | Drill Core | 0.458 | 0.003 | <0.001 |
| 701023 | Drill Core | 0.143 | 0.028 | <0.001 |
| 701024 | Drill Core | 0.012 | 0.158 | <0.001 |
| 701025 | Drill Core | 0.008 | 0.001 | <0.001 |
| 701026 | Drill Core | 0.067 | 0.191 | <0.001 |
| 701027 | Drill Core | 0.015 | 0.022 | <0.001 |
| 701028 | Drill Core | 0.015 | 0.006 | <0.001 |
| 701029 | Drill Core | 0.017 | 0.008 | <0.001 |
| 701030 | Drill Core | 0.321 | 0.021 | <0.001 |



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Project: Silverhart
 Report Date: November 08, 2007

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN07000359.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701031 | Drill Core | 0.005 | 0.005 | 0.03 | 0.17 | <2 | <0.001 | <0.001 | 0.68 | 11.19 | <0.01 | 0.008 | <0.001 | <0.001 | 0.01 | 16.89 | 0.049 | 0.002 | 0.15 | 1.78 | 0.002 |
| 701032 | Drill Core | 0.004 | 0.002 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.51 | 11.16 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 18.14 | 0.154 | 0.002 | 0.16 | 2.11 | 0.002 |
| 701033 | Drill Core | 0.001 | <0.001 | <0.01 | 0.01 | <2 | 0.001 | <0.001 | 0.45 | 5.62 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 11.61 | 0.020 | 0.003 | 0.35 | 2.29 | 0.003 |
| 701034 | Drill Core | <0.001 | <0.001 | <0.01 | 0.12 | <2 | <0.001 | <0.001 | 0.86 | 2.13 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 25.44 | 0.103 | 0.002 | 0.58 | 0.73 | 0.003 |
| 701035 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 19.69 | 0.003 | <0.001 | 12.16 | 0.04 | 0.003 |
| 701036 | Drill Core | 0.002 | 0.006 | 0.77 | 1.46 | 156 | <0.001 | 0.001 | 2.07 | 10.57 | <0.01 | 0.003 | 0.005 | 0.001 | 0.03 | 9.04 | 0.047 | <0.001 | 0.19 | 0.74 | 0.002 |
| 701037 | Drill Core | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.39 | 6.64 | <0.01 | 0.002 | <0.001 | <0.001 | 0.03 | 11.79 | 0.027 | 0.001 | 0.14 | 1.12 | 0.002 |
| 701038 | Drill Core | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.39 | 6.07 | <0.01 | 0.002 | <0.001 | <0.001 | 0.02 | 10.77 | 0.049 | 0.003 | 0.19 | 1.16 | 0.003 |
| 701039 | Drill Core | <0.001 | 0.002 | 0.01 | 0.09 | <2 | <0.001 | 0.002 | 0.48 | 6.42 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 9.79 | 0.037 | 0.002 | 0.19 | 1.13 | 0.002 |
| 701040 | Drill Core | <0.001 | 0.481 | 1.39 | 2.92 | 17 | <0.001 | <0.001 | 0.43 | 2.56 | <0.01 | 0.007 | 0.018 | <0.001 | <0.01 | 3.97 | 0.017 | 0.001 | 0.30 | 0.50 | 0.055 |
| 701041 | Drill Core | <0.001 | 0.006 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.33 | 8.17 | <0.01 | 0.002 | <0.001 | <0.001 | 0.04 | 11.79 | 0.023 | <0.001 | 0.09 | 1.07 | 0.002 |
| 701042 | Drill Core | <0.001 | 0.003 | <0.01 | 0.03 | <2 | <0.001 | 0.001 | 0.32 | 5.78 | <0.01 | 0.002 | <0.001 | <0.001 | 0.07 | 10.23 | 0.044 | 0.002 | 0.07 | 0.79 | 0.002 |
| 701043 | Drill Core | <0.001 | 0.004 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.41 | 6.51 | <0.01 | 0.003 | <0.001 | <0.001 | 0.02 | 11.18 | 0.019 | 0.001 | 0.14 | 1.09 | 0.002 |
| 701044 | Drill Core | 0.001 | 0.011 | <0.01 | 0.02 | <2 | <0.001 | 0.002 | 0.38 | 7.21 | <0.01 | 0.003 | <0.001 | <0.001 | 0.03 | 10.69 | 0.022 | 0.001 | 0.23 | 1.21 | 0.003 |
| 701045 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.13 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.02 | 0.001 | <0.001 | 12.26 | 0.02 | 0.003 |
| 701046 | Drill Core | 0.001 | 0.004 | 0.04 | 0.10 | <2 | <0.001 | <0.001 | 0.45 | 9.52 | <0.01 | 0.003 | <0.001 | <0.001 | 0.02 | 12.73 | 0.049 | 0.001 | 0.17 | 1.11 | 0.002 |
| 701047 | Drill Core | <0.001 | 0.007 | 0.15 | 0.20 | 10 | <0.001 | <0.001 | 0.82 | 11.29 | <0.01 | 0.003 | <0.001 | <0.001 | 0.03 | 13.12 | 0.035 | 0.001 | 0.29 | 1.33 | 0.002 |
| 701048 | Drill Core | 0.002 | 0.001 | <0.01 | 0.10 | <2 | <0.001 | <0.001 | 0.57 | 8.01 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 12.84 | 0.017 | <0.001 | 0.28 | 2.11 | 0.003 |
| 701049 | Drill Core | 0.002 | 0.140 | 1.36 | 21.62 | 605 | <0.001 | <0.001 | 2.26 | 11.01 | <0.01 | 0.002 | 0.077 | 0.029 | <0.01 | 1.47 | 0.004 | <0.001 | 0.20 | 0.32 | 0.005 |
| 701050 | Drill Core | <0.001 | 0.480 | 1.40 | 2.89 | 20 | <0.001 | <0.001 | 0.43 | 2.57 | <0.01 | 0.007 | 0.018 | 0.001 | <0.01 | 4.01 | 0.015 | 0.001 | 0.30 | 0.50 | 0.056 |



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Project: Silverhart
Report Date: November 08, 2007

Page: 3 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07000359.1

| Method | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|------------|
| Analyte | K | W | Hg | Ag |
| Unit | % | % | % | GM/T |
| MDL | 0.001 | 0.001 | 0.001 | 2 |
| 701031 | Drill Core | 0.026 | 0.336 | <0.001 |
| 701032 | Drill Core | 0.013 | 0.146 | <0.001 |
| 701033 | Drill Core | 0.019 | 0.059 | <0.001 |
| 701034 | Drill Core | 0.005 | 0.018 | <0.001 |
| 701035 | Drill Core | 0.012 | 0.001 | <0.001 |
| 701036 | Drill Core | 0.057 | 0.046 | <0.001 |
| 701037 | Drill Core | 0.022 | 0.056 | <0.001 |
| 701038 | Drill Core | 0.015 | 0.018 | <0.001 |
| 701039 | Drill Core | 0.015 | 0.004 | <0.001 |
| 701040 | Drill Core | 0.331 | <0.001 | <0.001 |
| 701041 | Drill Core | 0.016 | 0.006 | <0.001 |
| 701042 | Drill Core | 0.011 | 0.056 | <0.001 |
| 701043 | Drill Core | 0.034 | 0.051 | <0.001 |
| 701044 | Drill Core | 0.048 | 0.017 | <0.001 |
| 701045 | Drill Core | 0.006 | <0.001 | <0.001 |
| 701046 | Drill Core | 0.028 | 0.008 | <0.001 |
| 701047 | Drill Core | 0.029 | 0.016 | <0.001 |
| 701048 | Drill Core | 0.004 | 0.182 | <0.001 |
| 701049 | Drill Core | 0.176 | <0.001 | <0.001 596 |
| 701050 | Drill Core | 0.337 | <0.001 | <0.001 |

QUALITY CONTROL REPORT

VAN07000359.1

| Method | Analyte | 7AR Mo | 7AR Cu | 7AR Pb | 7AR Zn | 7AR Ag | 7AR Ni | 7AR Co | 7AR Mn | 7AR Fe | 7AR As | 7AR Sr | 7AR Cd | 7AR Sb | 7AR Bi | 7AR Ca | 7AR P | 7AR Cr | 7AR Mg | 7AR Al | 7AR Na |
|------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701018 | Drill Core | <0.001 | 0.017 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.06 | 2.72 | <0.01 | 0.040 | <0.001 | <0.001 | <0.01 | 3.37 | 0.039 | 0.005 | 0.91 | 5.33 | 0.514 |
| REP 701018 | QC | <0.001 | 0.017 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.05 | 2.74 | <0.01 | 0.039 | <0.001 | <0.001 | <0.01 | 3.44 | 0.039 | 0.005 | 0.87 | 5.36 | 0.505 |
| REP 701038 | QC | | | | | | | | | | | | | | | | | | | | |
| 701048 | Drill Core | 0.002 | 0.001 | <0.01 | 0.10 | <2 | <0.001 | <0.001 | 0.57 | 8.01 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 12.84 | 0.017 | <0.001 | 0.28 | 2.11 | 0.003 |
| REP 701048 | QC | 0.003 | 0.001 | <0.01 | 0.10 | <2 | <0.001 | <0.001 | 0.56 | 7.76 | <0.01 | 0.002 | <0.001 | <0.001 | <0.01 | 12.33 | 0.017 | <0.001 | 0.28 | 2.02 | 0.003 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701003 | Drill Core | <0.001 | 0.015 | 0.04 | 0.46 | 4 | 0.003 | 0.001 | 0.56 | 13.72 | <0.01 | <0.001 | 0.001 | <0.001 | 0.03 | 12.98 | 0.033 | 0.007 | 0.49 | 2.07 | 0.001 |
| DUP 701003 | QC | <0.001 | 0.014 | 0.03 | 0.42 | <2 | 0.002 | <0.001 | 0.49 | 13.39 | <0.01 | <0.001 | 0.001 | <0.001 | 0.03 | 12.70 | 0.028 | 0.005 | 0.40 | 1.92 | <0.001 |
| 701038 | Drill Core | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.39 | 6.07 | <0.01 | 0.002 | <0.001 | <0.001 | 0.02 | 10.77 | 0.049 | 0.003 | 0.19 | 1.16 | 0.003 |
| DUP 701038 | QC | <0.001 | 0.001 | <0.01 | 0.04 | <2 | <0.001 | 0.001 | 0.39 | 6.15 | <0.01 | 0.002 | <0.001 | 0.002 | 0.02 | 11.21 | 0.047 | 0.003 | 0.17 | 1.16 | 0.003 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.077 | 0.815 | 1.98 | 4.00 | 200 | 0.545 | 0.061 | 0.07 | 31.55 | 0.04 | 0.003 | 0.023 | 0.040 | <0.01 | 1.29 | 0.049 | 0.012 | 1.06 | 1.07 | 0.034 |
| STD R3A | Standard | 0.076 | 0.814 | 1.93 | 3.95 | 200 | 0.544 | 0.061 | 0.07 | 31.21 | 0.04 | 0.003 | 0.023 | 0.038 | <0.01 | 1.28 | 0.048 | 0.011 | 1.05 | 1.08 | 0.038 |
| STD R3A | Standard | 0.078 | 0.804 | 1.98 | 3.98 | 200 | 0.543 | 0.061 | 0.07 | 31.47 | 0.04 | 0.003 | 0.023 | 0.038 | <0.01 | 1.27 | 0.048 | 0.011 | 1.04 | 1.06 | 0.032 |
| STD R3A | Standard | 0.076 | 0.804 | 1.93 | 3.95 | 201 | 0.545 | 0.061 | 0.06 | 31.21 | 0.04 | 0.003 | 0.023 | 0.039 | <0.01 | 1.26 | 0.048 | 0.011 | 1.03 | 1.06 | 0.032 |
| STD R3A Expected | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | 0.011 | 1.04 | 1.08 | 0.04 |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |



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CMC Metals Ltd.

205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project:

Silverhart

Report Date:

November 08, 2007

Page:

1 of 2

Part 2

QUALITY CONTROL REPORT

VAN07000359.1

| Method | | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|--------|--------|--------|------|
| Analyte | | K | W | Hg | Ag |
| Unit | | % | % | % | GM/T |
| MDL | | 0.001 | 0.001 | 0.001 | 2 |
| Pulp Duplicates | | | | | |
| 701018 | Drill Core | 0.311 | 0.010 | <0.001 | |
| REP 701018 | QC | 0.303 | 0.010 | <0.001 | |
| REP 701038 | QC | | | | <2 |
| 701048 | Drill Core | 0.004 | 0.182 | <0.001 | |
| REP 701048 | QC | 0.004 | 0.183 | <0.001 | |
| Core Reject Duplicates | | | | | |
| 701003 | Drill Core | 0.025 | 0.008 | <0.001 | |
| DUP 701003 | QC | 0.017 | 0.007 | <0.001 | <2 |
| 701038 | Drill Core | 0.015 | 0.018 | <0.001 | |
| DUP 701038 | QC | 0.015 | 0.019 | <0.001 | <2 |
| Reference Materials | | | | | |
| STD CCU-1C | Standard | | | | 113 |
| STD CZN-3 | Standard | | | | 38 |
| STD MP-2 | Standard | | | | <2 |
| STD PBC-1 | Standard | | | | 1885 |
| STD PTC-1A | Standard | | | | 41 |
| STD R3A | Standard | 0.427 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.427 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.421 | 0.021 | 0.003 | |
| STD R3A | Standard | 0.422 | 0.024 | 0.002 | |
| STD R3A Expected | | 0.41 | | 0.002 | |
| STD CZN-3 Expected | | | | | 45 |
| STD MP-2 Expected | | | | | 4.9 |
| STD PTC-1A Expected | | | | | 56 |
| STD CCU-1C Expected | | | | | 129 |
| STD PBC-1 Expected | | | | | 1800 |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |

QUALITY CONTROL REPORT

VAN07000359.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | | |
|-----|------------|--------|--------|-------|-------|------|--------|--------|------|------|-------|-------|--------|--------|-------|------|-------|--------|------|------|-------|--|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| | Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.001 | 0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 2.13 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 0.55 | 0.074 | <0.001 | 0.62 | 1.19 | 0.125 | |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 2.13 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 0.52 | 0.076 | <0.001 | 0.62 | 1.24 | 0.142 | |



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Project: Silverhart
Report Date: November 08, 2007

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN07000359.1

| | | 7AR | 7AR | 7AR | 7AR |
|-----------|------------|-------|--------|--------|------|
| | | K | W | Hg | Ag |
| | | % | % | % | GM/T |
| | | 0.001 | 0.001 | 0.001 | 2 |
| BLK | Blank | | | | <2 |
| Prep Wash | | | | | |
| G1 | Prep Blank | 0.576 | <0.001 | <0.001 | |
| G1 | Prep Blank | 0.597 | <0.001 | <0.001 | |



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Client: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By: Don Wedman
Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
Received: September 07, 2007
Report Date: November 07, 2007
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN07001088.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 50

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

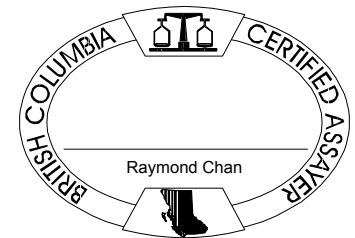
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 45 | Crush split and pulverize drill core to 150mesh | | |
| 7AR | 50 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |
| 7AR | 3 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 07, 2007

Page: 2 of 3 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07001088.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|--------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701051 | Drill Core | <0.001 | 0.014 | 0.43 | 3.28 | 63 | 0.002 | <0.001 | 1.33 | 6.43 | 0.01 | <0.001 | 0.011 | 0.002 | <0.01 | 0.18 | 0.045 | 0.003 | 0.17 | 0.70 | 0.008 |
| 701052 | Drill Core | <0.001 | 0.015 | 0.43 | 1.61 | 40 | 0.006 | 0.002 | 1.03 | 6.91 | 0.02 | 0.004 | 0.002 | 0.003 | <0.01 | 3.00 | 0.029 | 0.002 | 0.57 | 0.72 | 0.007 |
| 701053 | Drill Core | <0.001 | 0.013 | <0.01 | 0.07 | <2 | 0.005 | 0.002 | 0.06 | 5.08 | <0.01 | 0.018 | <0.001 | <0.001 | <0.01 | 4.94 | 0.033 | 0.005 | 0.86 | 3.55 | 0.252 |
| 701054 | Drill Core | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.004 | 0.001 | 0.04 | 3.29 | <0.01 | 0.016 | <0.001 | <0.001 | <0.01 | 2.59 | 0.038 | 0.005 | 0.90 | 3.48 | 0.273 |
| 701055 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.15 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 21.30 | 0.002 | <0.001 | 12.42 | 0.07 | 0.006 |
| 701056 | Drill Core | 0.006 | 0.001 | <0.01 | 0.07 | <2 | 0.002 | <0.001 | 0.54 | 7.04 | <0.01 | 0.014 | <0.001 | <0.001 | <0.01 | 12.76 | 0.041 | 0.003 | 0.74 | 2.23 | 0.005 |
| 701057 | Drill Core | 0.005 | <0.001 | <0.01 | 0.15 | <2 | 0.001 | <0.001 | 0.83 | 6.61 | <0.01 | 0.035 | <0.001 | <0.001 | <0.01 | 21.90 | 0.018 | <0.001 | 0.34 | 1.24 | 0.002 |
| 701058 | Drill Core | 0.016 | 0.004 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.60 | 10.63 | <0.01 | 0.011 | <0.001 | <0.001 | <0.01 | 15.70 | 0.055 | 0.002 | 0.43 | 2.19 | 0.004 |
| 701059 | Drill Core | <0.001 | 0.019 | 0.02 | 0.05 | 15 | 0.004 | 0.002 | 0.42 | 5.12 | <0.01 | 0.014 | <0.001 | 0.002 | <0.01 | 4.12 | 0.042 | 0.002 | 0.97 | 0.93 | 0.009 |
| 701060 | Rock Pulp | <0.001 | 0.490 | 1.51 | 2.87 | 20 | <0.001 | <0.001 | 0.42 | 2.52 | <0.01 | 0.007 | 0.018 | <0.001 | <0.01 | 4.05 | 0.016 | 0.001 | 0.32 | 0.47 | 0.047 |
| 701061 | Drill Core | 0.001 | 0.023 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.09 | 5.15 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 0.97 | 0.045 | 0.004 | 1.02 | 1.33 | 0.019 |
| 701062 | Drill Core | 0.002 | 0.019 | <0.01 | 0.01 | <2 | 0.004 | 0.001 | 0.07 | 4.62 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 0.87 | 0.033 | 0.004 | 1.34 | 2.32 | 0.026 |
| 701063 | Drill Core | 0.006 | 0.126 | <0.01 | 0.03 | <2 | 0.006 | 0.002 | 0.08 | 6.26 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 1.28 | 0.043 | 0.006 | 1.19 | 1.88 | 0.024 |
| 701064 | Drill Core | <0.001 | 0.012 | 0.27 | 0.70 | 31 | 0.006 | 0.002 | 1.48 | 8.57 | 0.02 | 0.004 | 0.002 | 0.004 | <0.01 | 1.11 | 0.100 | 0.003 | 0.61 | 1.31 | 0.023 |
| 701065 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.14 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 20.52 | 0.002 | <0.001 | 12.48 | 0.04 | 0.003 |
| 701066 | Drill Core | <0.001 | 0.008 | <0.01 | 0.09 | <2 | 0.005 | 0.001 | 0.07 | 3.32 | <0.01 | 0.020 | <0.001 | <0.001 | <0.01 | 3.77 | 0.055 | 0.005 | 0.88 | 2.55 | 0.148 |
| 701067 | Drill Core | <0.001 | 0.018 | 0.25 | 0.62 | 22 | 0.003 | <0.001 | 0.22 | 3.51 | <0.01 | 0.024 | 0.002 | 0.002 | <0.01 | 6.03 | 0.035 | 0.005 | 1.24 | 2.43 | 0.180 |
| 701068 | Drill Core | <0.001 | 0.018 | <0.01 | 0.07 | <2 | 0.003 | <0.001 | 0.11 | 3.20 | <0.01 | 0.028 | <0.001 | <0.001 | <0.01 | 5.60 | 0.032 | 0.003 | 0.67 | 2.36 | 0.234 |
| 701069 | Drill Core | <0.001 | 0.013 | <0.01 | 0.05 | <2 | 0.004 | <0.001 | 0.15 | 3.62 | <0.01 | 0.027 | <0.001 | <0.001 | <0.01 | 5.41 | 0.036 | 0.006 | 0.85 | 3.28 | 0.236 |
| 701070 | Rock Pulp | <0.001 | 0.468 | 1.52 | 2.90 | 20 | <0.001 | <0.001 | 0.40 | 2.56 | <0.01 | 0.007 | 0.018 | <0.001 | <0.01 | 3.91 | 0.016 | 0.001 | 0.32 | 0.49 | 0.048 |
| 701071 | Drill Core | 0.002 | 0.009 | <0.01 | 0.20 | <2 | 0.003 | 0.001 | 0.20 | 5.31 | <0.01 | 0.013 | <0.001 | 0.001 | <0.01 | 6.92 | 0.048 | 0.003 | 0.53 | 1.60 | 0.022 |
| 701072 | Drill Core | <0.001 | 0.021 | 2.64 | 1.45 | 146 | 0.003 | 0.001 | 1.18 | 4.99 | <0.01 | 0.004 | 0.004 | 0.015 | <0.01 | 1.61 | 0.252 | 0.001 | 0.34 | 0.76 | 0.010 |
| 701073 | Drill Core | <0.001 | 0.008 | <0.01 | 0.08 | <2 | 0.003 | <0.001 | 0.17 | 3.64 | <0.01 | 0.037 | <0.001 | <0.001 | <0.01 | 7.95 | 0.060 | 0.006 | 0.93 | 3.58 | 0.230 |
| 701074 | Drill Core | 0.006 | 0.010 | 0.03 | 0.11 | 4 | 0.002 | <0.001 | 0.54 | 7.91 | <0.01 | 0.016 | <0.001 | <0.001 | <0.01 | 11.89 | 0.109 | 0.002 | 0.59 | 1.98 | 0.005 |
| 701075 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.12 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 19.95 | 0.002 | <0.001 | 12.80 | 0.05 | 0.004 |
| 701076 | Drill Core | <0.001 | 0.080 | 7.64 | 4.78 | 1000 | 0.001 | 0.001 | 1.41 | 10.89 | 0.05 | 0.014 | 0.015 | 0.099 | <0.01 | 10.16 | 0.082 | <0.001 | 0.35 | 1.07 | 0.005 |
| 701077 | Drill Core | <0.001 | <0.001 | <0.01 | 0.01 | 3 | 0.002 | <0.001 | 0.49 | 8.63 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 14.49 | 0.023 | 0.005 | 1.22 | 2.35 | 0.016 |
| 701078 | Drill Core | <0.001 | 0.079 | 11.17 | 4.46 | 1650 | <0.001 | <0.001 | 0.73 | 4.94 | <0.01 | 0.003 | 0.016 | 0.251 | <0.01 | 4.48 | 0.006 | <0.001 | 0.18 | 0.58 | 0.004 |
| 701079 | Drill Core | <0.001 | <0.001 | 0.04 | 0.01 | 5 | 0.001 | <0.001 | 0.52 | 11.66 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 15.97 | 0.022 | 0.003 | 0.34 | 2.06 | 0.005 |
| 701080 | Rock Pulp | <0.001 | 0.494 | 1.51 | 2.81 | 18 | <0.001 | <0.001 | 0.41 | 2.29 | <0.01 | 0.006 | 0.016 | <0.001 | <0.01 | 3.94 | 0.014 | <0.001 | 0.31 | 0.48 | 0.051 |



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Project: Silverhart
Report Date: November 07, 2007

Page: 2 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07001088.1

| Method | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|-------------|
| Analyte | K | W | Hg | Ag |
| Unit | % | % | % | GM/T |
| MDL | 0.001 | 0.001 | 0.001 | 2 |
| 701051 | Drill Core | 0.455 | 0.002 | <0.001 |
| 701052 | Drill Core | 0.547 | <0.001 | <0.001 |
| 701053 | Drill Core | 0.306 | <0.001 | <0.001 |
| 701054 | Drill Core | 0.379 | <0.001 | <0.001 |
| 701055 | Rock | 0.015 | <0.001 | <0.001 |
| 701056 | Drill Core | 0.071 | 0.207 | <0.001 |
| 701057 | Drill Core | 0.007 | 0.071 | <0.001 |
| 701058 | Drill Core | 0.007 | 0.180 | <0.001 |
| 701059 | Drill Core | 0.396 | 0.007 | <0.001 |
| 701060 | Rock Pulp | 0.345 | 0.003 | <0.001 |
| 701061 | Drill Core | 0.362 | 0.030 | <0.001 |
| 701062 | Drill Core | 0.398 | <0.001 | <0.001 |
| 701063 | Drill Core | 0.355 | 0.002 | <0.001 |
| 701064 | Drill Core | 0.558 | 0.005 | <0.001 |
| 701065 | Rock | 0.013 | <0.001 | <0.001 |
| 701066 | Drill Core | 0.385 | 0.007 | <0.001 |
| 701067 | Drill Core | 0.342 | 0.028 | <0.001 |
| 701068 | Drill Core | 0.299 | 0.004 | <0.001 |
| 701069 | Drill Core | 0.184 | 0.018 | <0.001 |
| 701070 | Rock Pulp | 0.346 | 0.001 | <0.001 |
| 701071 | Drill Core | 0.381 | 0.210 | <0.001 |
| 701072 | Drill Core | 0.544 | 0.036 | <0.001 |
| 701073 | Drill Core | 0.279 | 0.012 | <0.001 |
| 701074 | Drill Core | 0.208 | 0.254 | <0.001 |
| 701075 | Rock | 0.010 | 0.004 | <0.001 |
| 701076 | Drill Core | 0.147 | 0.023 | <0.001 849 |
| 701077 | Drill Core | 0.037 | 0.005 | <0.001 |
| 701078 | Drill Core | 0.045 | 0.009 | <0.001 3806 |
| 701079 | Drill Core | 0.012 | 0.042 | <0.001 |
| 701080 | Rock Pulp | 0.393 | <0.001 | <0.001 |



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Project: Silverhart
 Report Date: November 07, 2007

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN07001088.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701081 | Drill Core | <0.001 | 0.002 | 0.20 | 0.02 | 16 | <0.001 | <0.001 | 0.57 | 11.84 | <0.01 | 0.005 | <0.001 | 0.002 | <0.01 | 17.01 | 0.015 | 0.002 | 0.31 | 2.29 | 0.005 |
| 701082 | Drill Core | <0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.29 | 3.43 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 8.31 | 0.043 | 0.005 | 0.64 | 2.20 | 0.003 |
| 701083 | Drill Core | <0.001 | 0.004 | 0.07 | 0.44 | <2 | 0.002 | <0.001 | 0.74 | 5.91 | <0.01 | 0.009 | 0.002 | <0.001 | <0.01 | 8.82 | 0.075 | 0.003 | 0.61 | 2.58 | 0.004 |
| 701084 | Drill Core | 0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.002 | <0.001 | 0.44 | 4.53 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 11.35 | 0.080 | 0.003 | 0.58 | 2.85 | 0.007 |
| 701085 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.12 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 25.51 | 0.003 | <0.001 | 12.32 | 0.03 | 0.004 |
| 701086 | Drill Core | <0.001 | 0.003 | 0.06 | 0.23 | 3 | 0.005 | <0.001 | 0.61 | 3.50 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 7.73 | 0.052 | 0.005 | 0.99 | 2.37 | 0.015 |
| 701087 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.33 | 2.89 | <0.01 | 0.012 | <0.001 | <0.001 | <0.01 | 9.76 | 0.022 | 0.003 | 0.60 | 3.08 | 0.023 |
| 701088 | Drill Core | <0.001 | 0.052 | 6.13 | 2.46 | 529 | 0.002 | <0.001 | 1.46 | 5.48 | <0.01 | 0.013 | 0.009 | 0.059 | <0.01 | 7.64 | 0.022 | 0.003 | 0.53 | 2.09 | 0.016 |
| 701089 | Drill Core | <0.001 | <0.001 | 0.02 | 0.01 | 2 | 0.001 | <0.001 | 0.24 | 2.41 | <0.01 | 0.069 | <0.001 | <0.001 | <0.01 | 8.63 | 0.034 | 0.003 | 0.60 | 4.47 | 0.097 |
| 701090 | Rock Pulp | <0.001 | 0.476 | 1.49 | 2.94 | 18 | <0.001 | <0.001 | 0.44 | 2.36 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 4.02 | 0.016 | <0.001 | 0.30 | 0.56 | 0.076 |
| 701091 | Drill Core | 0.008 | 0.010 | 0.03 | 0.03 | <2 | <0.001 | <0.001 | 0.36 | 11.67 | <0.01 | 0.011 | <0.001 | <0.001 | <0.01 | 19.81 | 0.070 | <0.001 | 0.24 | 1.48 | 0.005 |
| 701092 | Drill Core | 0.003 | 0.016 | <0.01 | <0.01 | <2 | 0.001 | 0.002 | 0.39 | 12.82 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 19.04 | 0.028 | 0.002 | 0.17 | 1.69 | 0.006 |
| 701093 | Drill Core | 0.002 | 0.078 | <0.01 | 0.01 | <2 | 0.003 | 0.004 | 0.22 | 9.29 | <0.01 | 0.019 | <0.001 | <0.001 | <0.01 | 7.63 | 0.075 | 0.003 | 0.41 | 4.14 | 0.155 |
| 701094 | Drill Core | <0.001 | 0.005 | 0.02 | 0.07 | 3 | 0.004 | 0.001 | 0.22 | 4.40 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 1.62 | 0.172 | 0.002 | 1.08 | 1.84 | 0.029 |
| 701095 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.16 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 26.46 | 0.003 | <0.001 | 12.41 | 0.04 | 0.003 |
| 701096 | Drill Core | <0.001 | 0.004 | 0.02 | 0.09 | 2 | 0.004 | 0.001 | 0.17 | 4.45 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 0.80 | 0.033 | 0.003 | 1.12 | 1.74 | 0.032 |
| 701097 | Drill Core | <0.001 | 0.004 | <0.01 | 0.01 | <2 | 0.005 | 0.002 | 0.04 | 5.53 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 0.67 | 0.028 | 0.005 | 1.51 | 3.28 | 0.030 |
| 701098 | Drill Core | <0.001 | 0.005 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.05 | 3.20 | <0.01 | 0.016 | <0.001 | <0.001 | <0.01 | 3.02 | 0.030 | <0.001 | 0.90 | 0.75 | 0.015 |
| 701099 | Drill Core | <0.001 | 0.006 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.06 | 2.32 | <0.01 | 0.023 | <0.001 | <0.001 | <0.01 | 4.20 | 0.049 | <0.001 | 0.76 | 0.90 | 0.007 |
| 701100 | Rock Pulp | <0.001 | 0.462 | 1.45 | 2.88 | 18 | <0.001 | <0.001 | 0.42 | 2.23 | <0.01 | 0.007 | 0.016 | 0.001 | <0.01 | 3.88 | 0.015 | <0.001 | 0.29 | 0.51 | 0.061 |



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: November 07, 2007

Page: 3 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07001088.1

| Method | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|------------|
| Analyte | K | W | Hg | Ag |
| Unit | % | % | % | GM/T |
| MDL | 0.001 | 0.001 | 0.001 | 2 |
| 701081 | Drill Core | 0.015 | 0.055 | <0.001 |
| 701082 | Drill Core | 0.005 | 0.009 | <0.001 |
| 701083 | Drill Core | 0.067 | 0.014 | <0.001 |
| 701084 | Drill Core | 0.014 | 0.025 | <0.001 |
| 701085 | Rock | 0.012 | <0.001 | <0.001 |
| 701086 | Drill Core | 0.125 | <0.001 | <0.001 |
| 701087 | Drill Core | 0.027 | 0.015 | <0.001 |
| 701088 | Drill Core | 0.375 | <0.001 | <0.001 473 |
| 701089 | Drill Core | 0.058 | 0.003 | <0.001 |
| 701090 | Rock Pulp | 0.347 | <0.001 | <0.001 |
| 701091 | Drill Core | 0.024 | 0.015 | <0.001 |
| 701092 | Drill Core | 0.015 | 0.003 | <0.001 |
| 701093 | Drill Core | 0.077 | 0.021 | <0.001 |
| 701094 | Drill Core | 0.940 | <0.001 | <0.001 |
| 701095 | Rock | 0.014 | <0.001 | <0.001 |
| 701096 | Drill Core | 0.713 | <0.001 | <0.001 |
| 701097 | Drill Core | 0.974 | <0.001 | <0.001 |
| 701098 | Drill Core | 0.484 | <0.001 | <0.001 |
| 701099 | Drill Core | 0.501 | <0.001 | <0.001 |
| 701100 | Rock Pulp | 0.327 | <0.001 | <0.001 |



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Project: Silverhart
 Report Date: November 07, 2007

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN07001088.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|--------|--------|-------|------|------|-------|--------|------|-------|-------|-------|--------|--------|-------|-------|-------|-------|------|------|-------|
| Analyte | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701077 | Drill Core | <0.001 | <0.001 | <0.01 | 0.01 | 3 | 0.002 | <0.001 | 0.49 | 8.63 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 14.49 | 0.023 | 0.005 | 1.22 | 2.35 | 0.016 |
| REP 701077 | QC | <0.001 | <0.001 | 0.01 | 0.01 | <2 | 0.001 | <0.001 | 0.50 | 8.72 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 14.46 | 0.023 | 0.005 | 1.22 | 2.35 | 0.017 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701071 | Drill Core | 0.002 | 0.009 | <0.01 | 0.20 | <2 | 0.003 | 0.001 | 0.20 | 5.31 | <0.01 | 0.013 | <0.001 | 0.001 | <0.01 | 6.92 | 0.048 | 0.003 | 0.53 | 1.60 | 0.022 |
| DUP 701071 | QC | 0.003 | 0.010 | <0.01 | 0.19 | <2 | 0.003 | 0.001 | 0.22 | 5.60 | <0.01 | 0.013 | <0.001 | <0.001 | <0.01 | 7.61 | 0.055 | 0.004 | 0.51 | 1.60 | 0.020 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.070 | 0.811 | 2.08 | 3.85 | 195 | 0.525 | 0.062 | 0.06 | 29.11 | 0.04 | 0.003 | 0.023 | 0.036 | <0.01 | 1.28 | 0.045 | 0.010 | 0.99 | 1.06 | 0.037 |
| STD R3A | Standard | 0.069 | 0.779 | 2.08 | 3.90 | 194 | 0.538 | 0.063 | 0.06 | 28.81 | 0.04 | 0.003 | 0.024 | 0.035 | <0.01 | 1.28 | 0.044 | 0.011 | 1.00 | 1.07 | 0.038 |
| STD R3A | Standard | 0.071 | 0.798 | 2.02 | 3.83 | 196 | 0.527 | 0.062 | 0.07 | 30.36 | 0.04 | 0.003 | 0.024 | 0.037 | <0.01 | 1.29 | 0.047 | 0.011 | 1.00 | 1.05 | 0.034 |
| STD R3A | Standard | 0.075 | 0.813 | 2.07 | 3.86 | 206 | 0.535 | 0.064 | 0.07 | 30.50 | 0.04 | 0.003 | 0.025 | 0.039 | <0.01 | 1.30 | 0.049 | 0.012 | 1.02 | 1.05 | 0.035 |
| STD R3A | Standard | 0.070 | 0.822 | 1.97 | 3.90 | 196 | 0.522 | 0.059 | 0.07 | 29.31 | 0.04 | 0.003 | 0.022 | 0.032 | <0.01 | 1.33 | 0.048 | 0.012 | 1.04 | 1.10 | 0.042 |
| STD R3A | Standard | 0.069 | 0.781 | 2.05 | 4.06 | 194 | 0.541 | 0.061 | 0.07 | 30.88 | 0.04 | 0.003 | 0.023 | 0.030 | <0.01 | 1.34 | 0.047 | 0.012 | 1.06 | 1.14 | 0.043 |
| STD R3A | Standard | 0.070 | 0.822 | 1.97 | 3.90 | 196 | 0.522 | 0.059 | 0.07 | 29.31 | 0.04 | 0.003 | 0.022 | 0.032 | <0.01 | 1.33 | 0.048 | 0.012 | 1.04 | 1.10 | 0.042 |
| STD R3A | Standard | 0.069 | 0.781 | 2.05 | 4.06 | 194 | 0.541 | 0.061 | 0.07 | 30.88 | 0.04 | 0.003 | 0.023 | 0.030 | <0.01 | 1.34 | 0.047 | 0.012 | 1.06 | 1.14 | 0.043 |
| STD R3A Expected | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | 0.011 | 1.04 | 1.08 | 0.04 |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |



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Project: Silverhart
Report Date: November 07, 2007

Page: 1 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN07001088.1

| Method | | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|-------|--------|--------|------|
| Analyte | | K | W | Hg | Ag |
| Unit | | % | % | % | GM/T |
| MDL | | 0.001 | 0.001 | 0.001 | 2 |
| Pulp Duplicates | | | | | |
| 701077 | Drill Core | 0.037 | 0.005 | <0.001 | |
| REP 701077 | QC | 0.041 | 0.005 | <0.001 | |
| Core Reject Duplicates | | | | | |
| 701071 | Drill Core | 0.381 | 0.210 | <0.001 | |
| DUP 701071 | QC | 0.359 | 0.227 | <0.001 | |
| Reference Materials | | | | | |
| STD CCU-1C | Standard | | | | 129 |
| STD CCU-1C | Standard | | | | 118 |
| STD CZN-3 | Standard | | | | 30 |
| STD CZN-3 | Standard | | | | 39 |
| STD MP-2 | Standard | | | | <2 |
| STD MP-2 | Standard | | | | 12 |
| STD PBC-1 | Standard | | | | 1734 |
| STD PBC-1 | Standard | | | | 1720 |
| STD PTC-1A | Standard | | | | 51 |
| STD PTC-1A | Standard | | | | 58 |
| STD R3A | Standard | 0.493 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.498 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.425 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.440 | 0.004 | 0.002 | |
| STD R3A | Standard | 0.414 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.420 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.414 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.420 | <0.001 | 0.002 | |
| STD R3A Expected | | 0.41 | | 0.002 | |
| STD CZN-3 Expected | | | | | 45 |
| STD MP-2 Expected | | | | | 4.9 |
| STD PTC-1A Expected | | | | | 56 |



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Report Date: November 07, 2007

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN07001088.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------------------|------------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|--------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.92 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.54 | 0.074 | 0.005 | 0.64 | 1.25 | 0.141 |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.05 | 1.90 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.55 | 0.074 | <0.001 | 0.62 | 1.22 | 0.126 |



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Report Date: November 07, 2007

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN07001088.1

| | | 7AR K % | 7AR W % | 7AR Hg % | 7AR Ag GM/T |
|---------------------|------------|---------------|---------------|----------------|-------------------|
| | | 0.001 | 0.001 | 0.001 | 2 |
| STD CCU-1C Expected | | | | | 129 |
| STD PBC-1 Expected | | | | | 1800 |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | | | | <2 |
| BLK | Blank | | | | <2 |
| Prep Wash | | | | | |
| G1 | Prep Blank | 0.616 | <0.001 | <0.001 | |
| G1 | Prep Blank | 0.596 | <0.001 | <0.001 | |



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Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
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Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

September 12, 2007

Report Date:

December 04, 2007

Page:

1 of 3

CERTIFICATE OF ANALYSIS

VAN07001417.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 50

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

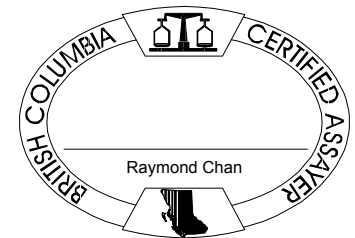
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 45 | Crush split and pulverize drill core to 150mesh | | |
| 7AR | 50 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |
| 7AR | 1 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Silverhart
 Report Date: December 04, 2007

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CERTIFICATE OF ANALYSIS

VAN07001417.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701101 | Drill Core | <0.001 | 0.002 | <0.01 | 0.03 | <2 | 0.003 | 0.002 | 0.09 | 3.62 | <0.01 | 0.021 | <0.001 | <0.001 | <0.01 | 3.62 | 0.029 | 0.005 | 0.69 | 1.86 | 0.116 |
| 701102 | Drill Core | <0.001 | 0.004 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.05 | <0.01 | 0.012 | <0.001 | <0.001 | <0.01 | 2.09 | 0.106 | 0.011 | 0.94 | 2.62 | 0.169 |
| 701103 | Drill Core | <0.001 | 0.007 | <0.01 | 0.02 | <2 | 0.005 | 0.002 | 0.04 | 5.40 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 1.23 | 0.028 | 0.008 | 1.34 | 2.53 | 0.136 |
| 701104 | Drill Core | <0.001 | 0.011 | <0.01 | 0.12 | <2 | 0.004 | 0.002 | 0.10 | 4.78 | <0.01 | 0.008 | <0.001 | 0.001 | <0.01 | 2.09 | 0.021 | 0.010 | 0.69 | 2.33 | 0.111 |
| 701105 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.16 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.19 | 0.002 | <0.001 | 12.21 | 0.05 | 0.005 |
| 701106 | Drill Core | <0.001 | 0.006 | <0.01 | 0.01 | <2 | 0.003 | 0.002 | 0.08 | 3.32 | <0.01 | 0.019 | <0.001 | <0.001 | <0.01 | 2.74 | 0.025 | 0.010 | 0.80 | 2.49 | 0.262 |
| 701107 | Drill Core | <0.001 | 0.004 | <0.01 | <0.01 | <2 | 0.002 | 0.001 | 0.04 | 2.41 | <0.01 | 0.014 | <0.001 | <0.001 | <0.01 | 2.30 | 0.019 | 0.005 | 0.86 | 1.83 | 0.308 |
| 701108 | Drill Core | <0.001 | 0.012 | 0.05 | 0.06 | 4 | 0.003 | 0.002 | 0.13 | 3.76 | <0.01 | 0.012 | <0.001 | 0.001 | <0.01 | 2.52 | 0.034 | 0.010 | 0.79 | 1.94 | 0.179 |
| 701109 | Drill Core | <0.001 | 0.008 | 0.11 | 0.24 | 11 | 0.003 | 0.001 | 0.75 | 4.70 | <0.01 | 0.008 | <0.001 | 0.003 | <0.01 | 1.97 | 0.024 | 0.004 | 0.72 | 1.79 | 0.045 |
| 701110 | Rock Pulp | <0.001 | 0.467 | 1.35 | 2.78 | 18 | <0.001 | <0.001 | 0.40 | 2.42 | <0.01 | 0.008 | 0.017 | <0.001 | <0.01 | 3.87 | 0.015 | 0.001 | 0.30 | 0.76 | 0.183 |
| 701111 | Drill Core | 0.002 | 0.012 | 0.84 | 2.12 | 52 | 0.003 | 0.001 | 2.23 | 7.02 | <0.01 | 0.004 | 0.007 | 0.007 | <0.01 | 1.75 | 0.025 | 0.006 | 0.53 | 2.09 | 0.014 |
| 701112 | Drill Core | <0.001 | 0.006 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.29 | 2.74 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 5.78 | 0.036 | 0.005 | 0.63 | 1.58 | 0.055 |
| 701113 | Drill Core | <0.001 | 0.012 | 0.18 | 0.53 | 22 | 0.003 | 0.002 | 1.22 | 4.77 | <0.01 | 0.006 | 0.002 | 0.006 | <0.01 | 2.31 | 0.031 | 0.007 | 0.53 | 2.08 | 0.016 |
| 701114 | Drill Core | <0.001 | 0.016 | 0.04 | 0.08 | 12 | 0.003 | 0.001 | 0.42 | 3.97 | <0.01 | 0.010 | <0.001 | 0.003 | <0.01 | 3.34 | 0.051 | 0.005 | 0.84 | 1.12 | 0.031 |
| 701115 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.02 | 0.16 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 22.95 | 0.002 | <0.001 | 12.13 | 0.04 | 0.003 |
| 701116 | Drill Core | <0.001 | 0.013 | 0.17 | 0.25 | 37 | 0.003 | <0.001 | 0.56 | 3.60 | <0.01 | 0.011 | <0.001 | 0.006 | <0.01 | 4.24 | 0.022 | 0.004 | 0.81 | 0.73 | 0.005 |
| 701117 | Drill Core | <0.001 | 0.017 | <0.01 | 0.07 | 2 | 0.003 | 0.002 | 0.13 | 3.28 | <0.01 | 0.014 | <0.001 | 0.001 | <0.01 | 4.39 | 0.026 | 0.003 | 1.11 | 1.07 | 0.017 |
| 701118 | Drill Core | <0.001 | 0.001 | 0.19 | 0.52 | 11 | 0.002 | <0.001 | 2.45 | 6.68 | <0.01 | 0.001 | 0.001 | <0.001 | <0.01 | 0.40 | 0.026 | 0.004 | 0.38 | 0.49 | 0.003 |
| 701119 | Drill Core | <0.001 | 0.004 | 0.34 | 1.80 | 18 | 0.001 | <0.001 | 2.94 | 8.61 | 0.02 | <0.001 | 0.006 | <0.001 | <0.01 | 0.21 | 0.022 | <0.001 | 0.22 | 0.38 | 0.003 |
| 701120 | Rock Pulp | <0.001 | 0.475 | 1.42 | 2.80 | 20 | <0.001 | <0.001 | 0.41 | 2.48 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.92 | 0.016 | <0.001 | 0.32 | 0.51 | 0.066 |
| 701121 | Drill Core | <0.001 | 0.029 | 1.75 | 8.67 | 152 | <0.001 | <0.001 | 4.21 | 10.94 | <0.01 | <0.001 | 0.031 | 0.007 | <0.01 | 0.34 | 0.090 | 0.004 | 0.27 | 0.54 | 0.002 |
| 701122 | Drill Core | <0.001 | 0.002 | 3.20 | 2.06 | 97 | <0.001 | <0.001 | 3.83 | 15.33 | 0.03 | <0.001 | 0.007 | 0.006 | <0.01 | 0.21 | 0.016 | <0.001 | 0.21 | 0.42 | 0.004 |
| 701123 | Drill Core | <0.001 | 0.003 | 0.03 | 0.10 | <2 | 0.001 | <0.001 | 0.73 | 7.61 | <0.01 | 0.010 | <0.001 | <0.001 | <0.01 | 14.00 | 0.018 | 0.005 | 0.46 | 2.90 | 0.002 |
| 701124 | Drill Core | <0.001 | 0.003 | 0.06 | 0.05 | 2 | 0.002 | <0.001 | 0.50 | 4.82 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 11.20 | 0.023 | 0.004 | 0.45 | 2.50 | 0.002 |
| 701125 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.03 | 0.22 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.66 | 0.002 | <0.001 | 12.16 | 0.07 | 0.003 |
| 701126 | Drill Core | <0.001 | 0.047 | >4 | 8.57 | >300 | <0.001 | <0.001 | 0.60 | 2.71 | <0.01 | 0.005 | 0.028 | 0.195 | <0.01 | 3.53 | 0.032 | 0.002 | 0.22 | 0.73 | 0.002 |
| 701127 | Drill Core | <0.001 | <0.001 | 0.06 | 0.06 | 6 | 0.002 | <0.001 | 0.45 | 3.17 | <0.01 | 0.012 | <0.001 | 0.001 | <0.01 | 11.45 | 0.087 | 0.006 | 0.93 | 2.25 | 0.003 |
| 701128 | Drill Core | <0.001 | 0.010 | 0.60 | 10.34 | 225 | 0.001 | 0.002 | 6.34 | 19.79 | 0.29 | 0.004 | 0.030 | 0.003 | 0.05 | 1.33 | 0.010 | <0.001 | 0.28 | 0.18 | 0.002 |
| 701129 | Drill Core | <0.001 | 0.012 | 0.83 | 10.49 | 33 | <0.001 | 0.001 | 7.10 | 21.58 | 0.23 | <0.001 | 0.031 | 0.002 | <0.01 | 0.32 | <0.001 | 0.003 | 0.28 | 0.11 | 0.002 |
| 701130 | Rock Pulp | <0.001 | 0.473 | 1.38 | 2.84 | 22 | <0.001 | <0.001 | 0.42 | 2.49 | <0.01 | 0.007 | 0.017 | 0.001 | <0.01 | 3.92 | 0.016 | <0.001 | 0.32 | 0.51 | 0.063 |



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Project: Silverhart
Report Date: December 04, 2007

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CERTIFICATE OF ANALYSIS

VAN07001417.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|--------|------------|
| Analyte | K | W | Hg | Pb | Ag |
| Unit | % | % | % | % | GMT |
| MDL | 0.001 | 0.001 | 0.001 | 0.01 | 2 |
| 701101 | Drill Core | 0.878 | <0.001 | <0.001 | |
| 701102 | Drill Core | 0.740 | <0.001 | <0.001 | |
| 701103 | Drill Core | 0.976 | <0.001 | <0.001 | |
| 701104 | Drill Core | 0.736 | <0.001 | <0.001 | |
| 701105 | Rock | 0.018 | <0.001 | <0.001 | |
| 701106 | Drill Core | 0.567 | 0.003 | <0.001 | |
| 701107 | Drill Core | 0.380 | 0.003 | <0.001 | |
| 701108 | Drill Core | 0.652 | <0.001 | <0.001 | |
| 701109 | Drill Core | 0.969 | <0.001 | <0.001 | |
| 701110 | Rock Pulp | 0.511 | <0.001 | <0.001 | |
| 701111 | Drill Core | 1.177 | <0.001 | <0.001 | |
| 701112 | Drill Core | 0.165 | 0.001 | <0.001 | |
| 701113 | Drill Core | 1.216 | <0.001 | <0.001 | |
| 701114 | Drill Core | 0.552 | <0.001 | <0.001 | |
| 701115 | Rock | 0.034 | <0.001 | <0.001 | |
| 701116 | Drill Core | 0.480 | <0.001 | <0.001 | |
| 701117 | Drill Core | 0.438 | <0.001 | <0.001 | |
| 701118 | Drill Core | 0.400 | 0.002 | <0.001 | |
| 701119 | Drill Core | 0.322 | 0.002 | <0.001 | |
| 701120 | Rock Pulp | 0.339 | 0.006 | <0.001 | |
| 701121 | Drill Core | 0.350 | 0.023 | <0.001 | |
| 701122 | Drill Core | 0.306 | 0.008 | <0.001 | |
| 701123 | Drill Core | 0.074 | 0.003 | <0.001 | |
| 701124 | Drill Core | 0.020 | 0.003 | <0.001 | |
| 701125 | Rock | 0.011 | <0.001 | <0.001 | |
| 701126 | Drill Core | 0.061 | 0.015 | <0.001 | 40.98 2055 |
| 701127 | Drill Core | 0.120 | <0.001 | <0.001 | |
| 701128 | Drill Core | 0.059 | 0.017 | <0.001 | |
| 701129 | Drill Core | 0.050 | 0.013 | <0.001 | |
| 701130 | Rock Pulp | 0.341 | 0.007 | <0.001 | |



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Report Date: December 04, 2007

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CERTIFICATE OF ANALYSIS

VAN07001417.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701131 | Drill Core | <0.001 | 0.004 | 0.52 | 4.79 | 21 | <0.001 | <0.001 | 8.46 | 26.02 | 0.02 | <0.001 | 0.014 | <0.001 | <0.01 | 0.24 | 0.010 | <0.001 | 0.32 | 0.17 | 0.003 |
| 701132 | Drill Core | <0.001 | 0.001 | 0.06 | 3.21 | 10 | <0.001 | <0.001 | 9.34 | 29.76 | <0.01 | <0.001 | 0.009 | <0.001 | <0.01 | 0.18 | <0.001 | <0.001 | 0.33 | 0.09 | 0.001 |
| 701133 | Drill Core | <0.001 | 0.001 | 0.19 | 2.45 | 7 | <0.001 | <0.001 | 8.82 | 29.83 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.14 | <0.001 | <0.001 | 0.31 | 0.09 | 0.001 |
| 701134 | Drill Core | <0.001 | 0.009 | 1.07 | 3.26 | 19 | <0.001 | <0.001 | 8.99 | 27.68 | <0.01 | <0.001 | 0.010 | 0.002 | <0.01 | 0.16 | 0.009 | <0.001 | 0.29 | 0.12 | 0.006 |
| 701135 | Rock | <0.001 | 0.001 | <0.01 | 0.01 | <2 | <0.001 | <0.001 | 0.05 | 0.21 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.56 | 0.002 | <0.001 | 12.86 | 0.03 | 0.003 |
| 701136 | Drill Core | <0.001 | 0.005 | 1.21 | 3.25 | 23 | <0.001 | <0.001 | 10.61 | 29.79 | <0.01 | <0.001 | 0.011 | <0.001 | <0.01 | 0.27 | 0.042 | <0.001 | 0.30 | 0.14 | 0.006 |
| 701137 | Drill Core | <0.001 | 0.008 | 2.81 | 4.54 | 57 | <0.001 | <0.001 | 9.37 | 27.44 | <0.01 | <0.001 | 0.014 | 0.003 | <0.01 | 0.34 | 0.052 | <0.001 | 0.33 | 0.12 | 0.005 |
| 701138 | Drill Core | <0.001 | 0.005 | 0.58 | 2.56 | 14 | <0.001 | <0.001 | 12.17 | 31.41 | <0.01 | <0.001 | 0.009 | <0.001 | <0.01 | 0.19 | 0.016 | <0.001 | 0.29 | 0.13 | 0.006 |
| 701139 | Drill Core | <0.001 | 0.020 | 2.60 | 14.94 | 61 | <0.001 | <0.001 | 8.43 | 24.22 | <0.01 | <0.001 | 0.048 | 0.006 | <0.01 | 0.18 | 0.026 | <0.001 | 0.23 | 0.15 | 0.005 |
| 701140 | Rock Pulp | <0.001 | 0.465 | 1.40 | 2.89 | 20 | <0.001 | <0.001 | 0.41 | 2.44 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.94 | 0.016 | <0.001 | 0.31 | 0.52 | 0.070 |
| 701141 | Drill Core | <0.001 | 0.003 | 1.34 | 2.40 | 19 | <0.001 | <0.001 | 9.18 | 30.89 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.22 | 0.026 | <0.001 | 0.27 | 0.14 | 0.002 |
| 701142 | Drill Core | <0.001 | 0.004 | 1.18 | 2.79 | 18 | <0.001 | <0.001 | 9.65 | 30.00 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.21 | 0.023 | <0.001 | 0.28 | 0.11 | 0.003 |
| 701143 | Drill Core | <0.001 | 0.002 | 0.77 | 2.42 | 17 | <0.001 | <0.001 | 10.69 | 31.96 | <0.01 | <0.001 | 0.006 | <0.001 | <0.01 | 0.19 | 0.014 | <0.001 | 0.30 | 0.06 | 0.004 |
| 701144 | Drill Core | <0.001 | 0.002 | 0.42 | 1.18 | 6 | <0.001 | <0.001 | 6.94 | 22.04 | <0.01 | 0.076 | 0.003 | <0.001 | <0.01 | 13.75 | 0.011 | <0.001 | 0.20 | 0.14 | 0.002 |
| 701145 | Rock | <0.001 | <0.001 | <0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.12 | 0.44 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.76 | 0.001 | <0.001 | 12.83 | <0.01 | 0.002 |
| 701146 | Drill Core | 0.001 | <0.001 | 0.23 | 0.73 | 3 | <0.001 | <0.001 | 11.28 | 34.99 | <0.01 | 0.007 | 0.002 | <0.001 | <0.01 | 0.36 | 0.012 | <0.001 | 0.37 | 0.07 | 0.006 |
| 701147 | Drill Core | <0.001 | 0.002 | 0.32 | 2.54 | 7 | <0.001 | <0.001 | 10.11 | 31.71 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.46 | 0.022 | <0.001 | 0.36 | 0.11 | 0.005 |
| 701148 | Drill Core | <0.001 | 0.003 | 0.76 | 2.52 | 12 | <0.001 | <0.001 | 9.73 | 30.88 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.18 | 0.011 | <0.001 | 0.31 | 0.15 | 0.004 |
| 701149 | Drill Core | <0.001 | 0.002 | 0.38 | 3.86 | 10 | <0.001 | <0.001 | 10.07 | 27.05 | <0.01 | 0.002 | 0.010 | <0.001 | <0.01 | 0.70 | 0.053 | <0.001 | 0.37 | 0.31 | 0.006 |
| 701150 | Rock Pulp | <0.001 | 0.477 | 1.40 | 2.69 | 19 | <0.001 | <0.001 | 0.44 | 2.60 | <0.01 | 0.007 | 0.018 | <0.001 | <0.01 | 4.07 | 0.016 | 0.001 | 0.32 | 0.59 | 0.095 |



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Project: Silverhart
Report Date: December 04, 2007

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CERTIFICATE OF ANALYSIS

VAN07001417.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|--------|-----|
| Analyte | K | W | Hg | Pb | Ag |
| Unit | % | % | % | % | GMT |
| MDL | 0.001 | 0.001 | 0.001 | 0.01 | 2 |
| 701131 | Drill Core | 0.098 | 0.008 | <0.001 | |
| 701132 | Drill Core | 0.042 | 0.007 | <0.001 | |
| 701133 | Drill Core | 0.046 | 0.006 | <0.001 | |
| 701134 | Drill Core | 0.064 | <0.001 | <0.001 | |
| 701135 | Rock | 0.008 | <0.001 | <0.001 | |
| 701136 | Drill Core | 0.055 | <0.001 | <0.001 | |
| 701137 | Drill Core | 0.059 | <0.001 | <0.001 | |
| 701138 | Drill Core | 0.056 | <0.001 | <0.001 | |
| 701139 | Drill Core | 0.027 | <0.001 | <0.001 | |
| 701140 | Rock Pulp | 0.345 | <0.001 | <0.001 | |
| 701141 | Drill Core | 0.020 | 0.004 | <0.001 | |
| 701142 | Drill Core | 0.034 | 0.006 | <0.001 | |
| 701143 | Drill Core | 0.021 | 0.001 | <0.001 | |
| 701144 | Drill Core | 0.017 | 0.001 | <0.001 | |
| 701145 | Rock | 0.006 | <0.001 | <0.001 | |
| 701146 | Drill Core | 0.042 | 0.002 | <0.001 | |
| 701147 | Drill Core | 0.052 | 0.004 | <0.001 | |
| 701148 | Drill Core | 0.072 | 0.004 | <0.001 | |
| 701149 | Drill Core | 0.176 | <0.001 | <0.001 | |
| 701150 | Rock Pulp | 0.366 | 0.008 | <0.001 | |

QUALITY CONTROL REPORT

VAN07001417.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|------------------------|------------|--------|-------|------|------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|------|------|-------|
| Analyte | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701123 | Drill Core | <0.001 | 0.003 | 0.03 | 0.10 | <2 | 0.001 | <0.001 | 0.73 | 7.61 | <0.01 | 0.010 | <0.001 | <0.001 | <0.01 | 14.00 | 0.018 | 0.005 | 0.46 | 2.90 | 0.002 |
| REP 701123 | QC | <0.001 | 0.003 | 0.02 | 0.10 | <2 | 0.002 | <0.001 | 0.74 | 7.57 | <0.01 | 0.010 | <0.001 | <0.001 | <0.01 | 13.90 | 0.017 | 0.005 | 0.46 | 2.76 | 0.002 |
| 701140 | Rock Pulp | <0.001 | 0.465 | 1.40 | 2.89 | 20 | <0.001 | <0.001 | 0.41 | 2.44 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.94 | 0.016 | <0.001 | 0.31 | 0.52 | 0.070 |
| REP 701140 | QC | <0.001 | 0.471 | 1.37 | 2.84 | 18 | <0.001 | <0.001 | 0.41 | 2.43 | <0.01 | 0.007 | 0.017 | 0.001 | <0.01 | 3.94 | 0.015 | 0.001 | 0.31 | 0.52 | 0.069 |
| 701143 | Drill Core | <0.001 | 0.002 | 0.77 | 2.42 | 17 | <0.001 | <0.001 | 10.69 | 31.96 | <0.01 | <0.001 | 0.006 | <0.001 | <0.01 | 0.19 | 0.014 | <0.001 | 0.30 | 0.06 | 0.004 |
| REP 701143 | QC | | | 0.79 | | 18 | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701113 | Drill Core | <0.001 | 0.012 | 0.18 | 0.53 | 22 | 0.003 | 0.002 | 1.22 | 4.77 | <0.01 | 0.006 | 0.002 | 0.006 | <0.01 | 2.31 | 0.031 | 0.007 | 0.53 | 2.08 | 0.016 |
| DUP 701113 | QC | <0.001 | 0.012 | 0.19 | 0.59 | 22 | 0.002 | 0.001 | 1.30 | 4.85 | <0.01 | 0.006 | 0.002 | 0.005 | <0.01 | 2.48 | 0.032 | 0.002 | 0.51 | 0.53 | 0.007 |
| 701148 | Drill Core | <0.001 | 0.003 | 0.76 | 2.52 | 12 | <0.001 | <0.001 | 9.73 | 30.88 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.18 | 0.011 | <0.001 | 0.31 | 0.15 | 0.004 |
| DUP 701148 | QC | <0.001 | 0.003 | 0.75 | 2.48 | 12 | <0.001 | <0.001 | 9.83 | 31.36 | <0.01 | <0.001 | 0.008 | <0.001 | <0.01 | 0.19 | 0.011 | <0.001 | 0.30 | 0.16 | 0.004 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.076 | 0.809 | 1.96 | 4.01 | 199 | 0.533 | 0.063 | 0.07 | 31.60 | 0.04 | 0.003 | 0.024 | 0.033 | <0.01 | 1.30 | 0.049 | 0.011 | 1.04 | 1.10 | 0.041 |
| STD R3A | Standard | 0.076 | 0.801 | 1.96 | 4.00 | 200 | 0.531 | 0.062 | 0.07 | 31.46 | 0.04 | 0.003 | 0.024 | 0.033 | <0.01 | 1.29 | 0.049 | 0.011 | 1.04 | 1.09 | 0.040 |
| STD R3A | Standard | 0.076 | 0.832 | 2.00 | 3.95 | 197 | 0.534 | 0.061 | 0.07 | 31.73 | 0.04 | 0.003 | 0.023 | 0.032 | <0.01 | 1.31 | 0.049 | 0.012 | 1.06 | 1.11 | 0.041 |
| STD R3A | Standard | 0.076 | 0.844 | 1.97 | 4.12 | 203 | 0.531 | 0.062 | 0.07 | 31.61 | 0.04 | 0.003 | 0.023 | 0.032 | <0.01 | 1.34 | 0.049 | 0.012 | 1.05 | 1.10 | 0.039 |
| STD R3A | Standard | 0.075 | 0.803 | 1.94 | 3.94 | 198 | 0.524 | 0.062 | 0.07 | 30.99 | 0.04 | 0.003 | 0.023 | 0.034 | <0.01 | 1.31 | 0.048 | 0.014 | 1.05 | 1.14 | 0.053 |
| STD R3A | Standard | 0.077 | 0.812 | 1.98 | 4.01 | 200 | 0.534 | 0.063 | 0.07 | 31.57 | 0.04 | 0.003 | 0.024 | 0.037 | <0.01 | 1.32 | 0.049 | 0.014 | 1.07 | 1.19 | 0.059 |
| STD R3A | Standard | | | 1.96 | | 202 | | | | | | | | | | | | | | | |
| STD R3A | Standard | | | 1.98 | | 200 | | | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07001417.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|-------|--------|--------|-------|------|
| Analyte | | K | W | Hg | Pb | Ag |
| Unit | | % | % | % | % | GM/T |
| MDL | | 0.001 | 0.001 | 0.001 | 0.01 | 2 |
| Pulp Duplicates | | | | | | |
| 701123 | Drill Core | 0.074 | 0.003 | <0.001 | | |
| REP 701123 | QC | 0.076 | 0.002 | <0.001 | | |
| 701140 | Rock Pulp | 0.345 | <0.001 | <0.001 | | |
| REP 701140 | QC | 0.341 | <0.001 | <0.001 | | |
| 701143 | Drill Core | 0.021 | 0.001 | <0.001 | | |
| REP 701143 | QC | | | | | |
| Core Reject Duplicates | | | | | | |
| 701113 | Drill Core | 1.216 | <0.001 | <0.001 | | |
| DUP 701113 | QC | 0.388 | 0.002 | <0.001 | | |
| 701148 | Drill Core | 0.072 | 0.004 | <0.001 | | |
| DUP 701148 | QC | 0.077 | 0.003 | <0.001 | | |
| Reference Materials | | | | | | |
| STD CCU-1C | Standard | | | | 0.42 | 108 |
| STD CZN-3 | Standard | | | | 0.14 | 45 |
| STD MP-2 | Standard | | | | 0.05 | 3 |
| STD PBC-1 | Standard | | | | 28.41 | 1823 |
| STD PTC-1A | Standard | | | | 0.05 | 37 |
| STD R3A | Standard | 0.439 | <0.001 | 0.002 | | |
| STD R3A | Standard | 0.436 | <0.001 | 0.002 | | |
| STD R3A | Standard | 0.432 | 0.011 | 0.002 | | |
| STD R3A | Standard | 0.432 | 0.005 | 0.002 | | |
| STD R3A | Standard | 0.535 | <0.001 | 0.002 | | |
| STD R3A | Standard | 0.556 | <0.001 | 0.002 | | |
| STD R3A | Standard | | | | | |
| STD R3A | Standard | | | | | |
| STD CZN-3 Expected | | | | | 0.113 | 45 |
| STD MP-2 Expected | | | | | | 4.9 |
| STD PTC-1A Expected | | | | | 0.05 | 56 |

QUALITY CONTROL REPORT

VAN07001417.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------------------|------------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|--------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD R3A Expected | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | 0.011 | 1.04 | 1.08 | 0.04 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <0.01 | | <2 | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 2.00 | <0.01 | 0.011 | <0.001 | <0.001 | <0.01 | 0.62 | 0.076 | 0.003 | 0.61 | 1.61 | 0.367 |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.93 | <0.01 | 0.013 | <0.001 | <0.001 | <0.01 | 0.66 | 0.072 | 0.012 | 0.59 | 1.73 | 0.384 |

QUALITY CONTROL REPORT

VAN07001417.1

| | | 7AR K % | 7AR W % | 7AR Hg % | 7AR Pb % | 7AR Ag GM/T |
|---------------------|------------|---------------|---------------|----------------|----------------|-------------------|
| | | 0.001 | 0.001 | 0.001 | 0.01 | 2 |
| STD CCU-1C Expected | | | | | | 129 |
| STD PBC-1 Expected | | | | | 26.7 | 1800 |
| STD R3A Expected | | 0.41 | | 0.002 | | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | |
| BLK | Blank | | | | <0.01 | <2 |
| BLK | Blank | | | | | |
| Prep Wash | | | | | | |
| G1 | Prep Blank | 0.914 | <0.001 | <0.001 | | |
| G1 | Prep Blank | 0.915 | <0.001 | <0.001 | | |



ACME ANALYTICAL LABORATORIES LTD.

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www.acmelab.com

Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

September 12, 2007

Report Date:

December 06, 2007

Page:

1 of 3

CERTIFICATE OF ANALYSIS

VAN07001418.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 60

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

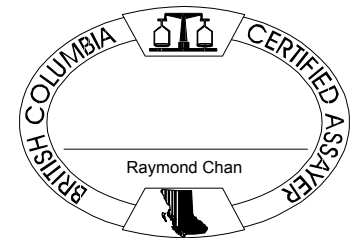
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 54 | Crush split and pulverize drill core to 150mesh | | |
| 7AR | 60 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC: Farrell Andersen



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: December 06, 2007

Page: 2 of 3 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07001418.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|--------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701151 | Drill Core | 0.004 | <0.001 | 0.02 | 0.05 | <2 | 0.002 | <0.001 | 0.64 | 4.54 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 9.39 | 0.021 | 0.009 | 0.30 | 1.99 | 0.004 |
| 701152 | Drill Core | 0.001 | 0.002 | <0.01 | 0.17 | 10 | 0.001 | <0.001 | 0.39 | 3.24 | <0.01 | 0.024 | <0.001 | <0.001 | <0.01 | 10.63 | 0.054 | 0.005 | 0.35 | 1.63 | 0.006 |
| 701153 | Drill Core | <0.001 | <0.001 | <0.01 | 0.24 | 6 | 0.002 | <0.001 | 0.58 | 3.26 | <0.01 | 0.006 | 0.001 | <0.001 | <0.01 | 8.78 | 0.140 | 0.009 | 0.26 | 2.24 | 0.001 |
| 701154 | Drill Core | <0.001 | <0.001 | <0.01 | 0.40 | 5 | 0.002 | <0.001 | 0.86 | 3.67 | <0.01 | 0.004 | 0.002 | <0.001 | <0.01 | 6.85 | 0.108 | 0.009 | 0.27 | 2.40 | 0.001 |
| 701155 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.03 | 0.14 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.56 | 0.004 | <0.001 | 12.47 | 0.03 | 0.003 |
| 701156 | Drill Core | <0.001 | <0.001 | <0.01 | 0.25 | <2 | 0.002 | <0.001 | 0.62 | 3.35 | <0.01 | 0.005 | 0.001 | <0.001 | <0.01 | 8.70 | 0.069 | 0.008 | 0.36 | 2.52 | 0.001 |
| 701157 | Drill Core | <0.001 | <0.001 | <0.01 | 0.10 | <2 | 0.001 | <0.001 | 0.45 | 2.05 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 7.23 | 0.100 | 0.005 | 0.33 | 1.84 | 0.004 |
| 701158 | Drill Core | <0.001 | <0.001 | <0.01 | 0.13 | <2 | <0.001 | <0.001 | 0.30 | 1.29 | <0.01 | 0.055 | <0.001 | <0.001 | <0.01 | 16.12 | 0.061 | 0.005 | 0.25 | 1.15 | <0.001 |
| 701159 | Drill Core | <0.001 | <0.001 | <0.01 | 0.10 | 3 | <0.001 | <0.001 | 0.26 | 0.62 | <0.01 | 0.135 | <0.001 | <0.001 | <0.01 | 31.97 | 0.035 | <0.001 | 0.12 | 0.31 | <0.001 |
| 701160 | Rock Pulp | <0.001 | 0.466 | 1.33 | 2.88 | 19 | <0.001 | <0.001 | 0.43 | 2.46 | <0.01 | 0.008 | 0.017 | <0.001 | <0.01 | 4.17 | 0.016 | 0.001 | 0.29 | 0.50 | 0.059 |
| 701161 | Drill Core | <0.001 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.16 | 0.97 | 0.01 | 0.106 | <0.001 | <0.001 | <0.01 | 28.56 | 0.045 | 0.004 | 0.14 | 0.24 | 0.001 |
| 701162 | Drill Core | 0.005 | 0.003 | 0.41 | 2.65 | 15 | <0.001 | <0.001 | 4.76 | 32.93 | 0.02 | 0.032 | 0.012 | 0.001 | <0.01 | 3.69 | 0.029 | 0.002 | 0.03 | 0.52 | 0.004 |
| 701163 | Drill Core | 0.006 | 0.012 | 0.86 | 3.56 | 65 | <0.001 | <0.001 | 6.17 | 36.82 | 0.11 | 0.016 | 0.019 | 0.004 | <0.01 | 0.51 | 0.044 | 0.002 | 0.02 | 0.55 | 0.004 |
| 701164 | Rock | 0.003 | 0.041 | 0.83 | 2.86 | 72 | <0.001 | <0.001 | 1.34 | 20.17 | 0.09 | 0.003 | 0.005 | 0.010 | <0.01 | 0.28 | 0.077 | 0.006 | 0.05 | 1.13 | 0.003 |
| 701165 | Rock | <0.001 | <0.001 | <0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.03 | 0.27 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 21.35 | 0.003 | <0.001 | 12.40 | 0.02 | 0.003 |
| 701166 | Drill Core | 0.004 | 0.008 | 0.67 | 2.34 | 43 | 0.005 | 0.002 | 7.47 | 21.33 | 0.08 | 0.022 | 0.016 | 0.001 | <0.01 | 0.20 | 0.083 | 0.009 | 0.06 | 0.91 | 0.008 |
| 701167 | Drill Core | 0.006 | 0.004 | 0.27 | 3.47 | 50 | 0.003 | 0.002 | 7.80 | 11.67 | 0.03 | 0.027 | 0.018 | <0.001 | <0.01 | 1.19 | 0.119 | 0.008 | 0.78 | 0.86 | 0.006 |
| 701168 | Drill Core | 0.004 | 0.006 | 0.52 | 18.00 | 13 | 0.004 | 0.001 | 3.14 | 2.29 | <0.01 | 0.031 | 0.008 | 0.002 | <0.01 | 2.33 | 0.225 | 0.003 | 0.82 | 2.15 | 0.071 |
| 701169 | Drill Core | <0.001 | 0.008 | 0.01 | 1.85 | 3 | 0.002 | <0.001 | 0.35 | 2.12 | <0.01 | 0.027 | 0.002 | <0.001 | <0.01 | 4.58 | 0.149 | 0.009 | 0.41 | 2.23 | 0.107 |
| 701170 | Rock Pulp | <0.001 | 0.478 | 1.33 | 2.91 | 19 | <0.001 | <0.001 | 0.43 | 2.49 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.99 | 0.017 | 0.001 | 0.30 | 0.51 | 0.059 |
| 701171 | Drill Core | <0.001 | 0.010 | 0.02 | 0.70 | 3 | 0.003 | 0.001 | 0.33 | 2.72 | <0.01 | 0.031 | 0.002 | <0.001 | <0.01 | 2.76 | 0.091 | 0.005 | 0.39 | 1.98 | 0.078 |
| 701172 | Drill Core | <0.001 | 0.004 | <0.01 | 0.44 | 3 | 0.003 | 0.001 | 0.03 | 3.29 | <0.01 | 0.014 | <0.001 | <0.001 | <0.01 | 3.80 | 0.123 | 0.014 | 0.63 | 3.27 | 0.042 |
| 701173 | Drill Core | <0.001 | 0.006 | <0.01 | 0.35 | 3 | 0.008 | 0.002 | 0.08 | 3.39 | <0.01 | 0.029 | 0.002 | <0.001 | <0.01 | 2.54 | 0.148 | 0.017 | 1.42 | 2.49 | 0.128 |
| 701174 | Drill Core | 0.028 | <0.001 | <0.01 | 0.12 | <2 | 0.001 | <0.001 | 0.29 | 1.95 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 7.27 | 0.129 | 0.007 | 0.26 | 1.80 | 0.014 |
| 701175 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.02 | 0.12 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.85 | 0.003 | <0.001 | 12.59 | 0.03 | 0.003 |
| 701176 | Drill Core | 0.002 | 0.003 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.27 | 2.85 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 8.47 | 0.094 | 0.006 | 0.20 | 1.69 | 0.006 |
| 701177 | Drill Core | <0.001 | <0.001 | <0.01 | 0.19 | <2 | <0.001 | <0.001 | 0.30 | 2.05 | <0.01 | 0.031 | <0.001 | <0.001 | <0.01 | 16.16 | 0.042 | 0.008 | 0.36 | 1.29 | 0.006 |
| 701178 | Drill Core | 0.004 | 0.005 | <0.01 | 4.07 | 9 | 0.004 | 0.001 | 4.38 | 3.62 | 0.02 | 0.044 | 0.004 | 0.001 | <0.01 | 13.30 | 0.068 | 0.007 | 0.35 | 1.40 | 0.008 |
| 701179 | Drill Core | 0.038 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.39 | 2.16 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 7.94 | 0.027 | 0.013 | 0.14 | 2.14 | 0.005 |
| 701180 | Rock Pulp | <0.001 | 0.476 | 1.34 | 2.94 | 20 | <0.001 | <0.001 | 0.43 | 2.42 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.97 | 0.017 | <0.001 | 0.29 | 0.51 | 0.061 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project:

Silverhart

Report Date:

December 06, 2007

Page:

2 of 3

Part 2

CERTIFICATE OF ANALYSIS

VAN07001418.1

| Method | 7AR | 7AR | 7AR | |
|---------|------------|-------|--------|--------|
| Analyte | K | W | Hg | |
| Unit | % | % | % | |
| MDL | 0.001 | 0.001 | 0.001 | |
| 701151 | Drill Core | 0.054 | 0.182 | <0.001 |
| 701152 | Drill Core | 0.045 | 0.005 | <0.001 |
| 701153 | Drill Core | 0.036 | 0.003 | <0.001 |
| 701154 | Drill Core | 0.085 | <0.001 | <0.001 |
| 701155 | Rock | 0.007 | <0.001 | <0.001 |
| 701156 | Drill Core | 0.061 | <0.001 | <0.001 |
| 701157 | Drill Core | 0.062 | <0.001 | <0.001 |
| 701158 | Drill Core | 0.014 | 0.001 | <0.001 |
| 701159 | Drill Core | 0.015 | <0.001 | <0.001 |
| 701160 | Rock Pulp | 0.323 | 0.002 | <0.001 |
| 701161 | Drill Core | 0.046 | <0.001 | <0.001 |
| 701162 | Drill Core | 0.112 | <0.001 | <0.001 |
| 701163 | Drill Core | 0.104 | 0.002 | <0.001 |
| 701164 | Rock | 0.143 | 0.005 | <0.001 |
| 701165 | Rock | 0.007 | <0.001 | <0.001 |
| 701166 | Drill Core | 0.485 | <0.001 | <0.001 |
| 701167 | Drill Core | 0.254 | 0.006 | <0.001 |
| 701168 | Drill Core | 0.077 | 0.015 | <0.001 |
| 701169 | Drill Core | 0.065 | 0.003 | <0.001 |
| 701170 | Rock Pulp | 0.338 | 0.002 | <0.001 |
| 701171 | Drill Core | 0.126 | 0.001 | <0.001 |
| 701172 | Drill Core | 0.121 | <0.001 | <0.001 |
| 701173 | Drill Core | 0.181 | <0.001 | <0.001 |
| 701174 | Drill Core | 0.013 | <0.001 | <0.001 |
| 701175 | Rock | 0.007 | <0.001 | <0.001 |
| 701176 | Drill Core | 0.003 | 0.010 | <0.001 |
| 701177 | Drill Core | 0.010 | 0.005 | <0.001 |
| 701178 | Drill Core | 0.044 | 0.001 | <0.001 |
| 701179 | Drill Core | 0.003 | <0.001 | <0.001 |
| 701180 | Rock Pulp | 0.328 | <0.001 | <0.001 |



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 205 - 369 Terminal Ave
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Project: Silverhart
 Report Date: December 06, 2007

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN07001418.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|-------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701181 | Drill Core | <0.001 | 0.001 | <0.01 | 0.15 | <2 | <0.001 | <0.001 | 0.23 | 1.31 | <0.01 | 0.105 | <0.001 | <0.001 | <0.01 | 16.46 | 0.031 | 0.008 | 0.14 | 1.22 | 0.004 |
| 701182 | Drill Core | <0.001 | <0.001 | <0.01 | 0.28 | <2 | <0.001 | <0.001 | 0.24 | 1.69 | <0.01 | 0.141 | 0.002 | <0.001 | <0.01 | 27.91 | 0.071 | <0.001 | 0.08 | 0.43 | 0.032 |
| 701183 | Drill Core | 0.003 | 0.004 | <0.01 | 1.63 | <2 | <0.001 | 0.002 | 0.66 | 4.05 | <0.01 | 0.009 | 0.015 | <0.001 | <0.01 | 8.92 | 0.040 | 0.011 | 0.15 | 1.86 | 0.003 |
| 701184 | Drill Core | 0.032 | <0.001 | <0.01 | 0.04 | <2 | 0.001 | <0.001 | 0.40 | 2.92 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 8.48 | 0.057 | 0.006 | 0.18 | 1.84 | 0.007 |
| 701185 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.11 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.52 | 0.002 | <0.001 | 12.16 | 0.03 | 0.003 |
| 701186 | Drill Core | 0.042 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.39 | 2.96 | <0.01 | 0.003 | <0.001 | <0.001 | <0.01 | 8.49 | 0.044 | 0.006 | 0.18 | 2.01 | 0.004 |
| 701187 | Drill Core | 0.008 | 0.002 | <0.01 | 0.03 | <2 | <0.001 | <0.001 | 0.41 | 3.52 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 9.58 | 0.037 | 0.008 | 0.23 | 1.96 | 0.004 |
| 701188 | Drill Core | 0.002 | <0.001 | <0.01 | 0.08 | <2 | 0.001 | <0.001 | 0.39 | 2.94 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 8.29 | 0.048 | 0.005 | 0.22 | 2.16 | 0.004 |
| 701189 | Drill Core | 0.002 | <0.001 | <0.01 | 0.11 | <2 | 0.001 | <0.001 | 0.45 | 2.48 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 8.05 | 0.028 | 0.008 | 0.22 | 2.15 | 0.004 |
| 701190 | Rock Pulp | <0.001 | 0.482 | 1.36 | 2.90 | 20 | <0.001 | <0.001 | 0.42 | 2.45 | <0.01 | 0.007 | 0.017 | <0.001 | <0.01 | 3.99 | 0.016 | 0.001 | 0.29 | 0.51 | 0.061 |
| 701191 | Drill Core | 0.006 | <0.001 | <0.01 | 0.02 | <2 | 0.001 | <0.001 | 0.32 | 2.29 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 8.33 | 0.051 | 0.006 | 0.28 | 2.09 | 0.007 |
| 701192 | Drill Core | 0.006 | <0.001 | <0.01 | 0.01 | <2 | <0.001 | <0.001 | 0.40 | 2.17 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 7.15 | 0.051 | 0.010 | 0.26 | 2.35 | 0.036 |
| 701193 | Drill Core | 0.001 | 0.007 | <0.01 | 0.02 | <2 | 0.002 | 0.001 | 0.28 | 2.76 | <0.01 | 0.016 | <0.001 | <0.001 | <0.01 | 5.40 | 0.044 | 0.008 | 0.58 | 2.29 | 0.037 |
| 701194 | Drill Core | <0.001 | 0.006 | <0.01 | 0.02 | <2 | 0.003 | 0.001 | 0.07 | 3.22 | <0.01 | 0.047 | <0.001 | <0.001 | <0.01 | 1.73 | 0.035 | 0.009 | 1.10 | 2.70 | 0.104 |
| 701195 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.12 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.72 | 0.002 | <0.001 | 12.32 | 0.04 | 0.005 |
| 701196 | Drill Core | <0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.03 | 3.45 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 1.27 | 0.036 | 0.009 | 1.03 | 2.62 | 0.140 |
| 701197 | Drill Core | <0.001 | 0.002 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.07 | 2.22 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 3.40 | 0.019 | 0.005 | 0.68 | 1.93 | 0.062 |
| 701198 | Drill Core | 0.002 | 0.003 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.03 | 2.78 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 1.65 | 0.033 | 0.008 | 0.71 | 2.31 | 0.100 |
| 701199 | Drill Core | 0.002 | 0.005 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.04 | 4.09 | <0.01 | 0.020 | <0.001 | <0.001 | <0.01 | 0.86 | 0.051 | 0.005 | 1.14 | 2.99 | 0.052 |
| 701200 | Rock Pulp | <0.001 | 0.478 | 1.37 | 2.92 | 19 | <0.001 | <0.001 | 0.42 | 2.45 | <0.01 | 0.007 | 0.018 | <0.001 | <0.01 | 4.03 | 0.016 | 0.001 | 0.29 | 0.51 | 0.061 |
| 701201 | Drill Core | <0.001 | 0.006 | <0.01 | 0.01 | <2 | 0.002 | <0.001 | 0.03 | 0.93 | <0.01 | 0.050 | <0.001 | <0.001 | <0.01 | 6.78 | 0.047 | 0.006 | 0.20 | 1.86 | 0.031 |
| 701202 | Drill Core | <0.001 | 0.006 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.06 | 1.02 | <0.01 | 0.041 | <0.001 | <0.001 | <0.01 | 6.39 | 0.047 | 0.004 | 0.85 | 2.17 | 0.052 |
| 701203 | Drill Core | <0.001 | <0.001 | <0.01 | 0.04 | <2 | 0.001 | <0.001 | 0.51 | 1.41 | <0.01 | 0.029 | <0.001 | <0.001 | <0.01 | 18.68 | 0.027 | 0.006 | 0.29 | 1.13 | 0.002 |
| 701204 | Drill Core | <0.001 | 0.006 | <0.01 | 0.03 | <2 | 0.003 | 0.001 | 0.05 | 3.07 | <0.01 | 0.031 | <0.001 | <0.001 | <0.01 | 3.84 | 0.111 | 0.005 | 0.31 | 2.56 | 0.121 |
| 701205 | Rock | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 21.56 | 0.003 | <0.001 | 12.34 | 0.03 | 0.003 |
| 701206 | Drill Core | <0.001 | 0.013 | <0.01 | 0.16 | <2 | 0.003 | <0.001 | 0.34 | 1.51 | <0.01 | 0.041 | <0.001 | <0.001 | <0.01 | 10.77 | 0.132 | 0.006 | 0.52 | 2.64 | 0.021 |
| 701207 | Drill Core | <0.001 | <0.001 | <0.01 | 0.05 | <2 | <0.001 | <0.001 | 0.13 | 0.94 | <0.01 | 0.074 | <0.001 | <0.001 | <0.01 | 21.93 | 0.057 | 0.002 | 0.21 | 0.70 | 0.012 |
| 701208 | Drill Core | 0.012 | 0.003 | <0.01 | 0.13 | <2 | 0.001 | <0.001 | 0.24 | 1.51 | <0.01 | 0.060 | 0.001 | <0.001 | <0.01 | 21.68 | 0.059 | 0.004 | 0.24 | 0.93 | 0.004 |
| 701209 | Drill Core | 0.002 | 0.066 | <0.01 | 1.94 | 12 | 0.002 | 0.002 | 0.48 | 12.54 | 0.02 | 0.007 | 0.016 | 0.001 | 0.03 | 6.40 | 0.055 | 0.003 | 0.21 | 1.10 | 0.006 |
| 701210 | Rock Pulp | <0.001 | 0.501 | 2.17 | 4.56 | 158 | <0.001 | <0.001 | 0.34 | 3.72 | <0.01 | 0.005 | 0.026 | 0.005 | <0.01 | 3.00 | 0.015 | <0.001 | 0.35 | 0.67 | 0.104 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Silverhart
Report Date: December 06, 2007

Page: 3 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07001418.1

| Method | 7AR | 7AR | 7AR | |
|---------|------------|-------|--------|--------|
| Analyte | K | W | Hg | |
| Unit | % | % | % | |
| MDL | 0.001 | 0.001 | 0.001 | |
| 701181 | Drill Core | 0.007 | <0.001 | <0.001 |
| 701182 | Drill Core | 0.019 | <0.001 | <0.001 |
| 701183 | Drill Core | 0.008 | 0.007 | <0.001 |
| 701184 | Drill Core | 0.003 | 0.001 | <0.001 |
| 701185 | Rock | 0.006 | <0.001 | <0.001 |
| 701186 | Drill Core | 0.002 | <0.001 | <0.001 |
| 701187 | Drill Core | 0.002 | 0.007 | <0.001 |
| 701188 | Drill Core | 0.033 | 0.002 | <0.001 |
| 701189 | Drill Core | 0.004 | 0.015 | <0.001 |
| 701190 | Rock Pulp | 0.328 | <0.001 | <0.001 |
| 701191 | Drill Core | 0.005 | <0.001 | <0.001 |
| 701192 | Drill Core | 0.041 | <0.001 | <0.001 |
| 701193 | Drill Core | 0.164 | <0.001 | <0.001 |
| 701194 | Drill Core | 0.703 | 0.048 | <0.001 |
| 701195 | Rock | 0.009 | <0.001 | <0.001 |
| 701196 | Drill Core | 0.777 | <0.001 | <0.001 |
| 701197 | Drill Core | 0.303 | <0.001 | <0.001 |
| 701198 | Drill Core | 0.687 | <0.001 | <0.001 |
| 701199 | Drill Core | 1.009 | <0.001 | <0.001 |
| 701200 | Rock Pulp | 0.330 | <0.001 | <0.001 |
| 701201 | Drill Core | 0.139 | 0.002 | <0.001 |
| 701202 | Drill Core | 0.112 | <0.001 | <0.001 |
| 701203 | Drill Core | 0.008 | 0.001 | <0.001 |
| 701204 | Drill Core | 0.094 | <0.001 | <0.001 |
| 701205 | Rock | 0.005 | 0.001 | <0.001 |
| 701206 | Drill Core | 0.040 | <0.001 | <0.001 |
| 701207 | Drill Core | 0.053 | 0.002 | <0.001 |
| 701208 | Drill Core | 0.046 | 0.032 | <0.001 |
| 701209 | Drill Core | 0.009 | 0.051 | <0.001 |
| 701210 | Rock Pulp | 0.508 | <0.001 | <0.001 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

QUALITY CONTROL REPORT

VAN07001418.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|--------|
| Analyte | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701167 | Drill Core | 0.006 | 0.004 | 0.27 | 3.47 | 50 | 0.003 | 0.002 | 7.80 | 11.67 | 0.03 | 0.027 | 0.018 | <0.001 | <0.01 | 1.19 | 0.119 | 0.008 | 0.78 | 0.86 | 0.006 |
| REP 701167 | QC | 0.006 | 0.004 | 0.26 | 3.47 | 50 | 0.003 | 0.002 | 7.82 | 11.73 | 0.03 | 0.027 | 0.018 | 0.001 | <0.01 | 1.23 | 0.121 | 0.008 | 0.79 | 0.88 | 0.006 |
| 701198 | Drill Core | 0.002 | 0.003 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.03 | 2.78 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 1.65 | 0.033 | 0.008 | 0.71 | 2.31 | 0.100 |
| REP 701198 | QC | 0.002 | 0.003 | <0.01 | <0.01 | <2 | 0.003 | 0.001 | 0.03 | 2.84 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 1.67 | 0.034 | 0.008 | 0.72 | 2.33 | 0.098 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701161 | Drill Core | <0.001 | <0.001 | <0.01 | 0.06 | <2 | <0.001 | <0.001 | 0.16 | 0.97 | 0.01 | 0.106 | <0.001 | <0.001 | <0.01 | 28.56 | 0.045 | 0.004 | 0.14 | 0.24 | 0.001 |
| DUP 701161 | QC | <0.001 | <0.001 | <0.01 | 0.05 | <2 | <0.001 | <0.001 | 0.15 | 0.90 | 0.01 | 0.103 | <0.001 | <0.001 | <0.01 | 27.57 | 0.044 | 0.001 | 0.14 | 0.21 | 0.002 |
| 701196 | Drill Core | <0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.03 | 3.45 | <0.01 | 0.026 | <0.001 | <0.001 | <0.01 | 1.27 | 0.036 | 0.009 | 1.03 | 2.62 | 0.140 |
| DUP 701196 | QC | <0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.004 | 0.001 | 0.03 | 3.51 | <0.01 | 0.025 | <0.001 | <0.001 | <0.01 | 1.31 | 0.034 | 0.010 | 1.04 | 2.65 | 0.146 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.074 | 0.807 | 1.97 | 3.94 | 197 | 0.527 | 0.062 | 0.07 | 30.50 | 0.04 | 0.003 | 0.022 | 0.033 | <0.01 | 1.30 | 0.047 | 0.011 | 1.03 | 1.10 | 0.043 |
| STD R3A | Standard | 0.075 | 0.807 | 1.99 | 3.99 | 197 | 0.532 | 0.063 | 0.07 | 31.08 | 0.04 | 0.003 | 0.023 | 0.033 | <0.01 | 1.30 | 0.048 | 0.011 | 1.04 | 1.11 | 0.042 |
| STD R3A | Standard | 0.076 | 0.815 | 2.00 | 4.06 | 200 | 0.541 | 0.062 | 0.07 | 31.84 | 0.04 | 0.003 | 0.023 | 0.041 | <0.01 | 1.28 | 0.049 | 0.011 | 1.05 | 1.08 | 0.033 |
| STD R3A | Standard | 0.077 | 0.827 | 1.99 | 4.03 | 200 | 0.539 | 0.062 | 0.07 | 31.75 | 0.04 | 0.003 | 0.023 | 0.041 | <0.01 | 1.31 | 0.049 | 0.011 | 1.05 | 1.07 | 0.033 |
| STD R3A | Standard | 0.075 | 0.816 | 1.97 | 3.99 | 199 | 0.533 | 0.061 | 0.07 | 31.47 | 0.04 | 0.003 | 0.023 | 0.039 | <0.01 | 1.30 | 0.049 | 0.011 | 1.05 | 1.10 | 0.036 |
| STD R3A | Standard | 0.076 | 0.811 | 1.97 | 4.01 | 199 | 0.534 | 0.061 | 0.07 | 31.75 | 0.04 | 0.003 | 0.023 | 0.039 | <0.01 | 1.30 | 0.048 | 0.011 | 1.05 | 1.09 | 0.035 |
| STD R3A Expected | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | 0.011 | 1.04 | 1.08 | 0.04 |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |

QUALITY CONTROL REPORT

VAN07001418.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|------------------------|------------|--------|--------|--------|--------|--------|-------|-------|------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|
| Analyte | | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr |
| Unit | | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701167 | Drill Core | 0.254 | 0.006 | <0.001 | | | | | | | | | | | | | | | | | |
| REP 701167 | QC | 0.261 | 0.005 | <0.001 | | | | | | | | | | | | | | | | | |
| 701198 | Drill Core | 0.687 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| REP 701198 | QC | 0.690 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701161 | Drill Core | 0.046 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| DUP 701161 | QC | 0.041 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 0.06 | <2 | 0.002 | <0.001 | 0.16 | 0.88 | 0.01 | 0.111 | <0.001 | <0.001 | <0.01 | 29.88 | 0.046 | 0.001 |
| 701196 | Drill Core | 0.777 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| DUP 701196 | QC | 0.792 | <0.001 | <0.001 | <0.001 | <0.001 | 0.04 | <0.01 | <2 | 0.005 | <0.001 | 0.02 | 3.48 | <0.01 | 0.025 | <0.001 | <0.001 | <0.01 | 1.25 | 0.036 | 0.010 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | 0.001 | 26.00 | 0.42 | 3.99 | 108 | <0.001 | 0.001 | <0.01 | 29.13 | <0.01 | <0.001 | 0.012 | <0.001 | 0.01 | 0.12 | <0.001 | <0.001 |
| STD CZN-3 | Standard | | | | <0.001 | 0.677 | 0.14 | 49.62 | 45 | 0.004 | 0.007 | 0.01 | 9.56 | 0.03 | <0.001 | 0.235 | <0.001 | <0.01 | 0.06 | <0.001 | <0.001 |
| STD MP-2 | Standard | | | | 0.287 | 0.073 | 0.05 | 0.35 | 3 | <0.001 | <0.001 | 0.07 | 3.56 | 0.18 | 0.001 | 0.001 | <0.001 | 0.24 | 2.64 | 0.008 | 0.001 |
| STD PBC-1 | Standard | | | | <0.001 | 1.784 | 28.41 | 1.64 | 1823 | <0.001 | <0.001 | 0.10 | 6.45 | 2.94 | 0.012 | 0.036 | 0.319 | 0.03 | 5.29 | 0.079 | <0.001 |
| STD PTC-1A | Standard | | | | <0.001 | 13.94 | 0.05 | 0.10 | 37 | 10.45 | 0.290 | <0.01 | 33.80 | <0.01 | <0.001 | 0.004 | 0.042 | <0.01 | 0.17 | <0.001 | <0.001 |
| STD R3A | Standard | 0.520 | <0.001 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.527 | <0.001 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.430 | <0.001 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.430 | 0.002 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.430 | <0.001 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.428 | <0.001 | 0.002 | | | | | | | | | | | | | | | | | |
| STD R3A Expected | | 0.41 | | 0.002 | | | | | | | | | | | | | | | | | |
| STD CZN-3 Expected | | | | | | 0.685 | 0.113 | 50.92 | 45 | | 0.009 | | 9.97 | 0.039 | | 0.248 | | | | 0.058 | |
| STD MP-2 Expected | | | | | 0.281 | | | | 4.9 | | | | | | | | | | | 0.245 | |
| STD PTC-1A Expected | | | | | | 13.51 | 0.05 | | 56 | 10.03 | 0.3 | | 34.6 | 0.012 | | | | | | | |
| STD CCU-1C Expected | | | | | 0.002 | 25.62 | | 3.99 | 129 | | | 0.012 | 29.34 | 0.0034 | | 0.0136 | | | | | |
| STD PBC-1 Expected | | | | | | | 26.7 | | 1800 | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07001418.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|-------|------|-------|--------|--------|--------|
| Analyte | | Mg | Al | Na | K | W | Hg |
| Unit | | % | % | % | % | % | % |
| MDL | | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 |
| Pulp Duplicates | | | | | | | |
| 701167 | Drill Core | | | | | | |
| REP 701167 | QC | | | | | | |
| 701198 | Drill Core | | | | | | |
| REP 701198 | QC | | | | | | |
| Core Reject Duplicates | | | | | | | |
| 701161 | Drill Core | | | | | | |
| DUP 701161 | QC | 0.17 | 0.23 | 0.004 | 0.079 | 0.003 | <0.001 |
| 701196 | Drill Core | | | | | | |
| DUP 701196 | QC | 1.04 | 2.63 | 0.125 | 0.803 | 0.004 | <0.001 |
| Reference Materials | | | | | | | |
| STD CCU-1C | Standard | 0.13 | 0.09 | 0.018 | 0.014 | 0.010 | 0.002 |
| STD CZN-3 | Standard | 0.06 | 0.07 | 0.009 | <0.001 | 0.104 | <0.001 |
| STD MP-2 | Standard | 0.02 | 1.25 | 0.010 | 0.147 | 0.552 | <0.001 |
| STD PBC-1 | Standard | 0.71 | 0.21 | 0.007 | 0.025 | 0.008 | <0.001 |
| STD PTC-1A | Standard | 0.25 | 0.33 | 0.032 | 0.057 | <0.001 | <0.001 |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A | Standard | | | | | | |
| STD R3A Expected | | | | | | | |
| STD CZN-3 Expected | | 0.051 | | | | | |
| STD MP-2 Expected | | | | | | 0.65 | |
| STD PTC-1A Expected | | | | | | | |
| STD CCU-1C Expected | | | | | | | |
| STD PBC-1 Expected | | | | | | | |
| BLK | Blank | | | | | | |

QUALITY CONTROL REPORT

VAN07001418.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|-----|------------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|--------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| | Prep Wash | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.84 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.54 | 0.072 | 0.013 | 0.58 | 1.24 | 0.154 |
| G1 | Prep Blank | <0.001 | <0.001 | 0.02 | 0.08 | <2 | <0.001 | <0.001 | 0.46 | 2.96 | <0.01 | 0.007 | <0.001 | <0.001 | <0.01 | 0.51 | 0.071 | <0.001 | 0.59 | 1.16 | 0.128 |



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Client: CMC Metals Ltd.
 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: December 06, 2007

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN07001418.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|-----------|------------|--------|--------|--------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|
| | | K | W | Hg | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr |
| | | % | % | % | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.571 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.562 | <0.001 | <0.001 | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

VAN07001418.1

| | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|-----------|------------|-------|-------|--------|--------|--------|--------|
| | | Mg | Al | Na | K | W | Hg |
| | | % | % | % | % | % | % |
| | | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.001 |
| BLK | Blank | | | | | | |
| BLK | Blank | | | | | | |
| BLK | Blank | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 |
| Prep Wash | | | | | | | |
| G1 | Prep Blank | | | | | | |
| G1 | Prep Blank | | | | | | |



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Client:

CMC Metals Ltd.

205 - 369 Terminal Ave
Vancouver BC V6A 4C4 Canada

Submitted By:

Don Wedman

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

September 18, 2007

Report Date:

December 03, 2007

Page:

1 of 3

CERTIFICATE OF ANALYSIS

VAN07001583.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 36

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

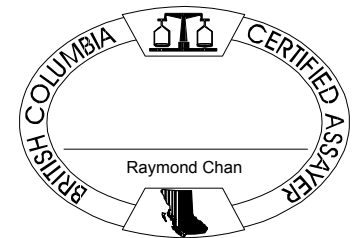
| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status |
|-------------|-------------------|---|--------------|---------------|
| R150 | 33 | Crush split and pulverize drill core to 150mesh | | |
| 7AR | 36 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed |
| 7AR | 0 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.1 | Completed |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: CMC Metals Ltd.
205 - 369 Terminal Ave
Vancouver BC V6A 4C4
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
 Report Date: December 03, 2007

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN07001583.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | |
|---------|------------|--------|--------|-------|-------|-------|--------|--------|------|------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | |
| 701211 | Drill Core | 0.003 | 0.033 | 0.05 | 0.99 | 42 | 0.003 | 0.002 | 0.93 | 8.73 | 0.02 | 0.014 | 0.006 | <0.001 | 0.02 | 6.48 | 0.090 | 0.004 | 0.31 | 1.38 | 0.004 |
| 701212 | Drill Core | <0.001 | 0.006 | <0.01 | 1.20 | 2 | 0.003 | 0.001 | 0.44 | 3.30 | <0.01 | 0.010 | 0.004 | <0.001 | <0.01 | 5.36 | 0.134 | 0.006 | 1.27 | 2.02 | 0.015 |
| 701213 | Drill Core | <0.001 | 0.006 | <0.01 | 0.04 | <2 | 0.002 | <0.001 | 0.09 | 1.95 | <0.01 | 0.033 | <0.001 | <0.001 | <0.01 | 3.59 | 0.051 | 0.007 | 0.46 | 2.62 | 0.182 |
| 701214 | Drill Core | <0.001 | <0.001 | <0.01 | 0.29 | <2 | <0.001 | <0.001 | 0.22 | 2.63 | <0.01 | 0.014 | 0.001 | <0.001 | 0.01 | 13.97 | 0.038 | 0.004 | 0.16 | 1.72 | 0.006 |
| 701215 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.12 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 23.76 | 0.002 | <0.001 | 12.66 | 0.04 | 0.005 |
| 701216 | Drill Core | <0.001 | <0.001 | <0.01 | 3.81 | <2 | <0.001 | 0.011 | 0.24 | 1.67 | <0.01 | 0.009 | 0.017 | <0.001 | 0.06 | 21.66 | 0.054 | 0.002 | 0.08 | 0.89 | 0.002 |
| 701217 | Drill Core | <0.001 | 0.002 | <0.01 | 0.18 | <2 | 0.001 | <0.001 | 0.12 | 0.72 | <0.01 | 0.054 | <0.001 | <0.001 | <0.01 | 15.83 | 0.051 | 0.004 | 0.40 | 1.05 | 0.008 |
| 701218 | Drill Core | <0.001 | 0.003 | 0.12 | 0.50 | 3 | 0.006 | 0.001 | 1.58 | 6.56 | <0.01 | 0.021 | 0.001 | <0.001 | <0.01 | 6.69 | 0.088 | 0.011 | 1.59 | 1.53 | 0.010 |
| 701219 | Drill Core | 0.001 | 0.001 | 0.02 | 0.12 | <2 | <0.001 | <0.001 | 0.12 | 0.78 | <0.01 | 0.072 | <0.001 | <0.001 | <0.01 | 13.59 | 0.047 | 0.005 | 0.18 | 1.02 | 0.005 |
| 701220 | Drill Core | <0.001 | 0.510 | 2.14 | 4.53 | 166 | <0.001 | <0.001 | 0.35 | 4.13 | <0.01 | 0.005 | 0.027 | 0.004 | <0.01 | 3.07 | 0.018 | 0.001 | 0.35 | 0.57 | 0.065 |
| 701221 | Drill Core | 0.002 | 0.011 | <0.01 | 1.87 | <2 | 0.001 | 0.007 | 0.33 | 1.30 | <0.01 | 0.029 | 0.012 | <0.001 | 0.01 | 20.74 | 0.066 | 0.002 | 0.51 | 1.54 | 0.011 |
| 701222 | Drill Core | 0.009 | <0.001 | <0.01 | 0.02 | <2 | <0.001 | <0.001 | 0.32 | 1.21 | <0.01 | 0.033 | <0.001 | <0.001 | <0.01 | 26.49 | 0.028 | 0.003 | 0.28 | 2.34 | 0.017 |
| 701223 | Drill Core | 0.005 | <0.001 | <0.01 | 0.04 | <2 | <0.001 | <0.001 | 0.33 | 1.37 | <0.01 | 0.032 | <0.001 | 0.001 | <0.01 | 26.57 | 0.025 | 0.002 | 0.38 | 3.01 | 0.011 |
| 701224 | Drill Core | 0.005 | <0.001 | <0.01 | 0.02 | <2 | 0.001 | <0.001 | 0.27 | 1.43 | <0.01 | 0.032 | <0.001 | <0.001 | <0.01 | 23.32 | 0.036 | 0.004 | 0.40 | 2.89 | 0.011 |
| 701225 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.02 | 0.11 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 23.72 | 0.002 | <0.001 | 12.48 | 0.05 | 0.003 |
| 701226 | Drill Core | <0.001 | 0.001 | <0.01 | 0.41 | <2 | <0.001 | <0.001 | 0.25 | 1.11 | <0.01 | 0.029 | 0.002 | <0.001 | <0.01 | 21.55 | 0.057 | 0.002 | 0.38 | 1.36 | 0.013 |
| 701227 | Drill Core | <0.001 | 0.006 | <0.01 | 0.48 | <2 | <0.001 | <0.001 | 0.11 | 1.38 | <0.01 | 0.102 | 0.003 | <0.001 | <0.01 | 25.75 | 0.063 | 0.001 | 0.91 | 0.79 | 0.016 |
| 701228 | Drill Core | 0.016 | 0.006 | <0.01 | 0.02 | <2 | 0.002 | <0.001 | 0.12 | 1.48 | <0.01 | 0.078 | <0.001 | 0.001 | <0.01 | 8.13 | 0.046 | 0.004 | 0.41 | 2.82 | 0.127 |
| 701229 | Drill Core | 0.024 | <0.001 | <0.01 | 0.01 | <2 | 0.001 | <0.001 | 0.18 | 1.30 | <0.01 | 0.023 | <0.001 | <0.001 | <0.01 | 11.50 | 0.049 | 0.005 | 0.35 | 2.34 | 0.020 |
| 701230 | Drill Core | <0.001 | 0.499 | 2.10 | 4.30 | 185 | <0.001 | <0.001 | 0.34 | 4.08 | <0.01 | 0.005 | 0.026 | 0.005 | <0.01 | 3.06 | 0.017 | 0.001 | 0.35 | 0.56 | 0.063 |
| 701231 | Drill Core | <0.001 | 0.027 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.03 | 3.74 | <0.01 | 0.036 | <0.001 | <0.001 | <0.01 | 2.08 | 0.041 | 0.008 | 1.14 | 2.78 | 0.220 |
| 701232 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.08 | 1.09 | <0.01 | 0.037 | <0.001 | <0.001 | <0.01 | 4.77 | 0.053 | 0.004 | 0.38 | 1.58 | 0.105 |
| 701233 | Drill Core | <0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.07 | 0.95 | <0.01 | 0.050 | <0.001 | <0.001 | <0.01 | 3.85 | 0.058 | 0.005 | 0.38 | 1.60 | 0.147 |
| 701234 | Drill Core | 0.001 | 0.003 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.03 | 0.91 | <0.01 | 0.062 | <0.001 | <0.001 | <0.01 | 1.78 | 0.045 | 0.006 | 0.57 | 2.36 | 0.348 |
| 701235 | Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.12 | <0.01 | 0.005 | <0.001 | <0.001 | <0.01 | 20.47 | 0.001 | <0.001 | 12.28 | 0.05 | 0.013 |
| 701236 | Drill Core | 0.005 | 0.001 | <0.01 | 0.06 | <2 | 0.001 | <0.001 | 0.26 | 0.99 | <0.01 | 0.054 | <0.001 | <0.001 | <0.01 | 13.43 | 0.039 | 0.004 | 0.56 | 1.65 | 0.030 |
| 701237 | Drill Core | 0.036 | <0.001 | <0.01 | 0.03 | <2 | <0.001 | <0.001 | 0.30 | 1.17 | <0.01 | 0.019 | <0.001 | <0.001 | <0.01 | 9.95 | 0.040 | 0.004 | 1.31 | 1.53 | 0.010 |
| 701238 | Drill Core | <0.001 | 0.005 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.25 | 3.62 | <0.01 | 0.070 | <0.001 | <0.001 | <0.01 | 4.27 | 0.050 | 0.007 | 1.24 | 3.29 | 0.053 |
| 701239 | Drill Core | 0.001 | 0.029 | <0.01 | 0.25 | 5 | 0.006 | 0.003 | 0.35 | 5.95 | 0.06 | 0.013 | <0.001 | 0.003 | <0.01 | 5.17 | 0.045 | 0.005 | 0.83 | 2.70 | 0.038 |
| 701240 | Drill Core | <0.001 | 0.508 | 2.15 | 4.57 | 175 | <0.001 | <0.001 | 0.35 | 4.02 | <0.01 | 0.006 | 0.027 | 0.005 | <0.01 | 3.00 | 0.017 | 0.001 | 0.35 | 0.85 | 0.181 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 205 - 369 Terminal Ave
 Vancouver BC V6A 4C4 Canada

Project: Silverhart
Report Date: December 03, 2007

Page: 2 of 3 **Part** 2

CERTIFICATE OF ANALYSIS

VAN07001583.1

| Method | 7AR | 7AR | 7AR | 7AR |
|---------|------------|-------|--------|--------|
| Analyte | K | W | Hg | Pb |
| Unit | % | % | % | % |
| MDL | 0.001 | 0.001 | 0.001 | 0.01 |
| 701211 | Drill Core | 0.215 | 0.038 | <0.001 |
| 701212 | Drill Core | 0.109 | 0.008 | <0.001 |
| 701213 | Drill Core | 0.193 | 0.001 | <0.001 |
| 701214 | Drill Core | 0.023 | 0.004 | <0.001 |
| 701215 | Drill Core | 0.012 | <0.001 | <0.001 |
| 701216 | Drill Core | 0.009 | 0.011 | <0.001 |
| 701217 | Drill Core | 0.011 | <0.001 | <0.001 |
| 701218 | Drill Core | 0.369 | <0.001 | <0.001 |
| 701219 | Drill Core | 0.054 | 0.002 | <0.001 |
| 701220 | Drill Core | 0.383 | 0.008 | <0.001 |
| 701221 | Drill Core | 0.065 | 0.011 | <0.001 |
| 701222 | Drill Core | 0.094 | 0.025 | <0.001 |
| 701223 | Drill Core | 0.034 | 0.006 | <0.001 |
| 701224 | Drill Core | 0.017 | 0.053 | <0.001 |
| 701225 | Drill Core | 0.007 | <0.001 | <0.001 |
| 701226 | Drill Core | 0.153 | 0.011 | <0.001 |
| 701227 | Drill Core | 0.120 | 0.003 | <0.001 |
| 701228 | Drill Core | 0.178 | 0.054 | <0.001 |
| 701229 | Drill Core | 0.033 | 0.009 | <0.001 |
| 701230 | Drill Core | 0.385 | 0.010 | <0.001 |
| 701231 | Drill Core | 0.673 | <0.001 | <0.001 |
| 701232 | Drill Core | 0.053 | 0.001 | <0.001 |
| 701233 | Drill Core | 0.094 | <0.001 | <0.001 |
| 701234 | Drill Core | 0.196 | <0.001 | <0.001 |
| 701235 | Drill Core | 0.010 | <0.001 | <0.001 |
| 701236 | Drill Core | 0.182 | <0.001 | <0.001 |
| 701237 | Drill Core | 0.116 | 0.009 | <0.001 |
| 701238 | Drill Core | 0.573 | <0.001 | <0.001 |
| 701239 | Drill Core | 0.639 | 0.002 | <0.001 |
| 701240 | Drill Core | 0.469 | 0.008 | <0.001 |



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Project: Silverhart
 Report Date: December 03, 2007

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN07001583.1

| Method | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|-------------------|--------|--------|-------|-------|------|--------|--------|------|------|-------|-------|--------|--------|-------|-------|-------|--------|-------|------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| 701241 Drill Core | 0.002 | 0.001 | 0.01 | 0.03 | <2 | 0.001 | <0.001 | 0.49 | 2.62 | <0.01 | 0.076 | <0.001 | <0.001 | <0.01 | 16.41 | 0.072 | 0.005 | 0.47 | 1.98 | 0.007 |
| 701242 Drill Core | <0.001 | 0.002 | >4 | 1.97 | 81 | 0.001 | <0.001 | 1.47 | 3.87 | <0.01 | 0.028 | 0.004 | 0.007 | <0.01 | 12.15 | 0.045 | 0.002 | 0.65 | 1.31 | 0.006 |
| 701243 Drill Core | <0.001 | 0.004 | 0.19 | 0.23 | 20 | 0.003 | 0.001 | 0.70 | 3.46 | <0.01 | 0.031 | <0.001 | <0.001 | <0.01 | 8.44 | 0.052 | 0.003 | 0.45 | 1.81 | 0.007 |
| 701244 Drill Core | <0.001 | 0.019 | <0.01 | 0.01 | <2 | 0.004 | 0.002 | 0.17 | 3.00 | <0.01 | 0.032 | <0.001 | <0.001 | <0.01 | 5.24 | 0.055 | 0.004 | 0.72 | 2.02 | 0.092 |
| 701245 Drill Core | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.01 | 0.10 | <0.01 | 0.004 | <0.001 | <0.001 | <0.01 | 20.38 | 0.002 | <0.001 | 12.60 | 0.02 | 0.004 |
| 701246 Drill Core | <0.001 | 0.092 | <0.01 | <0.01 | <2 | 0.004 | 0.004 | 0.02 | 7.98 | <0.01 | 0.014 | <0.001 | <0.001 | <0.01 | 1.74 | 0.056 | 0.004 | 0.71 | 2.32 | 0.148 |



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Project:

Silverhart

Report Date:

December 03, 2007

Page:

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Part 2

CERTIFICATE OF ANALYSIS

VAN07001583.1

| | Method | 7AR | 7AR | 7AR | 7AR |
|--------|------------|-------|--------|--------|------|
| | Analyte | K | W | Hg | Pb |
| | Unit | % | % | % | % |
| | MDL | 0.001 | 0.001 | 0.001 | 0.01 |
| 701241 | Drill Core | 0.218 | 0.001 | <0.001 | |
| 701242 | Drill Core | 0.386 | 0.002 | <0.001 | 5.71 |
| 701243 | Drill Core | 0.761 | 0.003 | <0.001 | |
| 701244 | Drill Core | 0.574 | <0.001 | <0.001 | |
| 701245 | Drill Core | 0.008 | <0.001 | <0.001 | |
| 701246 | Drill Core | 0.572 | 0.002 | <0.001 | |

QUALITY CONTROL REPORT

VAN07001583.1

| Method | | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|-------|-------|--------|
| Analyte | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na |
| Unit | | % | % | % | % | GM/T | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.01 | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 701233 | Drill Core | <0.001 | 0.002 | <0.01 | <0.01 | <2 | 0.001 | <0.001 | 0.07 | 0.95 | <0.01 | 0.050 | <0.001 | <0.001 | <0.01 | 3.85 | 0.058 | 0.005 | 0.38 | 1.60 | 0.147 |
| DUP 701233 | QC | <0.001 | 0.002 | <0.01 | 0.01 | <2 | 0.002 | <0.001 | 0.10 | 1.18 | <0.01 | 0.057 | <0.001 | <0.001 | <0.01 | 4.10 | 0.054 | 0.004 | 0.49 | 1.83 | 0.267 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CCU-1C | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CZN-3 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD MP-2 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD R3A | Standard | 0.075 | 0.810 | 1.94 | 3.95 | 197 | 0.527 | 0.062 | 0.07 | 31.42 | 0.04 | 0.003 | 0.024 | 0.037 | <0.01 | 1.33 | 0.049 | 0.014 | 1.05 | 1.23 | 0.058 |
| STD R3A | Standard | 0.076 | 0.812 | 1.95 | 3.95 | 197 | 0.530 | 0.063 | 0.07 | 31.88 | 0.04 | 0.003 | 0.024 | 0.039 | <0.01 | 1.32 | 0.050 | 0.013 | 1.04 | 1.12 | 0.050 |
| STD R3A | Standard | 0.075 | 0.803 | 1.94 | 3.94 | 198 | 0.524 | 0.062 | 0.07 | 30.99 | 0.04 | 0.003 | 0.023 | 0.034 | <0.01 | 1.31 | 0.048 | 0.014 | 1.05 | 1.14 | 0.053 |
| STD R3A | Standard | 0.077 | 0.812 | 1.98 | 4.01 | 200 | 0.534 | 0.063 | 0.07 | 31.57 | 0.04 | 0.003 | 0.024 | 0.037 | <0.01 | 1.32 | 0.049 | 0.014 | 1.07 | 1.19 | 0.059 |
| STD CZN-3 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PTC-1A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD PBC-1 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD R3A Expected | | 0.077 | 0.811 | 1.92 | 4.03 | 197 | 0.524 | 0.062 | 0.07 | 32.47 | 0.04 | 0.003 | 0.023 | 0.031 | | 1.29 | 0.05 | 0.011 | 1.04 | 1.08 | 0.04 |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.95 | <0.01 | 0.008 | <0.001 | <0.001 | <0.01 | 0.57 | 0.079 | 0.007 | 0.62 | 1.34 | 0.193 |
| G1 | Prep Blank | <0.001 | <0.001 | <0.01 | <0.01 | <2 | <0.001 | <0.001 | 0.06 | 1.91 | <0.01 | 0.009 | <0.001 | <0.001 | <0.01 | 0.58 | 0.075 | 0.004 | 0.60 | 1.45 | 0.228 |



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Project: Silverhart
Report Date: December 03, 2007

Page: 1 of 1 **Part** 2

QUALITY CONTROL REPORT

VAN07001583.1

| Method | | 7AR | 7AR | 7AR | 7AR |
|------------------------|------------|--------|--------|--------|-------|
| Analyte | | K | W | Hg | Pb |
| Unit | | % | % | % | % |
| MDL | | 0.001 | 0.001 | 0.001 | 0.01 |
| Core Reject Duplicates | | | | | |
| 701233 | Drill Core | 0.094 | <0.001 | <0.001 | |
| DUP 701233 | QC | 0.155 | 0.002 | <0.001 | |
| Reference Materials | | | | | |
| STD CCU-1C | Standard | | | | 0.38 |
| STD CZN-3 | Standard | | | | 0.08 |
| STD MP-2 | Standard | | | | <0.01 |
| STD PBC-1 | Standard | | | | 27.82 |
| STD PTC-1A | Standard | | | | 0.03 |
| STD R3A | Standard | 0.442 | 0.004 | 0.002 | |
| STD R3A | Standard | 0.435 | 0.010 | 0.002 | |
| STD R3A | Standard | 0.535 | <0.001 | 0.002 | |
| STD R3A | Standard | 0.556 | <0.001 | 0.002 | |
| STD CZN-3 Expected | | | | | 0.113 |
| STD PTC-1A Expected | | | | | 0.05 |
| STD PBC-1 Expected | | | | | 26.7 |
| STD R3A Expected | | 0.41 | | 0.002 | |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| BLK | Blank | | | | <0.01 |
| BLK | Blank | <0.001 | <0.001 | <0.001 | |
| Prep Wash | | | | | |
| G1 | Prep Blank | 0.643 | <0.001 | <0.001 | |
| G1 | Prep Blank | 0.648 | <0.001 | <0.001 | |