GEOLOGICAL GEOCHEMICAL AND PROSPECTING REPORT

ON THE

ART-DL MINERAL CLAIMS

CARIBOO and CLINTON MINING DIVISION

NTS: 093A007, 093A006, 092P097

FOR

HAPPY CREEK MINERALS LTD.
38151 Clarke Drive
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V0N 3G0

By

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And

D. Ridley
Lodestone Explorations Co. Inc.

January, 2006

Tables

Figures

Summary

The Art and DL properties are located approximately 75 kilometres northeast of 100 Mile House, in south central Cariboo region of British Columbia.

The Art and DL prospects are underlain by the western portion of the Eureka Thrust, a terrane boundary between island arc Quesnel terrain to the west and older Paleozoic continental crust to the east. The prospects contain soil and rock anomalies of dominantly gold, silver in several surface showings.

At the Art prospect, hornblende-biotite-quartz-feldspar porphyry cuts Nicola Group fine grained volcanic tuff and flow of basalt to andesite composition and widespread quartz sericite-carbonate and green mica (mariposite) occurs. Drill core from hole 2001-2, returned 0.17g/t gold and 0.35% arsenic over 12 metres, and a rock sample from 2005 returned 1,1272 ppb gold (1.27g/t gold) within 15 meters of drillhole 2001-1. A coincident gold in soil anomaly occurs in this area. A stronger and larger soil anomaly occurs to the northwest and is up to 400 metres in length and 50-100 metres in width, is partly coincident or adjacent to a silver geochemical anomaly, and its source remains unknown.

The DL prospect is about 3 kilometres east of the Art prospect and covers old workings from the 1880's. A gently plunging saddle reef style quartz vein hosted by black phyllite is partially exposed at the old adit and has returned up to 42.9g/t gold (1.4 ounces per tonne gold) and 34.7 g/t silver over 1.0 metre. Results to date include a soil geochemical anomaly over 800 metres in length with values up to 1.0 g/t gold, and have coincident VLF-EM geophysical conductors. Rock sampling in 2005 returned 10,242.6 ppb (10.24 g/t gold) over 0.5 metres of quartz-sericite-graphite-pyrite altered phyllite and quartz vein in the hanging wall side of the adit vein. Rock samples of other quartz and quartz-carbonate veins to the south, west and north of the adit did not return significant

values. The DL prospect contains similar geology and setting to the CPW and Frasergold prospect (1.6 million ounces gold) further north, and is an attractive deposit model.

It is recommended that exploration consisting of prospecting, geology, rock sampling along with a cut line to access areas in thick bush cover, followed by additional geochemical surveys and trenching is expected to total $50,000.

1. Location and Access

The ART-DL property is situated approximately 75 kilometers northeast of 100 Mile House and is easily reached by paved and gravel logging roads (Figure 1). Access from 100 Mile House is via the Hendrix-Canim road which leaves the highway two kilometers north of the town and is followed 50 kilometers northeast to Eagle Creek bridge. The paved road turns to gravel here and is termed the 6000 logging main which is followed northeasterly approximately 16 kilometers to the junction with the 7000 road which is followed easterly 6 kilometers to the junction with the Art Creek road. Access to the Art area is via the north trending Art Creek road and is situated near the 5 kilometer post. To access the DL area the 7000 road is followed another 5 kilometers to the junction of the Deception Creek road. This road is followed northerly up the west side of Deception Creek approximately 6 kilometers to a washout at Ledge Creek. The DL adit is situated on the north side of the creek approximately 150 meters west the road.

Elevations range from 1300 to 1000 meters, from west to east respectively, into Deception creek valley. Topography is generally gentle away from the easterly flowing Ledge Creek canyon which locally contains precipitous walls. The area has seen some logging but most of the property is covered by dense forest. The property is situated within the Interior Wet Belt and is covered by dense stands of spruce, cedar, and balsam fir as well as willow, alder and devil's club patches. The latter coupled with abundant mature deadfall make travel slow and difficult.

2. Claim Status

The ART-DL property is comprised of 4 cell claims and 4 modified grid two-post claims Located in the Cariboo and Clinton Mining Division. B.C. on map sheets 093A.006, 093a.007, and 092P.097 (Figure 2, Table 1).

3. History

The earliest documented prospecting in the area appears in the 1886 BC ministry of Mines Annual Report (pg. 207) which states *"" ledge has also been discovered on Deception creek, and two claims located on it...the parties owning the claims inform me that they have had assay returns from surface croppings showing presence of gold and silver.'* An adit, 12 meters in length, and several blast trenches were completed at this time. A note in the 1903 Annual Report refers to prospectors coming out of the Hendrix lake region with some gold but not enough to make it pay. No further reference to work in this area was filed until 1987 when E. Scholtes located 2 claims in Deception creek covering the old workings. A small work program was conducted around the old workings and filed for Assessment purposes in 1988 (Durfeld, 1988). The claims lapsed in 1990 and D. Ridley located the DL 1-8 2-post claims, covering the old workings and a length of Ledge creek canyon. Work in the area and close examination of tree rings indicate the old workings to be those of the original 1886 claims (Ridley, 1992). The DL claims were optioned to Pioneer Metals Corp in 1993 who conducted detailed geological mapping and rock sampling of the adit zone (Ridley and Dunn, 1993). Pioneer relinquished its option in 1995 and the claims reverted back to Ridley.

In October 1997, Ridley located the Art 1-4 claims to cover mineralized rhyodacite outcrop exposed alongside a newly constructed logging road approximately 2 kilometers west-southwest of the DL adit. In the spring of 1998 additional claims were staked creating a larger property which included the new art showings and the old DL workings. An option was signed with Mandalay

Resources in June of 1998 and a program of geological mapping, soil and rock sampling, and geophysical surveys were conducted (Adamec, 1999 and Christopher, 1999). This work resulted in identifying several anomalous zones worthy of further work. In May 2001 Mandalay drilled six NQ diamond drill holes totalling 481.52 meters and promptly abandoned the property and the drill core. Three holes were drilled on the Art claims and three holes were completed on the DL claims. Examination of drill location and orientation shows that the drilling was poorly placed, oriented and sampled and therefore provided limited useful data. Later that year Ridley and Blann re-logged and sampled one of the holes from the Art claims and found strongly anomalous gold-arsenic values over 12 meters of continuous core length (Ridley, 2001).

In January 2004 the Art 5 and 6 claims were staked to cover the old DL claims and be contiguous with the Art claims. An option was signed in February 2004 with Wind River Resources who contracted K. Hancock to complete a compilation report on the property suitable for stock exchange requirements (Hancock, 2004). Wind River failed to complete its work commitments and the property reverted to Ridley in January 2005. During the summer of 2004 Ridley and Blann conducted a preliminary examination of drill core and anomalous zones depicted by Mandalay's 1998 work.

4. Regional Geology

The Art-DL property is located within the lower and eastern portion of the Nicola Group, Quesnel Terrane, and is Upper Triassic-Lower Jurassic in age (Figure 3). Nicola Group is comprised of a base of phyllite and basaltic andesite flow, breccia and minor sediment and carbonate. To the east, the Quesnel Terrane occurs in thrust fault contact with Omineca Crystalline rocks of the Slide Mountain Group and Snowshoe Formation, lower Cambrian in age.

Stocks, plugs dikes and sill of intrusive rocks coeval with the development of the Nicola Group rocks are of monzonite, diorite, syenite composition; these rocks are cut by larger, batholith sized intrusions of composite granodiorite derivation

and are Early to Middle Jurassic in age. Stocks, dikes and sills of granite derivation cut Nicola Group rocks and are Cretaceous in age. Dikes of olivine basalt cut all rocks and are Holocene in age.

Relevant economic mineral deposits occurring regionally include the past producing Boss Mountain molybdenum mine, located approximately 10 kilometres northwest of the Art-DL property. Mt. Polley mine to the northwest, and Afton or Highland Valley mine to the southeast are the dominantly porphyry copper-molybdenum + gold/silver producers, however numerous showings and prospects of intrusion related, sediment hosted gold-arsenic, epithermal gold-silver, volcanic sedimentary massive sulphides, tungsten-molybdenum, and skarn deposit styles also occur. The CPW and Fraser Gold (1.6million ounces gold) prospects occur to the north, are hosted by similar geology as the Art-DL property, and are significant gold deposits.

5. Property Geology

To the west, the Art prospect is underlain by basalt-andesite tuff and flow inter-bedded with argillite, shale, minor limestone and siltstone (Figure 4). These rocks are cut by dikes and sills of basalt to andesite composition, and a hornblende biotite quartz feldspar porphyry granodiorite to quartz diorite stock. A 2005 Airborne magnetic survey suggests a large body of granodiorite- diorite composition lies just west of the claims, and strong structures occur in proximity with the Eureka Thrust and volcanic-sedimentary rock contacts (Figure 5). Foliations vary from 120-160 degrees, and dip 50-90 degrees northeast. Felsic dikes of latite-quartz monzonite composition trend 270 degrees and dip 60-90 degrees north. These rocks contain variable amounts of quartz-sericite-pyrite-carbonate and mariposite alteration, quartz carbonate veinlets, hematite, trace sphalerite and chalcopyrite, and trace to 10% pyrite, and arsenic values up to 3500 ppm with 0.17g/t gold over 12 metres in drill hole 01-2.

To the east, the DL prospect lies in proximity with the Eureka Thrust and is underlain by black to graphitic and knotty phyllite and minor sediments, intensely folded with northwest to northeast trending, 30-85 degrees east dipping foliation and structural thickening near fold axis; fold hinge zones contain broken zones of milky white to clear quartz veins, of dense, massive texture and between 0.5 and 2 metres in width; this material returned 1.0 metre grading 1540 ppb gold (1.5 g/t gold), however quartz mixed with graphitic to iron oxide rich material adjacent the quartz veins returned 20,119 ppb gold (20.1 g/t gold) (#151762) over 0.20 metres and remains open; further east of the quartz vein, a sample returned 42,906 ppb gold (42.9 g/t gold) over 1.0 metre (Ridley, 1992). The highest gold values appear to be located within graphitic phyllite, containing pyrite, arsenic and lead values on the hanging wall side of the gently north plunging, saddle reef style quartz vein near the fold axis.

Felsic dikes trend west-northwest within the Ledge Creek canyon and contain trace arsenopyrite and stibnite, and cut the black phyllite. VLF EM survey data suggests similar orientation to conductors and geochemical anomalies in this area.

6. 2005 Exploration

Work was carried out May 20 to October 10 2005 and was comprised of approximately 6 kilometres of flagged and chained grid, 182 soil samples, along with prospecting, 53 rock samples and 3 additional soils were obtained for analysis by ICP-MS.

6.1 Rock Sampling

Rock samples covering a fairly wide area of the property were taken for analysis (Figure 6). Rock sample location, descriptions and gold, silver and arsenic plots

are located in Figures 6-9 and Table 2. Assay Certificates are located in Appendix 1.

The highest gold assay was returned from a 0.5 metre chip sample from the eastern hanging wall of the large quartz veins exposed in the adit. Sample 175592 returned 10,242 ppb gold (10.4 g/t gold), 17.2 ppm silver, and 713 ppm arsenic and 964.2 ppm lead. The sample was comprised of quartz vein and graphitic phyllite, with red-orange limonite and pyrite, and locally carbonate. Quartz and quartz carbonate-ankerite veins locally containing trace pyrite west and north of the adit were not anomalous in gold or silver.

Approximately 500 metres south of the adit, drill hole 2001-4 intersected 1.0 g/t gold over the first 1.0 metre sample at the top of the hole. In 2005, detailed rock sampling of abundant quartz-carbonate-ankerite veins, up to approximately 0.75 metres in thickness were sampled; samples 184268 and 185344 containing trace pyrite and galena returned 38.9 and 70.4 ppb gold, 0.5, 5.4 ppm silver, and 1.5 and 4.0 ppm arsenic, respectively. Other samples were not anomalous. Three widespread soil samples taken upslope of this area from a depth of 0.5 metres, did not return anomalous values.

On the Art prospect, approximately 3.0 kilometres southwest of the adit, quartz-sericite-pyrite altered hornblende-biotite-quartz-feldspar porphyry contains up to 10% pyrite in 1-2 metre wide shears zones, and sample 184283, 184284, 175593 returned 1272.1, 899.8, 317.7 ppb gold, 1.8, 2.4, 1.0 ppm silver, and 355.5, 221.2, and 39.7 ppm arsenic, respectively. Sample 185348 returned 90.3 ppm arsenic from quartz-carbonate altered volcanic sediments with pale green mica (mariposite). Other zones of strong ankerite and "listwanite" style alteration contained no significant values of gold.

A new logging road northwest of the Art grid cut moderate to strongly fractured, faulted volcanic sediments and quartz-sericite-ankerite alteration. In one

location, a northerly trending, 50 degree east dipping, 1.0 metre wide quartz carbonate vein with 5-7% pyrite occurs, however did not contain significant values.

6.2 Soil Geochemical Survey

Anomalous gold values occur in rock and drill core at the Art showing. A grid covering approximately 1.0 square kilometre area over the Art prospect was soil sampled at 50 metre intervals along lines 100 metre apart. The location of the grid is shown in Figures 2, 4, 5 and data plots for gold, silver, arsenic, copper, nickel, chromium are located in Figures 10-15, respectively. A general compilation of rock, drill holes and gold in soil geochemistry is provided in Figure 16.

Soil data was analyzed by Gemcom Software geostatistics. General Statistical results and Log normal probability plots are provided in Table 3 and Appendix 2, respectively. In general 90, 95 and 99% probability levels are low-order and subject to noise, but real anomalies.

Discordant gold and silver anomalies occur mostly in the east to northeast portion of the grid, are up to 400 metres in length, and in part remain open to the east, north and south, and anomalies of arsenic, copper, nickel and chromium are only locally coincident with gold or silver. Chromium anomalies may reflect mariposite mica in bedrock.

7. Conclusions

The Art-DL property is underlain by strongly deformed lower Nicola Group phyllite and volcanic rocks of basalt-andesite composition, cut by dikes or small plugs of quartz diorite and more felsic composition. The Eureka Thrust, part of a continental-scale fault system, widespread quartz, quartz carbonate and ankerite

veins, quartz-sericite-pyrite, and ankerite -carbonate alteration, along with widespread pyrite, arsenical pyrite or arsenopyrite minerals, and locally lead and associated gold- silver values occur.

At the DL prospect, a rusty, silicified graphitic phyllite and quartz vein material on the hanging-wall side of a 2 metre wide, north plunging quartz vein returned 0.50 metres containing10,242.6 ppb gold (10.24g/t gold), and 17.2 ppm silver, and 964.2 ppm lead. Rock sampling of quartz and quartz-carbonate veins containing pyrite to the south, west and north of the adit area failed to return significant values.

At the Art prospect, rock sampling of the road showings returned up to 1272 ppb gold (1.27 g/t gold), 2.4 ppm silver along with geochemically anomalous concentration of arsenic. Previous drilling at the showing returned 12.0 metres containing167 ppb (0.17g/t) gold, and 3500 ppm (0.35%) arsenic. A minimum 200 metre long and 50 metre wide soil geochemical anomaly of gold occurs in this area. In addition, a soil geochemical anomaly of gold approximately 400 metres long and 50-100 metres wide occurs in an area with no samples or drill holes to the northeast.

The source and extent of several soil geochemical anomalies remains unknown on the Art and DL prospects. The nature and character of the geology, alteration and metals present on the property suggest potential for intrusive-related or sediment hosted base metal and gold-silver deposits.

8. Recommendations

Further work is recommended totaling $50,000 for the ART-DL property in the form of:

1) Prospecting, geological mapping, and rock sampling in areas not previously covered.

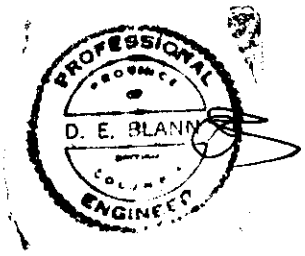
3) Detailed examination and sampling of 2001 drill core.
4) Machine trenching of the Art prospect and new zones detected by the proposed work program.

Respectfully Submitted

David Blann, P.Eng.

Jan 16/05

Date



9. Statement of Costs

Wages			# days	$/day		Totals
D. Blann, P.Eng			5	500		$2,500.00
D. Ridley, Prospector			10.5	325		$3,412.50
D. Black, Prospector			15	250		$3,750.00
G. Thomson, P.Geo			1	400		$400.00
C. Blann MSc			0.3	225		$67.50
						$10,130.00
Disbursements						
Truck			20	93		$1,852.87
Room/Board			31.8	60		$1,908.00
Communications			31.8	5		$159.00
Field Supplies						$160.02
Analyses						
	Assays	rocks	53	16.5		$874.50
		soil	185	12.4		$2,294.00
Reproductions						$350.00
Report						$2,500.00
						$10,098.39
					Wages and Disbursements	$20,228.39
					10% on Wages and Disbursements	$2,022.84
						$22,251.23
					GST @ 7%	$1,557.59
						$23,808.82

10. References

Blann, D., Ridley, D., Geological Report on the Art-DL Property, Happy Creek Minerals LTd, February, 2005.

Durfeld, R. (1988): Geochemical and Geological Report on the REC Mineral Claim; owners report, *BC Ministry of Energy and Mines*, Assessment Report 17646

Ridley, D. (1992): Prospecting Report on the Deception Ledge Property; owners report, *BC Ministry of Energy and Mines*, Assessment Report 22460.

Ridley, D. and Dunn, D. (1993): Geological and Geochemical Report on the Deception Ledge Property; Pioneer Metals Corporation, *BC Ministry of Energy and Mines*, Assessment Report 23201.

Panteleyev, A., Bailey, D, Bloodgood, M. and Hancock, K. (1996): Geology and Mineral Deposits of the Quesnel River – Horsefly Map Area, Central Quesnel Trough, British Columbia; *BC Ministry of Energy and Mines, Geological Survey Branch*, Bulletin 97.

Adamec, D. (1999): Report on the Art Property; Mandalay Resources Corporation, *BC Ministry of Energy and Mines*, Assessment Report 25800.

Ronyecz, E. (2001): Report on the Ledge Property; Mandalay Resources Corporation, *BC Ministry of Energy and Mines*, Assessment Report 26607.

Christopher, P. (1999): Assessment Report on the DL Claims, Ledge Property; Mandalay Resources Corporation, *internal report*.

Basil, C. and Hancock, K. (2000): Geology and Geophysical Report on the Ledge Property; TNR Resources Ltd. and Ivory Oils and Minerals Inc., *BC Ministry of Energy and Mines*, Assessment Report 26268.

Anon. (2001): Mandalay Resources Corporation, Audited Financial Statements, December 31, 2001, Year end.

Ridley, D. (2001): Diamond Drilling Report on the ART 1 – 4 Mineral Claims; owners report, *BC Ministry of Energy and Mines*, Assessment Report 26821.

Hancock, K.D. (2004): Compilation Report on the Art Mineral Property; prepared for Wind River Resources Ltd.; February 2004.

11. Statement of Qualifications

I, David E. Blann, P.Eng., of Squamish, British Columbia, do hereby certify:

That I am a Professional Engineer registered in the Province of British Columbia.

That I am a graduate in Geological Engineering from the Montana College of Mineral Science and Technology, Butte, Montana, 1987.

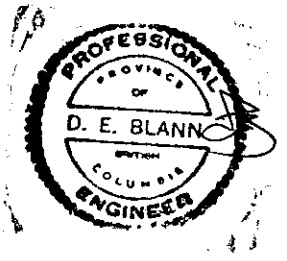
That I am a graduate in Mining Engineering Technology from the B.C. Institute of Technology, 1984.

That I have been actively engaged in the mining and mineral exploration industry since 1984, and conclusions, recommendations within this report are based on regional and property fieldwork conducted between 1991 and 2005.

That I have an interest in the Art DL Claims.

Dated in Squamish, B.C., January 13, 2006

David E Blann, P.Eng.



Tables

Table 1
Mineral Tenure

Claim Name	Tenure #	Area (ha)	Expiry Date*
	518932	815.7	Jan 31, 2009
Art 7	505176	477.4	Jan 29, 2006
Art 1	359881	25	Jan 31, 2009
Art 2	359882	25	Jan 31, 2009
Art 3	359883	25	Jan 31, 2009
		1368.1 ha	

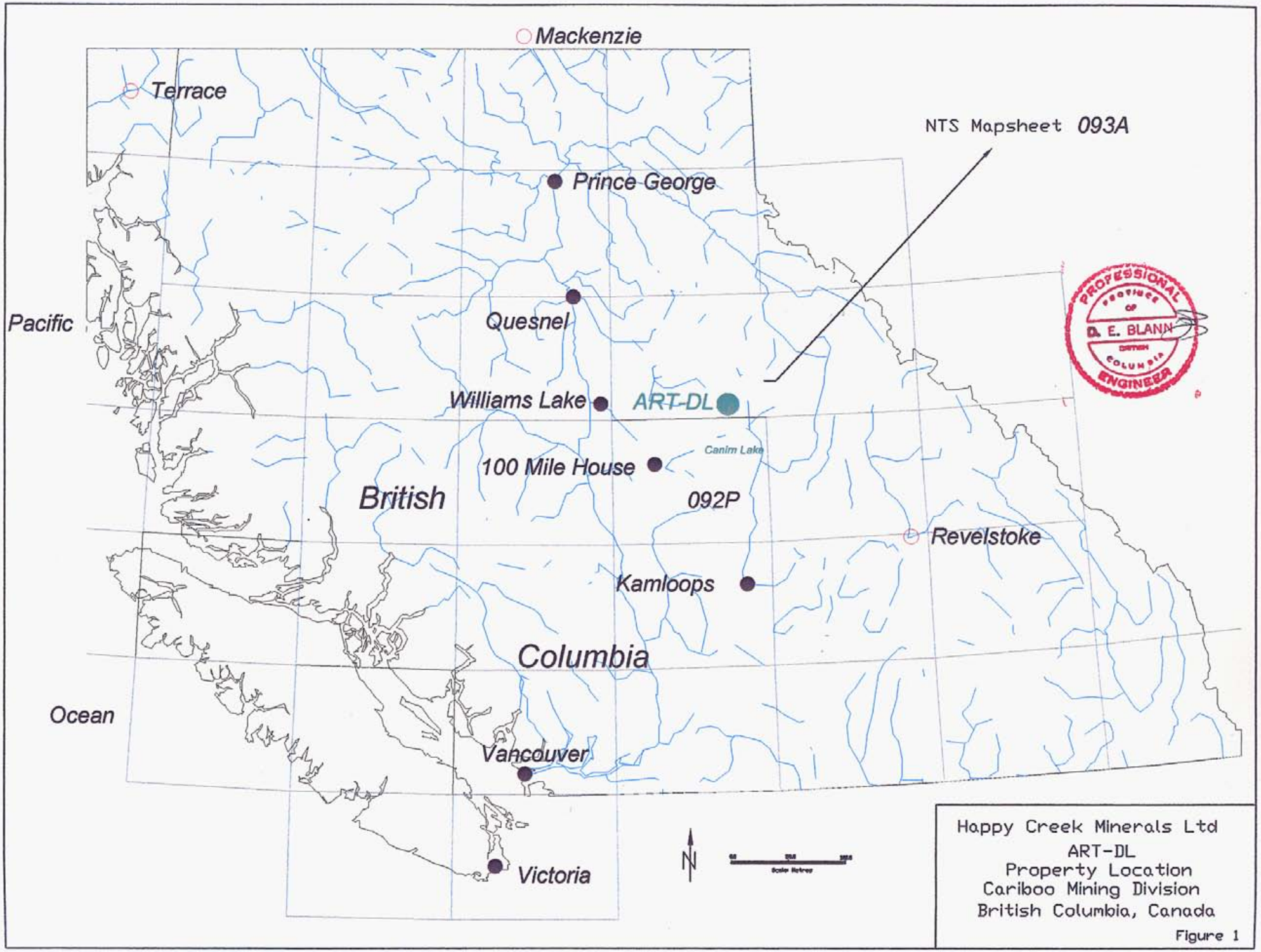
*on assessment report approval

Table 2
Rock Sample Descriptions

imple ID	Easting	Northing	Description
175583	662844	5765320	Grab O/C in ditch. Pale green f.g. Fp Mz, diss. Py, fractures 1 cm wide, vuggy Qtz FeOx 120/80
175584	663949	5763750	Grab FpMz / dacite, wk Ser-Ep matrix x-cut by Ep-2K veins + tr Cp 070/80
175585	663949	5763688	2.0mGrab/chip BpMz, Ep veins Py+/-Ca.
175586	666483	5764459	DH #2, Qvn SVB, O/C. Grab of Qtz vein, Ser-graphite+/-ankerite+cubic Py+/- tr Gl, soft Qtz / chalky-white.
175587	666821	5764520	DL Road, S/C, BL000036? Qvn-PeBx-sil/brittle Py+/-Gl, Ank blobs, knotty phyllite+/-graphite (ser?) sch+/-ank
175588	666209	5765066	Q float boulder. Cream-white Qtz wk ser/graph+/-Ank clots 200 m up from adit, old line JB 7+25 W
175589	666500	5764530	Float Qvn 2 kg, heavy Ank, red-brn FeOx, graph phyllite+/-(musc?). Lim after Py coarse clots, completely replaced.
175592	666489	5764996	0.5m At adit, Qtz+phyll/graph. Py-lim vugs. Chip top qtz vn+ black phyllite, py, lim, hem, tr gl.
175593	663954	5763756	Art at 3m SE of 184283. Grab of B-Fp Qdi rock from soil pit/ rubble beside road. (Artr-S-1), Py5-(Po), f.g. Qtz Diorite shear (2m wi
184267	666470	5764455	ang float; 5 m south of drill collar (UTM); qtz-carb in blk phyllite; minor py
184268	666473.5	5764452	ang float; qtz veining in blk phyllites; grab of rubble
184269	666477	5764448	ang float; qtz in blk phyllite with 1% py; on drill trail
184270	666480.5	5764445	grab across 5 meters outcrop and subcrop; blk phyllites with qtz-carb stringers
184271	666585	5764354	grab 1 meter wide qtz vein outcrop; trends 290\40N; tr py; phyllite bx frags
184272	666058	5765555	ang float; f gr blk seds with carb stockwork; no visible sulphides
184273	664353	5763317	ang float; qtz-ankerite veins in graphic phyllite; tr py
184274	662124	5765338	grab 4 meters outcrop; pyritic seds; small shear trends 320\50N; py-po to 10%
184275	662187	5765329	grab subcrop; finely bamded seds with carb stringers and vug fills; 2-3% py-po
184276	662188	5765328	ang float; aug porp bx with hornfelsed clasts and green (diopside?) matrix; 3-4% py-po
184277	662438	5765052	grab outcrop; f gr volc with stingers of green (diopside?) alt; 330\70E; minor py-po
184278	662791	5765325	ang float; carb-qtz vein material; 3-5% f gr py
184279	662803	5765316	grab poorly exposed qtz vein; +1 m wide trends 350\50E; 5-7% py
184280	662803	5765316	grab footwall of vein 279; sericite; 5-7% py
184281	662752	5765333	grab subcrop; lt green f gr volc; carb alter; 3-5% po
184282	663942	5763710	grab subcrop?; horn-bt diorite with fracture fill py up to 5%; minor ep-chlorite
184283	663952	5763758	ang float; as at 184282 but pyrite up to 10%
184284	663952	5763758	re-sample of 151654 (2004); intrusive as at 184282 and 283
184285	662850	5765319	grab subcrop; rusty weathering volcanic?; up to 7% py
184286	663937	5763694	grab 1 meter outcrop; basalt with carb-epidote. Minor py
184287	666389	5764980	
184288	662467	5765000	ang float; grey volc with ep-garn-pyrox alter; tr po; mag
184289	662467	5765000	grab 1.5 m outcrop; carb-pryox stringers trend 320\75E; tr py
184290	662456.5	5764990	ang float; hornfelsed volc with carb-pyrox-garnet stringers; tr po
184291	662455.5	5764989	as 184290 but more garnet-pyrox stringers
184292	662418	5765089	ang float; aug porp with pyrox-garnet alteration; 1-2% po
184293	664464	5764336	grab 2 m outcrop; qtz-ank alter in aug porp bx; trends 040\60E; fractures at 075\70S
185342	666575	5764502	ang float; blk phyllite with qtz-ank veinlets; minor py-gal
185343	666486	5764437	ang float; as at 185342; minor galena
185344	666500	5764437	float? Qtz-ank vein; minor py-gal
185345	666575	5764502	ang float; qtz in blk phyllite; minor py
185346	666107	5765480	qtz-ank veins in blk phyllite; minor py; beside 185345
185347	663894	5765162	ang float (subcrop?); hornfelsed, silicified; minor po
185348	664509	5764287	ang float; qtz-carb alt volc seds; green mica (mariposite?); minor py
185349	664467	5764071	grab outcrop; qtz-carb stockwork; py-po
185350	664468	5763869	grab outcrop; as at 185349

185351	664425	5763777	1 m grab outcrop; "listwanite zone"
185352	664428	5763679	grab from subcrop; "listwanite zone"
185353	664091	5763582	ang float; altered volcanic? Intrusive? Silicified; po-mag
185354	664031	5763778	ang float; qtz-carb alt; highly fractured; minor py
185355	664500	5763873	grab qtz vein 75 cms in blk phyllite; minor py
185356	664447	5763621	outcrop; vuggy qtz vein; 50 cms wide;
185357	664437	5764064	grab outcrop; qtz-ank alt; "listwanite zone"
185358	664437	5764082	ang float; qtz-ank boulder
DB-DL-1	666370	5764375	Soil adjacent old line in gully trending 080. Grey, wet, sandy clay 40cm.
B-DL-2	666331	5764384	Soil grey-brown subcrop - graphitic phyllite 58cm.
B-DL-3	666331	5764458	Soil wet, grey-brown, silty sand. Root wad in wet swamp. Near top of soil anomaly (01DH-4).

Figures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Kamloops
Columbia
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Vancouver
Victoria
PROFESSIONAL ENGINEER
D. E. BLANN
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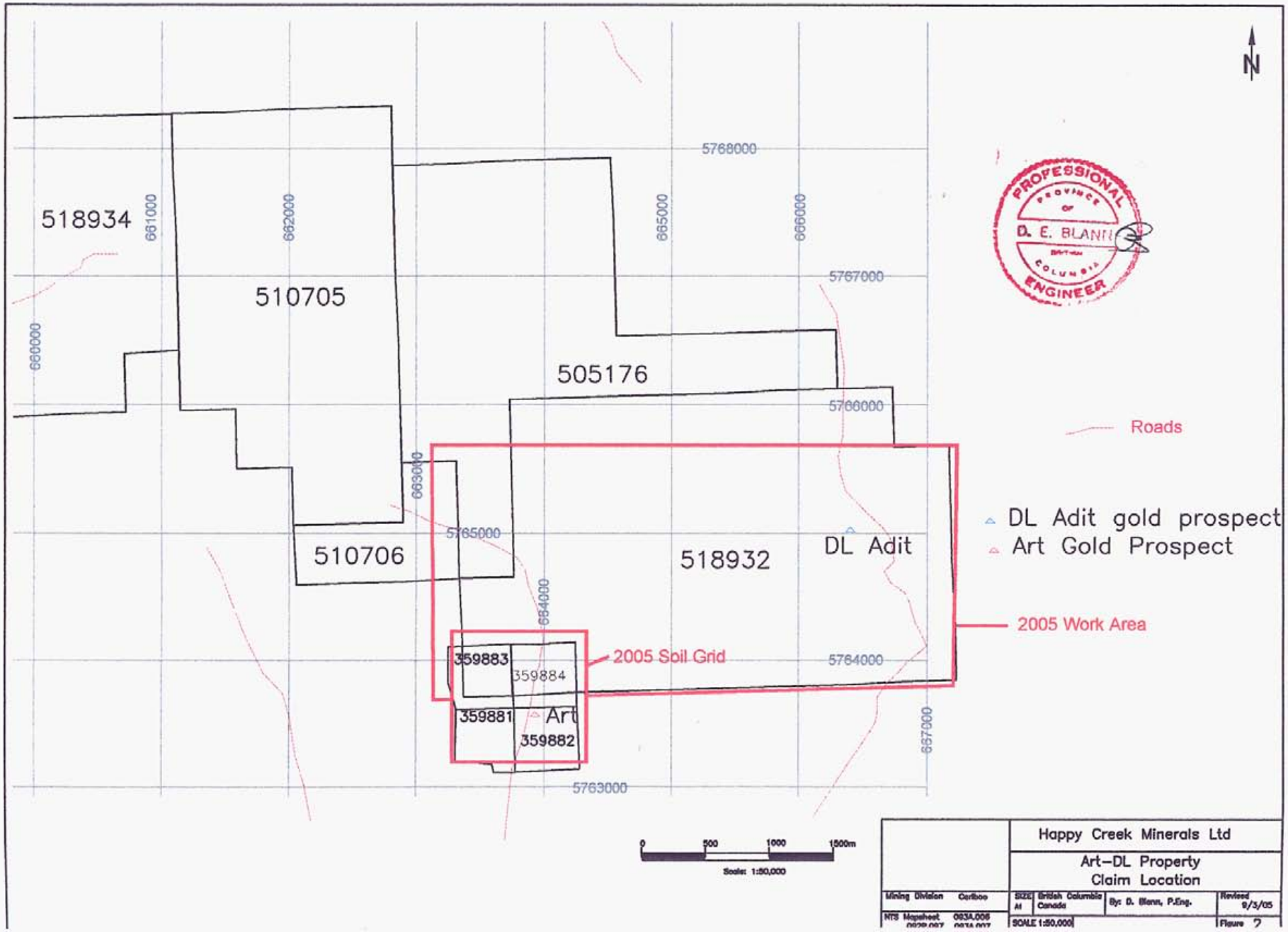
Happy Creek Minerals Ltd
ART-DL
Property Location
Cariboo Mining Division
British Columbia, Canada
Figure 1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Roads
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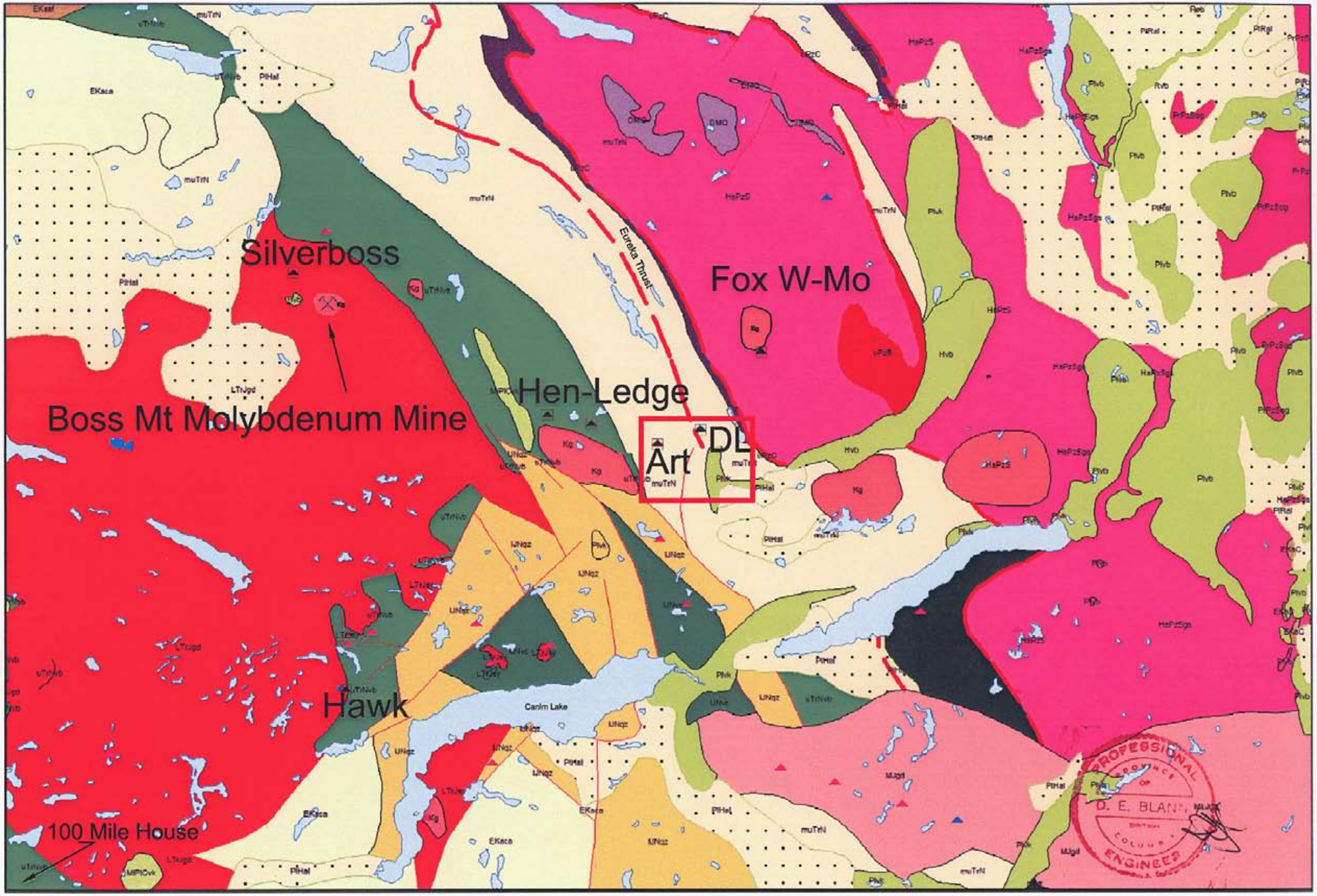
510706
518932
DL Adit
DL Adit gold prospect
Art Gold Prospect
664000
2005 Work Area
359883
2005 Soil Grid
5764000
359884
359881
Art
359882
667000
5763000
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN
0 500 1000 1500m
Scale: 1:50,000
Happy Creek Minerals Ltd
Art–DL Property
Claim Location
Mining Division Cariboo
NTS Mapsheet 083A.006
SIZE A
British Columbia Canada
By: D. Blann, P.Eng.
Revised 9/3/05
SCALE 1:50,000
Figure 2



Geology Legend

PlHal	Pleistocene to Holocene Glacial Till, Alluvium
Hvb	Holocene Basaltic Volcanic Rocks
EKaca	Eocene Kamloops Group Calcalkaline Volcanic Rocks
Plvb	Pleistocene Basaltic Volcanic Rocks
Plvk	Pleistocene Alkaline Volcanic Rocks
LJNvc	Lower Jurassic Nicola Group Volcaniclastics
LJNqz	Lower Jurassic Nicola Group Quartzite, Quartz arenite sedimentary Rocks
muTrN	Middle-Upper Triassic Basal black phyllite, minor volcanic rocks
uTrNvb	Upper Triassic Nicola Group Basaltic Volcanic Rocks
uPzB	Upper Paleozoic Black Riders Mafic Ultramafic Complex
DMQ	Devonican to Permian Fennal Formation Basaltic Volcanic Rocks
HaPzSgs	Hadrinian to Paleozoic Snowshoe Group Greenstone, Greenschist, Metamorphic Rocks
HaPzS	Hadrinian to Paleozoic Snowshoe Group Undivided
Kg	Cretaceous undivided intrusive rocks
MJgd	Middle Jurassic Granodiolite Intrusive Rocks
LTrJgd	Late Triassic-Early Jurassic Granodiorite
LTrJsy	Late Triassic-Early Jurassic syentite, monzonite

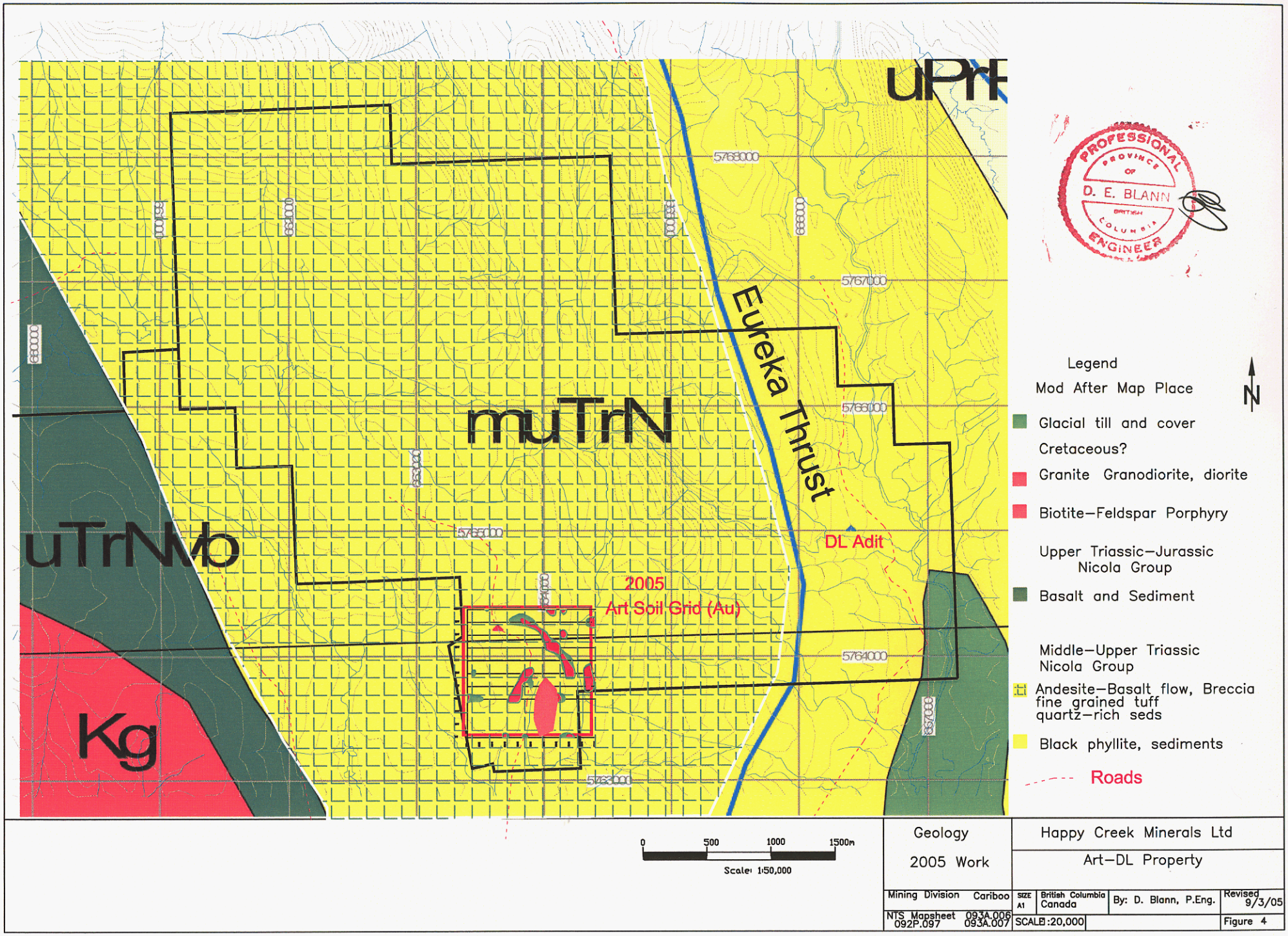
Fault
Thrust Fault

N

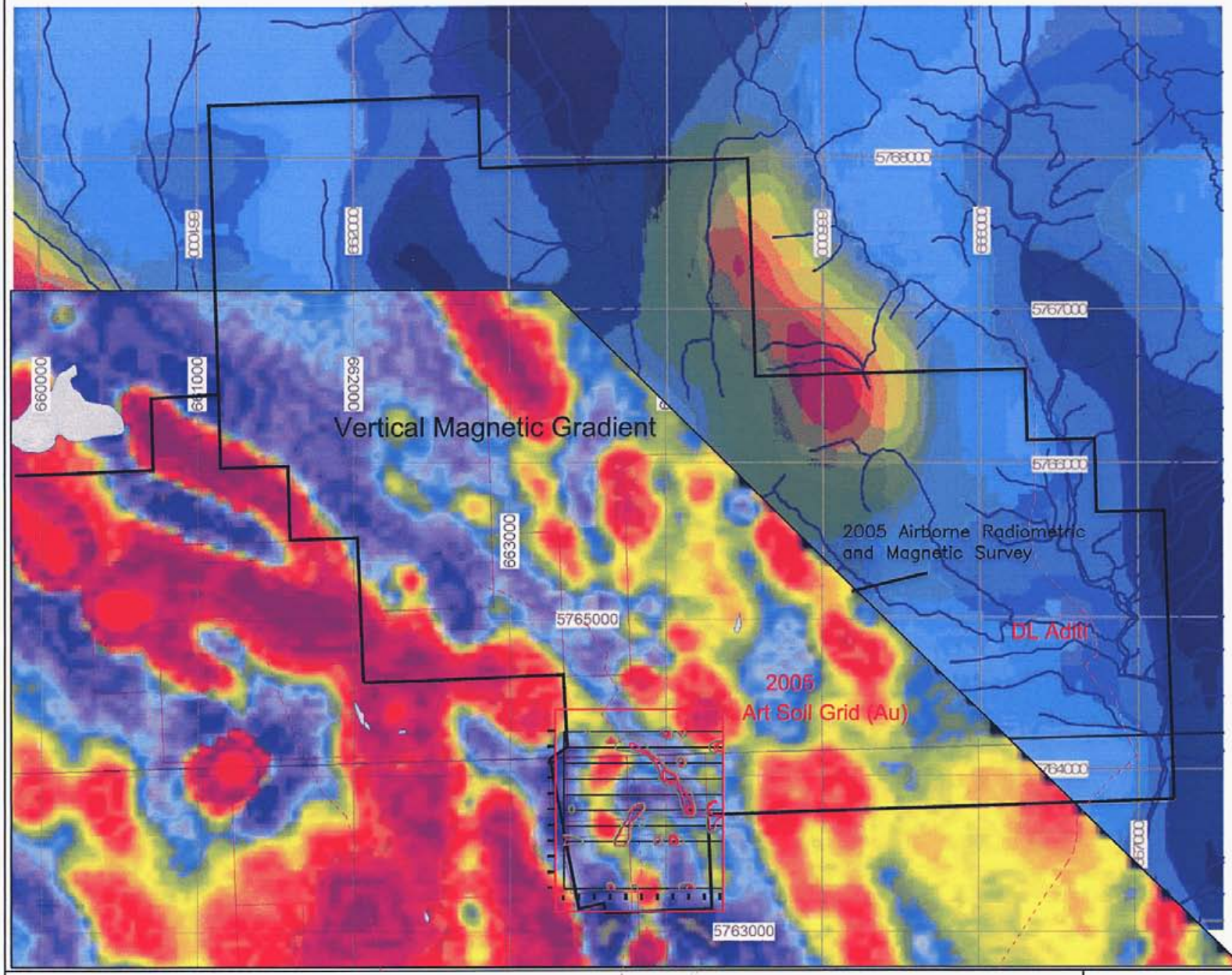
0.0 5 10 km
Scale Kilometres

Happy Creek Minerals Ltd
Caribao Project Area
Regional Geology
Canim Lake Area, B.C., Canada
Mapsheets: 092P, 093A
D. Blann, P.Eng. Feb, 2005

Figure: 3



Geology 2005 Work		Happy Creek Minerals Ltd		
		Art–DL Property		
Mining Division Cariboo	SIZE A1	British Columbia Canada	By: D. Blann, P.Eng.	Revised 9/3/05
NTS Mapsheet 092P.097 093A.006 093A.007	SCALE 1:20,000			Figure 4



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PROVINCE OF BRITISH COLUMBIA
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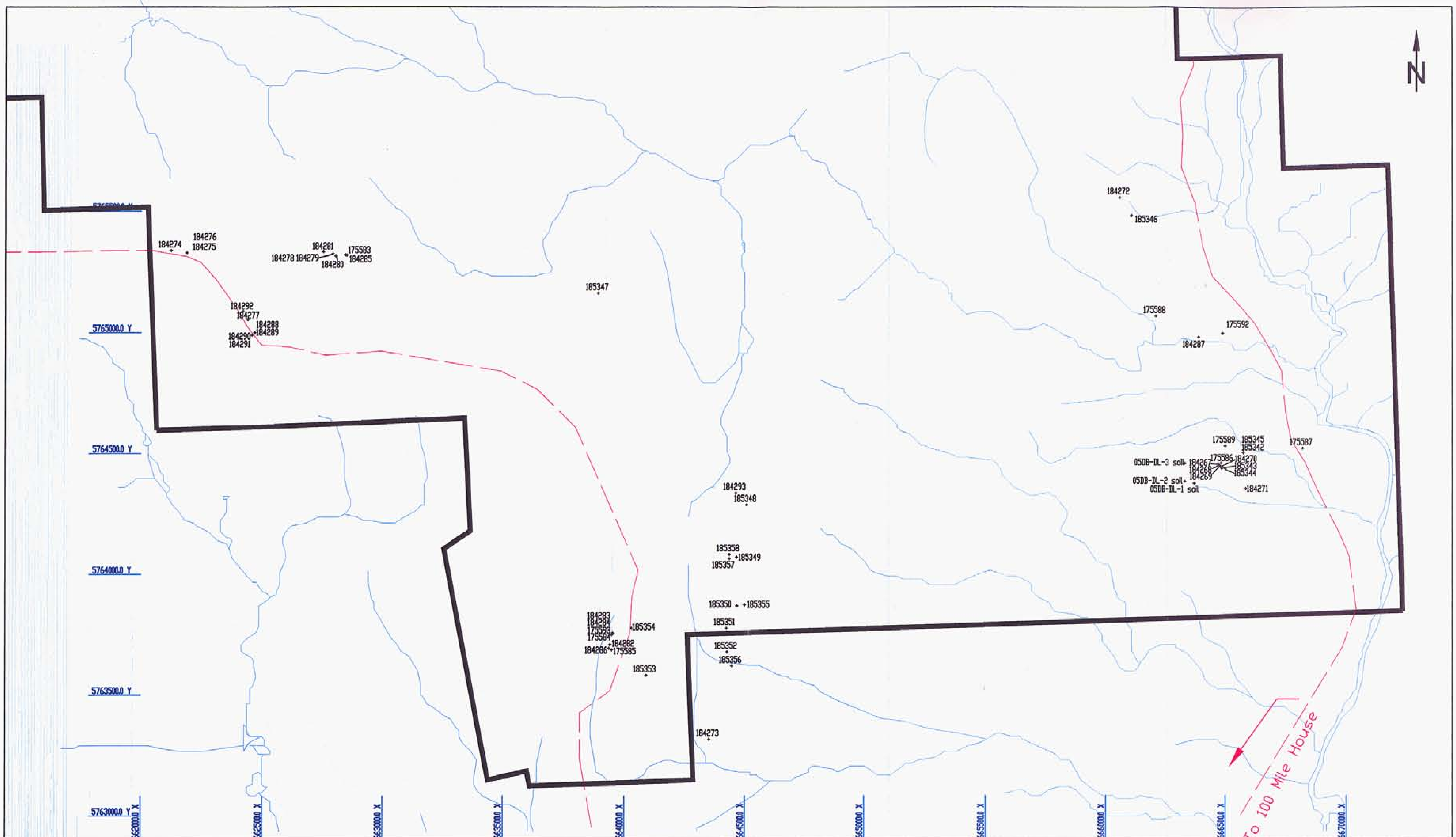
Zone 10 Magnetics

Happy Creek Minerals Ltd

Art–DL Property
Airborne Magnetic Survey

Mining Division Cariboo Clinton	SIZE A1	British Columbia Canada	By: D. Blann, P.Eng.
NTS Mapsheet 093A.006 092P.097 093A.007	SCALE as shown		Figure 5

Revised 9/3/05



Sample ID	Description
175583	Grab O/C in ditch. Pale green f.g. Fp Mz?, diss. Py, fractures 1 cm wide, vuggy Qtz FeOx 120/80
175584	Grab FpMz / dacite, wk Ser-Ep matrix x-cut by Ep-Qtz veins + tr Cp 070/80.
175585	Grab/chip BpMz, Ep veins Py+/-Ca.
175586	DDH #2, Qvn SVB, O/C. Grab of Qtz vein, Ser-graphite+/-ankerite+cubic Py+/- tr Gl, soft Qtz / chalky-white.
175587	DL Road, S/C, BL6000387. Qvn-Pelite-sil/brittle Py+/-Gl, Ank blobs, knotty phyllite+/-graphite (ser?) schist+/-ank
175588	Q float boulder. Cream-white Qtz wk ser/graph+/-Ank clots 200 m up from adit, old line. JB 7+25W
175589	Float Qvn 2 kg, heavy Ank, red-lim FeOx, graph phyllite+/-(musc?). Lim after Py coarse clots, completely replaced.
175592	At adit. Qtz+phyl/graph. Py-lim vugs. Chip top qtz vn+ black phyllite, py, lim, hem, tr gl.
175593	Art prospect at 3m SE of 184283. Grab of sheared B-Fp Qdi rock from soil pit/ rubble beside road. (Art-S-1), Py8-(Po), f.g. Q?? Diorite shear zone (2m wide).
184267	ang float; 5 m south of drill collar (UTM); qtz-carb in blk phyllite, minor py
184268	ang float; qtz veining in blk phyllites; grab of rubble
184269	ang float; qtz in blk phyllite with 1% py; on drill trail
184270	grab across 5 meters outcrop and subcrop; blk phyllites with qtz-carb stringers
184271	grab 1 meter wide qtz vein outcrop; trends 350 140N; tr py, phyllite bx frags
184272	ang float; f gr blk seds with carb stockwork; no visible sulphides

Sample ID	Description
184273	ang float; qtz-ankerite veins in graphic phyllite; tr py
184274	grab 4 meters outcrop; pyritic seds; small shear trends 320/50N; py-po to 10%
184275	grab subcrop; finely banded seds with carb stringers and vug fills; 2-3% py-po
184276	ang float; aug porp bx with hornfelsed clasts and green (diopside?) matrix; 3-4% py-po
184277	grab outcrop; f gr volc with stingers of green (diopside?) alt; 330 \70E; minor py-po
184278	ang float; carb-qtz vein material; 3-5% f gr py
184279	grab poorly exposed qtz vein; +1 m wide trends 360/40E; 5-7% py
184280	grab footwall of vein 279; sericite; 5-7% py
184281	grab subcrop; lt green f gr volc; carb alter; 3-5% po
184282	grab subcrop?; horn-bt diorite with fracture fill py up to 3%; minor ep-chlorite
184283	ang float; as at 184282 but pyrite up to 10%
184284	re-sample of 151654 (2004); intrusive as at 184282 and 283
184285	grab subcrop; rusty weathering volcanic?; up to 7% py
184286	grab 1 meter outcrop; basalt with carb-epidote. Minor py
184287	
184288	ang float; grey volc with ep-garn-pyrox alter; tr po; mag
184289	grab 1.5 m outcrop; carb-pyrox stringers trend 320\75E; tr py
184290	ang float; hornfelsed volc with carb-pyrox-garnet stringers; tr po
184291	as 184290 but more garnet-pyrox stringers
184292	ang float; aug porp with pyrox-garnet alteration; 1-2% po

Sample ID	Description
184293	grab 2 m outcrop; qtz-ank alter in aug porp bx; trends 040/60E; fractures at 075 \70S
185342	ang float; blk phyllite with qtz-ank veinlets; minor py-gal
185343	ang float; as at 185342; minor galena
185344	float? Qtz-ank vein; minor py-gal
185345	ang float; qtz in blk phyllite; minor py
185346	qtz-ank veins in blk phyllite; minor py; beside 185345
185347	ang float (subcrop?); hornfelsed, silicified; minor po
185348	ang float; qtz-carb alt volc seds; green mica (mariposite?); minor py
185349	grab outcrop; qtz-carb stockwork; py-po
185350	grab outcrop; as at 185349
185351	1 m grab outcrop; "listwanite zone"
185352	grab from subcrop; "listwanite zone"
185353	ang float; altered volcanic? intrusive? Silicified; po-mag
185354	ang float; qtz-carb alt; highly fractured; minor py
185355	grab qtz vein 75 cms in blk phyllite; minor py
185356	outcrop; vuggy qtz vein; 50 cms wide;
185357	grab outcrop; qtz-ank alt; "listwanite zone"
185358	ang float; qtz-ank boulder
05DB-DL-1	Soil adjacent old line in gully trending 060. Grey, wet, sandy clay 40cm.
05DB-DL-2	Soil grey-brown subcrop - graphitic phyllite 55cm
05DB-DL-3	Soil wet, grey-brown, silty sandy slop. Root wad in wet swamp. Near top of soil anomaly (01DH-4).

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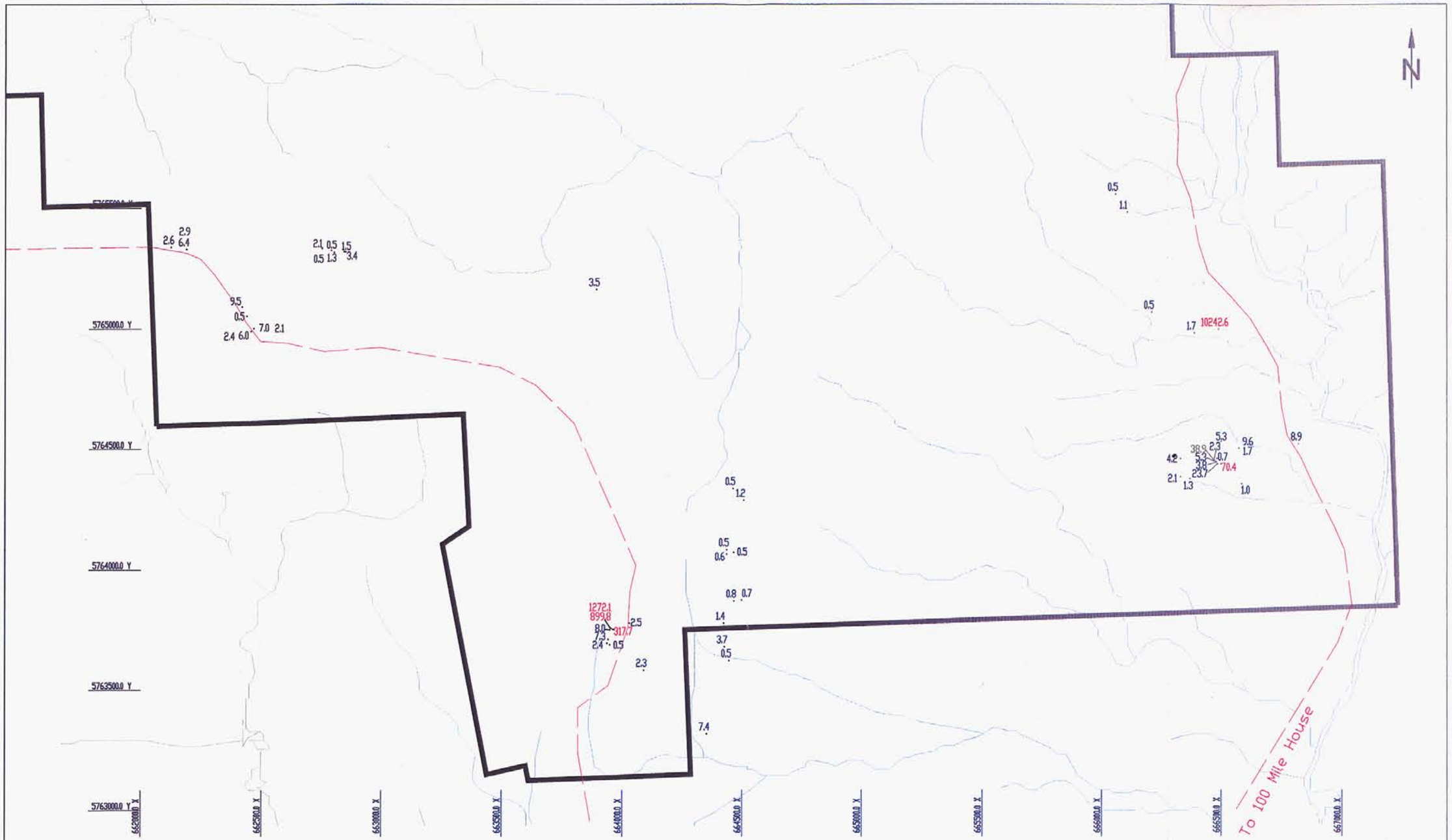
D. E. BLANN

0 500 1000 1500m

Scale: 1:20,000

2005 Rock Samples Descriptions	Happy Creek Minerals Ltd		
	Art -DL Property Rock Sample Locations		
Mining Division Cariboo	SIZE A1 British Columbia Canada	By: D. Blann, P.Eng.	Revised 9/3/05
NTS Mapsheet 093A.006 093A.007 092P.097	SCALE as shown		Figure 6



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PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

0 500 1000 1500m

Scale: 1:20,000

2005
Rock Samples

Happy Creek Minerals Ltd

Art –DL Property
Gold in Rocks (ppb)

Mining Division Cariboo	SIZE A1	British Columbia Canada	By: D. Blann, P.Eng.
NTS Mapsheet 093A.007	SCALE 1:20,000		Revised 9/3/05
			Figure 7

0 500 1000 1500m

Scale: 1:20,000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D. E. BLANN

2005
Rock Samples

Happy Creek Minerals Ltd

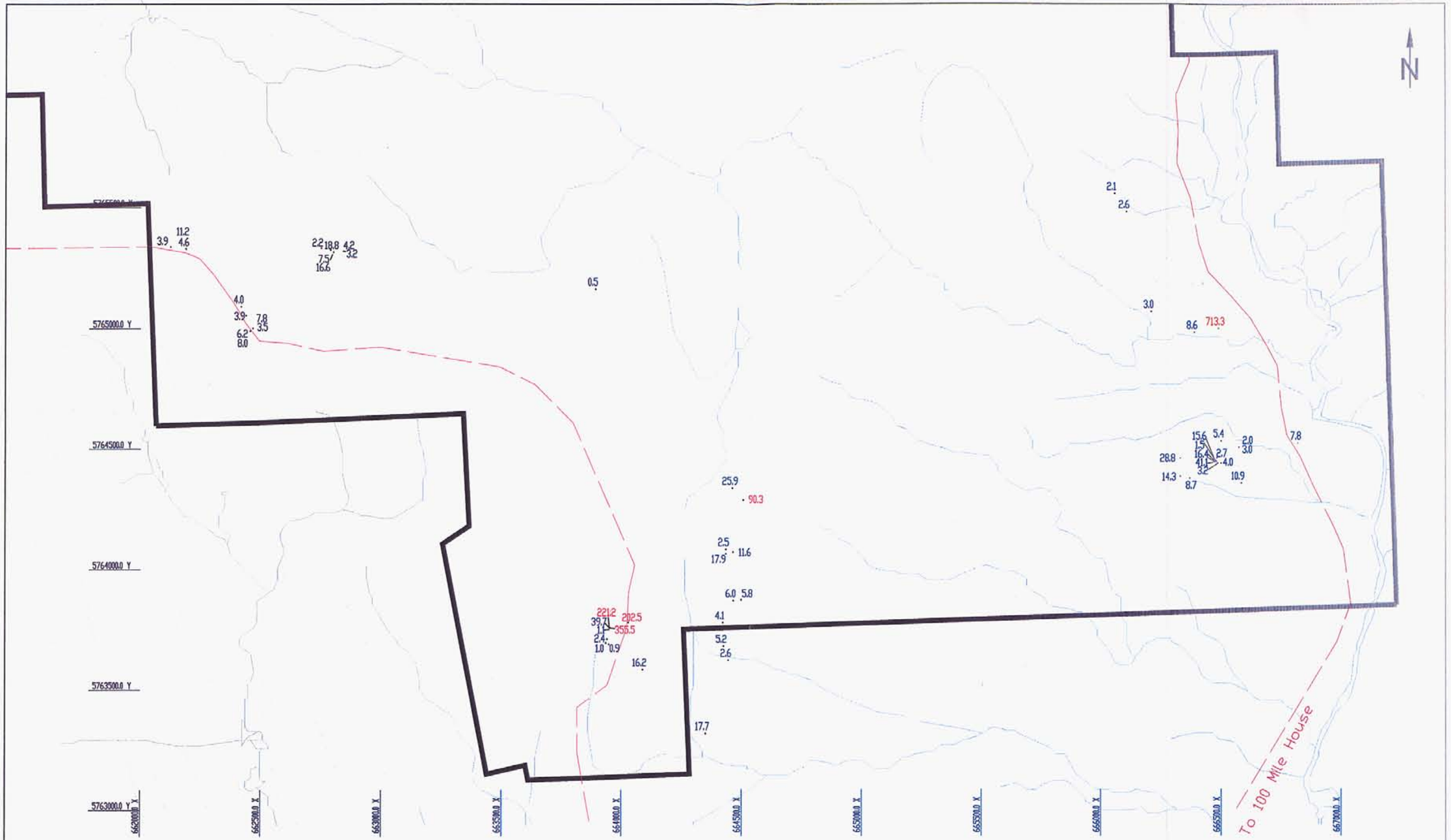
Art –DL Property
Silver in Rocks (ppm)

Mining Division Cariboo

NTS Mapsheet 093A.007

SIZE A1 | British Columbia Canada | By: D. Blann, P.Eng. | Revised 9/3/05

SCALE 1:20,000 | Figure 8

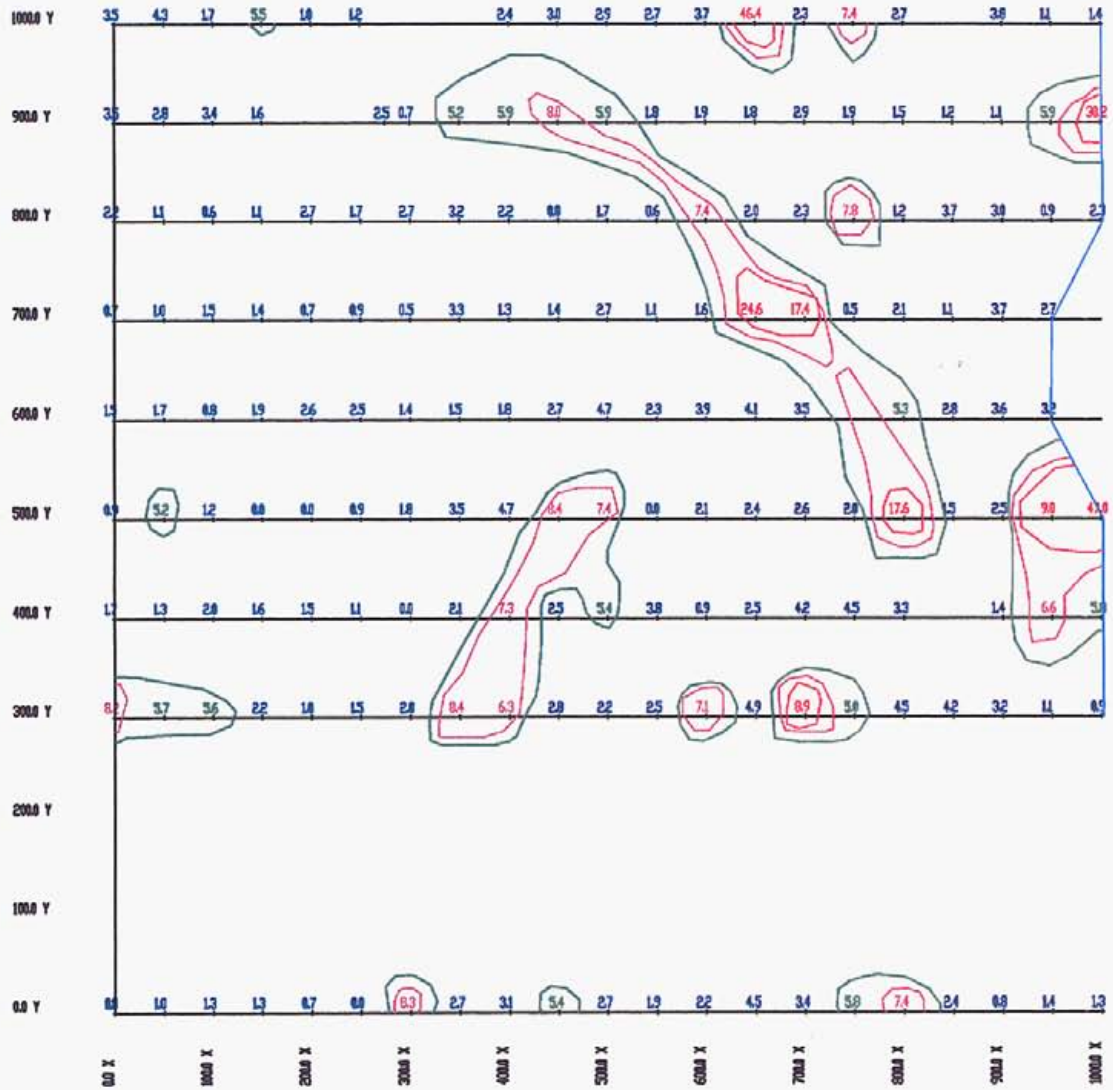


PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

0 500 1000 1500m

Scale: 1:20,000

2005 Rock Samples	Happy Creek Minerals Ltd
	Art –DL Property Arsenic in Rocks (ppm)
Mining Division Cariboo	SIZE A1 · British Columbia Canada · By: D. Blann, P.Eng. · Revised 9/3/05
NTS Mapsheet 093A.007	SCALE 1:20,000 · Figure 9



N

Soil

Au(ppb)

99%	———	8.6–49 ppb
95%	———	6.3–8.6 ppb
90%	———	5–6.3 ppb

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D. E. BLANN

0 50 100 150m
Scale: 1:5,000 Metres

Au(ppb) in Soil

Happy Creek Minerals Ltd

Art–DL Property
2005 Art Grid

Mining Division: Cariboo Clinton
NTS Mapsheet: 093A.007 093A.006 092P.097

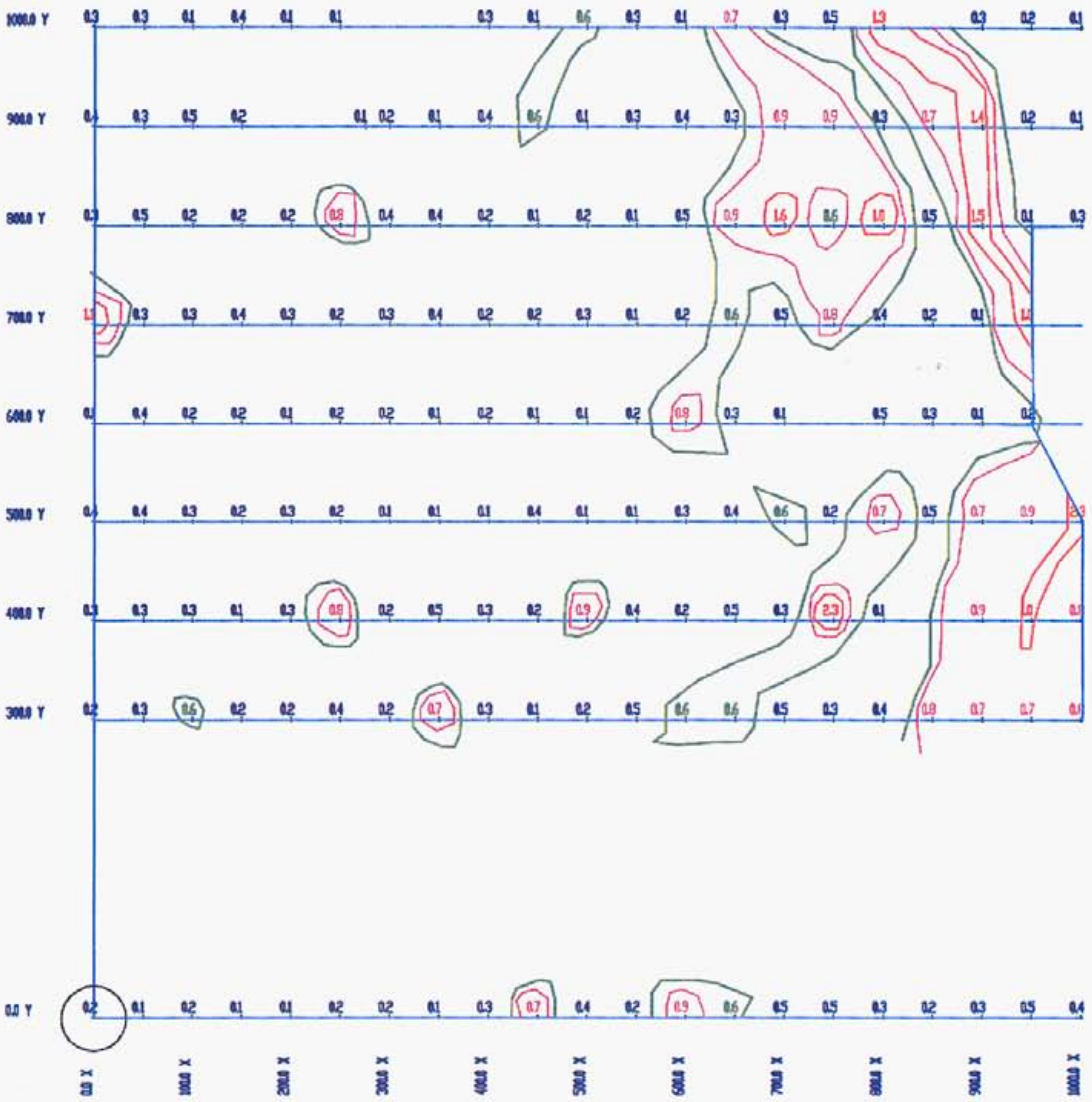
Size: B3 | British Columbia Canada

By: D. Blann, P.Eng. By: D. Ridley

Revised: 01/06/09

Scale: As shown

Figure 10



Soil

Ag(ppm)

99%	———	0.94–10ppm
95%	———	0.69–0.94ppm
90%	———	0.59–0.69 ppm

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PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

0 50 100 150m
Scale: 1:5,000 Metres

Ag(ppm) in Soil

Happy Creek Minerals Ltd

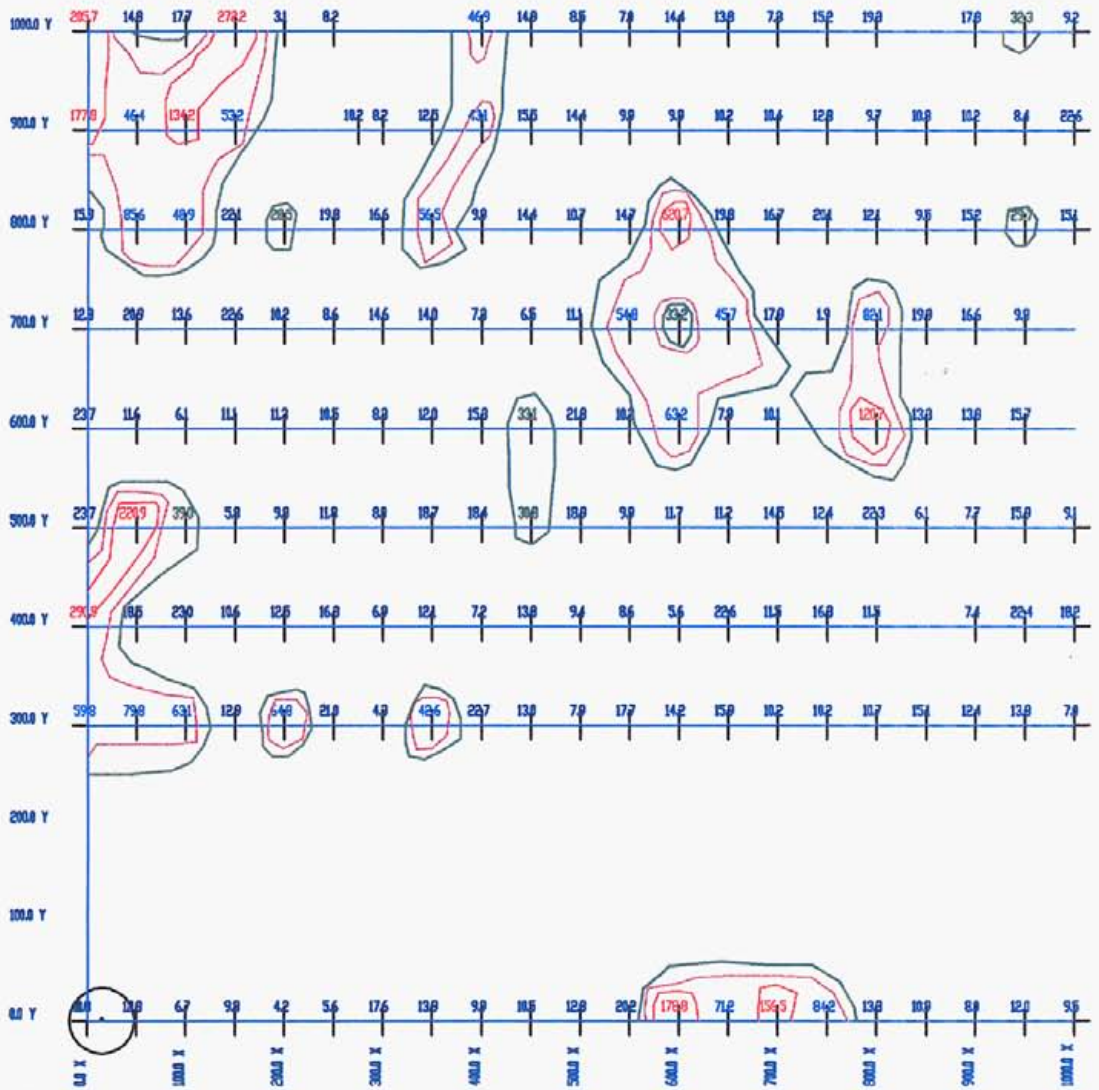
Art–DL Property
2005 Art Grid

Mining Division
Cariboo Clinton

NTS Mapsheet 093A.007
093A.006 092P.097

SIZE B3 | British Columbia Canada | By: D. Blann, P.Eng. | Revised 01/08/06

SCALE As shown | Figure 11



Soil

As (ppm)

99%		86.3–621.0ppm
95%		40–86.3ppm
90%		28.0–40.0ppm

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D. E. BLANN

0 50 100 150m

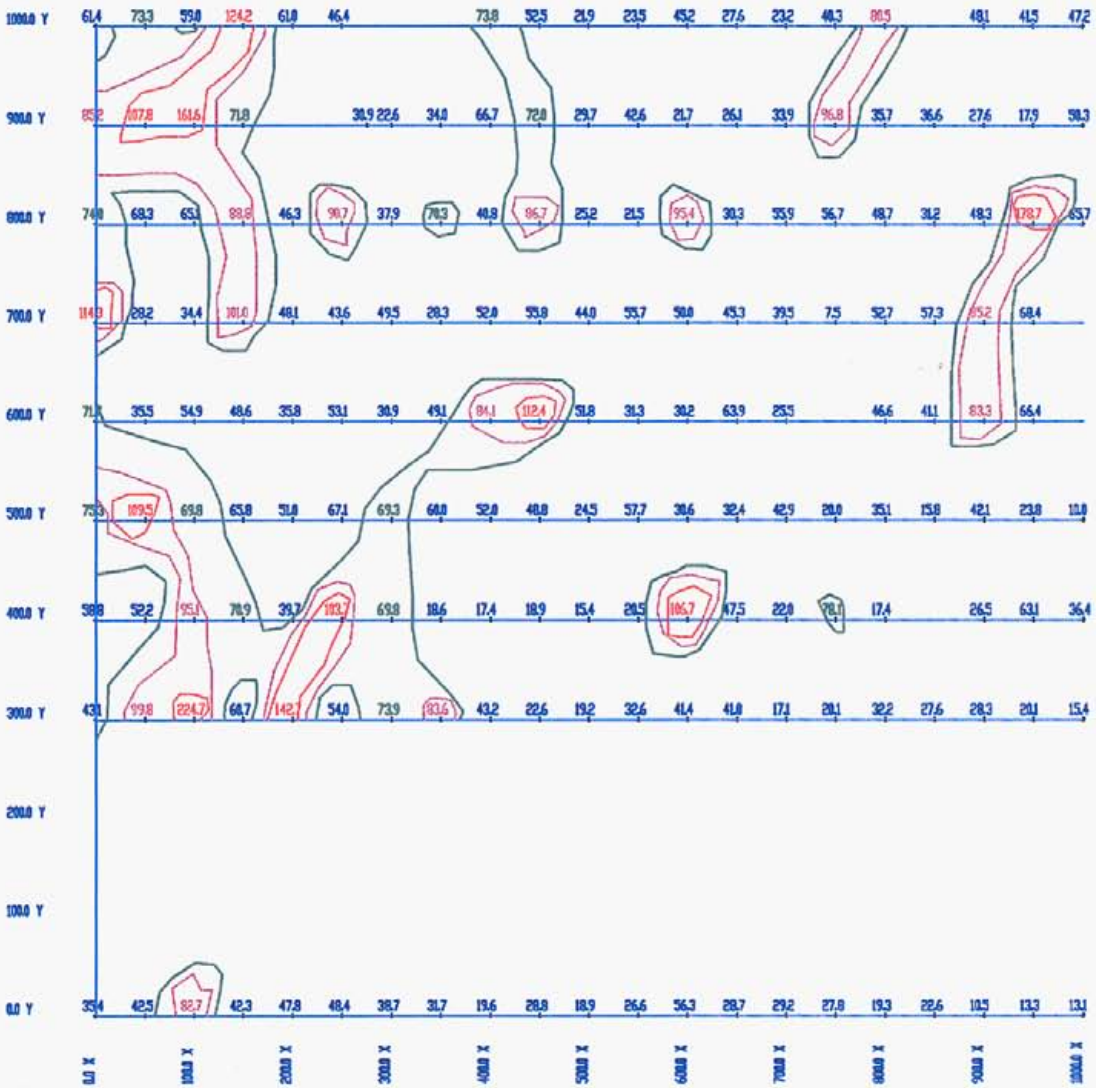
Scale: 1:5,000 Metres

As(ppm) in Soil

Happy Creek Minerals Ltd

Art–DL Property
2005 Art Grid

Mining Division Cariboo Clinton	SIZE B3	British Columbia Canada	By: D. Blann, P.Eng.
NTS Mapsheet 093A.007 093A.006 092P.097	SCALE As shown		Figure 12



N

Soil

Cu (ppm)

99%	———	102.0–250.0ppm
95%	———	79.0–102.0 ppm
90%	———	69.0–79.0 ppm

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0 50 100 150m

Scale: 1:5,000 Metres

Cu (ppm) in Soil

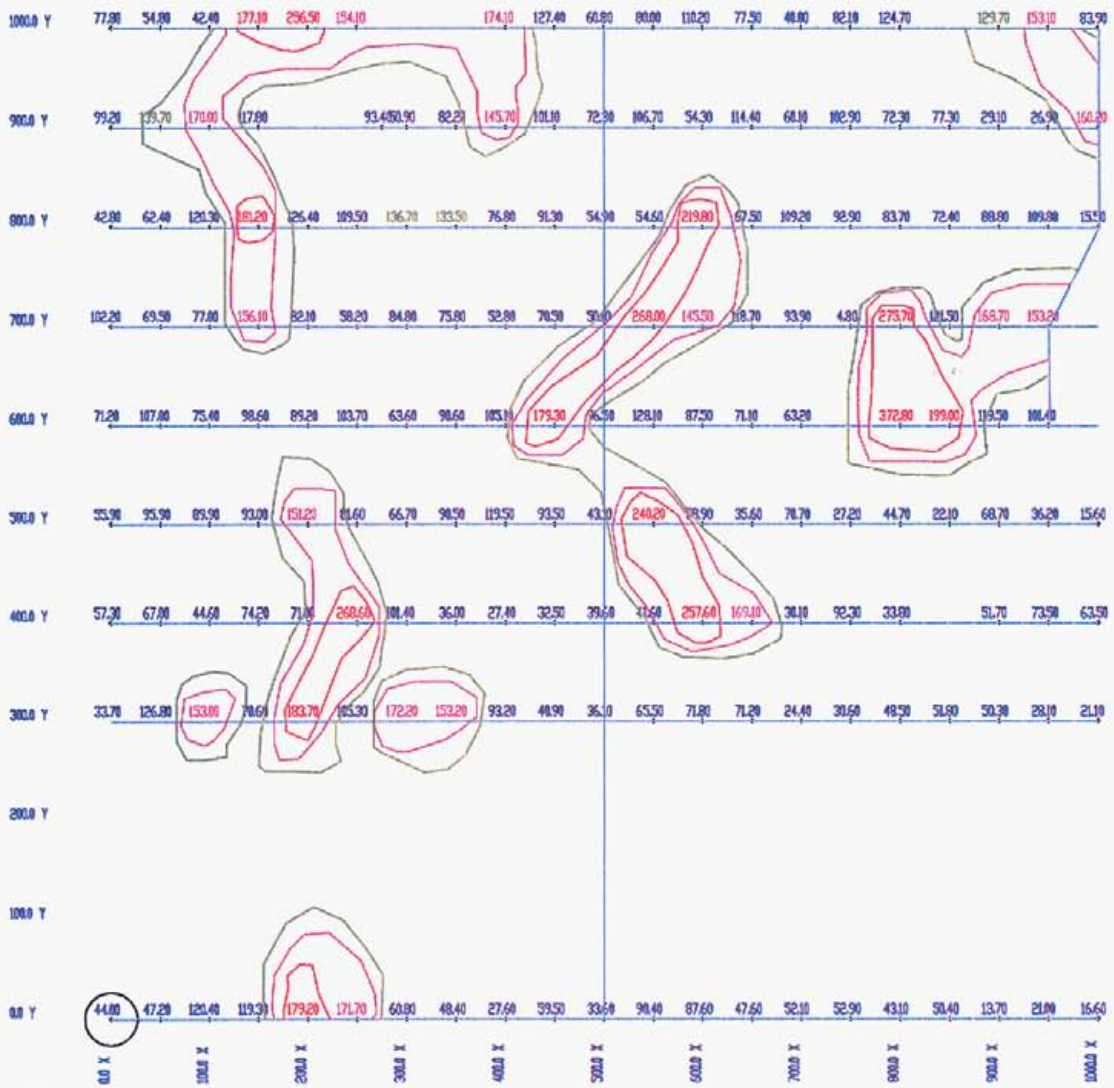
Happy Creek Minerals Ltd

Art–DL Property
2005 Art Grid

Mining Division: Cariboo Clinton
NTS Mapsheet: 093A.007 093A.006 092P.097

SIZE: B3 | British Columbia Canada | By: D. Blann, P.Eng. | Revised: 01/06/09

SCALE: As shown | Figure: 13



N

Soil

Ni (ppm)

99%	———	177–374 ppm
95%	———	142–177 ppm
90%	- - - -	129–142 ppm

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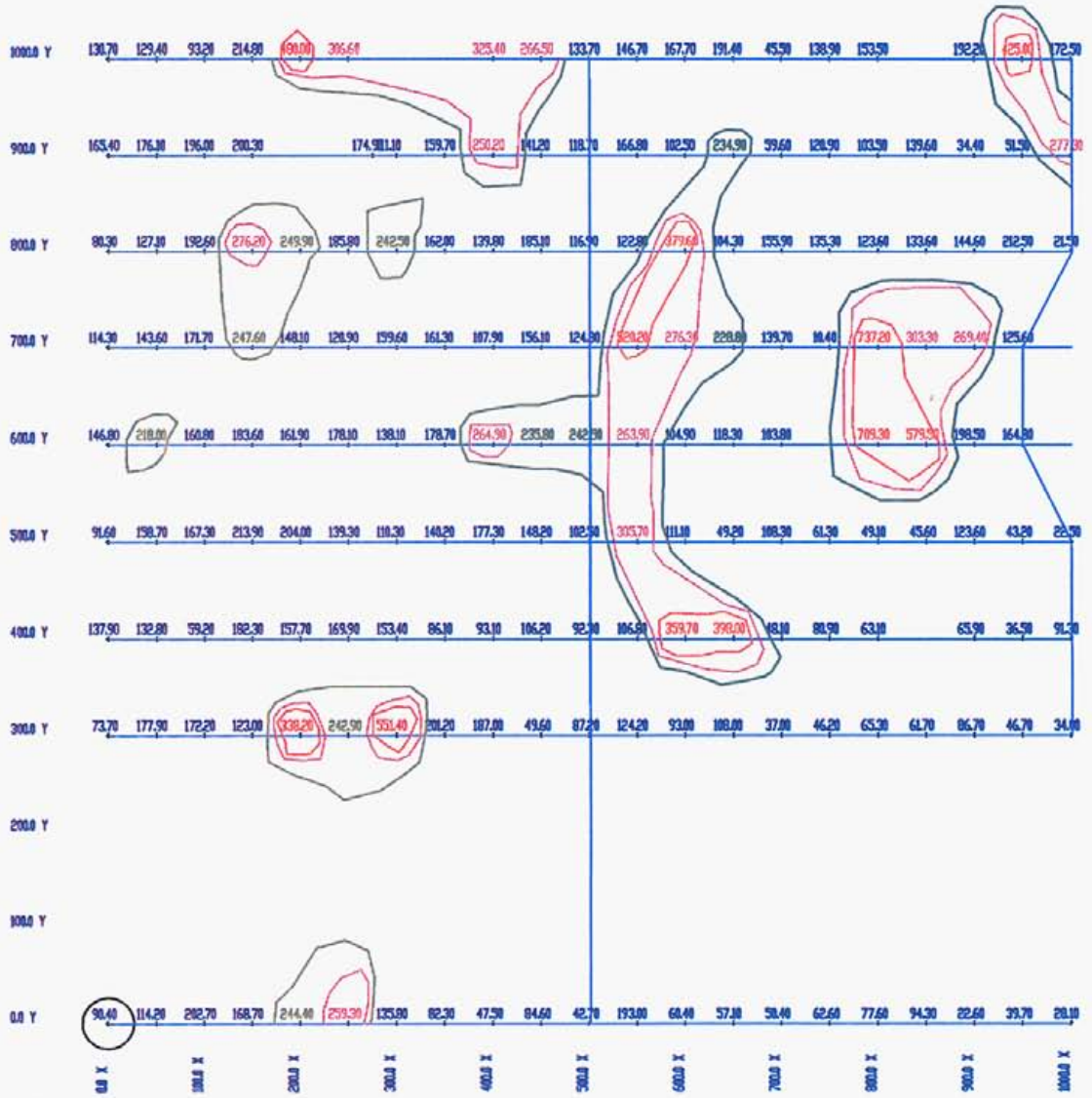
D. E. BLANN

0 50 100 150m

Scale: 1:5,000 Metres

Ni (ppm) in Soil	Happy Creek Minerals Ltd
	Art–DL Property 2005 Art Grid
Mining Division Cariboo Clinton	By: D. Blann, P.Eng.
NTS Mapsheet 093A.007 093A.006 092P.097	Revised 01/08/08
SIZE B3 British Columbia Canada	SCALE As shown
	Figure 14



N

Soil

Cr (ppm)

99%	———	330–737.2 ppm
95%	———	250–330 ppm
90%	———	215–250 ppm

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

0 50 100 150m

Scale: 1:5,000 Metres

Cr (ppm) in Soil

Happy Creek Minerals Ltd

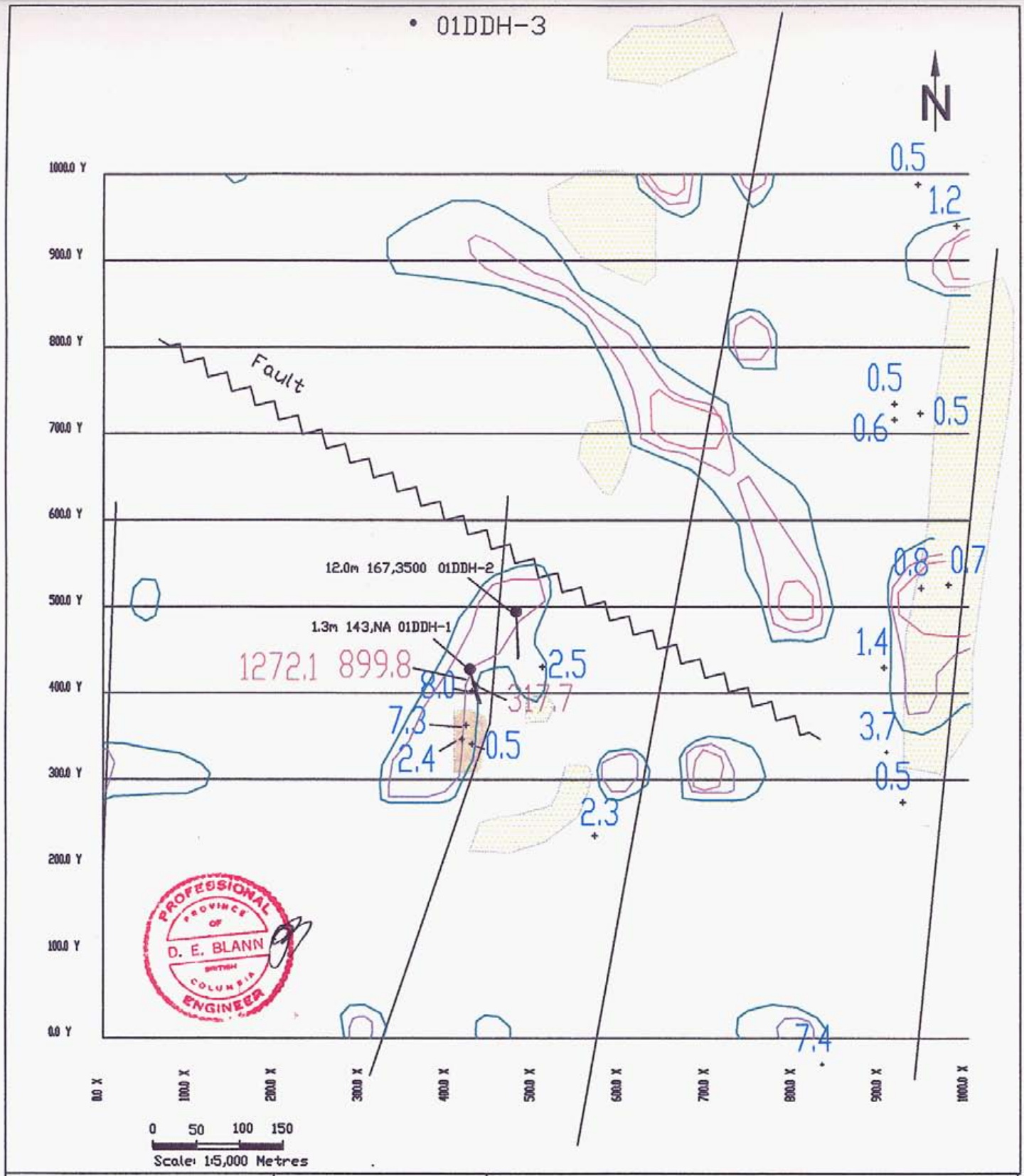
Art–DL Property
2005 Art Grid

Mining Division
Cariboo Clinton

NTS Mapsheet 093A.007
093A.006 092P.097

SIZE B3 | British Columbia Canada | By: D. Blann, P.Eng. | Revised 01/08/06

SCALE As shown | Figure 15



Legend

899.8 2005 Rock Sample (Au ppb)

Fault

Geophysical Conductor(1999)

Quartz-Biotite-Feldspar Porphyry

Nicola Group
Basalt-Andesite-Dacite
breccia, flow, minor marble/phyll, siliciclastic

Nicola Sediments_knotty Phyllite+/-Graphite

2001 Drill Holes

2005 Soil (Au ppb)
99 % probability
95% Probability
90% Probability

Mining Division Cariboo

NTS Mapsheet 093A.007
92P.097 093A.006

Happy Creek Minerals Ltd

Art –DL Property
Art Gold Prospect

SIZE			Revised
A1	British Columbia Canada	By: D. Blann, P.Eng.	9/3/05
SCALE 1:5,000			Figure 16

Appendix 1
Assay Certificates

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT ART-DL File # A503581 Page 1

P.O. Box 1852 38151 Clark, Squamish BC V0N 3G0 Submitted by: David Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
E41595	1.2	42.3	2.0	28	<.1	119.5	15.4	451	2.02	.5	.2	<.5	.3	1664	<.1	.2	<.1	54	27.56	.050	2	181.7	1.46	163	.164	344	1.32	.045	.46	.3	.01	1.3	.1	<.05	4	<.5
D175583	3.1	115.0	2.2	26	.1	19.8	18.2	457	3.28	4.2	.7	1.5	1.3	43	.2	1.0	<.1	102	1.26	.166	6	25.3	.72	29	.222	2	.95	.071	.13	1.2	.01	5.2	.1	.78	4	1.1
D175584	.9	80.1	1.0	37	<.1	42.3	19.0	398	2.84	1.1	.5	8.0	1.5	169	.1	.3	<.1	157	2.28	.166	5	67.9	1.83	308	.209	4	1.83	.061	.95	.8	.01	3.2	<.1	<.05	6	<.5
D175585	.5	7.6	.7	36	<.1	35.1	22.2	679	3.41	.9	.3	<.5	1.2	153	<.1	.1	<.1	159	2.22	.160	3	88.0	2.46	261	.156	2	2.31	.054	.71	.9	.01	4.7	<.1	<.05	7	<.5
D175586	1.8	4.4	2.1	17	.1	5.2	1.3	254	1.42	2.7	.1	.7	.4	8	.1	1.3	<.1	4	.20	.014	2	21.2	.04	16	.002	1	.07	.011	.02	8.6	.01	.8	<.1	<.05	<1	<.5
D175587	.7	3.9	2.5	7	.3	5.2	1.3	83	.72	7.8	<.1	8.9	.2	5	<.1	.4	<.1	2	.06	.004	<1	20.0	.02	6	.001	<1	.04	.006	.01	6.7	<.01	.3	<.1	.10	<1	<.5
D175588	2.0	4.4	9.6	19	.1	6.9	2.2	445	1.98	3.0	.1	<.5	.6	11	.1	.2	.1	4	.21	.087	1	24.5	.02	18	.001	<1	.10	.012	.03	8.2	.01	1.1	<.1	<.05	<1	<.5
RE D175588	1.9	4.6	9.5	18	.1	7.1	2.3	437	1.94	3.2	.1	<.5	.6	11	.1	.2	.1	3	.21	.087	1	23.7	.02	17	.001	1	.10	.012	.03	8.6	<.01	1.1	<.1	<.05	<1	<.5
D175589	1.7	6.0	13.5	36	.7	9.7	2.6	489	1.75	5.4	.1	5.3	.5	47	.3	.7	.2	4	.77	.010	2	20.1	.30	44	.001	2	.13	.010	.02	6.7	<.01	1.0	<.1	.06	<1	<.5
C184267	2.0	8.4	4.3	38	.1	8.8	3.6	579	2.61	15.6	.4	2.3	.7	4	.4	1.3	<.1	7	.02	.014	2	22.1	.05	18	.003	1	.17	.010	.02	6.5	.01	1.7	<.1	.06	<1	.6
C184268	.9	3.1	2.8	13	.5	6.1	1.0	303	1.11	1.5	<.1	38.9	.2	10	.1	.4	<.1	3	.53	.002	1	18.8	.10	5	<.001	1	.03	.006	.01	6.0	.01	.8	<.1	.08	<1	<.5
C184269	1.6	11.3	15.7	40	.5	7.3	2.3	305	1.57	16.4	.1	5.3	.8	8	.3	1.4	.4	4	.16	.014	3	20.0	.08	20	.001	<1	.16	.013	.04	6.8	<.01	1.5	<.1	.17	<1	<.5
C184270	.9	21.5	12.2	71	.6	25.2	13.0	382	3.90	41.1	.6	3.8	7.5	34	.3	1.3	.2	14	.56	.055	21	20.9	.42	39	.002	1	.85	.050	.15	3.2	.01	3.9	.1	.06	2	.5
C184271	1.6	2.1	1.6	2	.1	2.0	.4	71	.69	10.9	<.1	1.0	.1	3	<.1	.1	.1	2	.03	.004	1	20.6	.01	7	<.001	1	.04	.008	.02	6.8	<.01	.3	<.1	.09	<1	.7
C184272	.2	.2	.9	3	<.1	3.7	.3	27	.12	2.1	1.1	<.5	.1	4386	.1	.1	<.1	17	37.20	.026	1	4.1	.52	108	<.001	<1	.01	.001	<.01	.1	<.01	.1	<.1	.09	<1	<.5
C184273	6.9	8.8	3.0	50	.4	12.8	2.2	142	1.59	17.7	.4	7.4	5.2	30	.4	1.3	.1	6	.24	.026	22	18.1	.06	134	.001	4	.38	.028	.12	5.0	.01	2.1	.1	.08	1	1.9
C184274	2.1	107.9	2.8	64	.1	16.2	20.8	416	4.00	3.9	.5	2.6	1.7	35	.4	1.0	.1	146	.75	.140	6	19.2	1.05	101	.241	2	1.30	.087	.79	1.2	.02	4.0	.3	1.25	6	.9
C184275	3.4	151.9	6.0	106	.2	31.4	22.5	913	3.97	11.2	.9	6.4	1.5	82	1.1	3.8	.2	187	5.53	.145	6	56.6	1.04	46	.196	<1	.95	.060	.60	.9	.02	10.3	.3	2.44	5	2.2
C184276	1.4	113.1	3.6	52	.1	19.6	24.2	699	4.16	4.6	.2	2.9	1.1	66	.1	2.5	<.1	187	2.74	.153	4	24.3	1.34	104	.229	2	1.51	.087	1.22	1.0	.01	7.5	.5	1.75	8	.8
C184277	.6	10.8	1.6	117	<.1	43.0	15.8	451	3.89	3.9	.3	<.5	1.8	144	.5	3.7	.1	175	3.01	.139	3	99.1	1.33	199	.211	2	3.66	.348	1.24	1.1	.01	11.1	.4	<.05	11	<.5
C184278	29.4	14.5	1.5	9	<.1	2.4	4.0	1597	.95	18.8	.4	<.5	.2	328	<.1	.4	<.1	25	31.94	.044	1	5.6	1.74	27	.022	1	.75	.003	.02	.2	<.01	1.9	<.1	.41	2	<.5
C184279	95.1	2.4	.8	7	<.1	1.7	.7	1956	.36	7.5	.4	<.5	<.1	480	<.1	.3	<.1	8	34.42	.031	<1	1.6	3.12	12	.006	1	.13	.003	<.01	.1	.01	.6	.1	.21	1	<.5
C184280	16.8	52.5	3.3	19	<.1	11.8	16.8	1348	3.33	16.6	.6	1.3	.6	408	<.1	.4	<.1	65	15.64	.105	3	16.0	1.72	73	.084	2	3.21	.317	.48	.2	<.01	3.0	.1	3.27	7	<.5
C184281	1.6	111.1	2.6	46	.1	18.1	26.2	669	4.67	2.2	.2	2.1	.7	95	.1	.6	<.1	142	3.90	.181	4	10.7	1.29	49	.211	4	1.57	.115	.91	.6	.01	3.9	.1	2.14	7	.5
C184282	.6	18.9	1.1	21	.1	11.0	12.8	471	3.86	2.4	.3	7.3	1.1	49	<.1	.1	<.1	224	1.44	.207	3	10.6	1.43	129	.227	1	1.75	.071	1.51	.8	.01	3.5	.1	1.08	8	<.5
C184283	2.2	28.4	5.3	43	1.8	28.7	21.2	348	4.74	355.5	.3	1272.1	1.0	14	.1	.4	<.1	212	.51	.117	3	99.4	1.60	25	.153	<1	1.52	.057	1.08	1.3	.02	13.4	.1	3.46	7	1.1
C184284	1.8	175.0	5.0	53	2.4	28.1	21.0	368	4.21	221.2	.4	899.8	1.2	18	.4	.4	<.1	224	.74	.119	3	103.6	1.62	35	.171	1	1.55	.062	1.09	1.5	.02	14.0	.1	2.80	7	1.2
C184285	1.3	147.6	2.5	27	.1	31.3	31.3	443	4.76	3.2	.8	3.4	.8	51	.1	.3	<.1	103	1.33	.140	4	32.2	.80	52	.251	4	.99	.087	.42	1.2	.01	4.5	.1	2.33	5	7.6
C184286	.4	29.3	.5	43	<.1	63.8	23.2	516	3.44	1.0	.2	2.4	.6	123	<.1	<.1	<.1	113	4.76	.130	4	156.0	2.02	533	.180	1	1.68	.051	1.03	.5	<.01	3.8	.1	<.05	6	<.5
C184287	.7	16.2	6.2	15	.3	7.6	2.1	367	1.66	8.6	.2	1.7	2.2	49	.1	.7	<.1	3	1.02	.017	7	17.1	.36	17	.001	2	.17	.019	.07	5.0	<.01	1.2	<.1	<.05	1	<.5
B185342	1.6	3.3	5.3	14	.4	4.2	1.7	274	1.30	2.0	<.1	9.6	.2	7	.3	.3	.3	1	.21	.010	1	22.6	.06	19	.001	1	.06	.008	.02	7.3	<.01	1.2	<.1	<.05	<1	<.5
B185343	1.5	3.6	862.8	11	5.4	6.9	1.4	213	.93	3.2	.3	23.7	.6	13	.3	3.4	.3	5	.27	.076	4	20.9	.01	9	.001	<1	.07	.008	.03	6.3	<.01	.6	<.1	<.05	<1	7.2
B185344	1.9	3.0	9.1	39	.2	19.5	5.4	988	3.92	4.0	.1	70.4	.2	84	.3	.7	<.1	3	3.80	.002	1	19.5	1.09	15	.001	1	.03	.004	.01	7.1	<.01	2.5	<.1	<.05	<1	.7
B185345	3.1	3.0	7.7	35	.2	13.1	1.9	146	.52	3.0	.9	1.7	.2	317	1.5	.3	<.1	4	7.30	.059	2	17.7	.08	26	.001	<1	.03	.002	.01	5.2	<.01	.6	<.1	<.05	<1	1.5
STANDARD DS6	12.0	122.5	29.5	145	.3	24.2	10.4	689	2.87	21.1	6.6	52.1	3.1	37	6.1	3.5	4.9	57	.87	.074	15	194.5	.57	163	.078	17	1.84	.073	.16	3.7	.23	3.5	1.7	<.05	6	4.5

GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____ DATE RECEIVED: JUL 19 2005 DATE REPORT MAILED: Aug. 2/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
B185346	1.9	7.1	3.4	38	.2	19.0	1.3	183	.98	2.6	.2	1.1	.1	175	.4	.6	<.1	6	2.91	.073	2	20.4	.34	20	.001	1	.04	.002	.01	5.8	.01	.2	<.1	<.05	<1	1.9
B185347	.9	209.8	6.1	24	<.1	35.2	23.2	254	2.60	<.5	.1	3.5	.3	70	.1	1.9	.1	48	1.52	.090	1	44.0	.65	130	.137	3	.70	.054	.27	.7	<.01	2.3	.1	.87	2	2.0
B185348	.2	35.6	3.1	38	<.1	81.9	17.0	1171	4.48	90.3	.1	1.2	.6	1177	.2	1.4	<.1	73	12.55	.063	4	70.6	4.37	107	.017	5	.59	.012	.33	.5	.01	11.3	.1	<.05	2	.6
B185349	1.4	92.9	5.4	90	.1	45.4	24.2	1091	4.86	11.6	.4	.5	1.0	208	.6	1.9	.1	105	5.13	.131	6	71.6	2.04	204	.050	1	1.70	.019	.46	.4	.01	12.1	.2	.38	5	1.7
B185350	1.7	63.7	1.9	29	.1	138.5	25.9	961	4.21	6.0	.2	.8	.8	939	.2	2.5	<.1	80	10.72	.192	5	127.0	3.40	84	.018	3	.66	.019	.30	.3	.01	12.5	.1	<.05	2	.9
B185351	.3	80.4	3.1	53	<.1	222.6	36.2	1287	4.59	4.1	.6	1.4	.6	494	.1	.9	.1	122	10.87	.136	5	246.5	3.21	193	.066	5	1.75	.020	.55	.2	.02	12.2	.1	<.05	5	.6
B185352	.7	105.9	4.5	78	<.1	86.8	35.5	1296	6.42	5.2	.3	3.7	1.1	351	.2	1.2	<.1	245	5.63	.172	5	214.1	3.68	281	.141	1	3.33	.029	1.30	.3	.01	28.1	.3	.06	11	<.5
B185353	2.4	143.8	8.0	101	.1	22.0	29.6	1307	5.21	16.2	.5	2.3	1.5	88	.6	5.6	.1	256	2.93	.199	7	39.9	1.42	47	.103	1	1.28	.065	.78	.9	.03	19.0	.9	2.46	8	1.1
B185354	.3	127.6	5.0	85	.1	15.1	24.9	1456	5.43	202.5	.4	2.5	1.5	408	.2	9.6	<.1	72	5.98	.188	9	11.0	1.32	46	.006	16	.47	.022	.30	.4	.01	15.0	.1	.21	2	.6
STANDARD DS6	12.5	126.1	30.8	149	.3	25.6	11.0	724	2.86	22.3	6.8	49.0	3.1	39	6.3	3.6	5.2	57	.87	.080	15	197.4	.58	170	.083	17	1.96	.076	.16	3.6	.23	3.5	1.8	<.05	6	4.7

Sample type: ROCK R150 60C.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals File # A505072

P.O. Box 1852 38151 Clark, Squamish BC V0N 3G0 Submitted by: David Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
D175592	.7	8.3	964.2	18	17.2	6.6	4.6	31	4.34	713.3	.5	10242.6	2.1	8	.2	6.9	11.8	2	.03	.011	9	7.3	.03	15	.001	2	.20	.024	.06	.3	.03	.6	<.1	.12	<1	25.8
D175593	.6	110.8	11.5	61	1.0	28.7	19.1	560	4.71	39.7	.7	317.7	1.7	31	.2	.2	.2	274	.56	.166	4	77.2	2.37	194	.191	<1	2.21	.063	1.20	.8	.01	12.0	.2	.91	9	1.0
STANDARD DS6	11.0	119.6	29.7	137	.3	21.8	9.8	682	2.85	19.7	7.3	45.5	3.6	42	6.0	4.0	5.2	49	.87	.074	14	170.4	.58	161	.073	16	1.92	.070	.15	3.3	.24	3.1	1.9	<.05	6	4.2

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: Rock R150

Data 1 FA ____ **DATE RECEIVED:** AUG 31 2005 **DATE REPORT MAILED:** Sept 16/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT ART-DL File # A506676 Page 1

P.O. Box 1852 38151 Clark, Squamish BC V0N 3G0 Submitted by: David Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-10N 0E	1.9	61.4	8.8	194	.3	77.8	23.9	1370	4.10	205.7	.5	3.5	1.7	37	1.0	2.3	.2	102	.54	.069	9	130.7	1.24	164	.110	2	2.46	.011	.21	.2	.03	4.2	.2	<.05	8	.5
L-10N 0+50E	5.6	73.3	7.4	229	.3	54.8	19.9	513	3.91	14.8	.8	4.3	1.3	34	1.0	1.5	.1	175	.29	.079	7	129.4	1.54	94	.165	2	3.40	.018	.20	.2	.06	5.3	.4	<.05	9	1.4
L-10N 1E	3.6	59.0	8.0	147	.1	42.4	15.8	624	4.62	17.7	.6	1.7	.9	43	.9	5.6	.2	149	.45	.060	6	93.2	1.80	87	.153	1	4.05	.035	.10	.4	.06	6.1	.3	<.05	12	1.4
L-10N 1+50E	2.4	124.2	9.7	394	.3	177.1	28.1	830	4.51	272.2	.9	5.5	2.2	39	2.0	2.3	.2	94	.63	.054	14	214.8	1.82	191	.120	2	3.08	.017	.26	.2	.04	6.3	.4	<.05	8	<.5
L-10N 2E	.5	61.0	3.2	54	<.1	256.5	34.5	485	4.35	3.1	.2	1.0	.3	26	.1	.2	<.1	100	.37	.041	3	480.0	4.15	203	.310	1	3.72	.014	.33	.1	.01	.8	.1	<.05	10	<.5
L-10N 2+50E	1.4	46.4	5.5	110	<.1	154.1	25.8	347	4.42	8.2	.4	1.2	1.3	23	.3	1.0	.1	77	.40	.045	7	306.6	2.32	132	.200	2	3.01	.016	.12	.2	.03	2.6	.1	<.05	9	<.5
L-10N 4E	7.8	73.8	10.0	100	.3	174.1	27.6	680	6.58	46.9	2.4	2.4	3.3	29	.8	1.9	.2	98	.43	.044	12	325.4	2.52	151	.154	1	2.82	.019	.18	.2	.03	6.6	.3	<.05	7	.6
L-10N 4+50E	2.1	52.5	9.0	109	<.1	127.4	26.4	634	4.16	14.9	.6	3.0	3.7	24	.4	1.5	.2	95	.31	.085	16	266.5	2.17	131	.157	1	2.59	.011	.24	.2	.01	6.5	.2	<.05	7	<.5
RE L-10N 4+50E	2.1	51.5	9.2	108	<.1	125.0	26.9	640	4.18	15.0	.6	3.1	3.8	24	.4	1.5	.1	97	.33	.085	16	276.7	2.22	132	.160	2	2.59	.011	.25	.2	.01	6.8	.2	<.05	7	<.5
L-10N 5E	2.0	21.9	9.0	124	.6	60.8	14.6	278	3.16	8.5	.5	2.9	2.8	17	.5	.8	.2	67	.18	.104	15	133.7	.81	103	.103	3	1.83	.009	.08	.2	.03	2.6	.1	<.05	8	<.5
L-10N 5+50E	2.1	23.5	7.6	92	.3	80.0	13.4	227	2.84	7.0	.4	2.7	2.7	10	.4	.5	.2	56	.17	.075	11	146.7	.83	97	.136	1	1.68	.010	.07	.2	.03	2.1	.1	<.05	7	<.5
L-10N 6E	1.6	45.2	6.5	95	<.1	110.2	22.2	378	3.18	14.4	.5	3.7	3.4	17	.4	1.0	.1	61	.26	.122	13	167.7	1.21	128	.103	1	1.84	.008	.13	.2	.02	3.0	.1	<.05	6	<.5
L-10N 6+50E	2.4	27.6	7.9	171	.7	77.5	19.1	445	3.67	13.8	.5	46.4	3.1	18	1.0	1.1	.2	81	.21	.184	13	191.4	1.15	117	.105	1	2.00	.007	.08	.2	.04	3.6	.1	<.05	8	<.5
L-10N 7E	2.7	23.2	7.9	80	.3	40.0	11.3	269	2.57	7.3	.7	2.3	5.1	19	.6	.6	.2	40	.22	.083	27	45.5	.39	104	.094	2	1.35	.011	.12	.1	.02	2.3	.1	<.05	4	.5
L-10N 7+50E	2.8	40.3	9.0	102	.5	82.1	19.0	550	3.30	15.2	1.1	7.4	2.2	44	1.2	.8	.2	57	.62	.071	17	138.9	.99	133	.082	1	1.95	.011	.17	.1	.04	3.5	.1	<.05	6	1.3
L-10N 8E	4.8	80.5	13.8	169	1.3	124.7	21.9	883	4.45	19.3	2.5	2.7	1.7	65	2.4	1.1	.4	70	.90	.090	17	153.5	1.03	273	.076	2	2.94	.029	.35	.3	.08	6.3	.3	<.05	8	1.8
L-10N 9E	2.4	48.1	10.6	135	.3	129.7	28.5	585	4.74	17.8	.6	3.8	2.4	41	.6	.9	.2	80	.39	.090	15	192.2	1.77	240	.092	3	2.36	.010	.20	.2	.03	3.9	.1	<.05	7	<.5
L-10N 9+50E	2.3	41.5	8.8	93	.2	153.1	23.4	308	5.40	32.3	.4	1.1	2.7	15	.3	2.4	.2	127	.16	.085	11	425.0	2.28	110	.154	1	2.84	.008	.14	.2	.05	8.5	.1	<.05	9	<.5
L-10N 10E	1.8	47.2	8.7	86	.1	83.9	21.0	532	3.88	9.2	.4	1.4	3.1	20	.2	.7	.2	96	.20	.105	13	172.5	1.52	144	.128	1	2.44	.011	.15	.1	.02	5.0	.1	<.05	8	<.5
L-9N 0E	1.8	85.2	7.6	114	.4	99.2	24.3	526	4.48	177.8	.9	3.5	1.5	40	.6	3.2	.2	135	.85	.057	9	165.4	1.65	262	.165	3	2.91	.014	.29	.2	.05	6.3	.2	<.05	10	1.0
L-9N 0+50E	4.8	107.8	7.6	509	.3	139.7	20.3	367	4.22	46.4	.8	2.8	1.4	38	3.6	2.4	.2	119	.59	.057	13	176.1	1.42	88	.126	2	3.37	.016	.11	.3	.06	5.4	.4	<.05	9	1.8
L-9N 1E	5.0	161.6	9.2	207	.5	170.0	34.0	1558	5.23	134.2	1.5	3.4	1.5	76	2.5	2.7	.2	138	1.03	.115	17	196.0	1.84	190	.124	2	3.65	.060	.22	.2	.07	8.6	.6	<.05	10	1.4
L-9N 1+50E	2.3	71.8	7.5	145	.2	117.8	23.9	798	3.68	53.2	.7	1.6	2.0	37	.9	1.6	.1	88	.66	.066	12	200.3	1.57	121	.140	2	2.37	.016	.17	.1	.02	4.2	.2	<.05	7	1.0
L-9N 2+75E	2.1	30.9	6.1	90	.1	93.4	18.2	543	3.19	10.2	.5	2.5	3.2	28	.3	.9	.2	68	.51	.083	14	174.9	1.48	129	.129	1	2.12	.011	.17	.1	.01	3.8	.1	<.05	6	.5
L-9N 3E	1.9	22.6	7.5	81	.2	50.9	13.6	460	2.98	8.2	.5	.7	1.4	14	.4	.6	.2	65	.20	.084	11	111.1	.89	92	.094	1	1.80	.009	.06	.1	.04	2.4	.1	<.05	7	<.5
L-9N 3+50E	2.0	34.0	8.4	100	<.1	82.2	16.6	451	3.18	12.5	.7	5.2	2.4	19	.3	1.0	.2	65	.23	.088	17	159.7	1.24	109	.099	1	2.07	.011	.13	.1	.03	3.6	.2	<.05	6	.5
L-9N 4E	5.0	66.7	13.7	121	.4	145.7	28.8	348	5.14	43.1	1.6	5.9	4.0	37	.6	2.9	.2	98	.53	.127	16	250.2	1.86	183	.132	2	2.46	.013	.27	.3	.03	6.3	.4	<.05	7	1.4
L-9N 4+50E	2.8	72.0	11.9	123	.6	101.1	21.4	605	4.06	15.5	1.7	8.0	2.8	36	.9	.8	.2	77	.42	.056	20	141.2	1.17	209	.118	1	2.72	.019	.28	.2	.04	5.3	.2	<.05	7	.7
L-9N BL 5E	2.7	29.7	8.5	164	.1	72.3	14.7	316	3.53	14.4	.9	5.9	3.8	19	.6	1.0	.2	62	.23	.091	24	118.7	.96	100	.095	1	1.81	.018	.13	.1	.03	3.2	.2	<.05	5	1.1
L-9N 5+50E	2.2	42.6	8.5	91	.3	106.7	17.4	429	3.25	9.9	1.0	1.8	4.7	15	.6	.6	.2	60	.17	.057	22	166.8	.98	225	.099	1	2.25	.011	.12	.2	.02	3.6	.1	<.05	6	.6
L-9N 6E	2.2	21.7	6.9	88	.4	54.3	11.0	200	2.47	9.9	.6	1.9	2.8	14	.6	.7	.1	49	.16	.066	14	102.5	.69	74	.076	1	1.51	.011	.07	.1	.03	2.4	.1	<.05	5	.6
L-9N 6+50E	2.0	26.1	8.1	199	.3	114.4	22.1	922	3.64	10.2	.5	1.8	2.7	19	1.0	1.1	.2	85	.26	.166	11	234.9	1.25	179	.094	2	2.33	.010	.12	.1	.04	3.6	.2	<.05	8	<.5
L-9N 7E	2.8	33.9	12.1	98	.9	60.1	15.2	614	3.11	10.4	1.1	2.9	5.2	52	1.7	.8	.3	42	.65	.081	26	59.6	.55	134	.075	1	1.62	.018	.18	.2	.03	4.3	.2	<.05	5	1.1
L-9N 7+50E	3.0	96.8	11.1	136	.9	102.9	19.1	782	3.31	12.8	5.3	1.9	2.0	69	3.4	.9	.3	54	.92	.076	15	120.9	.91	168	.069	1	2.08	.016	.17	.1	.05	4.3	.1	<.05	6	1.6
STANDARD DS6	11.8	125.6	30.1	144	.3	25.2	11.2	709	2.87	21.7	6.7	46.8	3.1	41	6.1	3.5	5.0	57	.86	.079	14	188.3	.59	164	.083	17	1.92	.074	.15	3.5	.22	3.3	1.7	<.05	6	4.7

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data C FA ____ DATE RECEIVED: OCT 20 2005 DATE REPORT MAILED: Nov 3/05

BRITISH COLUMBIA CERTIFIED
Clarence Leony

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-9N 8E	3.8	35.7	12.9	165	.3	72.3	19.9	535	3.42	9.7	1.1	1.5	3.3	46	1.0	.6	.2	63	.40	.052	16	103.5	1.08	123	.088	<1	1.90	.011	.12	.1	.01	2.8	.1	<.05	6	.5
L-9N 8+50E	2.6	36.6	11.7	126	.7	77.3	20.1	652	3.31	10.8	1.4	1.2	2.3	70	1.3	.8	.2	57	.61	.049	13	139.6	1.12	169	.083	11	1.85	.014	.14	.1	.02	3.5	.1	<.05	6	.9
L-9N 9E	1.9	27.6	9.6	63	1.4	29.1	7.9	467	1.85	10.2	.8	1.1	1.3	39	.7	.5	.2	36	.37	.039	5	34.4	.24	140	.071	<1	1.64	.018	.08	.1	.04	3.0	.1	<.05	5	<.5
L-9N 9+50E	1.2	17.9	7.3	76	.2	26.9	11.0	315	2.30	8.4	.3	5.9	2.7	14	.2	.5	.1	54	.13	.080	10	51.5	.51	94	.074	1	1.22	.009	.08	.1	.01	2.7	.1	<.05	5	<.5
L-9N 10E	1.4	50.3	9.4	179	.1	160.2	32.3	486	5.09	22.6	.4	30.2	2.3	33	.8	2.7	.2	126	.24	.147	9	277.3	1.65	203	.126	1	3.08	.008	.13	.2	.02	9.6	.2	<.05	9	<.5
L-8N 0E	10.0	74.0	9.3	142	.3	42.8	12.4	771	3.67	15.9	.8	2.2	.5	30	1.0	1.5	.2	153	.18	.155	5	80.3	.67	59	.064	1	3.33	.016	.06	.2	.08	5.1	.5	<.05	10	2.8
L-8N 0+50E	6.0	68.3	10.4	181	.5	62.4	18.0	1058	4.16	85.6	.7	1.1	.8	14	1.0	4.0	.2	143	.11	.102	6	127.1	1.00	99	.116	1	2.36	.010	.13	.3	.04	4.6	.3	<.05	10	1.3
L-8N 1E	3.3	65.1	6.8	125	.2	120.3	29.8	1221	4.98	48.9	1.0	.6	.6	44	1.4	3.3	.1	152	1.01	.092	8	192.6	2.18	143	.117	1	3.13	.014	.13	.1	.05	10.0	.2	<.05	10	1.7
L-8N 1+50E	2.6	88.8	7.3	111	.2	181.2	32.6	657	4.46	22.1	.8	1.1	2.0	37	.5	2.6	.1	103	.76	.078	11	276.2	2.16	206	.163	2	2.65	.015	.30	.2	.02	5.0	.3	<.05	8	1.1
L-8N 2E	1.9	46.3	6.5	95	.2	126.4	23.1	343	4.55	28.5	.4	2.7	1.6	16	.5	1.8	.1	93	.23	.054	9	249.9	1.92	128	.142	1	2.61	.010	.10	.2	.03	4.5	.1	<.05	8	<.5
L-8N 2+50E	1.5	90.7	5.8	94	.8	109.5	41.1	952	6.34	19.8	.9	1.7	1.4	62	.6	1.3	.1	182	.81	.121	8	185.8	2.86	1608	.217	2	3.89	.027	.71	.2	.08	8.6	.3	<.05	12	1.1
L-8N 3E	6.4	37.9	9.6	112	.4	136.7	25.7	1338	4.14	16.6	.9	2.7	3.4	31	.5	1.6	.2	84	.52	.067	16	242.5	1.75	219	.115	2	2.25	.011	.28	.1	.03	5.8	.4	<.05	6	.8
L-8N 3+50E	3.6	70.3	7.7	139	.4	133.5	35.6	3475	5.19	56.5	1.0	3.2	.8	60	1.3	1.5	.1	122	.80	.130	11	162.0	1.70	275	.095	3	2.84	.014	.19	.3	.09	6.7	.4	.07	8	2.0
L-8N 4E	2.0	40.8	8.5	109	.2	76.8	15.6	273	4.35	9.9	.5	2.2	2.1	17	.4	.9	.2	131	.26	.158	11	139.8	1.10	116	.143	1	2.36	.007	.10	.2	.04	3.8	.1	<.05	9	.6
L-8N 4+50E	1.7	86.7	5.7	96	.1	91.3	31.7	385	5.31	14.4	.4	<.5	1.1	25	.4	.7	.1	130	.35	.040	5	185.1	1.99	201	.278	1	3.86	.016	.26	.1	.04	2.9	.1	<.05	10	.5
L-8N BL 5E	2.3	25.2	9.1	123	.2	54.9	17.2	267	3.76	10.7	.5	1.7	2.4	13	.4	.8	.2	74	.16	.061	10	116.9	.87	118	.142	1	2.29	.008	.11	.3	.03	2.3	.1	<.05	7	<.5
L-8N 5+50E	2.5	21.5	8.1	103	.1	54.6	11.0	235	3.38	14.7	.5	.6	3.1	13	.4	1.5	.2	70	.18	.126	16	122.8	.84	107	.101	1	1.48	.006	.07	.2	.02	2.6	.1	<.05	7	.6
L-8N 6E	1.9	95.4	24.0	137	.4	219.8	42.3	896	6.02	620.7	1.5	7.4	.7	66	1.6	34.9	.2	172	.95	.080	9	379.6	3.13	220	.104	2	4.00	.011	.15	.1	.04	13.9	.2	<.05	12	1.4
L-8N 6+50E	3.3	30.3	10.6	209	.9	67.5	13.2	243	3.58	19.8	.7	2.0	3.2	20	1.0	2.2	.2	64	.26	.170	12	104.3	.81	117	.081	1	2.15	.006	.11	.2	.06	3.2	.3	<.05	6	1.0
L-8N 7E	3.4	55.9	14.5	184	1.5	109.2	21.9	573	4.30	16.7	1.6	2.3	2.2	77	2.9	1.9	.3	74	1.15	.055	12	155.9	1.06	157	.078	1	3.11	.014	.14	.2	.06	5.5	.2	<.05	8	2.3
L-8N 7+50E	5.9	56.7	13.5	125	.6	92.9	19.1	406	4.13	20.1	2.3	7.8	5.9	47	.7	2.9	.3	63	.53	.109	21	135.3	1.02	193	.091	1	2.02	.014	.24	.2	.02	5.8	.2	<.05	5	2.1
L-8N 8E	3.0	48.7	15.0	146	1.0	83.7	21.8	1006	3.59	12.1	1.1	1.2	2.4	59	1.9	.8	.3	62	.51	.058	16	123.6	.99	194	.070	2	2.23	.014	.17	.1	.03	3.9	.2	<.05	6	.6
L-8N 8+50E	2.2	31.2	11.3	125	.5	72.4	17.4	418	3.52	9.5	.7	3.7	2.4	51	1.1	.5	.2	64	.43	.041	13	133.6	1.07	116	.073	1	2.29	.010	.11	.1	.02	3.0	.1	<.05	7	.7
L-8N 9E	3.9	48.3	17.7	160	1.5	88.8	21.8	393	4.26	15.2	1.7	3.0	3.3	50	1.8	1.2	.3	65	.38	.063	22	144.6	.79	208	.074	1	2.83	.009	.12	.2	.06	4.5	.1	<.05	7	1.1
L-8N 9+50E	1.6	178.7	7.6	114	.1	109.8	36.5	605	8.34	29.7	.4	.9	2.2	27	.3	4.6	.1	182	.22	.167	7	212.5	1.99	199	.101	2	3.82	.005	.33	.1	.01	18.1	.2	<.05	10	.6
RE L-8N 9+50E	1.5	174.5	7.8	118	.1	108.8	37.2	599	8.45	29.5	.5	1.0	2.3	26	.4	4.4	.1	185	.20	.165	8	217.2	1.95	202	.112	1	3.91	.005	.35	.1	.01	18.8	.2	<.05	9	<.5
L-8N 10E	1.3	65.7	7.6	169	.3	15.5	18.7	443	4.01	15.1	.4	2.3	1.0	17	1.1	2.1	.1	104	.14	.103	6	21.5	.74	137	.057	1	2.19	.008	.17	.1	.02	6.1	.2	<.05	8	<.5
L-7N 0E	3.7	114.3	10.9	561	1.1	102.2	20.0	1071	3.49	12.8	.8	.7	1.6	26	5.7	1.9	.2	129	.43	.094	9	114.3	.84	119	.142	1	2.16	.017	.09	.2	.06	5.4	.4	<.05	8	1.5
L-7N 0+50E	3.1	28.2	9.4	152	.3	69.5	15.8	325	3.92	20.9	.4	1.0	1.7	18	.7	1.3	.2	95	.31	.066	8	143.6	.98	77	.158	2	1.94	.008	.09	.2	.04	2.5	.1	<.05	9	.6
L-7N 1E	1.7	34.4	9.4	97	.3	77.0	17.4	468	3.99	13.6	.4	1.5	1.3	20	.7	1.3	.2	95	.36	.169	7	171.7	1.20	176	.145	<1	1.98	.009	.10	.2	.04	2.8	.1	<.05	9	<.5
L-7N 1+50E	2.5	101.0	8.3	98	.4	156.1	29.2	607	4.23	22.6	1.4	1.4	1.2	49	1.4	1.8	.2	88	.67	.058	14	247.6	1.82	207	.130	1	3.06	.012	.12	.2	.05	4.1	.2	<.05	8	.8
L-7N 2E	1.9	48.1	7.4	63	.3	82.1	18.5	433	2.66	10.2	.8	.7	.7	40	.3	1.5	.1	60	.51	.050	10	148.1	1.10	145	.094	1	2.12	.014	.13	.1	.07	3.0	.2	<.05	6	.9
L-7N 2+50E	2.1	43.6	7.2	83	.2	58.2	15.5	255	3.55	8.6	.4	.9	1.3	37	.3	.8	.1	75	.40	.037	9	120.9	1.07	105	.157	2	2.07	.010	.12	.1	.03	2.2	.1	<.05	7	.6
L-7N 3E	2.2	49.5	9.2	105	.3	84.8	18.2	422	3.74	14.6	.6	.5	1.6	26	.6	1.1	.2	71	.34	.086	15	159.6	1.14	160	.091	1	1.90	.009	.12	.1	.02	2.9	.1	<.05	6	.7
STANDARD OS6	11.5	122.6	30.0	142	.3	25.0	10.8	695	2.80	21.1	6.7	48.1	3.1	40	6.1	3.5	5.1	55	.84	.079	14	182.9	.58	165	.081	20	1.89	.073	.15	3.5	.23	3.3	1.7	<.05	6	4.5

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-7N 3+50E	2.1	28.3	7.3	151	.4	75.8	16.5	265	3.83	14.0	.5	3.3	1.4	19	.8	1.4	.2	72	.29	.080	10	161.3	1.17	118	.098	1	2.22	.007	.08	.2	.06	2.5	.1	.06	6	.6
L-7N 4E	1.7	52.0	5.4	85	.2	52.8	14.9	303	3.67	7.3	.3	1.3	1.3	38	.2	.7	.1	116	.41	.153	7	107.9	1.53	149	.149	1	2.08	.009	.24	.1	.03	2.5	.1	<.05	8	<.5
L-7N 4+50E	1.4	55.8	6.0	68	.2	70.5	15.3	224	3.20	6.5	.6	1.4	.7	28	.3	.9	.1	81	.37	.053	8	156.1	1.33	135	.089	<1	2.38	.009	.07	.1	.04	1.9	.1	.06	7	.6
L-7N BL 5E	2.6	44.0	9.8	181	.3	50.1	15.8	395	4.49	11.1	.6	2.7	1.8	16	.4	1.1	.2	107	.21	.137	8	124.8	1.06	177	.181	1	2.41	.011	.11	.2	.04	2.8	.1	<.05	10	.7
L-7N 5+50E	1.2	55.7	6.5	119	<.1	268.0	46.8	1008	5.60	54.8	.5	1.1	1.0	20	.4	6.6	.1	154	.28	.198	4	520.2	2.83	254	.139	2	3.65	.007	.09	.2	.03	13.8	.1	<.05	10	<.5
L-7N 6E	1.2	50.0	7.1	92	.2	145.5	27.3	934	4.04	33.2	.4	1.6	1.9	20	.3	1.3	.1	109	.34	.099	8	276.3	1.65	172	.135	1	2.53	.009	.10	.1	.03	6.1	.1	<.05	8	<.5
L-7N 6+50E	2.6	45.3	8.9	127	.6	118.7	22.4	677	5.00	45.7	.3	24.6	1.3	31	.6	5.0	.2	126	.31	.134	8	228.8	2.06	142	.124	1	2.87	.009	.13	.3	.04	7.9	.2	<.05	10	.5
L-7N 7E	2.6	39.5	11.3	115	.5	93.9	20.6	603	3.66	17.9	.9	17.4	4.3	50	1.2	2.3	.2	54	.68	.081	19	139.7	1.21	168	.084	1	1.91	.019	.28	.2	.03	4.5	.2	<.05	5	.9
L-7N 8E	1.5	7.5	4.4	19	.8	4.8	2.4	92	1.37	1.9	.5	.5	.4	9	.4	.1	.1	30	.11	.056	4	10.4	.09	28	.062	1	.64	.015	.02	<.1	.05	1.0	<.1	<.05	4	.6
L-7N 8+50E	1.4	52.7	5.7	97	.4	275.7	33.3	609	5.09	82.1	.2	2.1	.9	13	.2	8.3	.1	142	.20	.108	4	737.2	2.91	114	.124	1	2.80	.005	.08	.1	.03	11.9	.1	<.05	8	<.5
L-7N 9E	.8	57.3	7.8	119	.2	121.5	33.7	664	5.59	19.9	.3	1.1	1.3	23	.3	2.7	.1	161	.23	.118	5	303.3	2.36	249	.180	1	3.27	.009	.18	.1	.03	14.3	.1	<.05	11	<.5
L-7N 9+50E	2.4	85.2	9.8	119	<.1	168.7	29.3	677	4.78	16.6	.6	3.7	4.0	26	.4	1.3	.2	95	.23	.165	14	269.4	2.10	155	.103	1	2.67	.009	.17	.2	.02	6.2	.1	<.05	7	.6
L-7N 10E	2.4	68.4	13.6	340	1.0	153.2	21.1	965	3.51	9.8	.9	2.7	3.8	45	3.0	1.5	.3	53	.44	.087	15	125.6	.96	188	.097	2	2.60	.014	.11	.1	.06	4.9	.2	<.05	6	1.0
L-6N 0E	2.9	71.7	8.3	130	.1	71.2	22.5	758	5.09	23.7	.5	1.5	1.6	14	.3	1.5	.1	152	.16	.346	8	146.8	1.68	98	.152	1	3.11	.011	.34	.2	.02	4.0	.3	<.05	10	.8
L-6N 0+50E	2.1	35.5	8.0	156	.3	107.0	24.6	757	4.04	11.6	.5	1.7	1.3	11	.4	1.3	.1	85	.16	.096	7	218.0	1.38	67	.129	1	2.64	.007	.09	.2	.04	2.7	.1	<.05	8	.5
L-6N 1E	1.2	54.9	6.1	96	.2	75.4	28.8	892	4.78	6.1	.4	.8	.9	24	.2	.6	.1	112	.31	.105	5	160.8	1.70	162	.209	1	2.56	.016	.26	.2	.03	2.3	.1	<.05	9	<.5
L-6N 1+50E	1.8	48.6	7.7	90	.2	98.6	22.1	629	3.49	11.1	.5	1.9	1.6	28	.4	1.2	.1	76	.38	.048	12	183.6	1.36	122	.118	1	2.01	.009	.12	.1	.03	3.1	.1	<.05	6	<.5
L-6N 2E	1.9	35.8	6.1	92	.1	89.2	17.0	260	3.88	11.3	.5	2.6	2.0	19	.3	1.0	.1	73	.24	.122	11	161.9	1.43	97	.142	1	2.32	.010	.08	.2	.03	2.6	.1	<.05	7	.5
L-6N 2+50E	2.1	53.1	7.5	80	.2	103.7	17.3	272	3.58	10.5	.4	2.5	2.0	15	.3	.9	.1	69	.28	.062	9	178.1	1.53	95	.167	1	2.18	.021	.11	.1	.03	2.6	.1	<.05	6	.5
L-6N 3E	2.1	30.9	8.0	78	.2	63.6	12.2	309	3.29	8.3	.4	1.4	1.1	17	.3	.9	.1	73	.23	.062	8	138.1	1.05	152	.126	2	1.47	.013	.10	.1	.03	2.0	.1	<.05	8	<.5
L-6N 3+50E	1.6	49.1	7.4	125	<.1	90.6	22.8	357	4.07	12.0	.4	1.5	2.5	12	.3	.9	.1	78	.18	.169	9	178.7	1.48	132	.121	1	2.52	.010	.08	.2	.03	2.8	.1	<.05	7	<.5
L-6N 4E	.7	84.1	4.3	86	.2	105.1	39.8	945	6.53	15.3	.4	1.8	.9	32	.5	.8	.1	185	.58	.065	5	264.9	4.33	289	.285	<1	4.29	.012	.54	.2	.03	16.2	.1	<.05	12	.5
L-6N 4+50E	1.2	112.4	4.0	100	.1	179.3	48.3	975	8.17	33.1	.7	2.7	2.1	46	.4	.4	.1	311	.87	.110	6	235.8	4.22	251	.250	2	3.98	.010	.33	.1	.01	2.4	.1	<.05	15	.5
RE L-6N 4+50E	1.1	117.2	4.2	103	<.1	176.7	47.6	956	7.87	32.8	.7	1.7	2.0	46	.4	.4	.1	321	.83	.105	5	233.6	4.22	235	.252	2	3.95	.009	.32	.1	.01	2.4	.1	<.05	14	.7
L-6N BL 5E	2.1	51.8	9.5	107	.1	96.5	20.3	269	4.95	21.8	.5	4.7	2.1	10	.5	1.4	.2	98	.20	.095	9	242.5	1.63	131	.148	1	2.69	.008	.17	.2	.05	3.7	.1	<.05	8	<.5
L-6N 5+50E	1.1	31.3	7.3	84	.2	128.1	21.0	619	3.54	10.2	.3	2.3	.9	14	.2	2.0	.1	100	.28	.100	6	263.9	1.77	152	.160	1	2.24	.012	.10	.2	.03	4.5	.1	<.05	8	<.5
L-6N 6E	2.3	30.2	11.2	103	.8	87.5	17.6	270	3.29	63.2	.8	3.9	1.4	40	1.2	1.7	.2	58	.71	.051	12	104.9	.63	180	.066	2	2.15	.011	.11	.2	.07	3.1	.1	<.05	5	.9
L-6N 6+50E	1.3	63.9	8.9	82	.3	71.1	23.1	657	4.12	7.9	1.3	4.1	2.8	56	.4	.5	.1	98	.79	.147	11	118.3	1.63	146	.145	1	2.48	.015	.45	.1	.01	3.6	.2	<.05	6	<.5
L-6N 7E	2.9	25.5	9.3	105	.1	63.2	17.7	477	3.02	10.1	.9	3.5	4.5	21	.4	.7	.2	55	.25	.053	20	103.8	1.05	84	.103	1	1.57	.012	.14	.1	.01	3.0	.1	<.05	5	.6
L-6N 8E	2.2	46.6	10.8	128	.5	372.8	38.3	387	6.41	120.7	.5	5.3	1.5	30	.6	4.8	.1	160	.31	.215	7	709.3	1.70	94	.073	1	2.41	.005	.06	.1	.04	8.1	.1	<.05	9	.5
L-6N 8+50E	2.1	41.1	8.3	113	.3	199.0	31.1	376	4.94	13.3	.6	2.8	1.9	45	1.0	2.2	.1	114	.36	.043	13	579.5	2.49	130	.100	2	2.81	.006	.11	.1	.02	6.6	.1	<.05	8	.8
L-6N 9E	1.8	83.3	7.6	90	<.1	119.5	24.6	354	4.42	13.8	.4	3.6	3.1	26	.2	2.9	.1	105	.23	.100	11	198.5	1.90	134	.117	2	2.45	.008	.17	.1	.01	8.1	.1	<.05	7	<.5
L-6N 9+50E	1.5	66.4	9.4	140	.2	101.4	24.7	428	4.45	15.7	.4	3.2	2.9	21	.4	1.8	.2	106	.17	.100	11	164.8	1.33	163	.108	1	2.53	.008	.15	.1	.02	7.8	.1	<.05	8	<.5
L-6N 10E	2.9	14.8	15.1	117	1.0	21.2	8.5	397	2.79	7.7	.5	5.1	4.5	8	.6	1.1	.3	43	.05	.122	17	27.4	.31	73	.019	1	1.52	.005	.05	.1	.05	1.9	.1	<.05	7	<.5
STANDARD DS6	11.7	123.5	29.8	143	.3	24.7	10.8	700	2.83	21.5	6.6	46.7	3.0	41	6.0	3.6	5.0	56	.86	.080	14	183.9	.58	164	.083	18	1.90	.073	.15	3.5	.23	3.3	1.7	<.05	6	4.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-5N 0E	2.7	75.3	9.0	75	.4	55.9	18.1	972	4.43	23.7	.7	.9	.9	32	.7	1.9	.1	133	.48	.098	9	91.6	1.05	146	.172	2	2.00	.015	.14	.2	.05	4.4	.1	.09	11	.6
L-5N 0+50E	3.5	109.5	8.9	160	.4	95.9	34.0	1540	3.65	220.9	1.0	5.2	.9	27	1.1	4.9	.2	87	.44	.097	11	158.7	1.07	105	.094	3	3.10	.011	.12	.3	.06	4.9	.3	.06	8	1.4
L-5N 1E	4.8	69.8	7.5	214	.3	89.9	23.9	796	4.83	39.0	.6	1.2	1.0	17	1.0	1.5	.1	168	.19	.156	6	167.3	1.32	89	.150	1	2.86	.012	.12	.2	.04	5.0	.2	<.05	11	1.2
L-5N 1+50E	1.4	65.8	5.7	89	.2	93.0	30.6	655	4.82	5.8	.5	<.5	.8	17	.3	.7	.1	107	.56	.098	5	213.9	1.90	141	.234	1	3.06	.012	.27	.3	.04	1.8	.1	<.05	10	.5
L-5N 2E	1.6	51.0	6.4	105	.3	151.2	26.0	439	4.22	9.8	.4	<.5	1.3	19	.5	.8	.1	79	.29	.054	8	204.0	1.76	133	.189	2	2.56	.013	.09	.2	.03	2.3	.1	<.05	9	.5
L-5N 2+50E	1.7	67.1	7.2	92	.2	81.6	25.8	454	4.24	11.8	.5	.9	1.4	21	.6	.9	.1	96	.40	.071	8	139.3	1.49	235	.213	2	2.54	.013	.25	.2	.04	2.0	.1	<.05	9	<.5
L-5N 3E	1.3	69.3	6.5	114	.1	66.7	23.8	458	3.83	8.0	.3	1.8	1.5	16	.3	.8	.1	86	.27	.091	6	110.3	1.32	115	.188	1	2.46	.012	.11	.1	.03	2.0	.1	<.05	9	<.5
L-5N 3+50E	1.4	60.0	6.8	100	.1	90.5	24.0	298	3.86	18.7	.4	3.5	1.8	14	.3	.8	.1	81	.26	.130	6	140.2	1.42	134	.176	2	2.57	.013	.14	.2	.03	2.5	.1	<.05	8	<.5
L-5N 4E	1.8	52.0	8.5	106	.1	119.5	23.6	552	4.07	18.4	1.0	4.7	4.0	35	.6	1.3	.2	96	.44	.047	17	177.3	1.97	208	.138	2	2.52	.013	.36	.2	.02	9.4	.2	<.05	7	.7
L-5N 4+50E	2.5	48.8	9.9	92	.4	93.5	20.3	544	3.43	30.8	1.6	8.4	3.9	41	.9	1.7	.2	63	.51	.060	20	148.2	1.20	209	.107	3	1.87	.014	.19	.2	.03	5.0	.2	<.05	5	.7
L-5N BL 5E	2.8	24.5	12.5	112	.1	43.1	9.4	195	3.40	18.9	.6	7.4	3.3	12	.4	1.0	.2	58	.14	.142	16	102.5	.65	102	.066	1	1.99	.008	.09	.1	.05	2.8	.1	<.05	7	.7
L-5N 5+50E	1.1	57.7	5.1	140	.1	240.2	35.1	1615	3.39	9.9	.3	<.5	.7	17	.4	.5	.1	65	.39	.142	3	305.7	1.56	147	.206	1	2.44	.020	.08	.1	.03	1.6	.1	<.05	8	<.5
L-5N 6E	2.4	30.6	9.3	121	.3	58.9	14.0	744	3.09	11.7	.5	2.1	1.3	16	.6	.8	.2	57	.26	.103	12	111.1	.68	184	.062	2	1.54	.007	.08	.1	.04	2.3	.1	<.05	6	<.5
L-5N 6+50E	3.2	32.4	11.0	121	.4	35.6	13.7	447	3.07	11.2	.9	2.4	2.9	16	1.0	.8	.2	47	.22	.053	23	49.2	.39	84	.052	1	1.39	.008	.09	.1	.02	2.6	.1	<.05	5	.9
L-5N 7E	3.4	42.9	13.3	141	.6	70.7	20.2	725	3.90	14.5	1.9	2.6	2.6	39	1.3	.9	.3	64	.59	.062	20	108.3	.87	180	.075	1	2.28	.016	.19	.1	.03	4.3	.1	<.05	7	1.1
L-5N 7+50E	2.8	20.0	10.8	97	.2	27.2	7.0	151	3.36	12.4	.6	2.0	2.1	12	.3	.5	.2	50	.12	.045	15	61.3	.40	92	.044	1	1.40	.006	.06	.2	.05	1.8	.1	<.05	6	.9
L-5N 8E	4.2	35.1	13.4	76	.7	44.7	14.5	457	3.83	22.3	2.1	17.6	6.3	45	.5	1.8	.2	45	.39	.084	27	49.1	.54	165	.041	1	1.52	.013	.17	.1	.02	6.0	.1	<.05	5	1.0
L-5N 8+50E	3.1	15.8	9.8	83	.5	22.1	6.6	114	2.89	6.1	.5	1.5	2.0	23	.6	.4	.2	55	.22	.051	11	45.6	.30	70	.073	2	1.25	.007	.06	.1	.04	1.8	.1	<.05	6	.5
L-5N 9E	1.6	42.1	9.8	168	.7	68.7	19.6	315	4.41	7.7	.3	2.5	1.8	25	.9	.9	.2	107	.20	.116	7	123.6	1.08	141	.115	2	2.37	.008	.14	.1	.03	7.0	.1	<.05	10	<.5
L-5N 9+50E	5.1	23.8	11.4	260	.9	36.2	14.4	399	3.65	15.9	.7	9.0	5.1	23	1.3	2.2	.3	60	.17	.202	18	43.2	.49	141	.039	2	2.30	.007	.07	.1	.07	2.7	.1	<.05	8	1.2
L-5N 10E	3.2	10.0	14.8	80	2.3	15.6	5.3	150	2.82	9.1	.4	47.0	4.5	8	.5	.3	.2	31	.07	.165	16	22.5	.25	59	.015	1	2.00	.006	.05	.1	.07	1.8	.1	<.05	7	.6
L-4N 0E	1.9	58.8	7.5	90	.3	57.3	21.2	803	5.53	290.9	.4	1.7	.8	40	.6	5.1	.2	194	.63	.093	5	137.9	1.76	251	.219	2	2.95	.010	.51	.2	.04	11.9	.2	<.05	13	<.5
L-4N 0+50E	2.5	52.2	7.3	142	.3	67.0	17.9	953	3.47	18.5	.5	1.3	1.1	26	.7	1.0	.1	91	.24	.106	8	132.8	1.08	144	.089	2	2.20	.012	.08	.1	.05	3.9	.2	<.05	8	.7
L-4N 1E	7.1	95.1	7.8	191	.3	44.6	22.1	1062	4.22	23.0	.6	2.0	.6	41	1.0	2.6	.1	159	.31	.160	5	59.2	.94	76	.085	2	3.84	.026	.13	.1	.08	6.4	.4	<.05	10	1.9
L-4N 1+50E	3.3	70.9	5.6	100	<.1	74.2	24.4	555	5.82	10.6	.4	1.6	1.3	11	.2	1.0	.1	182	.19	.076	5	182.3	2.24	200	.277	1	3.98	.014	.45	.2	.04	7.1	.2	<.05	11	.7
L-4N 2E	2.3	39.7	7.2	99	.3	71.0	15.8	365	3.32	12.5	.5	1.5	1.6	17	.7	1.1	.1	68	.27	.098	10	157.7	1.12	147	.103	1	1.83	.007	.14	.1	.04	2.3	.1	<.05	6	.7
L-4N 2+50E	3.8	103.7	9.0	178	.8	268.6	27.9	2169	3.76	16.3	1.0	1.1	1.2	51	3.2	2.2	.2	71	1.14	.082	11	169.9	1.35	331	.101	3	2.61	.014	.26	.1	.05	3.7	.3	<.05	7	1.6
L-4N 3E	2.5	69.8	6.5	95	.2	101.4	27.5	774	3.74	6.9	.5	<.5	1.0	31	.8	.5	.1	88	.52	.046	5	153.4	1.18	209	.227	3	2.23	.016	.10	.1	.05	2.0	.1	<.05	9	.8
L-4N 3+50E	2.2	18.6	9.9	78	.5	36.0	9.9	204	3.14	12.1	.5	2.1	1.4	29	.3	.8	.2	59	.44	.056	11	86.1	.56	106	.089	2	1.37	.008	.07	.1	.04	2.0	.1	<.05	7	.6
L-4N 4E	1.5	17.4	9.2	64	.3	27.4	9.2	192	3.47	7.2	.4	7.3	1.4	16	.2	.5	.2	117	.16	.044	6	93.1	.83	121	.197	2	1.93	.009	.09	.3	.05	2.4	.1	<.05	13	<.5
L-4N 4+50E	3.1	18.9	10.3	83	.2	32.5	9.1	274	3.38	13.8	.6	2.5	2.5	11	.4	1.2	.2	69	.14	.058	17	106.2	.62	123	.085	1	1.23	.005	.09	.1	.03	2.3	.1	<.05	8	.5
L-4N BL 5E	2.1	15.4	8.5	99	.9	39.6	10.3	321	2.88	9.4	.4	5.4	2.2	13	.6	.7	.2	52	.17	.107	12	92.3	.52	93	.070	1	1.61	.006	.07	.1	.06	1.9	.1	<.05	6	.5
RE L-4N BL 5E	2.1	15.2	8.2	97	.9	35.5	10.2	311	2.82	9.1	.4	<.5	2.1	13	.5	.8	.2	53	.17	.106	12	92.1	.52	96	.071	1	1.66	.006	.07	.2	.06	1.7	.1	<.05	6	<.5
L-4N 5+50E	2.2	20.5	8.5	140	.3	41.6	14.3	777	3.17	8.6	.5	3.8	1.9	17	.6	1.0	.2	66	.26	.111	13	106.8	.72	121	.077	2	1.83	.007	.07	.2	.03	3.3	.1	<.05	7	<.5
STANDARD DS6	11.5	126.1	30.2	144	.3	25.6	11.0	704	2.85	21.4	6.7	46.5	3.0	40	6.0	3.6	5.1	57	.85	.080	14	187.2	.59	164	.083	18	1.94	.075	.14	3.5	.22	3.3	1.7	<.05	7	4.5

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-4N 6E	.4	106.7	3.5	76	.2	257.6	41.0	647	3.67	5.6	.2	.9	.7	32	.2	.2	.1	81	.64	.186	3	359.7	2.00	258	.189	2	2.99	.022	.24	.1	.02	1.5	.1	<.05	9	<.5
L-4N 6+50E	3.9	47.5	8.8	194	.5	169.1	29.2	539	4.87	22.6	.6	2.5	2.6	21	1.1	25.3	.2	115	.44	.063	12	398.0	2.85	101	.103	1	3.16	.007	.08	.2	.03	9.3	.8	<.05	8	1.3
L-4N 7E	3.3	22.0	11.4	114	.3	30.1	9.4	192	3.09	11.5	.7	4.2	3.0	19	.9	1.0	.3	49	.26	.057	19	48.1	.37	99	.048	1	1.38	.008	.08	.1	.03	2.3	.1	<.05	5	.7
L-4N 7+50E	4.2	78.1	18.3	167	2.3	92.3	22.5	1254	5.01	16.3	4.5	4.5	2.3	62	3.6	1.5	.4	64	1.20	.090	22	80.9	.65	384	.074	3	3.56	.028	.36	.2	.07	6.5	.2	<.05	8	1.6
L-4N 8E	2.5	17.4	10.9	98	.1	33.8	9.5	224	2.89	11.5	.6	3.3	2.7	27	.5	.9	.2	49	.24	.038	21	63.1	.52	111	.064	1	1.47	.008	.08	.1	.02	2.2	.1	<.05	5	<.5
L-4N 9E	2.2	26.5	13.5	193	.9	51.7	15.7	289	3.81	7.4	.8	1.4	3.0	57	1.2	.7	.2	72	.51	.125	13	65.9	.56	141	.090	2	2.65	.010	.11	.2	.06	4.0	.1	<.05	8	<.5
RE L-4N 9E	1.9	25.0	13.5	189	.9	51.3	15.8	295	3.77	7.2	.9	1.6	3.0	57	1.2	.7	.2	73	.49	.117	13	65.6	.52	144	.089	2	2.55	.009	.11	.2	.05	3.8	.1	<.05	8	.6
L-4N 9+50E	7.3	63.1	13.2	282	1.0	73.5	11.6	324	3.48	22.4	.9	6.6	4.7	10	.7	6.5	.3	65	.04	.088	23	36.5	.51	135	.013	1	1.99	.007	.09	.1	.04	3.3	.3	<.05	6	1.5
L-4N 10E	4.0	36.4	13.4	138	.8	63.5	13.9	235	3.54	18.2	.7	5.8	4.4	18	.8	2.1	.2	55	.14	.137	18	91.3	.70	91	.055	<1	2.20	.006	.07	.1	.04	2.9	.1	<.05	5	.9
L-3N 0E	1.3	43.1	8.6	132	.2	33.7	19.9	1116	4.89	59.8	.2	8.2	.7	45	1.2	4.0	.3	173	.64	.156	4	73.7	1.40	182	.190	3	2.25	.013	.29	.2	.06	8.2	.1	<.05	13	<.5
L-3N 0+50E	2.2	99.8	8.9	124	.3	126.8	21.0	670	3.61	79.8	1.0	5.7	3.5	28	1.2	3.5	.2	78	.45	.051	17	177.9	1.17	167	.107	2	2.19	.011	.21	.2	.05	6.7	.5	<.05	5	<.5
L-3N 1E	2.4	224.7	8.7	253	.6	153.0	28.4	1496	4.17	63.1	1.5	5.6	1.3	58	2.7	3.5	.2	89	.98	.106	13	172.2	1.50	258	.137	4	2.87	.019	.23	.2	.09	5.8	.5	<.05	7	1.5
L-3N 1+50E	4.9	60.7	9.7	189	.2	70.6	22.2	1068	4.07	12.9	.6	2.2	1.4	42	1.0	3.0	.2	136	.29	.161	7	123.0	1.12	147	.158	1	2.55	.013	.10	.2	.04	5.1	.3	<.05	10	.7
L-3N 2E	5.2	142.7	6.1	243	.2	183.7	54.6	1783	7.84	64.8	.5	1.0	.8	29	1.8	4.9	.1	297	.41	.185	5	338.2	2.25	215	.163	1	3.43	.012	.06	.7	.03	16.7	.4	<.05	13	1.2
L-3N 2+50E	1.9	54.0	7.0	79	.4	105.3	26.5	557	5.45	21.0	.3	1.5	.6	17	.3	5.6	.1	155	.23	.170	3	242.9	1.85	93	.207	1	2.67	.011	.11	.3	.04	3.2	.1	<.05	11	<.5
L-3N 3E	.9	73.9	6.2	76	.2	172.2	44.2	972	6.06	4.3	.6	2.0	.9	24	.4	1.3	.1	152	.32	.092	4	551.4	3.73	205	.201	1	4.11	.007	.20	.1	.03	2.7	.1	<.05	10	<.5
L-3N 3+50E	4.0	83.6	13.1	135	.7	153.2	28.7	587	4.96	42.6	1.0	8.4	4.2	38	1.1	4.8	.3	91	.60	.082	20	201.2	1.42	243	.117	4	2.45	.019	.31	.3	.05	7.1	.3	<.05	6	1.4
L-3N 4E	3.2	43.2	8.2	131	.3	93.2	20.5	404	3.90	22.7	1.0	6.3	2.7	30	.4	1.5	.2	91	.34	.054	18	187.0	1.35	133	.136	1	2.44	.009	.16	.2	.04	4.2	.1	<.05	7	1.0
L-3N 4+50E	2.4	22.6	9.2	88	.1	40.9	12.8	320	2.57	13.0	.7	2.8	4.5	19	.4	.9	.2	45	.21	.060	25	49.6	.52	95	.083	1	1.14	.009	.10	.1	.02	2.8	.1	<.05	4	.8
L-3N BL 5E	2.3	19.2	7.6	89	.2	36.1	9.4	257	2.55	7.9	.4	2.2	2.3	11	.3	.9	.2	56	.15	.092	15	87.2	.54	64	.093	1	1.30	.007	.10	.2	.04	2.2	.1	<.05	6	<.5
L-3N 5+50E	3.2	32.6	11.0	113	.5	65.5	14.6	216	3.93	17.7	.8	2.5	1.7	41	.9	1.4	.2	60	.81	.080	15	124.2	.71	134	.070	1	2.25	.007	.09	.1	.06	3.4	.1	<.05	6	1.1
L-3N 6E	2.7	41.4	10.9	129	.6	71.8	17.9	888	3.20	14.2	1.3	7.1	3.0	27	1.3	1.3	.2	53	.42	.069	22	93.0	.77	151	.077	1	1.86	.013	.14	.1	.02	4.0	.1	<.05	5	.8
L-3N 6+50E	5.6	41.0	10.0	291	.6	71.2	18.5	552	4.02	15.9	.7	4.9	2.1	33	1.0	1.4	.2	93	.29	.180	15	108.0	.91	195	.083	1	1.89	.008	.12	.1	.05	2.9	.4	<.05	7	1.1
L-3N 7E	3.2	17.1	10.5	102	.5	24.4	7.5	186	3.11	10.2	.7	8.9	2.7	13	.8	.7	.2	47	.12	.068	21	37.0	.30	80	.054	<1	1.57	.006	.08	.1	.04	2.0	.1	<.05	5	.7
L-3N 7+50E	3.1	20.1	9.4	102	.3	30.6	10.6	307	2.90	10.2	.8	5.0	3.0	20	.5	.8	.2	48	.24	.046	21	46.2	.43	86	.059	<1	1.34	.008	.09	.1	.02	2.4	.1	<.05	5	1.2
L-3N 8E	2.4	32.2	10.1	83	.4	48.5	13.0	279	2.86	10.7	.9	4.5	3.2	18	.6	.9	.2	47	.22	.057	20	65.3	.67	81	.073	1	1.75	.009	.09	.2	.04	2.8	.1	<.05	4	1.0
L-3N 8+50E	2.6	27.6	10.7	95	.8	51.8	10.9	248	2.86	15.1	1.3	4.2	2.4	32	.7	1.4	.2	38	.38	.059	21	61.7	.50	94	.057	<1	1.53	.009	.08	.3	.04	2.9	.1	<.05	4	1.0
L-3N 9E	2.6	28.3	9.8	96	.7	50.3	12.9	410	3.24	12.4	.8	3.2	2.4	37	.7	1.3	.2	68	.33	.046	21	86.7	.78	105	.079	1	1.76	.009	.10	.1	.03	4.8	.1	<.05	5	.9
L-3N 9+50E	2.9	20.1	12.2	142	.7	28.1	8.7	155	3.53	13.8	.7	1.1	4.5	13	.6	1.0	.2	51	.14	.239	17	46.7	.43	93	.050	<1	2.10	.006	.05	.1	.06	2.8	.1	<.05	6	.9
L-3N 10E	2.1	15.4	11.3	72	.8	21.1	10.6	621	1.96	7.0	.7	.9	1.2	20	.4	.6	.2	42	.15	.068	11	34.0	.25	98	.057	<1	1.13	.015	.05	.1	.03	1.7	.1	<.05	5	.7
L-0N 0E	1.4	35.4	7.6	108	.2	44.0	13.5	496	3.20	11.8	.4	1.8	2.0	25	.4	1.0	.1	88	.29	.186	8	90.4	.92	129	.144	1	1.97	.012	.10	.2	.04	2.9	.1	<.05	8	<.5
L-0N 0+50E	2.0	42.5	7.5	134	.1	47.2	17.8	413	3.26	12.8	.5	1.0	1.5	25	1.2	.8	.1	79	.45	.167	6	114.2	1.01	94	.148	3	2.20	.015	.08	.2	.05	2.5	.1	<.05	7	.6
L-0N 1E	1.7	82.7	10.1	107	.2	120.4	35.3	469	5.42	6.7	.4	1.3	1.1	14	1.4	1.4	.1	90	.34	.062	5	202.7	1.65	142	.250	1	2.43	.019	.05	.3	.03	2.5	.1	<.05	8	.5
L-0N 1+50E	2.0	42.3	8.9	94	.1	119.3	20.5	282	3.83	9.8	.4	1.3	2.0	16	.4	.6	.2	81	.28	.045	9	168.7	1.35	155	.204	<1	2.31	.018	.11	.2	.03	2.2	.1	<.05	9	<.5
STANDARD DS6	11.5	122.4	29.7	143	.3	24.8	10.7	697	2.83	21.0	6.7	49.4	3.1	40	6.0	3.4	5.0	55	.85	.079	13	184.3	.58	162	.080	16	1.88	.073	.14	3.5	.22	3.2	1.7	<.05	6	4.3

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
L-0N 2E	.7	47.8	5.1	66	<.1	179.2	28.9	540	3.85	4.2	.3	.7	.7	38	.3	.2	.1	72	.66	.129	3	244.4	2.56	149	.226	2	2.75	.029	.13	.1	.02	1.3	.1	<.05	8	<.5
L-0N 2+50E	.8	48.4	4.9	81	.2	171.7	25.0	397	3.66	5.6	.2	<.5	.9	27	.2	.3	.1	76	.58	.088	4	259.3	2.78	193	.208	2	2.69	.024	.11	.1	.03	1.5	.1	<.05	8	<.5
L-0N 3E	2.3	38.7	10.9	89	.2	60.8	14.2	231	4.06	17.6	.5	8.3	2.4	14	.6	1.5	.2	99	.13	.037	12	135.8	1.11	164	.138	2	1.92	.009	.18	.2	.03	3.8	.1	<.05	7	<.5
L-0N 3+50E	2.8	31.7	10.1	91	.1	48.4	10.6	199	3.00	13.9	.7	2.7	3.2	19	.6	1.2	.2	53	.28	.043	17	82.3	.67	105	.069	1	1.45	.008	.09	.1	.03	2.4	.1	<.05	4	.8
L-0N 4E	3.4	19.6	9.9	68	.3	27.6	8.2	192	2.84	9.9	1.0	3.1	2.3	15	.4	.5	.2	47	.11	.045	19	47.5	.38	92	.058	2	1.40	.010	.09	.2	.04	2.1	.1	<.05	5	1.1
L-0N 4+50E	2.7	28.8	9.0	80	.7	59.5	11.9	310	2.66	10.5	3.4	5.4	4.4	27	.4	2.3	.2	40	.32	.036	23	84.6	.67	133	.080	1	1.63	.012	.13	.1	.02	3.7	.1	<.05	4	.5
RE L-0N 4+50E	3.0	31.5	9.0	85	.7	62.6	12.7	336	2.85	11.4	3.5	21.3	4.2	28	.5	2.4	.2	44	.32	.038	22	91.2	.68	130	.082	1	1.65	.012	.14	.2	.02	3.6	.1	<.05	5	.5
L-0N BL 5E	2.3	18.9	9.3	110	.3	33.6	9.5	245	2.74	12.8	.7	2.7	4.4	18	.5	.7	.2	41	.22	.114	24	42.7	.45	114	.055	1	1.23	.009	.08	.2	.02	2.1	.1	<.05	5	.7
L-0N 5+50E	1.9	26.6	9.4	102	.2	90.4	15.7	283	3.98	20.2	.6	1.9	2.6	23	.4	2.2	.2	102	.22	.049	15	193.0	1.71	157	.099	<1	2.31	.008	.11	.2	.02	6.0	.1	<.05	8	<.5
L-0N 6E	2.8	56.3	16.2	98	.9	87.6	18.4	918	4.40	178.8	3.7	2.2	2.9	64	1.5	1.6	.4	58	.75	.046	19	60.4	.42	297	.071	2	2.41	.022	.28	.2	.04	5.0	.2	<.05	7	1.1
L-0N 6+50E	2.3	28.7	13.0	103	.6	47.6	14.8	635	3.21	71.2	2.1	4.5	3.7	41	.8	1.1	.3	41	.53	.045	22	57.1	.56	185	.069	2	1.82	.018	.24	.2	.04	3.9	.1	<.05	5	.9
L-0N 7E	2.7	29.2	13.4	137	.5	52.1	17.2	386	3.49	156.5	1.3	3.4	5.8	28	.7	2.0	.3	44	.39	.035	23	50.4	.47	174	.083	1	1.66	.018	.25	.3	.02	4.1	.1	<.05	5	.5
L-0N 7+50E	3.6	27.8	13.5	90	.5	52.9	18.1	450	4.06	84.2	1.2	5.8	6.5	32	.4	1.7	.3	48	.45	.082	23	62.6	.63	155	.084	2	1.72	.021	.34	.2	.02	4.8	.2	<.05	5	.6
L-0N 8E	2.5	19.3	11.5	125	.3	43.1	10.3	185	3.77	13.3	.8	7.4	4.3	12	.6	.7	.3	56	.14	.113	23	77.6	.55	117	.076	1	1.67	.006	.09	.2	.03	2.6	.1	<.05	7	.8
L-0N 8+50E	4.8	22.6	11.4	156	.2	50.4	11.6	236	3.34	10.9	.7	2.4	4.5	12	.4	1.3	.2	67	.10	.096	21	94.3	.67	149	.052	1	1.76	.007	.08	.1	.03	2.9	.1	<.05	6	.6
L-0N 9E	2.7	10.5	10.5	72	.3	13.7	4.2	202	2.22	8.0	.4	.8	1.6	10	.6	.6	.2	40	.08	.129	15	22.6	.17	100	.035	<1	.94	.008	.04	.1	.04	1.2	.1	<.05	5	.5
L-0N 9+50E	3.0	13.3	13.7	127	.5	21.0	7.4	168	2.89	12.0	.6	1.4	4.2	10	.9	.9	.3	50	.09	.167	18	39.7	.29	63	.059	1	1.12	.005	.06	.2	.05	1.9	.1	<.05	6	.7
L-0N 10E	2.8	13.1	11.5	109	.4	16.6	6.0	156	2.71	9.5	.6	1.3	3.5	10	.6	.6	.2	45	.07	.123	16	28.1	.19	81	.061	<1	1.20	.006	.05	.2	.03	1.5	.1	<.05	7	.5
AR+ S-1	2.5	145.1	9.7	111	1.4	44.9	41.7	1320	7.79	101.4	.5	626.7	2.1	33	.2	.4	.1	386	.74	.217	7	160.4	3.67	253	.250	<1	4.39	.015	1.21	.4	.02	15.1	.2	<.05	17	.9
AR+W S-1	6.9	134.9	3.4	142	<.1	22.4	18.0	771	4.53	2.2	.8	4.6	1.3	44	.4	.5	.1	279	.88	.114	5	52.9	3.18	72	.141	2	2.59	.027	.08	.4	.01	12.1	.1	<.05	10	.7
AR+W S-2	82.8	76.2	8.5	274	.1	24.9	19.4	12851	5.40	14.8	1.7	1.5	.9	27	1.1	.9	.1	167	.90	.108	9	36.0	3.79	167	.137	2	3.84	.015	.03	1.3	.06	11.2	.2	<.05	11	.5
AR+W S-3	6.0	72.3	3.4	20	<.1	12.1	14.6	1796	3.16	10.1	.4	1.2	.4	238	<.1	.6	.1	62	21.00	.091	3	14.1	3.01	56	.060	33	2.02	.040	.04	.3	.01	3.2	.1	.20	5	<.5
STANDARD DS6	11.6	123.6	29.7	145	.3	24.8	10.9	706	2.83	21.3	6.6	47.4	3.0	40	6.1	3.6	5.1	56	.86	.080	15	185.1	.59	166	.082	18	1.92	.075	.16	3.4	.23	3.3	1.7	<.05	6	4.4

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT ART-DL File # A506677

P.O. Box 1852 38151 Clark, Squamish BC V0N 3G0 Submitted by: David Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
05DB-DL-1	4.6	31.3	9.4	65	1.7	28.1	8.4	355	2.55	8.7	1.2	1.3	4.4	29	.4	.6	.3	38	.28	.043	18	35.6	.43	92	.069	2	1.27	.049	.17	1.8	.02	2.8	.1	<.05	4	.7
05DB-DL-2	3.4	45.2	11.4	55	.2	46.0	15.5	331	3.24	14.3	1.1	2.1	6.4	30	.5	.8	.2	52	.36	.057	26	66.7	.75	117	.075	5	1.81	.064	.19	1.7	.01	3.7	.1	<.05	5	1.0
05DB-DL-3	5.2	30.0	11.6	86	.8	39.1	14.3	382	3.63	28.8	1.1	4.2	8.0	20	.4	.7	.2	33	.13	.070	26	28.6	.35	111	.043	3	1.40	.060	.17	.7	.01	3.4	.1	<.05	4	1.2
STANDARD DS6	11.6	125.3	29.7	145	.3	24.9	10.8	717	2.84	20.9	6.7	49.5	3.1	41	5.9	3.5	5.0	56	.87	.078	15	186.3	.59	163	.084	17	1.94	.074	.16	3.4	.22	3.4	1.8	<.05	6	4.7

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150

Data ✓ FA ____ DATE RECEIVED: OCT 20 2005 DATE REPORT MAILED: Nov 8/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals File # A506702

P.O. Box 1852 38151 Clark, Squamish BC VON 3G0 Submitted by: David Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.2	3.8	2.8	47	<.1	3.9	4.4	543	1.66	<.5	1.7	.5	3.7	63	<.1	<.1	.1	37	.48	.077	7	11.1	.62	213	.138	1	1.08	.066	.52	<.1	<.01	2.0	.3	<.05	5	<.5
C184288	.4	51.7	1.4	37	<.1	12.9	14.0	486	4.56	7.8	.3	7.0	1.0	89	.2	3.0	<.1	165	1.59	.212	4	37.3	.55	31	.141	2	.64	.051	.24	.8	<.01	4.3	.1	<.05	4	<.5
C184289	.2	20.7	1.4	80	<.1	24.6	13.3	449	2.76	3.5	.2	2.1	1.1	43	.2	1.0	<.1	127	.88	.135	3	58.7	1.06	175	.235	1	1.77	.091	1.15	.6	<.01	6.2	.3	<.05	7	<.5
C184290	.5	22.9	.9	86	<.1	28.0	20.0	579	4.25	6.2	.3	2.4	1.1	45	.3	.7	<.1	192	2.00	.185	4	62.9	1.33	162	.174	<1	1.26	.048	.96	.1	<.01	3.3	.3	<.05	7	<.5
C184291	.5	75.5	1.5	76	.2	29.9	9.0	424	2.42	8.0	.4	6.0	1.8	74	1.1	2.0	.2	109	2.56	.138	6	66.9	.72	301	.150	1	.86	.045	.37	.2	.01	3.6	.1	<.05	4	<.5
C184292	.4	123.3	2.3	53	<.1	19.7	22.2	357	3.46	4.0	.3	9.5	1.6	58	.1	1.6	.1	166	.90	.203	6	19.8	1.27	226	.247	2	1.60	.075	1.14	.2	<.01	5.2	.2	.68	8	.7
C184293	.5	10.5	4.1	42	<.1	100.7	25.6	1260	3.94	25.9	.2	<.5	.6	233	.2	3.4	<.1	125	3.40	.131	4	215.2	2.32	203	.070	2	1.79	.013	.50	.1	<.01	13.1	.1	<.05	5	<.5
B185355	1.9	13.9	23.8	20	<.1	8.2	5.5	603	1.04	5.8	.2	.7	.8	6	.2	.5	.2	7	.05	.026	3	12.5	.25	15	.003	<1	.52	.007	.03	<.1	<.01	2.7	<.1	<.05	2	<.5
B185356	2.3	19.9	12.3	35	<.1	11.9	5.2	184	1.35	2.6	.2	<.5	1.4	9	<.1	.3	.2	10	.12	.036	5	17.7	.26	14	.003	<1	.51	.005	.03	<.1	<.01	1.1	<.1	<.05	1	2.8
B185357	.2	44.0	4.8	28	<.1	28.9	11.6	1027	3.79	17.9	.2	.6	.6	482	.2	3.2	<.1	61	5.54	.259	3	35.3	2.02	108	.015	3	.39	.025	.18	<.1	<.01	6.9	<.1	<.05	1	<.5
B185358	2.4	12.2	10.3	72	<.1	30.4	11.3	424	1.03	2.5	.4	<.5	.3	6	.8	.8	.1	4	.06	.017	1	14.9	.16	10	.002	<1	.28	.002	.01	<.1	.01	.8	<.1	<.05	1	.5
STANDARD DS6	11.8	125.8	30.1	146	.3	24.7	10.9	719	2.86	20.9	6.7	48.6	3.0	40	6.1	3.6	5.0	56	.86	.078	13	186.3	.59	167	.080	18	1.93	.073	.14	3.6	.23	3.3	1.8	<.05	6	4.7

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150

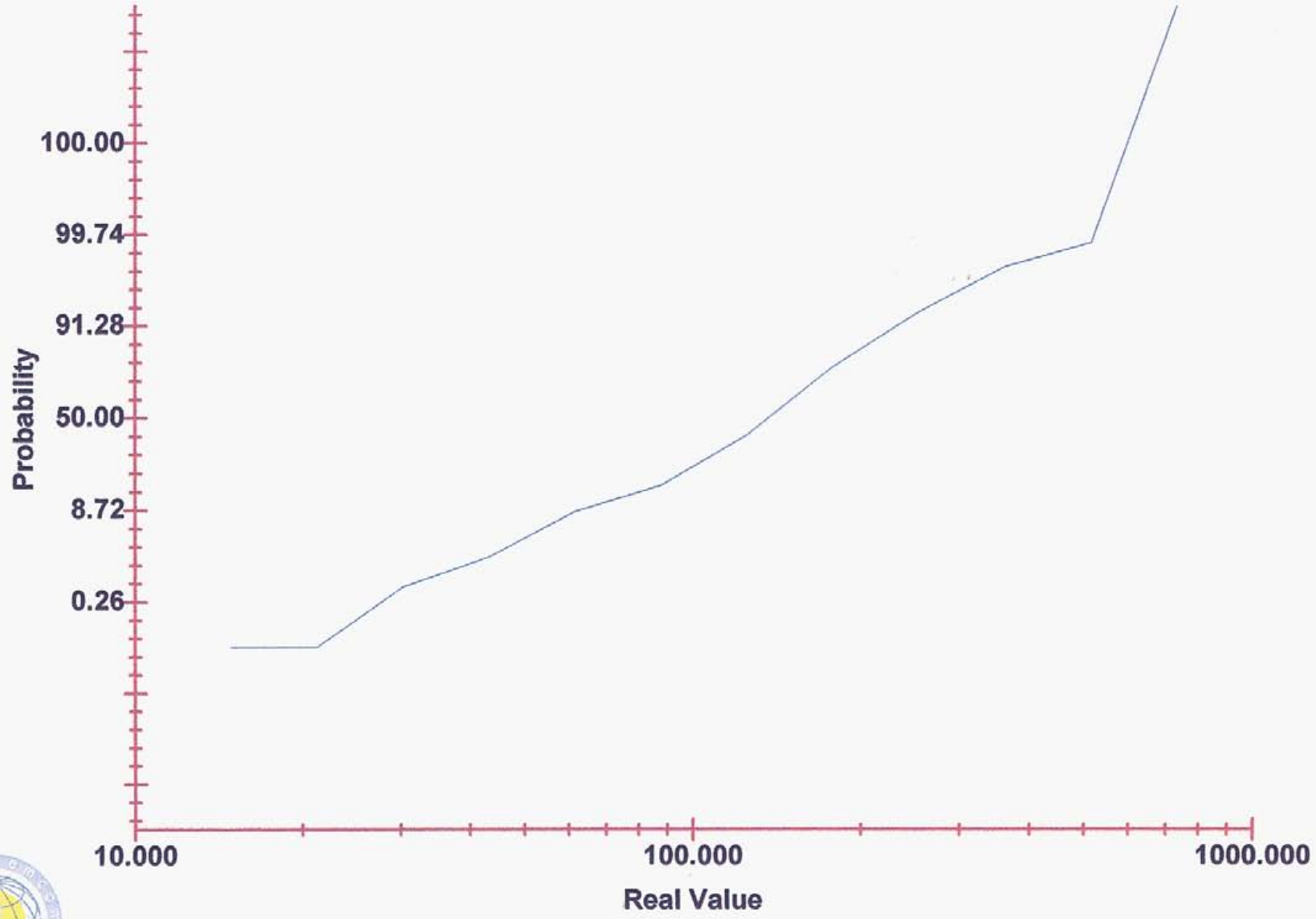
Data JS FA ____ DATE RECEIVED: OCT 20 2005 DATE REPORT MAILED: Nov 10/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

Appendix 2
Soil Geochemical Data
Log Normal Probability Plots

LOG Normal Probability Plot

Cr Soil ppm

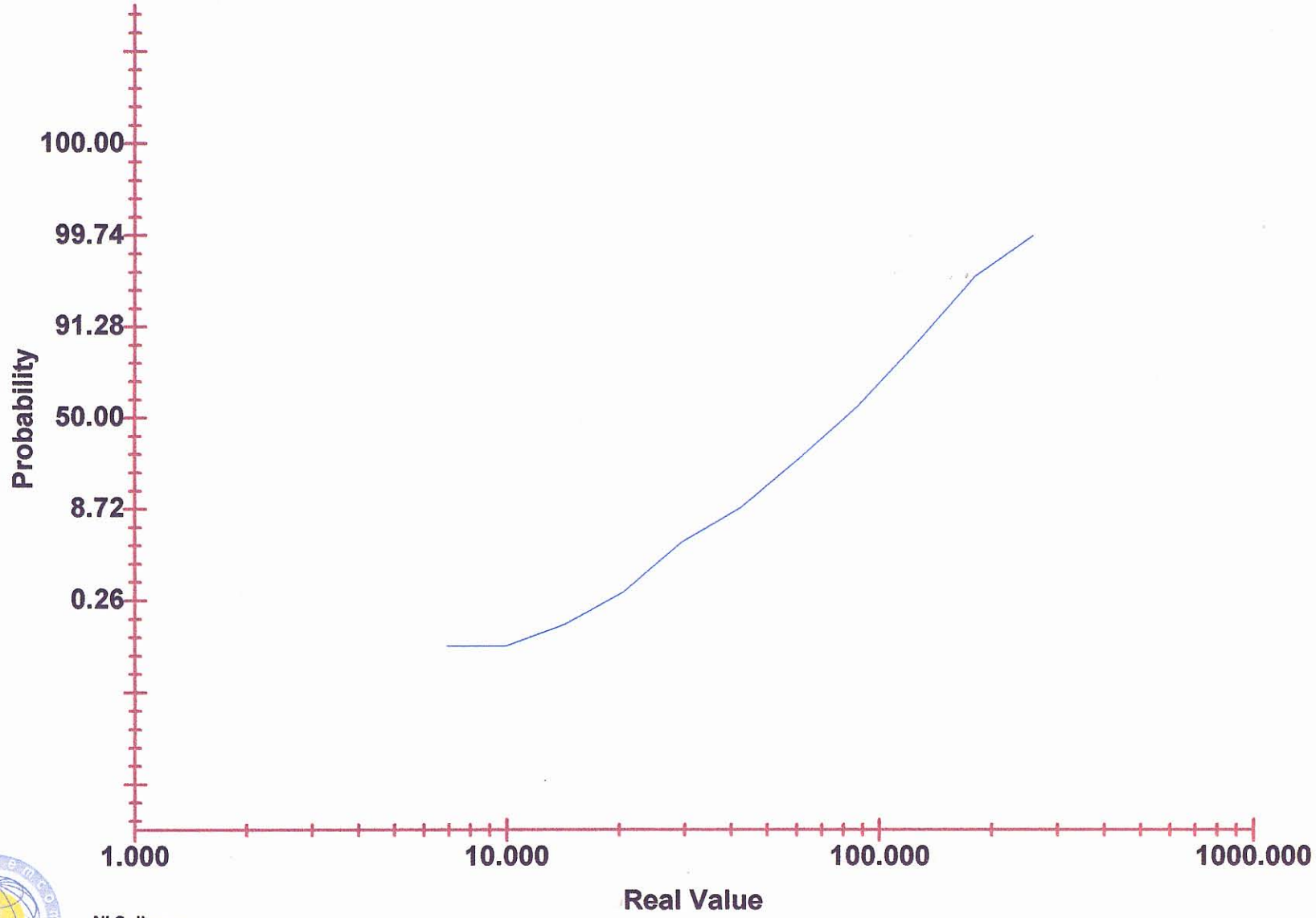


Software By Gemcom

90 = 215
95 = 250
99 = 380

LOG Normal Probability Plot

Ni Soil ppm



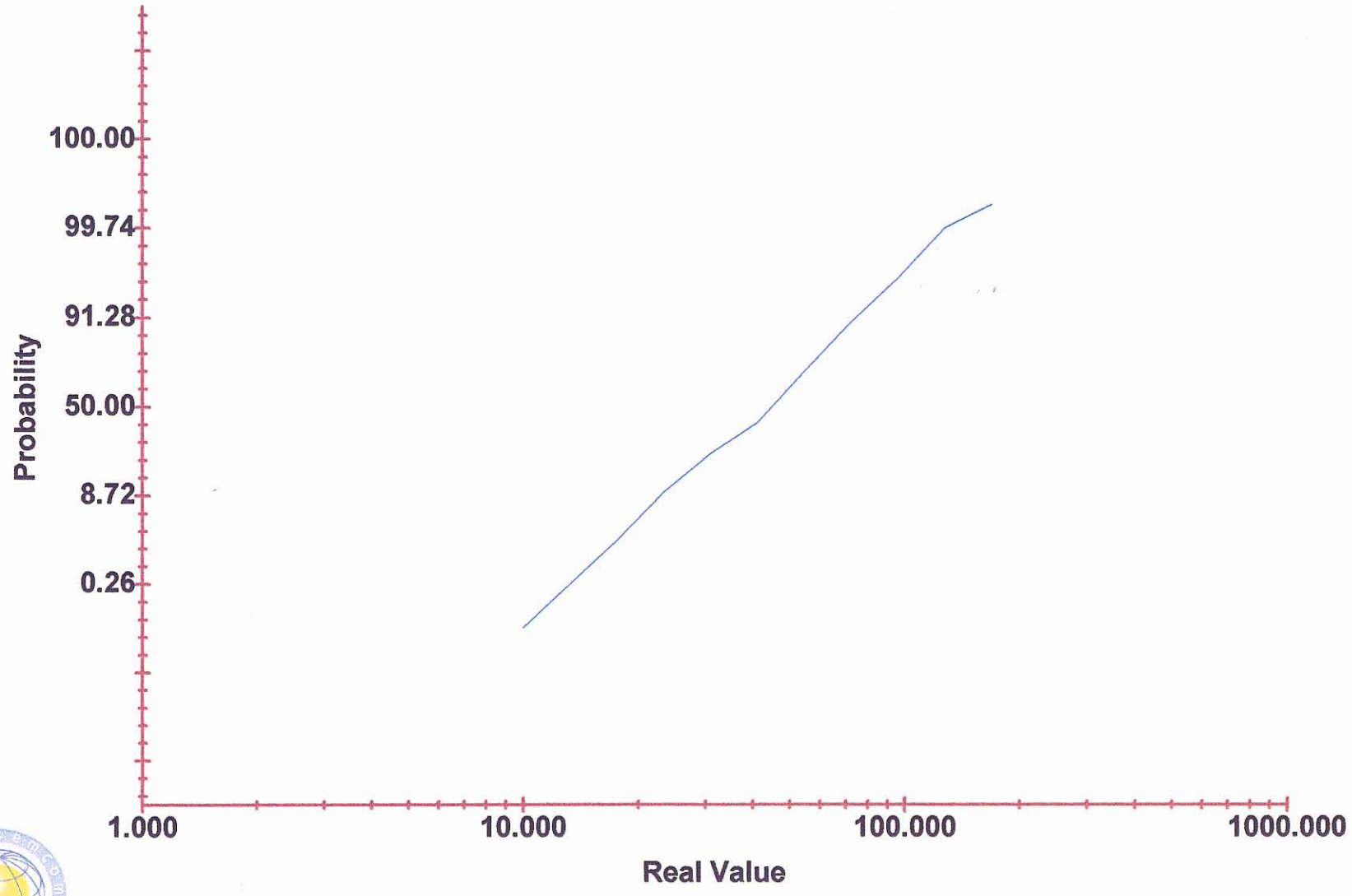
Ni Soil ppm

Software By Gemcom

90 = 129
95 = 142
99 = 177

LOG Normal Probability Plot

Cu ppm Soil

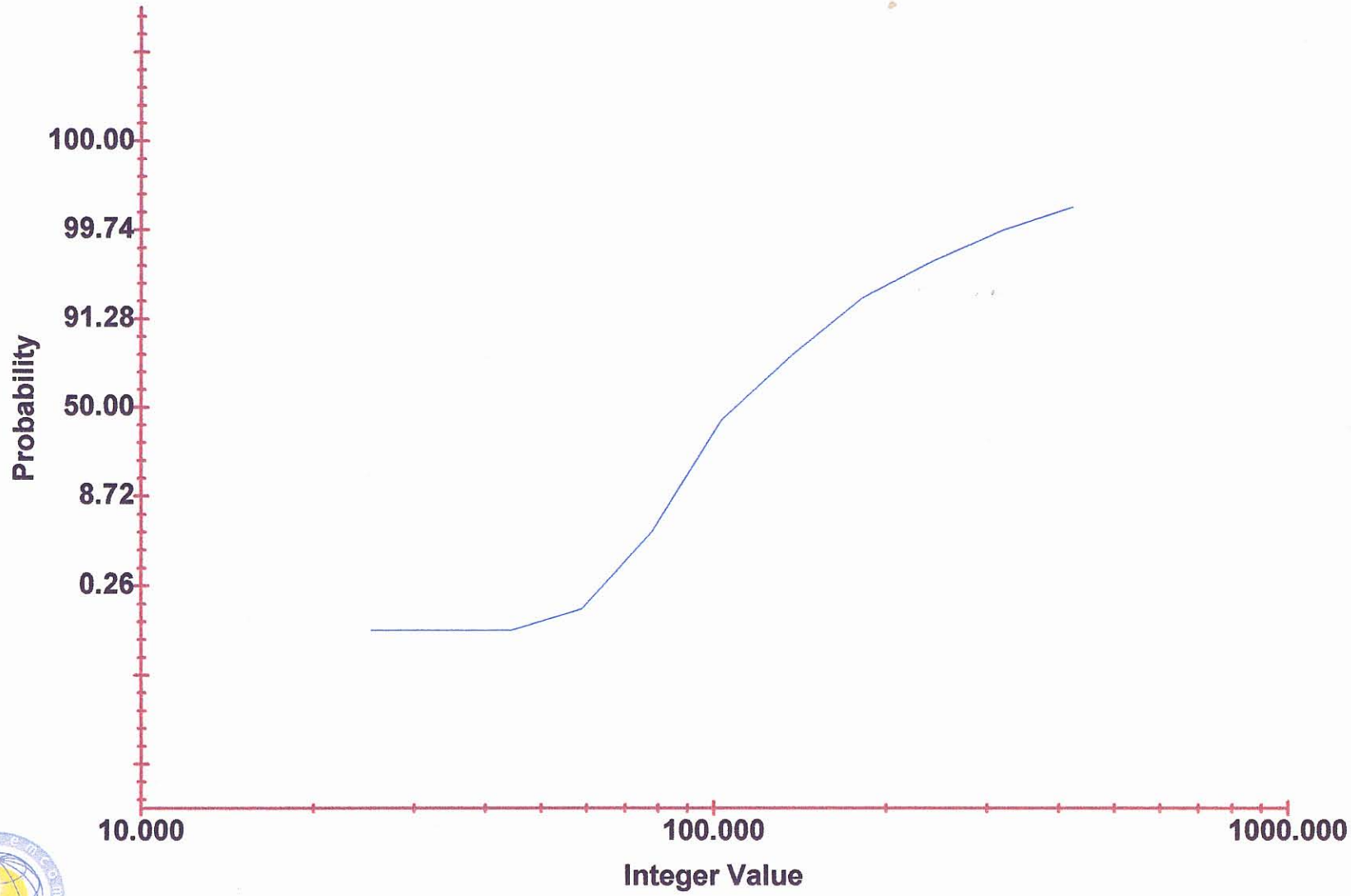


Software By Gemcom

90% = 69.0
95% = 79.0
98% = 102.0

LOG Normal Probability Plot

Zn ppm

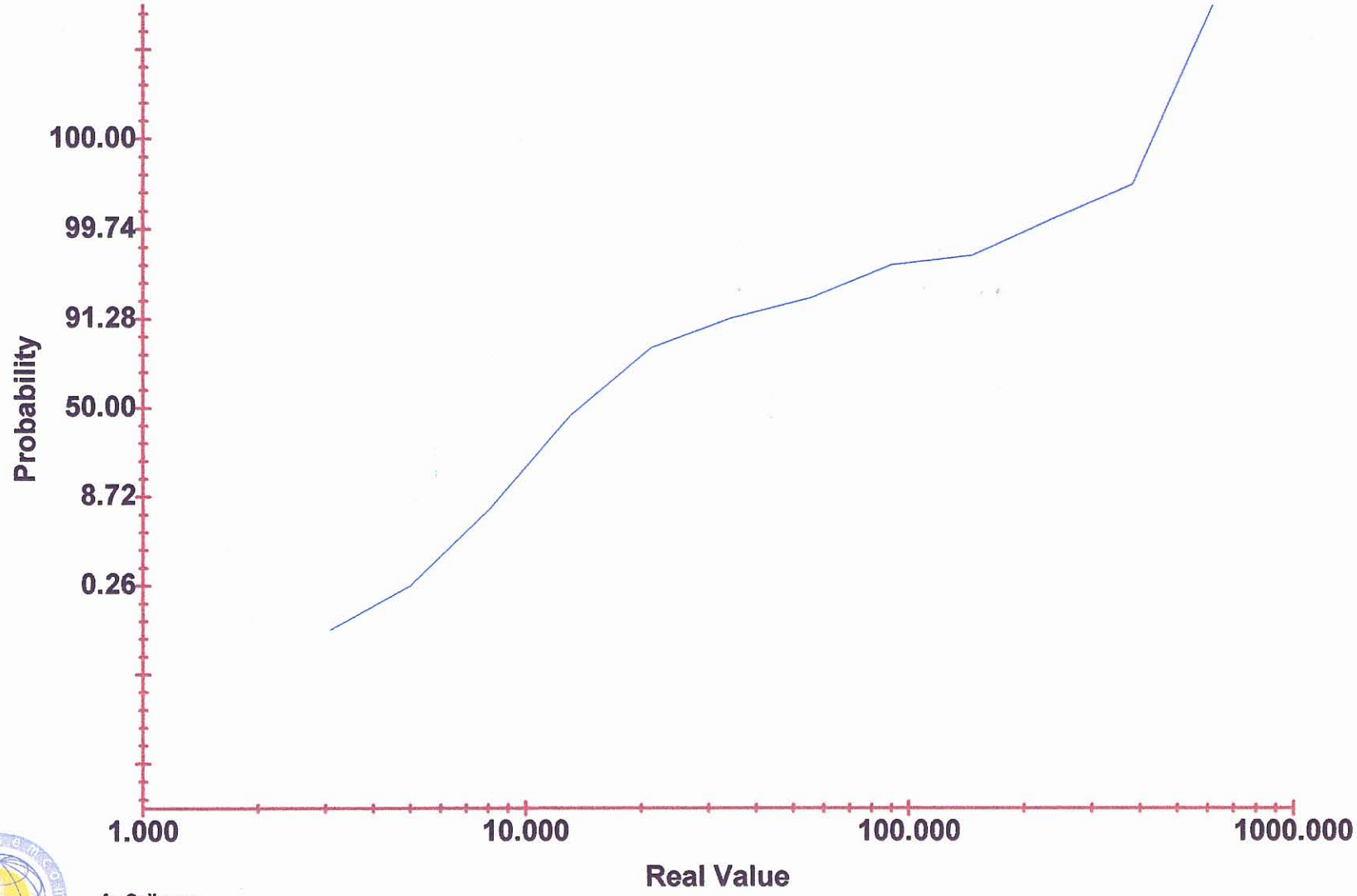


Software By Gemcom

90 = 154.6
95 169
99 270.5

LOG Normal Probability Plot

As ppm Soil



As Soil ppm

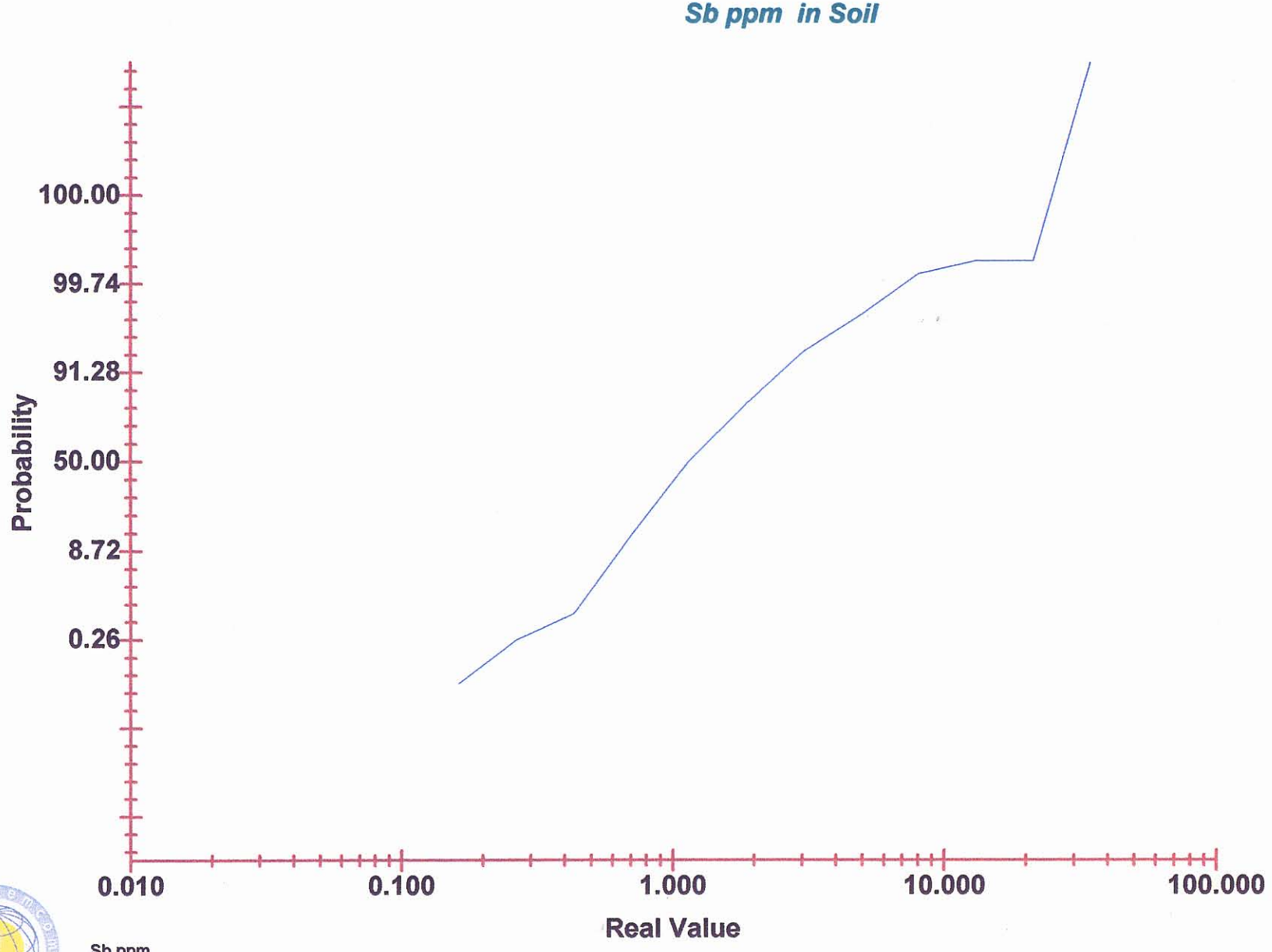
Software By Gemcom

90% = 25.0

95% = 40.0

99% = 86.3

LOG Normal Probability Plot

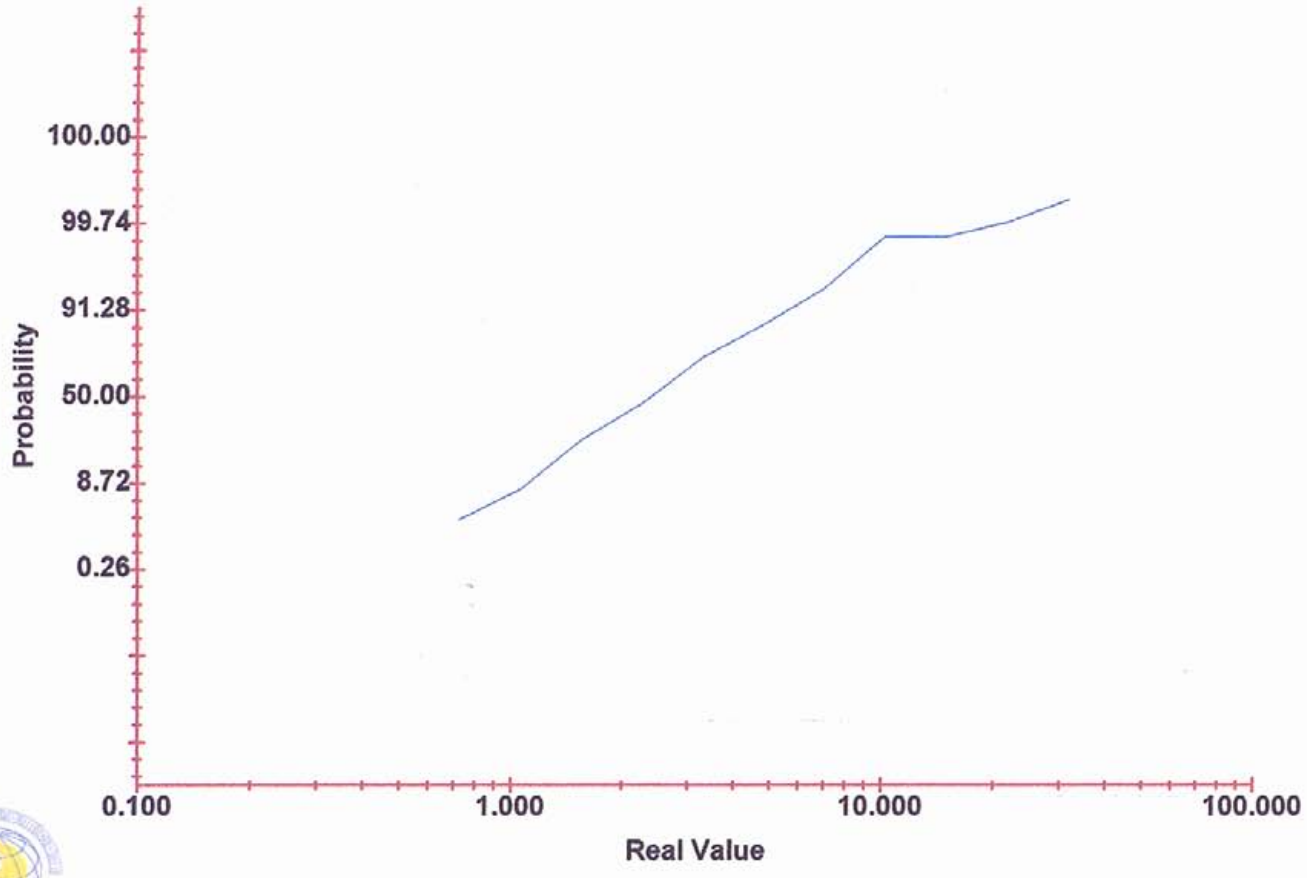


90% = 2.33
95% = 2.65

LOG Normal Probability Plot

ART 05

AuSoilppb



Software By Gemcom

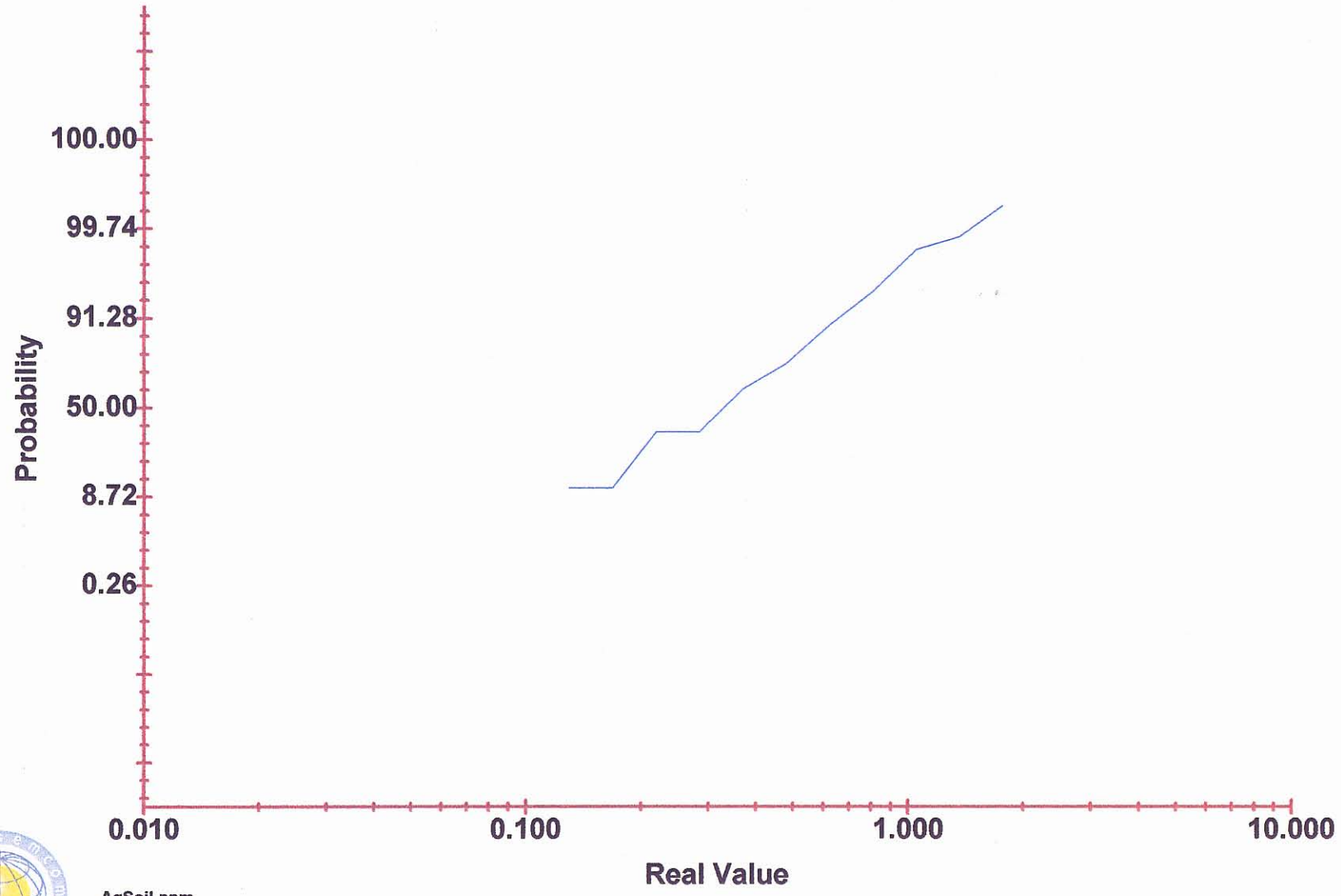
90% 5 - 6.3

95% 6.3 - 8.6

99% 8.6 - 49.0

LOG Normal Probability Plot

Ag Soil ppm



AgSoil ppm

Software By Gemcom

90% 0.59
95% 0.69
99% 0.94