GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

FOX PROPERTY

CARIBOO MINING DIVISION

NTS 093A008

Prepared for

HAPPY CREEK MINERALS LTD.
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By
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And
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Summary

The Fox property is located approximately 70 kilometres northeast of 100 Mile House, in the South Cariboo region, British Columbia. Access is via existing paved and gravel roads and skid trails in clear cuts through the property.

The property is underlain by Snowshoe Formation, comprised of gneiss, calc silicate and schists, of Permian and older age. These rocks are cut by the Deception stock, of per aluminous granite composition and assumed Cretaceous age, along with spatially associated dikes and sills of alaskite, pegmatite composition, and quartz veins cut all rocks. A hornfelsed zone, approximately 2 kilometres in dimension occurs away from the stock contact and contains trace to 3% pyrrhotite. Calc silicates are comprised of red-brown garnet, pale to dark green pyroxene, amphibole, quartz, and contains trace to 5% pyrrhotite, and locally molybdenite, powellite, scheelite, and trace chalcopyrite, sphalerite occurs.

Exploration in 2005 comprised grid layout, soil, rock geochemical sampling, prospecting and geology mapping. This work expanded on previously known areas, and located a significant new tungsten zone (Nightcrawler) east of the original discovery molybdenum zone.

Soil geochemical results suggest molybdenum in soil anomalies of approximately 1000 X 50-200 metres, 800 X 25-300 metres in dimension occur and in part remain open. A tungsten in soil anomaly of approximately 1000 X 200 metres occurs in proximity with the Nightcrawler zone, and an anomaly approximately 400 metres in length occurs in the southwest corner of the grid and remains open; these data strongly suggest further zones of tungsten and molybdenum to occur on the property.

Rock samples from the Nightcrawler zone have returned trace to 3% tungsten from outcrop, subcrop and float rock samples 0.25-1.0 metres in thickness, within an area approximately 500 metres in length and 100 metres in width.

Recommended work is comprised of $75,000 in phase one, and $350,000 for diamond drilling of 1750 metres in phase two.

1) Location and Access

The Fox property is situated approximately 70 kilometers northeast of 100 Mile House, in the South Cariboo Regional District, British Columbia (Figure 1). From Eagle Creek Post Office, near the north end of Canim Lake, the Canim-Hendrix (6000) road is taken northerly about 17 kilometers to the junction with Spanish-Deception (7000) road which is followed easterly for 14 kilometers to No-Name-Deception (7200) which is taken northerly for 14.5 kilometers to the center of the property. The property is within NTS map sheet number 093A.008, Zone 10, and centered at approximately 670000 East and 5770000 North.

2) Physiography and Infrastructure

Elevations range from 1120 meters in Deception Creek to 1950 metres in the north. The area is in mountainous terrain with slopes ranging from gentle to extremely steep and local cliff. The lower slopes are well forested with spruce, sub-alpine fir, pine and aspen interspersed with alder thickets, and open areas of low lying bush mark alpine terrain on Deception Mountain to the north. The area of the Fox Grid is in an old (circa 100 years) burn with little deadfall and flanked by newer logging clear cuts. The 7200 logging main was constructed from 1990 to 1993 and prior to this access was limited to horseback or helicopter. A hydro transmission line, which powered the former Boss Mt mine, is still energized to Hendrix Lake town-site, approximately 12 kilometers to the west.

3) Claim Status

The present Fox property is an amalgamation of several smaller claim groups which were located between1999 to 2002. The original claims consisted of three claim groups, (Fox, Deception, and Pup) comprising 133 contiguous units. This property was converted to cell claims on June 10, 2005 and cover 3,517 hectares. Details of the Mineral Tenure are provided in Table 1 and shown in Figure 2.

4) Property History

In 1981 Mattagami Resources conducted a regional silt geochemical survey and followed up on the best results in June 1982 by limited prospecting and soil sampling at high elevations on Deception Mountain. This work identified a previously unknown granite intrusion cutting older Snowshoe Formation schist and indicated local tungsten soil anomalies associated with the assumed northern and eastern boundary (Halloff, 1982 AR. # 10,641).

In 1997 D. and C. Ridley prospected along the newly constructed 7200 logging road as part of BC Prospectors Assistance Program (Ref. No. 97-98 P66). This work located the southern contact of Deception stock and identified garnet-rich skarn alteration associated with it. No mineralization was found associated with this skarn near 7218 kilometer post.

Between June 21 and June 26, 1999, D. Blann, D. Black and D. Ridley carried out geological mapping and prospecting along roads along the 7200 road. On June 21, 1999, Darin Black located a granite-aplite boulder beside the road containing quartz with small patches of molybdenite. D. Ridley prospected above this area between 7214 and 7215 kilometer posts and discovered skarn with significant molybdenum, tungsten, and anomalous zinc, and led to the first Fox 1-4 two-post mineral claims. The Fox molybdenum showing was found at this time. This work was part of the Prospectors Assistance Program (Ref. No. \99-\00 P-62), and was recorded for assessment work credits (A.R. #26,275).

Further work by Ridley during 2000 included additional grid-based prospecting, soil sampling, and geophysical surveys, as well as additional claim staking (Ref. No. 00-01 P-65). This work resulted in the recognition of a large area of skarn alteration extending at least three by one kilometers along the southern edge of the Deception stock. Several significant zones of mineralization were found associated with this large alteration envelope. (A.R. #26,611). In July 2000 Ridley and Black located the Deception 1-9 mineral claims covering the northern edge of Deception stock. Prospecting was carried out from a fly camp near the southwest corner of the Deception claims. Skarn alteration was most prevalent in the eastern half of the claims and several minor occurrences of tungsten, zinc, and copper were found (A.R. #26,609).

In July 2001 the Fox 1-6 claims were optioned to Starcore Resources Ltd who expanded the claim position and conducted a limited soil sampling survey on the South grid, and identified anomalous concentrations of tungsten in soil occurred (A.R. #26,943). K. Dawson, PhD, P.Geo., examined the property and recommended up to 2000 meters of diamond drilling on the Fox grid as well as an aggressive exploration program for the rest of the property (Dawson 2002). Starcore failed to complete its financial commitments and the property was returned to Ridley in 2002. The Pup 1-9 claims were located during 2002 to connect the Fox and Deception properties. By late 2002, the property consisted of 133 contiguous metric units.

In December 2004, the entire property was optioned to Happy Creek Minerals Ltd. Between May and June 2005 Happy Creek conducted prospecting, geological mapping, and soil sampling over an expanded Fox grid. The Nightcrawler tungsten prospect was discovered at this time. In June 2005 Happy Creek converted the property to cell claims, and filed assessment work completed to date.

5) Regional Geology

The Fox tungsten-molybdenum property is underlain by metasedimentary rocks of the Late Proterozoic-Early Paleozoic Snowshoe Group, part of the Kootenay Terrane of displaced and deformed North American shelf sedimentary rocks. These rocks lie east of the continental scale Eureka Thrust, marking the collision boundary between the Quesnel Terrane allocthon to the west, and older continental shelf sediments to the east (Figure 3). The basal black phyllite unit of the Nicola Group occur immediately west of the Fox property.

Intrusions of garnet biotite-muscovite granite composition cut older rocks and are likely of Cretaceous or younger in age- similar to the Boss Mt. stock located approximately 30 km to the northwest. Regional mapping to the north suggest rocks are comprised of quartz rich grit/metapelite gneiss to the west, and are more carbonate-rich to the east in proximity with a major northwest trending anticline axis (Filipone, 1990).

Amphibolite, gabbro, dunite and serpentine occur east of the property forming a thrust-fault bounded block approximately several kilometres in diameter, and are Permian-Mississippian in age.

The youngest rocks in the region are blocky olivine basalt flow, Recent in age, and occur southeast of the property in the Spanish Creek valley (Flourmill volcanoes), and also on the Silverboss property adjacent Boss Mt. molybdenum mine northwest of the Fox property.

Glacio-fluvial related deposits cover most valley and low lying areas, and are between 1-50 metres in thickness.

6) Property Geology

The main 7200 road has exposed bedrock along the right-of-way otherwise exposure is limited and rare at lower elevations. The Fox property is underlain by the Snowshoe Group metasediment and calc silicate rocks, Cambrian or older in age; these rocks are comprised of dominantly banded quartz, biotite, mica gneiss and minor schist to the west, and at higher elevations to the west and south of the property; biotite-muscovite schist, calc silicate and grey limestone occur in the central to eastern part of the property (Figure 4). Limestone appears only where property-wide intense calc silicate replacement is has not occurred. Foliation in schist and calc silicate bands trend northwest dip gently to moderately. Dips vary from 310/10-35 in the northeast to 140-150/10-60 to the west and south of the main intrusive contact (Figure 4). In the area of the Discovery molybdenum skarn, bedding trends 140/45-55.

The Snowshoe Formation is cut by per aluminous, red garnet-bearing biotite-muscovite granite (Deception stock) and dikes and sills of alaskite-aplite occur. Pegmatite and quartz veins cut intrusive and metamorphic rocks and have variable orientations. Contact between calc silicate, schist and granite dykes 2-20 metres in thickness trend north and dip steeply near the river; however dikes or sills near the road and further southwest appear to trend northwest and dip variably.

A zone of hornfels occurs up to several kilometres south of the Deception stock contact and is marked by moderate fracturing, rusty weathering, increased pyrrhotite+/- pyrite content and biotite to locally sericite alteration. Calc silicate zones contain red-brown garnet, pale-dark green pyroxene, locally vesuvianite, and marble. Refer to a petrography description by A. Thompson, P.Geo (Appendix 2). Calc silicate generally contains trace to over 3% pyrrhotite,

trace chalcopyrite. Molybdenite +/- scheelite, and locally powellite, sphalerite occurs in outcrop, subcrop and float over a distance of approximately 1.3 kilometres around the main intrusive contact, and up to 300 metres or more away from it.

The Nightcrawler tungsten zone is comprised of outcrop, subcrop and angular, blocky float samples containing trace to over 3% tungsten in assay, with locally trace chalcopyrite and sphalerite; trace molybdenite occurs locally. Scheelite occurs as fine to very coarse grains of up to 3mm X 10mm dimension as dissemination and along foliation planes and cross-cutting fractures within calc silicate rocks. Tungsten skarn occurs in spatial proximity with calc silicate and granite stocks, dykes and sills.

The Discovery molybdenum zone, located approximately one kilometre west, is comprised of garnet-vesuvianite skarn and pyroxene-amphibole skarn containing disseminated and fracture filling of molybdenite, locally up to 4.9% molybdenum over 10 cm. (Dawson, 2002).

Skarn rocks locally contain anomalous values of bismuth (>200 ppm), gold (100 ppb) and arsenic (>200 ppm), however their relationship with tungsten and molybdenum and remains unclear.

7) Soil Geochemical Survey

In 2005, the 1999-2000 Fox grid was expanded to the west, east and south and extended north to the bank of Deception Creek. The baseline roughly follows the main 7200 road with north-south lines established at 100 meter intervals and soil samples were collected every 50 meters along the lines. Grid lines were run with hip-chain and compass for a total of 20.7 line-kilometers resulting in the collection and subsequent analysis of 310 soil samples.

Samples were taken of “B” or preferably “BF” where available, otherwise, basal till “C” horizon was used. Sample depth ranged from 20 to 50 centimeters below surface depending on horizon available at the site. A soil auger was utilized for sampling and is a superior tool for soil sampling in heavily wooded terrain. Glacial till and fluvial deposits are believed to be between 0.5-3.0 metres in thickness over the grid area.

Dried soil samples were sent to Acme Analytical Laboratories of Vancouver, B.C. for analysis. The samples were screened to -80#, dissolved in aqua regia, and analyzed using ICP (1999-2001), and ICP-MS (2005). Geostatistical analyses of the two populations were performed and log normal probability plots created, giving 80, 90, and 99% probability anomalies for molybdenum and tungsten. It should be noted that the aqua regia digestion is partial for refractory minerals such as scheelite (tungsten), and that at least some coarse grained scheelite may not pass the initial -80# screen.

Several anomalous zones of molybdenum and tungsten in soil were identified and are summarized below, and shown in Figures 5, 6, respectively.

Anomalous molybdenum in soil occur over approximately 1 kilometres in length and 50-200 metres in width trending northwest starting from around line L18E, 10+00 north to Line 8 E, 19+00 north. Scattered float or subcrop rock samples from this area has returned trace molybdenite in skarn and intrusive rocks. A second zone occurs in the north-central portion of the grid from approximately Line 16 E, 13+00 north to Line 24 E, 14+50 north and is between 25-300 metres in width. The western edge of this anomaly is marked by the original molybdenum skarn discovery between Line 16E and 17E, 13+00 north. The majority of the anomaly lies east of this outcrop and is largely covered by overburden, however locally subcrop or float rock samples have returned trace molybdenite, powellite, and scheelite.

Anomalous tungsten in soil occurs in several areas of the grid. One anomaly occurs between Line 8-10 E, Line 11+00- 18+00 north and remains open to the west. Another anomaly occurs between Line 18 and 28 east, Line 14+00 and 16+50 north, marking an area within which tungsten in float, subcrop and outcrop rock samples were obtained (Nightcrawler zone). Other, smaller anomalies occur to the south of this area. An anomaly also occurs in the southwestern portion of the grid between Line 8E and 12 East, 8+50-5+50 south, and remains open to the south, east and west. Approximately 500 metres further south, the South grid also contains anomalies of tungsten in soil (Ridley, 2002).

8) Rock Sampling and Geology Results

Rock sample descriptions and assay results are summarized in Table 2, and grid geology and rock sample locations are provided in Figure 7.

Using a UV light, prospecting in the late evening was performed over the eastern portion of the grid area and identified rocks containing scheelite (tungsten mineral) in outcrop, subcrop and float over approximately 100 metres in width and 500 metres in length. Flagging was thrown down in areas for sampling during daylight the next day. Results include maximum value of 3.16% tungsten, 5 others greater than 2% tungsten, and 6 more greater than 1% tungsten, estimated at approximately 0.25-0.75 metre in width (Table 2- Rock Sample Description Sheets, Appendix 1- Assay Certificates).

The Nightcrawler tungsten zone occurs in proximity with the Deception stock of per aluminous granite composition, and spatially associated dikes and sills of similar composition; alaskite, pegmatite and quartz veins cut intrusive, calc silicate and schist. Garnet and pyroxene locally appear altered to amphibolite and mica. Scheelite occurs as fine to very coarse grains of up to 3mm X 10mm dimension as dissemination and along foliation planes and cross-cutting fractures within calc silicate rocks. Most scheelite occurs as fine grained dissemination and medium grained bands within pyroxene, calc silicate skarn. Coarse grained scheelite, between 2-7 mm in dimension also occurs in quartz veins or quartz-rich zones within the calc silicate, granite/alaskite and pegmatite. Pyrrhotite, and trace chalcopyrite, sphalerite locally occur in higher-grade samples. Tungsten bearing calc silicate beds are between 1cm to over 2 metres in width, separated by schist, and un-mineralized skarn of several centimeters to metres in thickness. Calc silicate appears to have largely replaced limestone on the property; however, boulders and subcrop of grey-white colored impure limestone occur locally.

9) Discussion

The Fox tungsten molybdenum property is located approximately 25 km southeast of the Boss Mt. Molybdenum mine, or 70 km northeast of 100 Mile House, in the south Cariboo region of B.C. The property is underlain by Snowshoe Formation gneiss, schist and calc silicate of Permian or older in age, and cut by a per-aluminous, garnet bearing granite, of assumed

Cretaceous age. A zone of hornfels occurs over approximately 2 kilometres from the stock, and alaskite, pegmatite and quartz veins cut older rocks.

The Nightcrawler tungsten zone is approximately 500 metres in length and 100 metres in width, and is defined by generally pure fine to coarse grained scheelite in calc silicate beds estimated at approximately 0.25-0.75 metres in width containing minor or no molybdenum values. Rock samples results include a maximum value of 3.16% tungsten, 5 others greater than 2% tungsten, and 6 more greater than 1% tungsten.

The Discovery molybdenum zone is comprised of garnet-vesuvianite skarn and pyroxene-amphibole skarn containing disseminated and fracture filling of molybdenite, locally up to 4.9% molybdenum over approximately 10 cm. Molybdenum occurs over a wide area, locally in the form of powellite, but appears generally west of the Nightcrawler zone, and suggests in part remobilization or separate deposition events.

Soil sampling results using standard analytical methods generally correlate well to mineralized surface showings, float and subcrop samples for both tungsten and molybdenum, however, aqua regia digestion is only partial for tungsten, and coarse grained scheelite may not pass initial –80# screening. Several anomalies remain open and unexplained, and suggest potential for additional tungsten and molybdenum to occur in these areas. In particular, tungsten in soil anomalies in the southwest corner of the grid occur within 500 metres of the South grid tungsten soil anomalies and represent an attractive geochemical exploration target.

10) Conclusions

The Fox property is situated approximately 70 kilometers northeast of 100 Mile House, in the South Cariboo Regional District, British Columbia.

The Fox tungsten-molybdenum property is underlain by metasedimentary rocks of the Late Proterozoic-Early Paleozoic Snowshoe Group, part of the Kootenay Terrane of displaced and deformed North American shelf sedimentary rocks. These rocks lie east of the continental scale Eureka Thrust, marking the collision boundary between the Quesnel Terrane allochthon to the west, and older continental shelf sediments to the east.

The calc silicate and tungsten-molybdenum skarn zones occur in proximity with the Deception stock of per aluminous granite composition, and spatially associated dikes and sills of similar composition; alaskite, pegmatite and quartz veins cut intrusive, calc silicate and schist. Garnet and pyroxene locally appear altered to amphibolite, locally epidote and mica. Molybdenite occurs as disseminated and semi-massive replacement of skarn, locally up to 4.9% molybdenum over 10 cm width in the Discovery zone. Scheelite occurs as fine grained dissemination and medium grained bands within pyroxene, calc silicate skarn. Coarse grained scheelite, between 2-7 mm in dimension also occurs in quartz veins or quartz-rich zones within the calc silicate, granite/alaskite and pegmatite. Pyrrhotite, and trace chalcopyrite, sphalerite locally occur in higher-grade samples. Tungsten bearing calc silicate beds are between 1cm to over 2 metres in width, separated by schist, or un-mineralized skarn. Calc silicate skarn appear to have largely replaced limestone on the property, however, boulders and subcrop of grey-white colored impure limestone occur locally.

Rock sampling in 2005 returned significant tungsten values from the Nightcrawler zone, located east of the Discovery molybdenum zone. The Nightcrawler zone is approximately 500 metres in length and 100 metres in width containing outcrop, subcrop and angular float of calc silicate with generally medium to coarse-grained scheelite, and minor molybdenite. Values of between trace and 3% tungsten were obtained from samples estimated at approximately 0.25-0.75 metres in width. Results include maximum value of 3.16% tungsten, 5 others greater than 2% tungsten, and 6 more greater than 1% tungsten

Soil sampling survey in 2005 returned anomalies of tungsten and molybdenum in proximity with known mineralized zones. Molybdenum in soil anomalies of approximately 1000 X 50-200 metres, 800 X 25-300 metres in dimension occur and in part remain open. A tungsten in soil anomaly of approximately 1000 X 200 metres occurs in proximity with the Nightcrawler zone, and an anomaly approximately 400 metres in length occurs in the southwest corner of the grid and remains open; these data strongly suggest other zones of tungsten and molybdenum to occur on the property.

11) Recommendations

The Fox property contains a significant new discovery comprised of a classic tungsten molybdenum skarn deposit, and further work is recommended in two phases. Further work is recommended totaling $75,000 for additional grid and soil geochemical surveys, mag-VLF geophysics, and initial prospecting and geology in a fly-camp on Deception Mountain.
Phase 2 would comprise $350,000 for 1750 metres of diamond drilling.

Phase 1: $75,000

-Continued prospecting and UV lamping over the grid soil anomalies and beyond, north of the creek, and fly camp on top of Deception mountain (min 5 days).
-Expand the geochemical grid to south, west and east.
-Perform magnetic and VLF geophysical survey over the grid.
-Excavator drill trail access, trenching and test pits

Phase 2: $350,000

Diamond drill 1,750 metres in 15 holes over the Nightcrawler tungsten and Discovery molybdenum skarn.

12) References

Campbell, RB; 1978: Geology of the Quesnel Lake Area, NTS 93A, GSC Open file #574.

Campbell, RB Tipper, HW; 1971: Geology of Bonaparte Lake Area, 92P, GSC Memoir #363

Dawson, K.M. 2002. Report on the Examination of the Fox 1-17 Mineral Claims, for Starcore Resources Ltd., Vancouver, B.C.

Filipone, JA Ross, JV; 1990: Deformation of the western margin of the Omineca Belt near Crooked Lake, east-central British Columbia, in Can. J. earth Sci., Vol. 27, 1990, pgs. 414-423.

Helsen, J; 1982: Quesnel Project, Jezebel Claim Group, Geochemistry and Geology report #2, BC Ass. Rpt. #10641.

Mattagami Mines. MEMPR, Assessment Report #10,641.

Ridley, D.W. 2000. Geological, Geochemical and Geophysical Report on the Fox 1-6 Mineral Claims. MEMPR, Assessment Report # 26,611.

Ridley, D.W. 2000. Prospecting Report on the Deception 1-9 Mineral Claims. MEMPR, Assessment Report # 26,609.

Ridley, D.W. 2000. Prospecting Report on the Fox 1-4 Two-Post Mineral Claims. MEMPR, Assessment Report # 26,275.

Ridley, D.W. 2002. Geochemical Report on the Fox 7-21 Mineral Claims. MEMPR, Assessment Report # 26,943.

13) Statement of Costs

Wages		Fox	DAYS	$/DAY	
D. Blann, P.Eng.	Geology	4.8	4.80	$500.00	$2,400.00
D. Ridley, prospector	Field Work	19.0	19.00	$325.00	$6,175.00
D. Ridley, prospector	Office Work	1.6	1.60	$175.00	$280.00
D.Black, prospector	Field Work	19.0	19.00	$250.00	$4,750.00
					$13,605.00
Disbursements					
	Field Transportation-Truck, ATV	$ 2,013.96			$2,013.96
	Field Supplies/expendables	$ 689.29			$689.29
	Assay: analytical services	# samples	$/sample		
	Rocks- W assay + 36 El ICP-MS	50.00	$ 31.15		$1,557.50
	Soil	280.00	$ 12.40		$3,472.00
	Petrographic services	$ 175.00			$175.00
	Room/ Board	$ 2,879.26			$2,879.26
	Communications/radios/sat phone	19	$ 20.00		$380.00
	Reproductions	$ 122.00			$122.00
	Report	$ 3,000.00			$3,000.00
					$14,289.01
				Wages and Disbursements	$27,894.01
				Management Fee @10%	$2,789.40
				Subtotal:	$30,683.41
				Bus # 129095428 RT0001	
				GST @7%:	$2,147.84
				Total:	$32,831.25

Respectfully Submitted,

David E. Blann, P.Eng.

14) 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.

Dated in Squamish, B.C., August 30, 2005

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David E Blann, P.Eng.

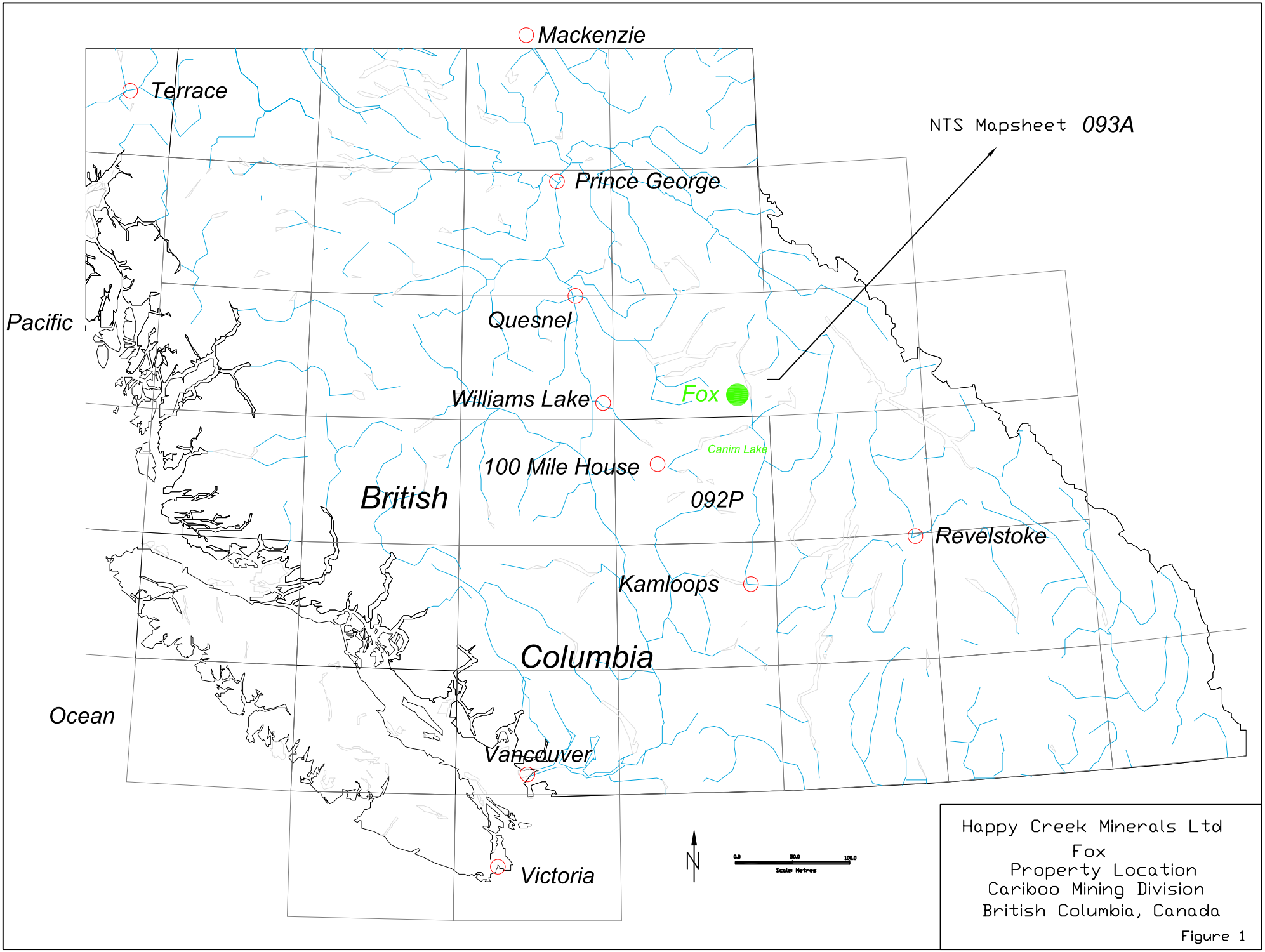
Tables

Table 1
Mineral Tenure

Tenure Number	Claim Name	Owner	Map Number	Expiry Date	Status	Mining Division	Area (Ha)	
514261	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	1232.62	
514263	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	774.62	
514269	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	1231.99	
514270	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	119.3	
514271	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	119.3	
514311	Fox	122739 (100%)	093A	2007/DEC/31	GOOD	CARIBOO	39.75	
							3517.58	Ha

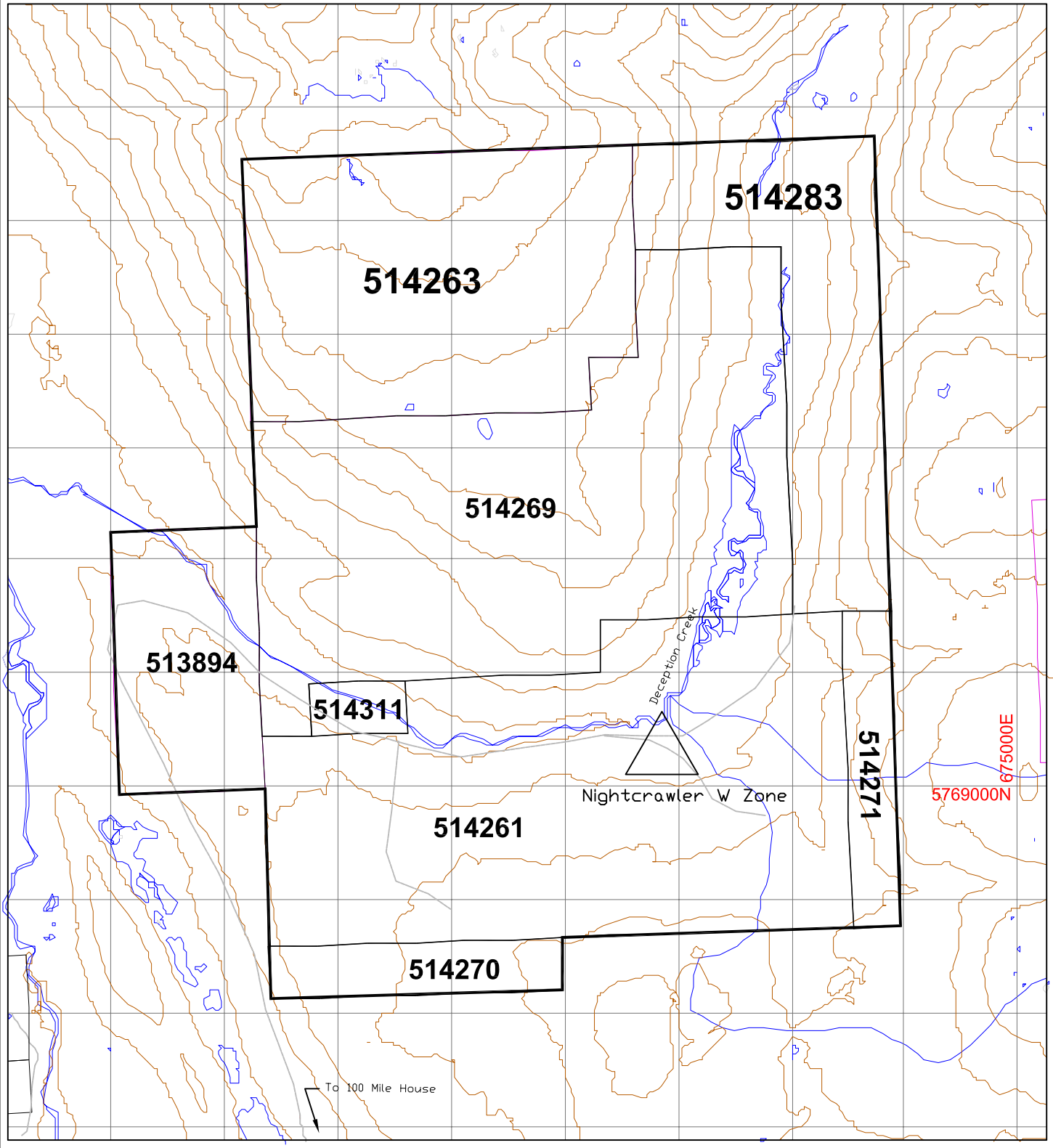
Sample ID	Grid E	Grid N	Description	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Au ppb	Sb ppm	Bi ppm	W ppm	Hg ppm	W %	phos acid %
41501	L22+95E	14+95N	ang float in road bank; skarn with 10 cm aplite dyke; 2-3% po, minor sphal-cpy-mo	150.0	134.6	37.1	35	6.2	0.9	7.0	0.3	71.5	20	0.01	<.01	0.01
41502	L25+90E	14+80N	ang float; skarned seds minor po tr cpy; grab from several similar boulders	1.2	72.9	10.1	46	0.3	0.6	2.9	0.1	4.1	32.2	<.01	<.01	0.01
41503	L26+07E	15+12N	ang float in landing; qtz-rich skarn; uo to 1 % po, tr sphalerite	1.6	46.5	4.8	393	0.2	<.5	6.1	0.2	26.9	>100	0.15	1.28	1.16
41504	L30+75E	BL15N	ang float subcrop?? Pyrox-garnet-qtz skarn with aplite dykelets 5-7% po	1.0	286.0	6.5	35	0.5	<.5	3.3	0.1	1.0	20.5	0.01	0.01	0.01
41505	L30+38E	15+11N	ang float as at 41504; less garnet	0.5	133.0	6.3	84	0.4	0.7	4.2	0.1	7.8	>100	0.18	0.15	0.17
41506	L29+50E	15+20N	grab probable outcrop; highly limonitic sediments; 10-15% po	0.5	180.4	12.0	27	0.6	<.5	2.2	<.1	1.3	7.6	0.01	<.01	0.01
41507	L29+86E	15+20N	subcrop? Qtz-rich skarn; 2-3% po	0.6	88.0	3.4	31	0.3	<.5	2.7	<.1	4.5	3.6	<.01	<.01	<.01
41508	L27+95E	14+98N	ang float in landing; alternating BMQ schist and skarn beds to 50 cm thick	0.8	62.1	3.3	105	0.3	1.1	18.9	0.1	45.5	>100	0.62	0.51	0.52
41509	4 m west of 41508		ang float; 40cm boulder all skarn minor qu\tz and aplite veining; 1% po	3.0	70.6	4.9	659	0.3	0.6	3.5	<.1	15.6	>100	0.12	2.94	2.92
41510	at 41509		large boulder in landing, 1x1.3x 0.7 meters; sct and skarn cut by qtz and aplite stockwork	0.7	61.0	3.0	72	0.2	1.6	6.3	0.1	10.5	>100	0.73	0.54	0.59
41511	L27+90E	15+10N	ang float 35 cm boulder; 2-3% po, tr sphalerite	4.4	89.9	7.1	232	0.8	0.7	63.3	0.1	145.9	>100	0.11	2.00	2.07
41512	L27+90E	15+25N	ang float 35 cm boulder; 2-3% po, up to 1% sphalerite	0.9	64.2	5.5	52	0.3	0.5	4.0	<.1	12.3	>100	0.13	0.11	0.12
41513	L28E	15+40N	ang float; qtz-garnet skarn; 1-3% po, minor sphalerite	4.0	54.3	3.5	1272	0.4	<.5	6.1	<.1	47.4	>100	0.1	3.03	3.16
41514	L26E	14+25N	ang float; qtz-garnet skarn; 1-2% po, tr sphal	2.3	39.1	4.4	716	0.8	0.7	100.7	0.3	153.5	>100	0.74	2.10	2.32
41515	L25+90E	14+30N	ang float in road ditch; qtz-garnet skarn; minor po	1.8	73.0	4.0	2190	0.3	0.8	15.2	0.1	34.4	>100	0.31	2.13	2.31
41516	L25+92E	14+27N	ang float; qtz-garnet skarn; 10-15% po, up to 1% cpy-sphalerite	2.0	150.8	3.0	360	0.3	<.5	1.0	<.1	5.4	>100	0.09	1.40	1.33
41517	L23+93E	14+10N	ang float in landing; repeat of old sample; see Dawson report	1.1	118.2	4.0	46	0.1	<.5	1.1	0.1	1.1	>100	0.1	0.40	0.38
41518	L22+30E	14+95N	large ang float boulders; repeat of HUM99DR20	2.3	103.0	4.6	54	0.2	0.5	3.2	<.1	3.9	>100	0.01	0.02	0.02
41519	L23E	13+35N	possible subcrop; aplite dyke in BMQ schist; tr mo-po													
41520	L23E	13+40N	ang float; aplite with qtz veining, widespread here; minor po, tr mo													
41521	L25+25E	15+15N	ang float; qtz-rich aplite in rusty schist; minor po; north side of road													
41522	L25+53E	14+97N	ang float subcrop? Green qtz-rich skarn; 1-3% po, tr sphal?													
41523	L26+76E	15+05N	ang float; qtz-garnet skarn; 1-3% po, rusty weathering													
41524	L32+10E	14+85N	subcrop; skarned sediments; last scheelite-bearing outcrop to east??													
41525	L30+10E	15+20N	ang float, subcrop; aplite-rich light green skarn; no garnet; 1-3% po													
41596			ang float; skarned biotite schist and cal-sil; 3-5% po, tr cpy	31.6	340.0	3.3	55	0.7	<.5	7.7	0.1	32.7	6.5	0.01	0.01	<.01
41597	L21+75E	15+12N	ang float north side road; skarned seds w qtz vein; 3% po, minor sphal-mo	141.2	92.7	4.8	468	0.3	<.5	3.2	0.1	3.8	>100	0.1	0.73	0.73
41598	L21+70E	14+95N	probable subcrop skarned sediments; 2% po, minor sphal-mo-cpy;	125.8	211.0	4.5	745	0.5	<.5	2.3	0.1	11.3	80.7	0.01	0.02	0.02
41599	3 m west of 41598		grab outcrop; sericite altered shear; minor mo	1151.5	175.0	6.6	151	0.4	0.5	7.0	0.1	13.3	>100	0.13	0.09	0.10
41600	L21+97E	14+97N	ang float and subcrop; skarned sediments;2-3% po, minor sphal-cpy	5.0	85.3	2.9	770	0.2	0.6	3.9	0.1	3.2	>100	0.39	0.34	0.29
151680			ang float on road; calc-sil with qtz vein; 3-5% po	1.3	154.6	47.3	13	6.9	1.1	109.1	2.2	173.9	>100	0.05		
151681			ang float on road; calc-sil w pegmatite; minor sphal-cpy-po	0.2	55.1	1.6	381	0.3	0.7	15.4	0.1	35.9	>100	0.09		
151682			ang float; vuggy qtz; 3%po tr cpy	2.4	96.1	3.3	7	0.2	0.5	1.8	0.2	0.9	12.3	<.01		
151683			ang float; qtz vein with semi-massive po	4.5	373.3	1.3	10	0.5	<.5	1	<.1	1.1	1.3	<.01		
151684			on road just east of 16 km post; calc-sil w 1-2% po	1.1	68.3	2.4	20	0.3	<.5	2.1	<.1	8.1	19.1	<.01		
151803			Rock o/c,q vns 2-3 cm cutting dark schist	0.4	145.2	10	20	0.1	0.7	3.3	<.1	0.3	0.6	<.01		
151804			Rock float, py-sp po, fq qtz vns,	1.9	97.8	6.6	2	0.2	<.5	0.7	0.1	0.2	3.3	<.01		
151805			Rock float, peg qtz vns bx in m-sch, red feox	0.3	3.4	8.3	4	<.1	<.5	1.2	<.1	0.7	0.2	<.01		
151806			Rock float, msv py-po banded?, sp, Amph	14	375.1	6.5	97	1.3	<.5	3.5	<.1	0.2	2.4	<.01		
151807			Rock float, peg qtz vns 2k, brown act-b- sch	0.8	4.7	8.7	7	<.1	<.5	0.5	<.1	1	0.1	<.01		
151808			Rock float, amph sch, w py-cp	14.8	93.4	2.8	38	0.3	<.5	0.5	<.1	0.1	0.3	<.01		
151809			Rock float- 2 tonne, Feox msv in qtz	3	40.2	3.9	49	0.1	<.5	1	<.1	0.1	0.5	<.01		
151810			Rock float, msv py-po banded?, sp, Amph	0.5	757.3	3.4	49	0.9	<.5	0.7	<.1	0.6	0.1	<.01		
151811			Rock float, banded po-py in fg meta-v-s	0.7	33.4	17.7	41	0.1	<.5	<.5	<.1	0.2	0.7	<.01		
151812			Rock o/c Qvns 2-5 cm cut leuco gr/aplite	1.1	23.2	11.8	2	<.1	<.5	<.5	0.1	<.1	>100	0.01		
151813			Rock 0.8 m chip of qtz vein 230/80	1.8	4.3	2	6	<.1	<.5	<.5	<.1	0.6	4.5	<.01		
175551			20cm qtz-calc-sil schist, clear, grey white qtz,, FeOx, py-po in contact with red-Ga-aplite peg sill 130/15	3.7	14.5	7.5	11	<.1	<.5	0.7	0.1	0.8	20.8	<.01	<.01	<.01
175552			10 kg boulder red Ga calc-sil sch, py,po, sp	1.5	53.0	5.0	26	0.1	0.6	1.6	0.1	4.8	>100	0.02	0.02	0.02
175553	24	1290	Good W, 20 kg boulder, po,py,sp, calc-sil, red Ga	1.1	87.1	3.2	498	0.3	<.5	2.0	0.1	8.5	>100	0.04	0.58	0.56
175554	24	1390	20 m west of 175553, W calc-sil skarn subcrop, 1-2 kg	4.7	68.5	6.7	41	0.2	<.5	1.5	<.1	3.1	>100	0.18	0.09	0.12
175555	24	1405	W skarn, atz-re Ga-calc-sil, float/subcrop	0.3	7.8	4.4	18	0.1	<.5	2.1	<.1	2.1	58.8	<.01	<.01	0.01
175556	29	1580	5 m east, 3 m up from creek. W cal-sil skarn, aplite-qtz, musc. Granite 0.60m sample	2.1	39.5	5.2	99	0.2	0.7	9.4	0.1	12.7	>100	0.48	1.55	1.60
175557	29	1580	2 m east of 175556, similar skarn, 0.6 m	1.9	64.9	3.8	1188	0.3	<.5	5.3	<.1	29.3	>100	0.14	1.72	1.85
175558	28	1603	subcrop-5m from outcrop- over 0.6m thick+ Ga-px qtz-calc-sil, near dike/sill	1.9	72.5	2.9	221	0.3	0.7	6.7	<.1	31.3	>100	0.21	2.32	2.26
175559	28	1603	3 m west of 175558 subcrop/outcrop pale green Calc-sil, FeOx, py-po, W qtz veins with bands/fractures, 130/58. Granite sill dike 140/60	2.0	89.1	4.3	32	0.2	0.6	1.5	0.1	7.5	>100	0.02	0.96	1.01
175560	27	1480	Pale green calc-sil, qtz veins, boulder/subcrop 0.6X1.0 metre, py,po, W	1.0	48.2	2.1	36	0.1	1.2	6.1	0.1	8.6	>100	0.62	0.75	0.76
175590			At creek, grab, blind, lower 2 m, calc.-sil+/-Wk positive W, Ga-Px?-Qtz Po-Py, 1-3% tr sp.													
175591			Chip 1.5m, 4-5 kg. bedded (5-20 cm) calc.-sil Po-Py-Sp, positive W strong													
185301	L27+90E	14+75N	ang float; dark green skarn with abundant garnet; 1-3% cpy	4.6	407.8	1.7	48	0.8	<.5	<.5	0.1	1.0	13.9	0.02	<.01	<.01
185302	L19+42E	8N	subcrop; calc-silicate; minor po-cpy-sphal(?)	24.8	57.3	3.8	33	0.1	0.6	<.5	<.1	2.7	>100	0.03	0.05	0.05
185303	L20E	12N	ang float; qtz-rich aplite; minor mo	205.8	4.5	10.3	6	0.3	0.6	16.7	0.3	175.4	9.8	0.01	<.01	<.01
185304	L20E	9+57N	subcrop; calc-silicate; minor po-cpy-sphal(?)	3.1	75.4	6.7	38	0.1	0.8	<.5	0.1	2.8	>100	0.01	0.04	0.05
185305	L19+95E	7+75N	subcrop;mixed schist-calc-silicate; minor po	7.9	165.7	10.2	53	0.2	<.5	<.5	<.1	2.8	>100	0.02	0.01	0.02
185306	L18+97E	11+50N		3.4	31.0	2.1	33	0.1	0.6	<.5	0.2	3.8	>100	0.05	1.01	0.98
185307				16.3	7.4	1.7	3	<.1	0.6	0.8	<.1	3.3	59.9	0.01	0.01	0.01
185308				2.2	222.0	3.8	37	0.2	<.5	<.5	<.1	2.1	>100	0.07	0.24	0.22
BK1Fox05	L14E	8+98N	float; calc-sil with garnet; minor po, tr cpy	2.3	144.4	15.5	59	0.3	<.5	1.2	<.1	5.3	30.8	<.01	0.01	0.01
BK2Fox05	L15E	8+50N	float; po-rich hornfels	0.8	110.1	36.7	62	0.2	<.5	<.5	<.1	0.7	2.8	0.01	<.01	<.01

Figures



Happy Creek Minerals Ltd
Fox
Property Location
Cariboo Mining Division
British Columbia, Canada

Figure 1



514261 Tenure #

Logging Road_Appx

Property Area=4294 ha

Property Area=42.94 sq km

N

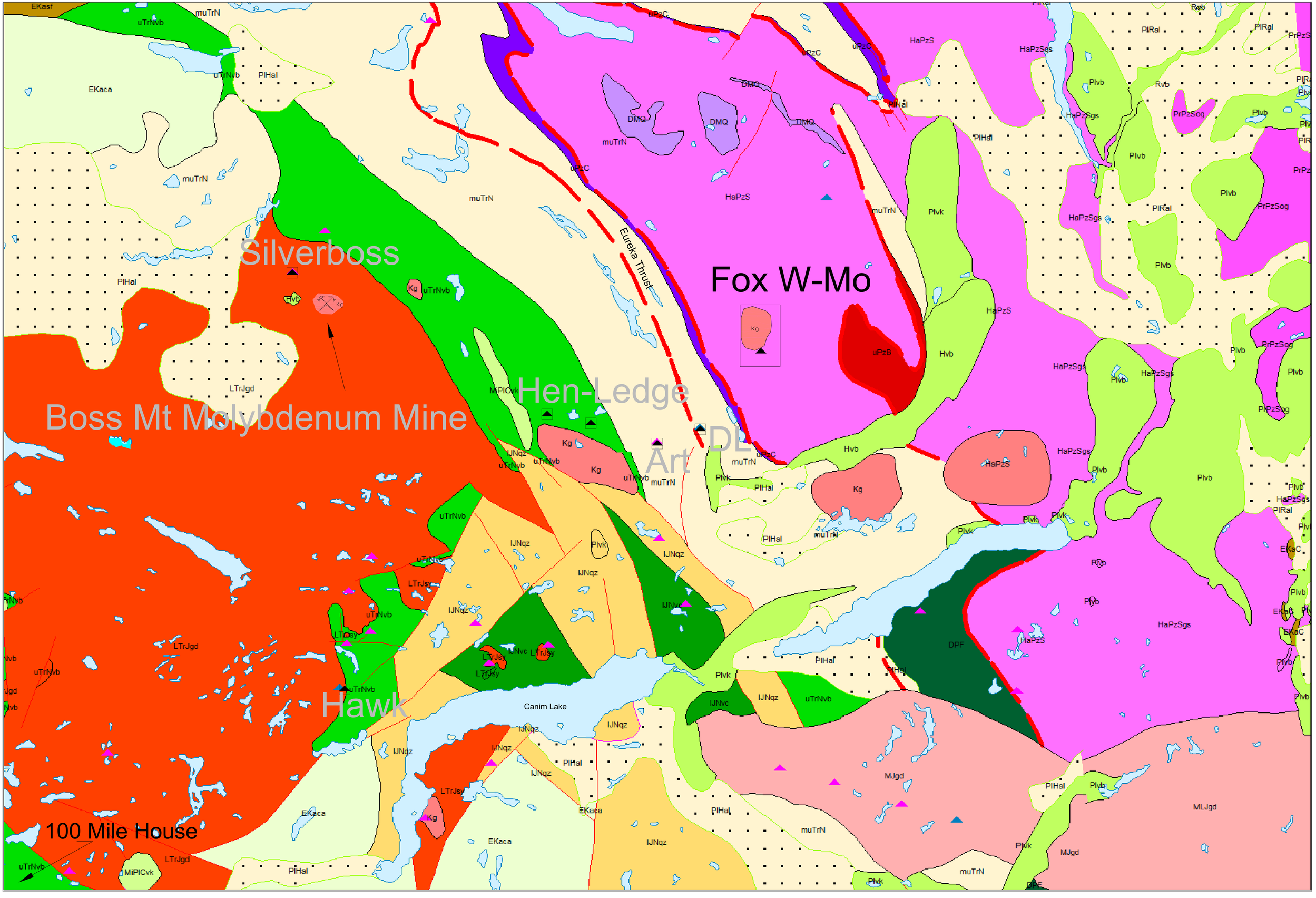
0 500 1000 1500

Scale: Metres

Happy Creek Minerals Ltd
Fox Property
Mineral Claim Location

Cariboo Mining Division
NTS: 093A.008
NAD 83 UTM Grid 1 km

Date: July 20, 2005
Drawn: D.Blann, P.Eng.
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
IJNvc	Lower Jurassic Nicola Group Volcaniclastics
IJNqz	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 Fennel 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 Granodioite 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
Cariboo Project Area
Regional Geology
Canim Lake Area, B.C., Canada
Mapsheets: 092P, 093A
D. Blann, P.Eng. Feb, 2005

Figure: 3

N

671000

Anticline Axis
(appx)

670000 E

5770000 N

Nightcrawler W zone

Discovery Mo Zone

Fe□x- py-po Hornfels

Muscovite-biotite granite
Aplite, pegmatite, quartz phases

Calc-silicate and Schist

M-Q-B Schist, Gneiss

0 500 1000 1500 M

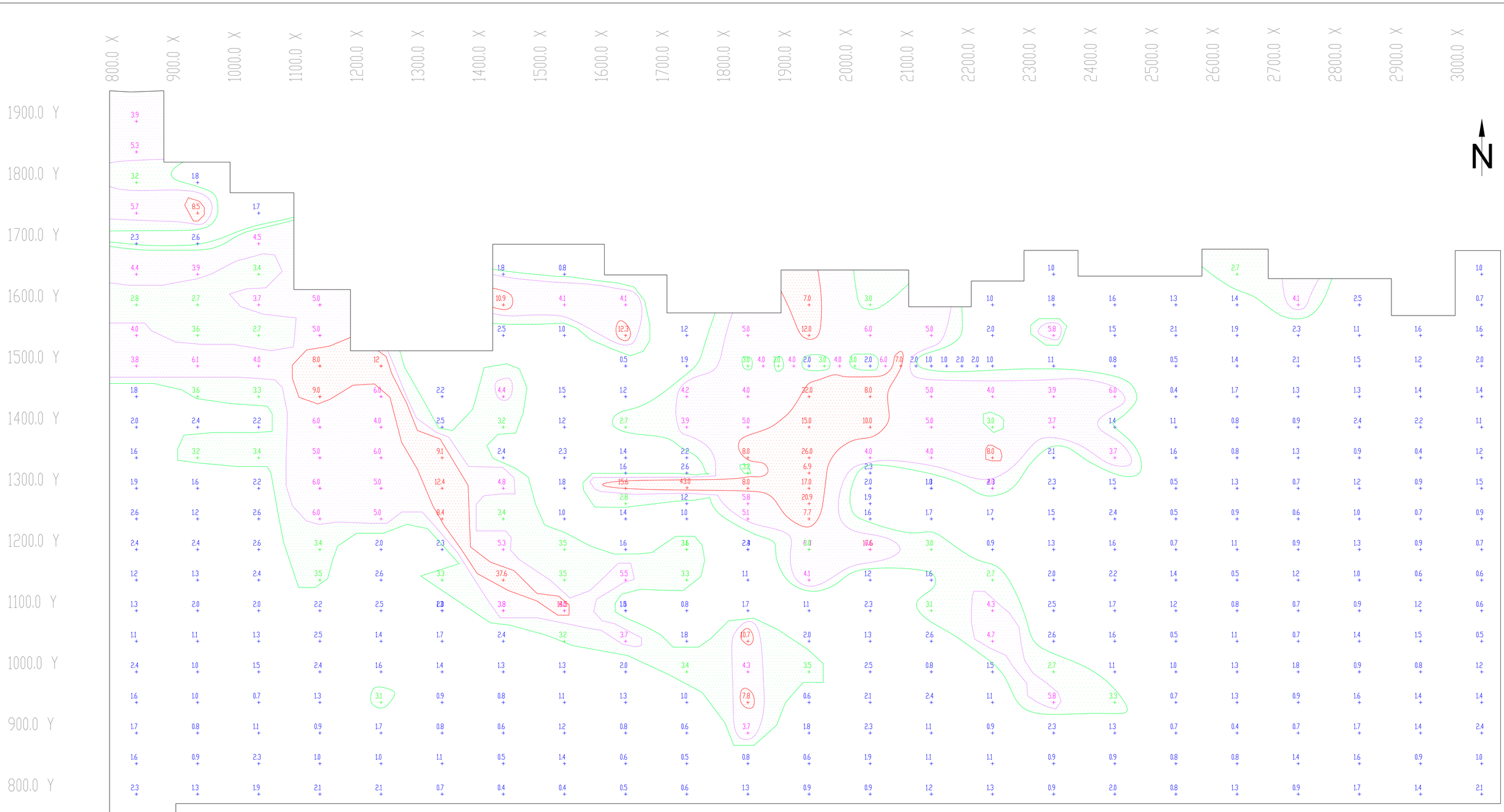
Scale: Metres

Geology after Ridley, Blann, 1999-2005

Happy Creek Minerals Ltd
Fox W-Mo Property
General Property Geology

Cariboo Mining Division
NTS: 093A.008
Drawn: D.Blann, P.Eng.

Date: July 20, 2005
Figure 4



Log Normal Probability

Mo PPM ICP

	0.0	2.7	
80%	2.7	3.7	
90%	3.7	6.9	
99%	6.9	43	

0 100 200 300

Scale: Metres

Happy Creek Minerals Ltd

Fox Property

Molybdenum in Soil

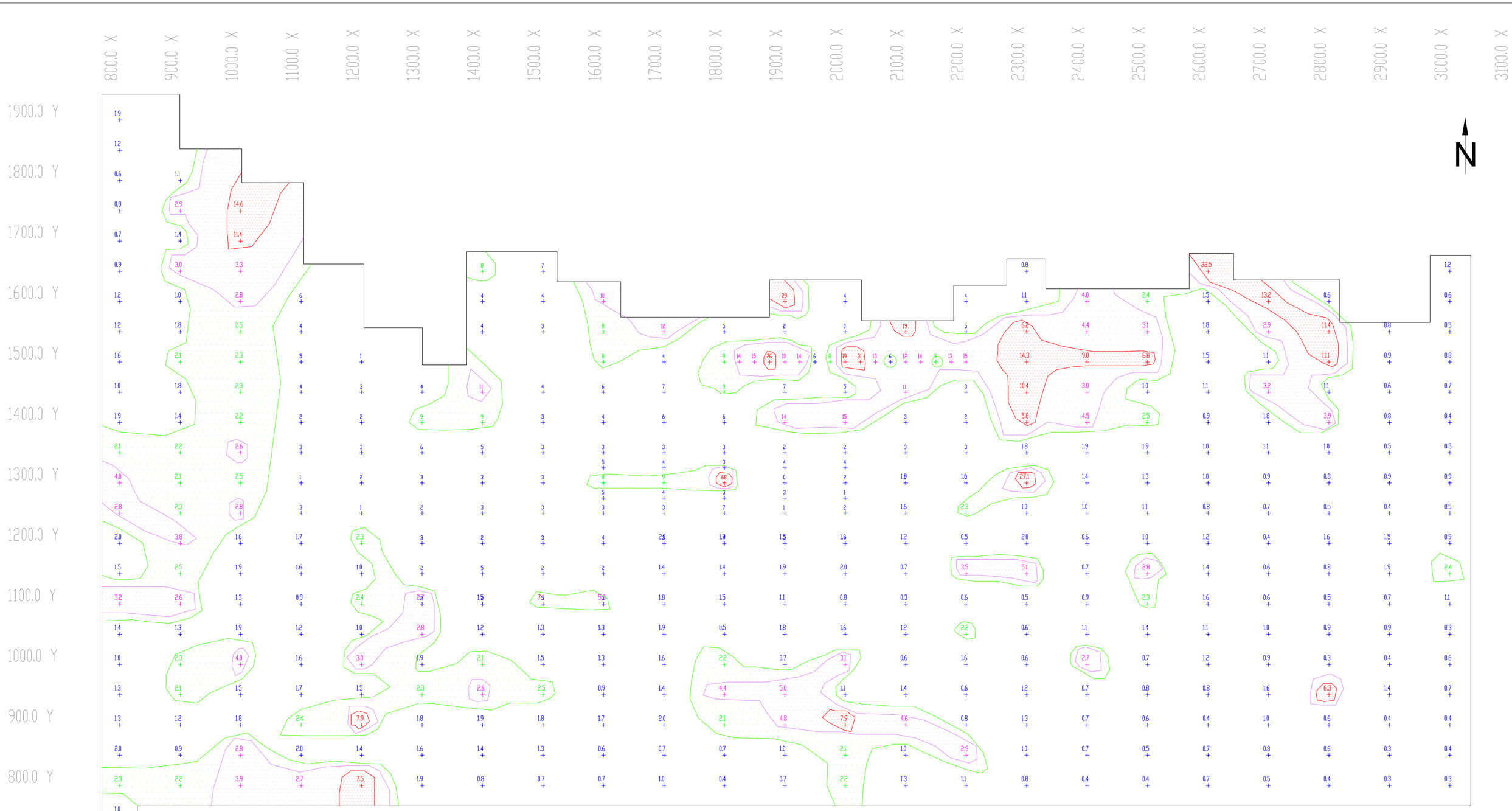
Cariboo Mining Division

NTS: 093A.008

Date: July 20, 2005

Drawn: D.Blann, P.Eng.

Figure: 5



Log Normal Probability

W PPM ICP (1990-2001)

	0.0	7.7	
80%	7.7	9.6	
90%	9.6	17.8	
99%	17.8	64.7	

Log Normal Probability

W PPM ICP-MS (2005)

0.0	2.07	
2.07	2.54	
2.54	5.36	
5.36	27.1	

0 100 200 300M

Scale: as shown

Happy Creek Minerals Ltd
Fox Property
Tungsten in Soil

Cariboo Mining Division

NTS: 093A.008

Date: July 20, 2005

Drawn: D.Blann, P.Eng.

Figure: 6

L19N L18N L17N L16N L15N L14N L13N L12N L11N L10N L9N L8N

L8E L9E L10E L11E L12E L13E L14E L15E L16E L17E L18E L19E L20E L21E L22E L23E L24E L25E L26E L27E L28E L29E L30E

670000E

5769000N

NAD83 UTM

X Mo

X Mo

Discovery Mo Skarn
up to 5% Mo in grabs

331 00DR1
Mo

00DR4 1620
Mo

00DR14,16,17
100-338
W

00DR15
1667

W Mo

00DR7
1099
Mo

W Zn

W

41598
0.02

41597
0.73

41518
0.02

41599
0.10
1151 Mo

41600
0.34

W

41501
<.01

41521

41503
1.28

41502
0.01

41522

41523

175560
0.76

W Zone

Nightcrawler

41516
1.33

41514
2.32

41515
2.31

0.38
41517

175554
0.12

175555
<0.01

41520

41519

175553
0.56

175552
0.02

16.4 Au
Soil

0.35+m
175559
1.01

0.65+m
175558
2.26

Float
41513
3.16

Marble

175556
1.6

060+m175557
1.85

41507
<0.01

41511 2.07

41506
<0.01

0.12
41512

41508 0.52
41509 2.92
41510 0.59

185301
<0.01

Marble

41525

41505
0.15

41504
0.01

11.0 Au
Soil

175 Bi
205 Mo
16.7 Au
185303
<0.01

185306
1.01

1.0 m Qtz vn

185304
0.04

185302
0.05

185305
0.01

XBK1Fox05
0.01

X BK2Fox05
<0.01

Qtz gneiss, metapelite

South Grid- W in soil anomaly

Appx 500 M southwest

Geology from Ridley/Blann 1999-2005

Legend

- Aplite-Pegmatite-Quartz dikes/sills
- Muscovite-Biotite Granite
- Calc-Silicate-Schist
- Quartz Biotite-Muscovite Schist/ Calc-sil
- Quartz biotite Schist

- Road
- Creek
- Mo Molybdenite
- W Tungsten Indicated (Scheelite)
- X △ float, subcrop/outcrop
- 41514 Rock Sample #
- 2.32 % Tungsten (Assay)
- 1667 PPM Tungsten (Geochem)

0 100 200 300

Scale: Metres

N

Happy Creek Minerals Ltd
Fox W-Mo Property

Geology and W in Rock Samples

Cariboo Mining Division
NTS: 093A.008

Date: July 20, 2005
Drawn: D.Blann, P.Eng.
Figure: 7

Appendix 1- Assay Certificates

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Standard Metals PROJECT FOX
Acme file # A503162 Page 1 Received: JUL 4 2005 * 321 samples in this disk file.
Analysis: 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.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
L-8E 19N	3.9	20.6	8.6	40	0.2	26.3	8.4	224	2.09	1.4	2.6	<.5	4.5	10	0.1	0.1	0.7	29	0.09	0.026	24	32	0.37	72	0.12	<1	1.59	0.011	0.24	1.9	0.02	2	0.2	<.05	5	0.5
RE L-8E 19N	3.8	20.8	8.7	39	0.2	25	9.3	230	2.2	1.6	2.7	<.5	4.4	10	0.1	0.1	0.7	31	0.09	0.027	26	33.3	0.4	77	0.124	<1	1.69	0.011	0.22	1.9	0.02	1.8	0.2	<.05	6	<.5
L-8E 18+50N	5.3	23.5	9.6	49	0.2	23.7	8.5	303	2.99	1.7	3.3	0.8	5	13	0.1	0.1	0.7	35	0.14	0.031	27	37.6	0.43	67	0.149	1	1.77	0.01	0.28	1.2	0.03	2.2	0.2	<.05	8	0.8
L-8E 18N	3.2	20.1	7.7	43	0.2	18.2	7.2	270	2.46	1.5	2.9	<.5	5	7	0.1	<.1	0.4	34	0.09	0.036	24	33.7	0.41	69	0.137	<1	1.57	0.011	0.31	0.6	0.03	2.1	0.2	<.05	6	0.5
L-8E 17+50N	5.7	21.2	8.7	71	0.2	32.5	11	363	3.52	1.7	2.3	<.5	8.7	7	0.1	0.1	0.5	45	0.08	0.032	33	56	0.83	132	0.217	<1	2.53	0.015	0.58	0.8	0.04	4.2	0.4	<.05	8	0.7
L-8E 17N	2.3	16.9	8.3	70	0.2	28.8	10.3	255	3.9	2.2	1.7	0.8	9.5	6	0.1	<.1	0.4	51	0.06	0.042	28	64.8	0.67	111	0.231	1	2.93	0.012	0.47	0.7	0.05	4.2	0.3	<.05	10	0.5
L-8E 16+50N	4.4	16.7	12.5	143	0.3	26.2	9.8	290	5.77	3.2	1.7	<.5	7.6	8	0.2	0.1	0.6	68	0.08	0.077	22	78.4	0.73	140	0.253	<1	4.4	0.011	0.41	0.9	0.09	4.4	0.3	<.05	11	0.8
L-8E 16N	2.8	11.8	10.1	87	0.1	22.1	10.4	341	3.24	2.2	1.7	1.9	9	7	0.1	0.1	0.8	48	0.07	0.04	26	54.7	0.59	109	0.207	<1	2.8	0.012	0.39	1.2	0.06	3.6	0.3	<.05	9	0.5
L-8E 15+50N	4	17.2	11.4	66	0.1	25.3	11.7	287	3.47	3	2.1	1.5	8.2	8	0.1	0.1	0.8	48	0.06	0.02	24	48.7	0.55	109	0.21	<1	2.4	0.012	0.36	1.2	0.04	3	0.3	<.05	9	0.5
L-8E 15N	3.8	33.6	9.7	97	0.1	41.1	16.6	487	4.01	3.4	2.5	<.5	8.2	12	0.1	0.1	1.1	49	0.19	0.039	32	57.1	0.87	170	0.213	<1	2.81	0.014	0.82	1.6	0.02	4.6	0.5	<.05	9	<.5
L-8E 14+50N	1.8	18.5	5.6	42	<.1	19.6	6.3	199	2.36	1.8	1.3	0.8	4.5	6	0.1	<.1	0.6	26	0.08	0.022	20	29.6	0.44	75	0.125	<1	1.39	0.009	0.36	1	0.01	2.3	0.2	<.05	5	<.5
L-8E 14N	2	40.1	9.5	89	0.2	48.5	13.5	480	3.56	2.5	3	1	7	19	0.2	0.1	1.1	40	0.28	0.053	35	49.5	0.68	117	0.164	<1	2.6	0.012	0.55	1.9	0.03	4.1	0.4	<.05	7	0.6
L-8E 13+50N	1.6	26.7	7.5	73	0.1	42.2	13	321	3.04	2.3	2.5	<.5	8.9	12	0.1	0.1	1	33	0.19	0.045	42	47.1	0.61	98	0.142	<1	2.08	0.012	0.45	2.1	0.02	3.1	0.3	<.05	6	<.5
L-8E 13N	1.9	37	10.6	109	0.1	58.6	17.3	459	4.21	3	2.6	<.5	7.7	15	0.2	0.1	1.6	41	0.18	0.03	32	58.4	0.75	132	0.172	<1	3.22	0.013	0.56	4	0.05	3.9	0.5	<.05	8	0.5
L-8E 12+50N	2.6	51.5	14.6	134	0.2	87.4	20.5	702	5.08	3.2	4.1	<.5	6.5	33	0.2	0.2	2.2	45	0.43	0.066	50	59.9	0.81	238	0.161	1	3.9	0.016	0.65	2.8	0.06	5	0.5	<.05	9	0.6
L-8E 12N	2.4	38	11.1	93	0.1	44.3	16.2	401	4.98	2.4	2.9	0.5	9.7	14	0.1	0.1	1.4	48	0.19	0.042	42	55.1	0.9	126	0.184	<1	3.11	0.013	0.58	2	0.05	4	0.4	<.05	8	0.5
L-8E 11+50N	1.2	29.9	11	99	0.1	56.1	16.7	453	4.08	3	2.9	1.3	9.5	13	0.1	0.2	1.5	38	0.19	0.033	51	47.2	0.81	136	0.168	<1	2.7	0.012	0.58	1.5	0.03	3.6	0.5	<.05	8	0.5
L-8E 11N	1.3	18.9	12.1	70	0.1	32.7	12.2	231	4.05	1.6	1.9	0.8	7.7	13	0.1	0.1	1.2	39	0.21	0.027	28	49	0.71	105	0.167	<1	2.81	0.012	0.35	3.2	0.04	3.3	0.3	<.05	7	0.5
L-8E 10+50N	1.1	30.2	7.9	96	0.1	61.3	15.5	285	3.31	1.3	1.7	0.8	6.8	23	0.1	0.1	0.8	36	0.28	0.042	32	45.8	0.69	153	0.155	<1	2.31	0.015	0.54	1.4	0.02	3.6	0.4	<.05	7	<.5
L-8E 10N	2.4	22.1	17.4	131	0.1	30.5	15.4	280	5.25	2.1	1.2	<.5	7.4	18	0.2	0.1	1.8	76	0.18	0.035	17	56	0.57	114	0.289	1	2.41	0.015	0.29	1	0.04	3.8	0.2	<.05	15	<.5
L-8E 9+50N	1.6	18.6	14.6	133	0.2	24	14.3	564	4.42	2.3	1.2	<.5	5.7	19	0.3	0.1	0.8	56	0.18	0.047	19	50.7	0.51	196	0.228	1	2.18	0.011	0.34	1.3	0.06	3.4	0.3	<.05	11	<.5
L-8E 9N	1.7	20.7	9.2	92	0.1	69.3	12.8	328	4.78	1.9	1.5	4.2	6.3	23	0.1	0.1	0.9	59	0.37	0.047	24	83.2	1.02	170	0.237	1	2.72	0.013	0.6	1.3	0.02	4.3	0.3	<.05	11	0.5
L-8E 8+50N	1.6	27.7	12.7	97	0.1	88.6	18.3	432	4.37	1.9	1.6	<.5	5.5	13	0.2	0.1	1.1	53	0.13	0.031	22	81.3	0.89	129	0.202	2	2.71	0.011	0.6	2	0.03	3.9	0.3	<.05	10	<.5
L-8E 8N	2.3	57.7	23.9	136	0.2	77.3	18	516	5.55	4.1	1.1	<.5	4.9	18	0.2	0.1	1.1	64	0.15	0.113	20	68	0.73	176	0.17	<1	2.83	0.012	0.3	2.3	0.04	3.8	0.2	0.09	11	<.5
L-8E 7+50N	1.5	15.8	12.7	60	0.1	13.1	6.5	483	3.12	2.1	0.9	<.5	3.5	10	0.2	0.1	0.7	59	0.09	0.094	14	38.4	0.24	74	0.128	1	1.78	0.008	0.11	1	0.05	2	0.1	0.07	9	<.5
L-8E 7N	1.6	23.2	11.5	99	0.4	41.3	14.1	427	4.21	1.8	1.2	<.5	6.6	15	0.3	0.1	1.3	57	0.2	0.075	19	60.3	0.69	152	0.192	1	3.08	0.013	0.35	7.7	0.08	3.8	0.2	<.05	9	<.5
L-8E 6+50N	1	17.2	10.5	75	0.2	31	10.7	204	3.23	2.2	1.5	<.5	5.4	13	0.2	0.1	0.7	44	0.14	0.053	23	48	0.41	81	0.162	<1	2.4	0.007	0.17	6.4	0.06	2.7	0.2	0.08	9	<.5
L-8E 6N	0.9	22	10.2	91	0.1	54.9	14.8	370	3.58	8	3.1	<.5	5.3	18	0.2	0.1	1	46	0.31	0.055	46	63.4	0.73	83	0.158	2	2.38	0.014	0.26	4	0.04	3.4	0.2	<.05	8	<.5
L-8E 5+50N	1.4	14.2	12.4	108	0.1	34.3	10.1	272	3.93	20.8	1.2	<.5	6.1	19	0.2	0.1	0.7	52	0.31	0.04	21	57.1	0.5	88	0.182	<1	1.95	0.012	0.19	2.8	0.04	2.8	0.2	<.05	11	<.5
L-9E 18N	1.8	23	6.6	49	0.2	31.3	13	404	2.46	1.4	2.8	<.5	6.4	10	0.2	<.1	0.5	32	0.1	0.033	27	42.2	0.51	100	0.139	<1	1.65	0.014	0.39	1.1	0.03	2.7	0.3	<.05	7	<.5
L-9E 17+50N	8.5	47.9	9.4	72	0.3	72.4	21.6	1094	5.34	13.9	4.2	0.8	7.4	17	0.2	0.1	0.9	49	0.15	0.045	27	65.9	0.68	155	0.202	1	3.19	0.013	0.52	2.9	0.07	4.5	0.5	<.05	9	<.5
L-9E 17N	2.6	28.2	9.3	76	0.1	34.4	14.4	398	4.53	8	2.5	<.5	5.7	12	0.2	<.1	1.1	45	0.13	0.03	31	58.4	0.71	114	0.201	<1	2.46	0.01	0.52	1.4	0.04	4.2	0.4	<.05	8	<.5
L-9E 16+50N	3.9	18.6	13.4	57	0.2	24.5	7.4	168	3.55	2.1	2.6	<.5	4.7	18	0.3	0.1	1.5	57	0.19	0.03	18	58.8	0.45	91	0.248	1	1.89	0.011	0.28	3	0.05	2.3	0.2	<.05	11	<.5
L-9E 16N	2.7	6	12.5	30	0.2	9.6	2.9	89	2.48	1.1	1.1	0.7	6.2	6	0.2	0.1	0.7	47	0.04	0.03	17	32.2	0.23	49	0.173	<1	1.44	0.008	0.14	1	0.08	1.3	0.2	<.05	9	<.5
STANDARD DS6	11.1	117.7	29.8	143	0.3	24.3	10.7	699	2.85	21	6.5	44.8	3.1	37	5.9	3.4	4.9	58	0.83	0.08	15	186.2	0.56	162	0.087	16	1.87	0.071	0.15	3.5	0.22	3.6	1.6	<.05	6	4.5
L-9E 15+50N	3.6	21.1	9.9	96	0.1	40.3	12.7	332	4.72	2.7	1.5	0.5	7.7	15	0.1	0.1	1	56	0.15	0.083	21	64.8	0.98	161	0.251	1	3.15	0.015	0.53	1.8	0.09	4.5	0.4	<.05	11	<.5
L-9E 15N	6.1	28.5	14	79	0.3	37.1	12.2	303	5.28	3.8	2.4	1.6	6.3	20	0.2	0.1	1.5	60	0.26	0.043	33	54.1	0.6	134	0.259	1	2.53	0.009	0.39	2.1	0.08	3.9	0.3	<.05	13	<.5
L-9E 14+50N	3.6	16.9	10	55	0.2	24.6	9.2	281	3.08	2	1.3	1.1	4.7	10	0.2	0.1	0.9	41	0.1	0.028	20	37.6	0.45	83	0.175	1	1.5	0.013	0.26	1.8	0.04	2.2	0.2	<.05	8	<.5
L-9E 14N	2.4	17.7	7	80	0.1	35.2	11.7	307	3.46	2	1.8	2	7.9	10	0.2	0.1	0.8	39	0.12	0.026	28	56.3	0.77	138	0.191	1	2.4	0.013	0.54	1.4	0.06	3.7	0.3	<.05	8	<.5
L-9E 13+50N	3.2	20.9	7.5	57	0.1	38.6	10.8	281	3.25	2.1	1.9	1	7.5	11	0.1	0.1	1	38	0.14	0.03	29	46.9	0.71	117	0.173	<1	2.03	0.014	0.5	2.2	0.03	3.1	0.4	<.05	7	<.5
RE L-9E 13+50N	3	21	7.4	54	0.1	37.9	10.8	275	3.15	2.1	1.9	<.5	7.4	11	0.1	0.1	0.9	36	0.14	0.027	30	44.5	0.63	115	0.164	<1	1.63	0.012	0.5	2	0.02	3.1	0.3	<.05	7	<.5
L-9E 13N	1.6	12.9	6	44	<.1	28.7	6.9	175	2.61	1.6	1.3	1	5.2	9	0.2	0.1	0.7	26	0.14	0.045	23	35.7	0.45	102	0.107	<1	1.7	0.009	0.25	2.1	0.05	2.3	0.2	<.05	6	<.5
L-9E 12+50N	1.2	17.1	7	38	<.1	33.1	8.7	201	2.48	1.5	1.7	1.4	7.9	8	0.1	<.1	0.7	30	0.09	0.018	29	40.8	0.48	74	0.134	<1	1.89	0.012	0.28	2.3	0.04	2.5	0.2	<.05	6	<.5
L-9E 12N	2.4	18.1	4.5	40	0.1	68.2	12.9	1435	3.96	8.5	2.3	<.5	7.1	17	0.1	0.1	0.9	24	0.22	0.047	30	36.8	0.49	118	0.108	1	1.53	0.018	0.41	3.8	0.03	3.1	0.3	<.05	4	<.5
L-9E 11+50N	1.3	22.2	8.2	43	0.1	59.9	13.3	218	2.54	1	1.3	0.6	4.9	15	0.2	0.1	1.2	22	0.21	0.05	20	34	0.61	81	0.093	1	1.51	0.012	0.24	2.5	0.03	2.3	0.2	<.05	4	<.5
L-9E 11N	2	20.1	8.6	52	0.1	32.8	11.5	229	2.98	2	2.1	1	9.2	10	0.1	0.2	1.6	29	0.12	0.024	39	38.3	0.58	112	0.134	<1	2.16	0.011	0.46	2.6	0.05	3.1	0.3	<.05	6	<.5
L-9E 10+50N	1.1	18.8	8.9	48	0.2	67.1	10.7	206	3.05	1.6	1.5	0.5	6.7	12	0.2	0.1	0.6	38	0.16	0.024	25	76.5	0.76	90	0.148	2	2	0.011	0.33	1.3	0.04	2.9	0.2	<.05	7	<.5
L-9E 10N	1	28.6	7	65	<.1	90.6	17.4	386	3.33	1.2	1.9	3.1	8.7	26	0.1	0.1	1.2	42	0.42	0.039	34	79.7	1.15	151	0.178	1	2.01	0.023	0.74	2.3	0.02	4.4	0.4	<.05	7	<.5
L-9E 9+50N	1	51.9	9.2	73	0.1	73	18	294	3.51	1.9	2.5	<.5	7	22	0.1	0.1	0.9	38	0.31	0.039	41	54.6	0.79	118	0.151	1	2.54	0.014	0.39	2.1	0.03	3.8	0.3	0.06	8	<.5
L-9E 9N	0.8	60.1	8	97	0.1	97	19.1	410	3.51	1.7	2.7	0.5	10	22	0.1	0.1	0.7	39	0.27	0.032	44	61.6	1.08	128	0.184	<1	2.73	0.015	0.49	1.2	0.02	4.4	0.5	<.05	9	<.5
L-9E 8+50N	0.9	34.4	13.3	131	0.2	41.6	18.7	588	4.11	10.8	2.3	0.8	4.8	27	0.2	0.1	0.7	50	0.4	0.056	43	48	0.58	107	0.173	1	2.47	0.01	0.33	0.9	0.04	3.4	0.2	<.05	12	<.5
L-9E 8N	1.3	45.2	18.3	145	0.3	51	20	591	4.84	22.6	2.2	<.5	5.4	38	0.5	0.2	1.1	58	0.58	0.061	38	55.3	0.56	117	0.205	1	2.51	0.015	0.25	2.2	0.04	4.1	0.2	0.06	13	<.5
L-10E 17+50N	1.7	11.2	9.4	28	0.2	11.7	4.3	144	2.12	2.2	1.9	0.7	5.7	9	0.2	0.1	2	27	0.11	0.027	22	28.5	0.26	70	0.115	1	2.13	0.009	0.2	14.6	0.05	2.5	0.2	<.05	7	<.5
L-10E 17N	4.5	20.4	8.2	30	0.1	20.8	6.3	175	2.47	1.9	3.6	0.7	9.9	8	0.1	<.1	1.6	26	0.1	0.027	28	32.2	0.34	83	0.123	2	1.76	0.01	0.24	11.4	0.05	2.5	0.2	<.05	7	<.5
L-10E 16+50N	3.4	28.3	12.7	77	0.2	48.2	13.2	274	4.9	2.6	1.7	1.3	5.6	22	0.3	0.1	1.3	55	0.29	0.034	23	58.7	0.59	141	0.239	1	1.79	0.01	0.36	3.3	0.05	2.6	0.4	<.05	10	<.5
L-10E 16N	3.7	39.9	9.2	81	0.2	62.7	21.6	821	4.04	2.6	3.3	<.5	5.2	24	0.2	0.1	1.4	43	0.34	0.058	33	60.4	0.62	142	0.137	<1	2.39	0.011	0.41	2.8	0.06	3.4	0.4	<.05	8	<.5
L-10E 15+50N	2.7	35.4	9.1	58	0.1	51.9	15.4	509	3.79	2.4	3.8	<.5	4.4	12	0.1	0.1	1.3	35	0.14	0.061	45	49	0.56	111	0.122	2	2.37	0.013	0.29	2.5	0.06	3.4	0.3	<.05	7	0.5
L-10E 15N	4	39.5	8.6	64	0.2	48	16.9	674	3.89	2.3	3.5	<.5	5	17	0.2	0.1	1.2	40	0.22	0.061	35	53.3	0.58	115	0.137	1	2.21	0.014	0.33	2.3	0.06	3.3	0.3	<.05	7	<.5
L-10E 14+50N	3.3	37.9	10.5	87	0.2	52.4	15.4	372	3.73	2.7	3.3	<.5	5.8	25	0.2	0.1	1.5	40	0.33	0.037	42	47.5	0.57	145	0.167	1	2.85	0.012	0.39	2.3	0.05	3.6	0.3	<.05	9	<.5
L-10E 14N	2.2	12.6	5.5	37	0.1	19.5	6.9	180	2.23	1	1.5	<.5	5	11	0.1	0.1	0.7	24	0.15	0.021	27	28.8	0.39	63	0.112	1	1.39	0.008	0.24	2.2	0.03	1.8	0.2	<.05	6	<.5
L-10E 13+50N	3.4	22	9.6	65	0.1	30.8	8.8	233	3.81	1.6	1.6	<.5	6.3	16	0.1	0.1	1.2	41	0.17	0.024	26	45.4	0.47	103	0.166	2	2.24	0.009	0.3	2.6	0.04	2.5	0.3	<.05	9	<.5
L-10E 13N	2.2	17.2	4.9	37	<.1	28.7	7.8	213	1.97	0.8	1.5	<.5	6.9	9	0.1	0.1	0.8	19	0.19	0.08	25	26.9	0.44	89	0.092	1	1.47	0.013	0.44	2.5	0.02	2.4	0.3	<.05	4	<.5
L-10E 12+50N	2.6	23.6	6.8	45	0.1	24.1	9.7	221	2.56	1.3	1.6	<.5	4.4	12	0.2	0.1	1.1	25	0.14	0.041	23	30.4	0.4	81	0.106	1	1.65	0.01	0.32	2.8	0.04	2.3	0.2	<.05	5	<.5
L-10E 12N	2.6	54.7	11.9	138	0.2	61.1	26.5	654	5.5	1.9	3.8	<.5	6.5	25	0.3	0.3	1.9	47	0.37	0.057	59	56.6	0.78	152	0.188	1	2.77	0.012	0.58	1.6	0.05	4.8	0.5	<.05	11	0.6
L-10E 11+50N	2.4	20.4	9.1	65	0.1	20.7	8.7	324	3.28	1.1	2	<.5	9.4	8	0.2	0.2	1.2	41	0.08	0.024	34	40.9	0.45	101	0.171	1	1.72	0.01	0.34	1.9	0.05	2.6	0.2	<.05	8	<.5
L-10E 11N	2	17.7	8.7	108	0.1	22.5	11.7	446	3.07	1.3	2	<.5	6.9	18	0.2	0.1	0.9	37	0.28	0.036	30	38.4	0.51	110	0.159	1	1.81	0.011	0.39	1.3	0.06	2.8	0.3	<.05	8	<.5
L-10E 10+50N	1.3	45.1	9.5	96	0.1	80.3	20.3	547	3.91	1.2	3.6	<.5	9.3	20	0.1	0.1	1.3	40	0.27	0.042	49	60.9	0.79	165	0.179	1	2.59	0.016	0.7	1.9	0.03	4.4	0.4	<.05	9	<.5
L-10E 10N	1.5	34.7	10.5	74	0.3	46.7	11	243	4.19	1.7	1.5	<.5	6.9	14	0.3	0.1	1.4	40	0.21	0.031	24	53.2	0.59	97	0.173	1	2.24	0.01	0.39	4	0.06	3.3	0.3	<.05	8	<.5
L-10E 9+50N	0.7	17.9	7.9	59	0.1	149.8	17.1	273	3.58	1.4	1.4	<.5	5.7	12	0.2	0.1	0.7	36	0.18	0.025	27	118.6	1.3	92	0.142	1	1.98	0.011	0.39	1.5	0.04	3.3	0.3	<.05	7	<.5

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
STANDARD DS6	12	121.7	30.3	147	0.3	24.4	10.6	697	2.89	22.6	6.8	52	3.3	38	6	3.3	5	58	0.9	0.091	14	188.4	0.61	164	0.083	16	1.97	0.076	0.17	3.5	0.23	3.7	1.7	<.05	6	4.5
L-10E 9N	1.1	36.7	6.9	72	0.1	76.6	19.9	288	3.06	1.1	1.5	1.2	6.1	15	0.1	0.1	1.1	35	0.2	0.027	28	52.7	0.86	110	0.16	1	2.09	0.012	0.51	1.8	0.03	3.8	0.3	<.05	7	<.5
L-10E 8+50N	2.3	17.1	12.3	67	0.1	23.9	9.8	220	3.56	2.5	1.3	<.5	5.2	13	0.2	0.3	1	62	0.17	0.029	28	37.7	0.33	92	0.177	1	1.53	0.006	0.19	2.8	0.05	2.7	0.1	<.05	11	<.5
L-10E 8N	1.9	18.7	9	104	0.2	32.8	13.7	430	4	2.3	1.2	<.5	5	10	0.2	0.2	0.7	56	0.12	0.038	24	45.1	0.64	78	0.198	2	2.2	0.008	0.23	3.9	0.04	3.3	0.2	<.05	10	<.5
L-11E 12N	3.4	33	10.3	107	0.1	36.2	13.6	345	4.2	2.4	1.5	<.5	4.2	12	0.1	0.2	1.1	53	0.11	0.04	23	47.7	0.63	137	0.201	2	2.11	0.011	0.5	1.7	0.05	3.8	0.3	<.05	11	<.5
L-11E 11+50N	3.5	35.4	11	108	0.1	30.4	13.4	551	4.47	1.9	1.2	1.9	4.2	17	0.2	0.3	1.1	50	0.22	0.044	19	40	0.57	106	0.193	1	1.9	0.007	0.37	1.6	0.03	2.9	0.2	<.05	10	<.5
L-11E 11N	2.2	17.7	7.1	62	0.2	21.6	6.7	265	2.82	1.2	1.2	<.5	3.3	9	0.2	0.1	1	41	0.12	0.022	19	32.9	0.49	88	0.173	1	1.43	0.01	0.32	0.9	0.02	2.5	0.3	<.05	8	<.5
L-11E 10+50N	2.5	43.8	15.2	114	0.1	49.9	17.3	514	5.14	1.8	1.2	0.6	5.2	14	0.2	0.1	1	45	0.22	0.034	20	50.3	0.92	164	0.226	2	3.02	0.01	0.79	1.2	0.04	3.9	0.5	<.05	9	<.5
L-11E 10N	2.4	19.8	11	85	0.1	35.2	9.4	259	3.73	1.3	1.1	<.5	4.2	13	0.2	0.1	1.2	49	0.19	0.027	19	46.1	0.64	146	0.195	1	2.04	0.009	0.43	1.6	0.03	3.1	0.3	<.05	10	<.5
L-11E 9+50N	1.3	23.3	7.6	105	0.1	64.5	14.3	324	4.27	1.6	1.2	<.5	4.6	18	0.2	<.1	1	49	0.3	0.03	23	67.8	0.91	146	0.202	1	2.56	0.011	0.58	1.7	0.04	3.9	0.3	<.05	10	<.5
L-11E 9N	0.9	17.5	7	61	<.1	50.5	12.1	273	3.31	1.1	1.3	1.2	6	9	0.1	<.1	0.7	46	0.14	0.032	25	53.6	0.88	106	0.168	2	2.1	0.015	0.57	2.4	0.03	3.8	0.3	<.05	7	<.5
L-11E 8+50N	1	20.5	7.7	61	0.1	72	13.3	263	3.64	1.7	1.1	0.7	4.3	18	0.1	0.1	0.9	46	0.22	0.022	20	68.4	0.81	117	0.175	1	2.2	0.01	0.45	2	0.02	3.4	0.3	<.05	9	<.5
L-11E 8N	2.1	16.8	11.6	124	0.1	37.1	10.7	230	4.97	2.2	1	0.5	4.7	16	0.4	0.1	0.9	71	0.1	0.058	15	63.2	0.61	112	0.226	<1	2.33	0.009	0.23	2.7	0.05	4.1	0.2	<.05	14	<.5
L-12E 12N	2	21	8.4	72	0.1	29.5	11.4	277	3.4	1.9	1.4	<.5	6.3	8	0.2	0.1	0.5	44	0.1	0.036	25	43.5	0.71	115	0.184	<1	2.28	0.011	0.57	2.3	0.03	3.7	0.4	<.05	8	<.5
L-12E 11+50N	2.6	17	7.4	101	0.1	44.7	12.9	371	3.79	1.5	1.5	1.5	7.2	9	0.1	0.2	1	46	0.12	0.031	31	56	0.84	107	0.202	<1	2.29	0.01	0.49	1	0.03	3.6	0.3	<.05	9	<.5
L-12E 11N	2.5	19.2	6.8	78	0.1	32.5	10.1	263	3.53	1.5	1.1	1.6	5.4	7	0.1	0.1	1.1	44	0.13	0.043	20	46.9	0.79	138	0.183	1	2.54	0.012	0.62	2.4	0.04	3.6	0.4	<.05	8	<.5
L-12E 10+50N	1.4	41.5	10	78	0.1	59.5	17.4	409	3.43	1.1	1.7	<.5	8.4	8	0.1	0.1	0.8	40	0.1	0.018	30	52.1	0.91	156	0.201	<1	2.49	0.014	0.79	1	0.02	4	0.5	<.05	7	<.5
L-12E 10N	1.6	21.3	11.3	57	0.2	28.6	11.6	459	2.96	1	1.2	<.5	4	14	0.1	0.1	1.4	37	0.24	0.034	21	35.5	0.52	95	0.145	1	1.74	0.009	0.26	3	0.05	2.5	0.2	<.05	8	<.5
L-12E 9+50N	3.1	27.6	21.3	94	0.1	42.3	11.3	239	4.13	1.6	1.3	<.5	5.8	10	0.1	0.2	0.9	46	0.16	0.042	23	45.7	0.69	105	0.204	1	2.03	0.009	0.45	1.5	0.02	3	0.3	<.05	10	<.5
L-12E 9N	1.7	23	9.4	80	0.1	38.1	8.7	310	4.05	1.3	1	2.7	4.1	23	0.1	0.1	1.2	48	0.39	0.061	19	50.8	0.72	132	0.167	<1	2.07	0.01	0.42	7.9	0.05	3.2	0.2	<.05	8	0.6
L-12E 8+50N	1	17.2	6	70	0.1	75.4	14.2	309	3.44	1	1.3	1.7	5.8	9	0.1	0.1	0.6	43	0.12	0.018	28	75.2	0.92	109	0.186	<1	2.07	0.011	0.47	1.4	0.02	3.8	0.3	<.05	8	<.5
L-12E 8N	2.1	33.3	13.5	72	0.2	87.7	14.1	239	5.18	2.7	1.2	1.6	4.4	18	0.3	0.1	2.3	59	0.19	0.044	21	69.3	0.69	101	0.208	1	2.92	0.01	0.42	7.5	0.07	3.6	0.3	<.05	13	0.5
L-13E 11N	2	38.9	11.1	99	0.1	108.7	19.8	670	3.89	1.5	2.9	0.8	4.7	20	0.2	0.1	1.5	46	0.27	0.053	34	65.2	0.76	167	0.167	1	3.18	0.014	0.52	2.7	0.05	4.9	0.4	<.05	9	0.5
L-13E 10+50N	1.7	33.6	10.3	91	0.1	89.9	25.4	647	4.05	1.3	2.1	1	5	23	0.2	0.1	1.5	47	0.28	0.036	31	67.7	0.79	151	0.183	<1	2.79	0.011	0.54	2.8	0.05	4.3	0.4	<.05	9	<.5
L-13E 10N	1.4	26.9	9.6	83	0.1	68.6	18.1	414	4.4	1.4	1.5	2.5	5.3	14	0.1	0.1	1	50	0.2	0.024	23	72.2	0.88	134	0.207	1	2.68	0.012	0.62	1.9	0.03	4.2	0.4	<.05	10	<.5
L-13E 9+50N	0.9	19.4	7.2	57	0.1	45	12.2	305	2.84	0.9	1.2	1.8	6.9	13	0.1	<.1	0.6	44	0.18	0.019	23	48.1	0.87	116	0.172	1	2.01	0.016	0.57	2.3	0.02	3.9	0.3	<.05	7	<.5
L-13E 9N	0.8	16.3	5.7	53	<.1	51.4	11.4	311	2.45	0.6	1.7	2.6	9.4	9	<.1	<.1	0.9	31	0.13	0.015	32	42.7	0.86	112	0.159	<1	1.59	0.013	0.57	1.8	0.01	3.5	0.4	<.05	6	0.5
L-13E 8+50N	1.1	22.2	7.5	76	0.1	113.4	21.8	517	3.74	1.2	1.6	1.1	7	14	0.1	0.1	0.9	47	0.23	0.027	28	71.3	1.23	130	0.199	<1	2.07	0.016	0.61	1.6	0.01	4.5	0.4	<.05	8	<.5
L-13E 8N	0.7	19.2	7.6	61	0.1	129.8	18.9	457	3.13	1.1	1.8	0.8	9.4	17	0.1	<.1	0.8	41	0.25	0.033	29	78.8	1.48	151	0.183	1	1.86	0.019	0.69	1.9	0.01	4.6	0.4	<.05	7	<.5
RE L-13E 8N	0.6	20.5	7.1	59	<.1	133.1	19.2	446	3.12	1	1.5	2.1	8.1	15	<.1	0.1	0.7	39	0.25	0.034	26	74.1	1.52	149	0.181	1	2.06	0.018	0.75	2.1	<.01	4.8	0.4	<.05	7	<.5
L-14E 11N	3.8	67.2	15.6	90	0.2	76.4	14.5	377	5.97	1.3	1.8	1.7	5	14	0.2	0.1	1.4	42	0.12	0.069	28	64.5	0.72	140	0.134	1	2.62	0.01	0.43	1.5	0.05	3.4	0.3	<.05	8	1.8
L-14E 10+50N	2.4	33.3	8.8	109	<.1	70.9	19.6	412	5.17	1.4	2.3	<.5	7.7	14	0.1	0.1	1.5	51	0.16	0.031	38	72.8	1.17	180	0.251	<1	3.38	0.016	0.95	1.2	0.04	5.4	0.5	<.05	11	<.5
L-14E 10N	1.3	25.5	10.8	75	0.1	71.9	15.1	244	3.77	1.9	1.2	0.8	6.3	11	0.3	0.1	1.7	44	0.13	0.028	20	65.2	0.74	113	0.195	<1	3.13	0.008	0.36	2.1	0.05	3.5	0.3	<.05	9	<.5
L-14E 9+50N	0.8	26.9	10.3	81	0.1	159.7	24	552	3.95	1.9	2.1	1.1	5	12	0.1	<.1	1	44	0.13	0.037	24	103	0.96	128	0.155	<1	2.97	0.013	0.44	2.6	0.03	4.2	0.3	<.05	8	<.5
L-14E 9N	0.6	26.7	8.8	71	<.1	113.1	19.2	397	3.55	1.4	1.5	0.6	6.9	15	<.1	<.1	1	46	0.2	0.026	27	81.1	1.17	165	0.194	<1	2.29	0.014	0.66	1.9	0.01	4.6	0.4	<.05	8	<.5
STANDARD DS6	11.4	120.5	29.6	145	0.3	25.3	10.7	697	2.85	20.9	6.4	48.9	3.1	37	6	3.5	4.9	58	0.82	0.076	14	185.5	0.58	164	0.073	15	1.84	0.071	0.16	3.2	0.22	3.5	1.7	<.05	6	4.2
L-14E 8+50N	0.5	21.2	7.2	56	<.1	133.5	20.5	396	3.09	1	1.4	1.3	8.7	9	<.1	0.1	0.7	38	0.14	0.017	22	77.3	1.42	135	0.166	2	2.17	0.014	0.64	1.4	<.01	4.5	0.4	<.05	6	<.5
L-14E 8N	0.4	11.8	4.8	49	<.1	120.4	14.9	245	2.22	0.8	1.5	<.5	8	9	0.1	<.1	0.3	29	0.12	0.011	27	63.1	1.08	73	0.14	1	1.6	0.011	0.33	0.8	<.01	3.2	0.3	<.05	5	<.5
L-15E 11N	14.5	66.6	13.4	134	0.2	171.8	32.2	2306	8.42	3.5	4.4	1.2	7.1	21	0.2	0.2	3	61	0.23	0.077	41	111.1	1.01	217	0.178	2	4.39	0.012	0.72	7.1	0.04	6.3	0.6	<.05	11	1
L-15E 10+50N	3.2	39.9	7.7	53	0.1	65.9	14.5	279	2.79	0.9	1.6	1.1	6.8	7	0.1	<.1	2	34	0.07	0.014	28	51.1	0.69	115	0.149	1	1.97	0.011	0.53	1.3	<.01	3.2	0.4	<.05	6	<.5
L-15E 10N	1.3	31.3	8.9	92	0.1	77.1	18.2	454	4.03	1.4	1.5	0.7	4.3	13	0.1	0.1	1.5	50	0.15	0.047	22	76.7	0.97	157	0.198	1	2.98	0.013	0.7	1.5	0.04	4.2	0.4	<.05	9	<.5
L-15E 9+50N	1.1	25.2	9	90	0.1	66.7	16.1	323	4.16	1.2	1.2	1.4	5.5	11	0.2	0.1	1.2	49	0.14	0.028	24	73.8	0.94	125	0.208	2	2.89	0.012	0.58	2.5	0.02	4.2	0.3	<.05	9	0.5
L-15E 9N	1.2	11.8	7.2	83	0.1	44.4	10.3	204	3.45	1.6	1.1	0.5	5.2	12	0.2	<.1	0.8	47	0.14	0.022	18	69.3	0.64	106	0.18	2	2	0.007	0.32	1.8	0.03	3	0.2	<.05	8	0.5
L-15E 8+50N	1.4	32.2	9.1	71	0.1	147.3	22.4	499	3.71	1.5	1.8	1.1	5.5	12	0.1	<.1	1.1	45	0.16	0.025	27	101.1	1	151	0.172	1	2.57	0.015	0.63	1.3	0.02	4.4	0.3	<.05	8	0.5
L-15E 8N	0.4	17.8	6.6	57	0.1	312.1	27.9	450	2.93	1.2	1.3	3.4	6.2	9	0.1	<.1	0.4	35	0.12	0.015	23	114.9	2.89	82	0.129	1	1.78	0.012	0.34	0.7	0.01	4	0.2	<.05	5	<.5
L-16E 11N	1.5	32.4	9.2	82	0.1	61.5	15.8	292	3.71	1.8	1.3	<.5	7.5	12	0.2	0.1	1.4	43	0.18	0.061	22	59.1	0.76	144	0.184	<1	3.56	0.012	0.6	5.3	0.03	4.6	0.4	<.05	8	0.8
L-16E 10+50N	3.7	22.5	13.4	111	0.2	29.6	10.5	293	5.48	1.6	1.2	<.5	5.3	13	0.5	0.1	1.5	65	0.17	0.038	20	58.3	0.79	126	0.273	1	2.33	0.009	0.5	1.3	0.06	3.5	0.4	<.05	13	0.7
L-16E 10N	2	21.3	10.3	77	0.1	41.8	12.4	358	3.98	1.5	1.4	<.5	5.1	9	0.2	0.1	1.3	50	0.13	0.039	25	52.9	0.75	123	0.216	1	2.31	0.01	0.59	1.3	0.02	3.2	0.3	<.05	10	0.5
RE L-16E 10N	1.9	21.8	10.5	78	0.1	42.2	11.8	357	3.98	1.4	1.5	0.6	5.1	9	0.2	0.1	1.3	49	0.13	0.038	25	52.5	0.67	123	0.214	1	2.17	0.009	0.59	1.5	0.03	3.1	0.4	<.05	10	0.6
L-16E 9+50N	1.3	23	8	82	0.1	73.5	15.3	283	3.92	1.4	1.3	2.2	4.4	9	0.1	<.1	0.9	49	0.11	0.03	22	76.7	0.83	111	0.202	<1	2.44	0.009	0.48	0.9	0.03	3.9	0.3	<.05	9	0.5
L-16E 9N	0.8	35.7	8.2	69	0.1	167.6	21.9	484	3.66	1.6	2.2	0.9	7.7	16	0.1	<.1	1.1	44	0.2	0.034	29	96.8	1.33	174	0.182	1	2.47	0.018	0.78	1.7	<.01	5.5	0.4	<.05	8	<.5
L-16E 8+50N	0.6	16.5	7.4	60	0.1	425.7	34.1	439	3.62	1.8	1.3	0.9	5.3	9	0.2	<.1	0.5	34	0.11	0.019	26	152.9	4.25	65	0.122	2	1.59	0.007	0.33	0.6	0.01	4.1	0.2	<.05	6	<.5
L-16E 8N	0.5	23.2	7.3	61	0.1	354.2	31.5	423	3.62	1.4	1.5	0.9	5.7	11	0.1	<.1	0.6	33	0.16	0.02	28	134.7	3.48	82	0.131	2	1.94	0.011	0.33	0.7	0.02	4.3	0.3	<.05	6	<.5
L-17E 12N	3.1	45.8	11.9	63	0.2	91.5	22.1	466	3.93	1.6	2.1	<.5	2.8	17	0.3	0.2	2	41	0.18	0.048	34	68.2	0.62	104	0.133	1	2.44	0.011	0.36	2	0.06	3.2	0.2	<.05	8	0.6
L-17E 11+50N	3.3	32.3	11.4	107	0.2	104.3	28	452	5.01	2.4	2.1	<.5	5.7	12	0.3	0.1	3.9	49	0.12	0.039	36	83	0.73	123	0.193	1	3.43	0.009	0.43	1.4	0.06	4.2	0.3	<.05	10	<.5
L-17E 11N	0.8	26.8	8.8	74	0.1	174.4	26.2	501	3.32	1.8	1.6	0.5	3.2	20	0.2	<.1	1	36	0.32	0.043	26	100.4	0.95	115	0.12	1	2.5	0.012	0.33	1.8	0.04	3.7	0.2	<.05	7	<.5
L-17E 10+50N	1.8	24.6	8.5	82	0.1	67.8	14.7	318	4.06	1.8	1.9	<.5	7.2	9	0.1	0.1	1.5	49	0.11	0.028	28	64.6	0.87	134	0.209	<1	2.81	0.011	0.57	1.9	0.04	4.2	0.4	<.05	10	0.5
L-17E 10N	3.4	23.7	12.5	54	0.1	46.7	8.4	198	4.45	1.9	1.3	2	4	11	0.3	0.1	3.2	52	0.12	0.025	20	67.3	0.5	98	0.2	1	1.91	0.008	0.29	1.6	0.03	2.8	0.2	<.05	11	<.5
L-17E 9+50N	1	21	9.3	60	0.1	66.2	12.1	282	3.24	1.5	1.4	<.5	4.4	11	0.3	0.1	0.9	42	0.12	0.027	25	71.4	0.57	100	0.155	1	2	0.009	0.26	1.4	0.02	3.1	0.2	<.05	8	<.5
L-17E 9N	0.6	20.9	8.8	63	<.1	166.7	22.7	334	3.44	1.8	1.1	1.2	7.2	9	0.1	<.1	0.8	39	0.11	0.023	19	88.7	1.45	125	0.162	1	2.72	0.012	0.46	2	0.03	3.9	0.3	<.05	7	0.5
L-17E 8+50N	0.5	11.7	6.7	52	0.1	316	29.1	429	3.06	1.8	1.1	<.5	5.7	7	0.1	<.1	0.7	32	0.1	0.02	21	106.1	3.4	73	0.124	<1	1.66	0.008	0.36	0.7	0.02	4.1	0.2	<.05	6	<.5
L-17E 8N	0.6	21.4	7.2	65	0.1	207	25.7	455	3.53	1.5	1.4	1.6	5.9	10	0.1	<.1	0.7	41	0.13	0.021	25	110.4	1.78	105	0.168	1	2.06	0.011	0.47	1	0.03	4.5	0.3	<.05	7	<.5
L-18E 12N	2.4	23.3	5.6	60	0.1	51.3	13.2	494	3.02	1	1.9	<.5	6.6	17	0.1	<.1	1.3	33	0.22	0.058	28	47.8	0.69	136	0.146	2	1.97	0.017	0.58	1.9	0.02	3.8	0.4	<.05	7	<.5
L-18E 11+50N	1.1	12.9	9	48	0.1	24.8	8.4	217	2.74	1.7	1.2	1.1	7.7	8	0.1	0.1	0.5	37	0.07	0.041	21	37.5	0.51	105	0.145	1	1.85	0.012	0.34	1.4	0.03	2.8	0.3	<.05	7	<.5
L-18E 11N	1.7	11.7	8.7	83	0.2	35.3	9.3	240	3.37	2	0.9	0.7	5.4	8	0.1	0.1	1.1	44	0.1	0.135	15	49.5	0.5	119	0.148	1	2.13	0.008	0.18	1.5	0.08	2.5	0.2	<.05	8	<.5
L-18E 10+50N	10.7	20.2	13.7	50	0.2	13.5	5	173	4.08	1.8	1.6	1.2	7.7	9	0.1	0.1	6.7	59	0.09	0.031	24	33.1	0.36	71	0.247	1	1.44	0.007	0.22	0.5	0.05	1.7	0.3	<.05	12	0.6
L-18E 10N	4.3	35.2	11.5	37	0.2	27.1	4.1	163	5.21	1.5	1.8	<.5	3.8	19	0.4	0.1	0.8	98	0.21	0.037	42	68.1	0.29	63	0.267	<1	1.43	0.008	0.13	2.2	0.04	3.2	0.1	<.05	13	0.8
L-18E 9+50N	7.8	59.4	12.5	94	0.1	138.3	29.2	554	6.93	2.1	2.2	0.7	8.1	21	0.2	0.1	2.1	102	0.2	0.054	35	131.7	1.26	317	0.294	1	5.21	0.021	0.9	4.4	0.07	9	0.4	<.05	15	1.2
L-18E 9N	3.7	20.2	9.6	68	<.1	41.7	9.6	213	4.97	2	1.2	1.9	6.6	6	0.1	0.1	2.4	59	0.06	0.031	19	69.9	0.55	129	0.235	1	1.72	0.007	0.26	2.1	0.01	3	0.2	<.05	12	0.5
L-18E 8+50N	0.8	19.3	6.9	65	0.1	163.4	21.4	431	2.85	1.3	1.3	<.5	5.3	9	<.1	<.1	0.5	37	0.1	0.018	20	95.4	1.36	90	0.154	1	1.64	0.01	0.36	0.7	0.01	3.7	0.3	<.05	6	<.5
STANDARD DS6	12.2	128.8	30	149	0.3	25.3	11	725	2.9	21.2	6.7	48.7	3.1	38	5.8	3.7	4.9	61	0.87	0.084	15	199.3	0.6	161	0.088	18	2	0.08	0.16	3.6	0.22	3.6	1.8	<.05	6	4.5
L-18E 8N	1.3	28.3	7.3	54	0.1	314.2	28.4	362	3.42	1.8	1	1.4	5.1	9	0.1	<.1	0.4	38	0.1	0.018	21	145	2.93	64	0.136	1	1.6	0.008	0.24	0.4	0.02	3.4	0.2	<.05	7	<.5
L-19E 12N	6.3	35.5	9.5	75	0.1	52.4	12.3	274	4.3	1.6	1.8	0.8	4.6	17	0.1	<.1	1.6	48	0.2	0.035	31	62	0.77	106	0.188	1	2.31	0.009	0.4	1.5	0.04	3.1	0.3	<.05	8	<.5

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
L-19E 11+50N	4.1	60.8	12.9	107	<.1	185.7	28.1	611	4.87	2.7	2.4	1	7.1	17	0.1	0.1	1.6	55	0.21	0.045	31	106.9	1.11	191	0.181	2	3.92	0.015	0.61	1.9	0.04	4.9	0.4	<.05	9	<.5
RE L-19E 11+50N	4	59.8	13.2	103	<.1	185.1	27.4	606	4.86	2.6	2.3	<.5	6.9	17	0.1	0.1	1.6	53	0.21	0.045	30	103.4	1.12	182	0.175	2	3.89	0.015	0.59	1.9	0.03	5	0.4	<.05	9	<.5
L-19E 11N	1.1	26.2	6.6	47	0.1	55.1	18.8	405	2.28	1	1.5	1.1	3.5	10	0.1	<.1	0.5	33	0.12	0.033	22	47.6	0.58	89	0.126	<1	1.7	0.014	0.32	1.1	0.03	2.6	0.2	<.05	6	<.5
L-19E 10+50N	2	81.6	11.7	105	0.3	155.6	39.3	698	4.31	1.8	2.5	<.5	5.4	16	0.3	0.1	1.7	48	0.18	0.039	31	87.1	1	168	0.184	1	3.14	0.013	0.55	1.8	0.04	4.4	0.3	<.05	10	<.5
L-19E 10N	3.5	45.3	11.1	118	0.1	24.3	10.5	580	6.26	1.5	1	0.7	4.2	18	0.3	0.1	0.7	90	0.16	0.067	20	96.6	0.94	178	0.276	1	2.32	0.01	0.4	0.7	0.04	5.2	0.2	0.14	13	0.6
L-19E 9+50N	0.6	26	5.2	56	0.1	61.7	12.5	292	2.88	1	1.6	1	6.4	13	0.1	<.1	0.7	37	0.2	0.034	30	68.8	0.83	113	0.162	<1	1.98	0.014	0.45	5	0.03	3.7	0.3	<.05	7	<.5
L-19E 9N	1.8	32.4	7.5	72	0.1	158	21	384	3.71	1.7	1.3	<.5	4.9	13	0.1	<.1	1	49	0.16	0.034	24	120.1	1.55	119	0.179	<1	1.88	0.012	0.43	4.8	0.02	3.9	0.2	<.05	8	<.5
L-19E 8+50N	0.6	39.3	7.2	63	<.1	126.8	15.2	268	2.6	1	1.7	<.5	6.2	11	0.1	<.1	1	34	0.13	0.03	24	114	1	108	0.155	1	1.94	0.013	0.48	1	0.02	3.7	0.3	<.05	6	<.5
L-19E 8N	0.9	50.3	8.6	68	0.1	381.3	31.7	390	3.68	1.3	1.2	0.6	5.6	9	0.1	<.1	1.5	38	0.12	0.018	22	159.5	3.37	119	0.147	1	2.17	0.011	0.51	0.7	0.02	4.2	0.3	<.05	6	<.5
L-20E 12N	17.6	44	15.2	97	0.7	30.3	12.3	242	4.46	2	2.5	0.6	7.1	10	0.3	0.6	11.2	48	0.08	0.046	26	44.7	0.56	80	0.161	1	2.32	0.009	0.23	1.6	0.06	3.2	0.3	<.05	10	<.5
L-20E 11+50N	1.2	28.1	9.4	65	0.1	43.6	11.5	204	3.56	2.1	1.4	<.5	7.2	10	0.2	0.1	0.6	37	0.12	0.056	23	57.9	0.65	108	0.154	1	3.06	0.01	0.32	2	0.05	3.6	0.2	<.05	7	0.5
L-20E 11N	2.3	19.5	10.1	42	0.1	16.5	5.7	165	3.06	1.3	1.1	<.5	6.2	8	0.3	0.1	0.7	46	0.07	0.023	20	39.1	0.34	63	0.197	1	1.23	0.008	0.17	0.8	0.03	1.7	0.1	<.05	9	<.5
L-20E 10+50N	1.3	30.2	8.6	44	0.1	33.4	8.5	215	2.7	1	2.1	<.5	3.7	13	0.2	<.1	0.9	36	0.15	0.033	29	42.8	0.44	74	0.134	<1	1.71	0.01	0.27	1.6	0.04	2.5	0.2	<.05	7	<.5
L-20E 10N	2.5	31.2	11.2	72	0.2	41.7	9.7	215	4.99	2.5	1	<.5	4.4	14	0.3	0.1	1.3	70	0.14	0.058	15	70.4	0.6	118	0.225	1	2.1	0.009	0.26	3.1	0.04	3.2	0.2	<.05	14	<.5
L-20E 9+50N	2.1	18.4	8.1	73	0.1	39.3	10.5	268	3.2	1.5	1.1	1	5.5	9	0.1	<.1	4.3	45	0.14	0.044	21	66.9	0.52	66	0.18	1	1.83	0.008	0.17	1.1	0.03	2.5	0.2	<.05	9	<.5
L-20E 9N	2.3	27.4	10.4	90	0.1	26.4	8.2	283	5.02	2.1	0.9	0.7	6.3	15	0.4	0.1	1.1	56	0.19	0.058	15	60.2	0.56	113	0.231	1	1.89	0.01	0.28	7.9	0.05	3	0.2	0.06	14	<.5
L-20E 8+50N	1.9	36.8	10.1	72	0.1	50.8	11.8	320	4.78	1.8	1.4	0.5	5.1	18	0.3	0.1	1.3	57	0.23	0.036	22	82.8	0.75	116	0.204	<1	2.35	0.015	0.3	2.1	0.04	3.9	0.2	<.05	11	0.5
L-20E 8N	0.9	43.1	7.8	81	0.1	154.1	21.5	344	3.69	1.6	1.8	<.5	5.4	14	0.2	0.1	1.5	40	0.21	0.047	31	91.7	1.11	111	0.152	1	2.83	0.013	0.36	2.2	0.04	4.3	0.2	<.05	8	<.5
L-21E 13N	1.3	11.3	8.9	40	0.2	8.8	3.7	190	1.74	1.2	1.1	<.5	3.7	6	0.1	<.1	0.4	28	0.04	0.038	21	21.8	0.24	65	0.111	<1	1.14	0.009	0.13	1.9	0.04	1.2	0.1	<.05	7	<.5
L-21E 12+50N	1.7	13.7	11.9	40	0.1	12.3	4.4	177	2.8	1.6	1.2	<.5	5.9	13	0.2	0.1	0.4	48	0.11	0.051	23	32.4	0.3	66	0.125	1	1.37	0.007	0.14	1.6	0.04	1.7	0.1	<.05	9	<.5
L-21E 12N	3	18.5	9.5	64	0.1	23	7	162	3.19	2	1.1	2.7	5.8	6	0.1	0.1	1.1	44	0.07	0.066	16	48.1	0.39	97	0.144	<1	2.88	0.008	0.14	1.2	0.09	2.8	0.2	<.05	8	<.5
L-21E 11+50N	1.6	25	9.2	43	0.1	25.3	8.8	191	3.97	2	1.4	0.5	7.1	11	0.2	0.1	0.4	42	0.09	0.03	22	49.3	0.58	98	0.167	<1	2.18	0.009	0.31	0.7	0.03	3	0.2	<.05	8	<.5
L-21E 11N	3.1	28.4	21.9	44	0.1	8.7	3.7	125	4.08	2.2	0.8	1.3	4.7	6	0.1	0.2	1.3	92	0.05	0.078	14	37.5	0.28	93	0.272	<1	1.19	0.007	0.16	0.3	0.04	1.7	0.2	<.05	16	<.5
L-21E 10+50N	2.6	36.1	10.3	122	0.2	41.2	12.7	260	4.59	2.9	1.2	0.7	7.5	14	0.2	0.1	2.3	67	0.18	0.103	18	66.6	0.65	116	0.221	<1	3.51	0.013	0.2	1.2	0.09	4.5	0.2	<.05	13	0.5
L-21E 10N	0.8	37	7.9	71	0.1	126.7	21	615	2.89	1.4	1.9	<.5	4.9	13	0.2	<.1	0.7	36	0.17	0.035	27	83.3	0.9	100	0.13	1	2.05	0.012	0.32	0.6	0.03	3.4	0.2	<.05	6	<.5
L-21E 9+50N	2.4	18.5	10.2	39	0.1	24.6	5.4	158	3.1	1.7	1.1	<.5	3.2	14	0.3	0.1	0.8	45	0.14	0.034	17	47.6	0.31	72	0.143	<1	1.28	0.007	0.11	1.4	0.05	1.6	0.1	<.05	10	<.5
L-21E 9N	1.1	10.7	9.3	35	0.1	9.5	3.5	185	1.93	1.3	0.8	<.5	4.3	5	0.2	0.1	0.7	37	0.05	0.042	17	34.8	0.16	40	0.125	<1	0.71	0.005	0.09	4.6	0.03	1.1	0.1	<.05	7	<.5
L-21E 8+50N	1.1	29.3	9.3	59	0.1	213.4	23.1	446	3.7	1.9	1.7	<.5	4.2	8	0.2	<.1	0.6	37	0.12	0.037	21	143.8	1.95	71	0.124	1	2	0.009	0.28	1	0.03	3.4	0.2	<.05	7	<.5
L-21E 8N	1.2	65.3	14.5	100	0.3	134.9	26.3	773	4.34	2.1	2.8	<.5	3.8	22	0.3	0.1	1.7	52	0.28	0.044	36	104	0.86	138	0.17	<1	2.98	0.012	0.4	1.3	0.06	4.4	0.2	<.05	11	<.5
L-22E 13N	2.3	40.4	10.3	57	0.1	41.8	16.6	565	3.31	1.5	2.3	<.5	5	15	0.1	0.1	0.5	40	0.13	0.031	33	49.9	0.69	117	0.152	1	2.29	0.011	0.49	1	0.04	3.7	0.3	<.05	8	<.5
L-22E 12+50N	1.7	25.5	10	55	0.1	23.5	8.5	237	3.24	1.9	1.4	<.5	5.1	13	0.2	0.1	0.4	42	0.12	0.03	26	43.7	0.53	127	0.148	1	1.93	0.008	0.35	2.3	0.04	2.9	0.3	<.05	8	0.5
L-22E 12N	0.9	22.3	8.8	42	0.1	21.5	7.2	176	2.81	1.5	1.3	<.5	8	6	0.1	0.1	0.5	37	0.05	0.036	23	37.6	0.51	103	0.14	<1	1.65	0.008	0.34	0.5	0.02	2.5	0.3	<.05	7	<.5
STANDARD DS6	12	125.9	28.4	143	0.3	25.5	10.5	728	2.87	20.8	6.3	45.2	3.2	39	6.1	3.6	4.8	58	0.87	0.08	15	194.9	0.59	161	0.089	17	1.93	0.073	0.16	3.2	0.22	3.5	1.7	<.05	6	4.3
L-22E 11+50N	2.7	45.6	17.6	90	0.1	43.5	13.8	329	5.36	3.2	1.2	2.5	5.5	9	0.2	0.1	1.7	56	0.14	0.18	13	59.7	0.61	121	0.187	<1	4.6	0.007	0.31	3.5	0.09	4.1	0.3	<.05	9	0.7
L-22E 11N	4.3	93.1	24.8	101	0.3	20.6	10.6	376	8.64	3.3	0.7	2.2	5	13	0.1	0.2	1.2	61	0.08	0.231	11	62.8	0.77	159	0.2	1	3.8	0.009	0.41	0.6	0.09	3.9	0.3	0.06	12	1.1
L-22E 10+50N	4.7	53.2	16.1	107	0.1	16.5	7.1	397	6.39	2.9	1.3	1.7	16	14	0.2	0.1	0.8	70	0.14	0.15	13	72.7	0.51	107	0.225	1	5.49	0.007	0.26	2.2	0.1	5.4	0.2	<.05	15	0.7
L-22E 10N	1.5	26.4	9.3	69	0.1	48.2	9.7	343	3.77	2.1	0.9	0.7	5.3	7	0.1	0.1	1	52	0.09	0.06	15	59.4	0.68	83	0.193	1	2.23	0.007	0.22	1.6	0.05	3.3	0.2	<.05	9	<.5
L-22E 9+50N	1.1	23.4	8.9	82	0.1	49.2	11.5	204	3.89	1.8	1	1	3.9	8	0.3	0.1	0.6	47	0.09	0.025	16	72.6	0.67	93	0.152	1	2.19	0.007	0.26	0.6	0.05	2.9	0.2	<.05	8	<.5
L-22E 9N	0.9	25.6	7.9	50	0.1	138.6	16.6	398	2.7	1.2	1.1	<.5	3.3	9	0.1	<.1	0.5	35	0.12	0.025	16	70.3	1.49	72	0.129	1	1.56	0.01	0.33	0.8	0.02	3.1	0.2	<.05	6	<.5
L-22E 8+50N	1.1	78.7	16.2	84	0.4	263.5	46.1	893	4.57	2.5	2.8	0.6	3.7	20	0.5	0.1	1.2	49	0.27	0.047	29	122.9	1.3	155	0.138	1	3.54	0.015	0.47	2.9	0.06	5.1	0.3	<.05	10	<.5
RE L-22E 8N	1.2	21.5	9.7	65	0.1	70.2	14.6	330	3.36	1.9	1	0.5	3.8	6	0.2	0.1	0.5	39	0.08	0.042	12	75	0.61	73	0.133	1	2.1	0.006	0.18	1	0.05	2.6	0.1	<.05	8	<.5
L-22E 8N	1.3	23	10	66	0.1	73.5	14.6	334	3.44	2	1	0.9	3.8	6	0.2	0.1	0.5	38	0.07	0.046	12	75.7	0.65	74	0.132	1	2.2	0.006	0.18	1.1	0.05	2.7	0.2	<.05	8	<.5
L-23E 16+50N	1	24.4	9.4	44	0.1	54.2	12.9	192	3.92	2.3	1.1	1.2	5.8	6	0.1	0.1	0.4	45	0.07	0.026	17	86.6	0.68	106	0.157	1	3.61	0.008	0.24	0.8	0.06	5	0.2	<.05	7	<.5
L-23E 16N	1.8	19.8	9.8	37	<.1	25	6.3	130	3.26	1.7	1.8	3.1	5.1	6	<.1	0.1	0.5	43	0.06	0.021	14	68	0.41	56	0.126	<1	2.81	0.007	0.16	1.1	0.07	3.2	0.2	<.05	7	0.5
L-23E 15+50N	5.8	30.5	9.3	74	<.1	35.9	10.8	265	3.57	1.8	2.2	0.5	7.4	13	0.2	<.1	0.8	50	0.13	0.021	26	50.7	0.71	95	0.211	<1	2.24	0.01	0.32	6.2	0.03	4	0.3	<.05	10	<.5
L-23E 15N	1.1	40.2	20.1	72	0.1	41.7	15.5	317	2.38	1.7	3	0.9	8.8	15	0.3	<.1	2	24	0.22	0.078	26	27.6	0.56	94	0.109	<1	1.71	0.017	0.5	14.3	0.01	3.3	0.4	<.05	5	<.5
L-23E 14+50N	3.9	23.9	6.1	97	0.1	17.8	7.2	215	2.81	1.7	1.3	3	5.1	11	0.2	0.1	22.7	32	0.13	0.033	17	27.1	0.44	47	0.127	<1	1.28	0.008	0.19	10.4	0.03	2.5	0.2	<.05	8	<.5
L-23E 14N	3.7	33.5	9.5	66	0.2	25.1	9.1	284	3.52	1.9	1.4	0.6	3.7	19	0.6	<.1	1.6	38	0.26	0.039	18	35.2	0.47	84	0.133	1	1.76	0.008	0.24	5.8	0.06	2.6	0.2	<.05	9	0.5
L-23E 13+50N	2.1	30.9	7.6	64	0.1	36	13.1	317	2.88	1.4	1.8	<.5	5.2	13	0.1	0.1	0.8	33	0.12	0.029	27	37.1	0.63	95	0.141	1	2.11	0.01	0.43	1.8	0.03	3	0.4	<.05	7	<.5
L-23E 13N	2.3	37.1	15.7	116	0.4	24	8.3	176	5.13	2.9	1	0.8	4.1	26	1.1	0.1	1.5	77	0.38	0.048	14	42.1	0.44	95	0.25	1	1.77	0.007	0.24	27.1	0.09	2.6	0.2	<.05	19	<.5
L-23E 12+50N	1.5	23.8	10.3	53	0.2	20	6.8	190	2.94	1.7	1.2	<.5	4.6	12	0.2	0.1	0.5	42	0.09	0.038	21	38	0.53	90	0.151	1	1.83	0.009	0.35	1	0.05	2.8	0.2	<.05	8	<.5
L-23E 12N	1.3	19.6	12	54	0.1	30.3	7.9	145	3.81	1.8	1	0.5	5.9	6	0.1	0.1	0.5	54	0.07	0.08	17	55.3	0.47	91	0.168	<1	1.98	0.01	0.26	2	0.05	2.8	0.2	<.05	10	<.5
L-23E 11+50N	2	32.2	14.5	62	0.2	47.3	11.5	260	3.86	2.5	1	0.8	5.9	10	0.2	0.1	1.4	40	0.11	0.094	15	44.7	0.58	71	0.122	<1	2.97	0.008	0.15	5.1	0.07	3	0.2	<.05	8	<.5
L-23E 11N	2.5	29.4	16.2	69	0.2	15.9	7	154	5.29	2.2	0.7	1.5	4.3	5	0.1	0.1	1.1	77	0.04	0.144	12	44.2	0.37	91	0.207	<1	2.3	0.007	0.2	0.5	0.06	2.2	0.3	<.05	13	<.5
L-23E 10+50N	2.6	25.3	17	84	0.1	22.8	9	320	5.49	2.7	0.6	1.3	3.2	4	0.1	0.1	2.5	72	0.06	0.197	8	47.4	0.59	80	0.294	1	1.96	0.006	0.28	0.6	0.05	2.1	0.3	<.05	14	<.5
L-23E 10N	2.7	21.9	16	42	0.1	7	3.2	126	3.56	1.8	0.9	0.8	4.8	8	0.1	0.1	1.7	57	0.07	0.057	13	33.9	0.18	67	0.158	1	2.6	0.009	0.11	0.6	0.12	2.3	0.1	<.05	9	0.6
L-23E 9+50N	5.8	36.4	11.1	82	0.2	20.8	7.5	217	4.81	1.6	1.2	0.8	7.9	9	0.1	0.1	5.5	54	0.09	0.049	19	46.6	0.56	122	0.217	1	2.03	0.009	0.25	1.2	0.04	2.7	0.3	<.05	10	0.5
L-23E 9N	2.3	20.5	13.1	54	0.1	12	4.1	207	3.31	1.2	0.8	0.5	5.6	9	0.1	0.1	1.1	58	0.1	0.066	16	53.2	0.46	120	0.16	<1	1.91	0.012	0.24	1.3	0.06	3.2	0.2	0.09	9	0.7
L-23E 8+50N	0.9	18.4	5.6	41	<.1	97	12.5	205	3.08	1.3	0.8	0.8	2.8	7	0.2	0.1	0.4	28	0.13	0.04	13	55.6	0.96	39	0.09	<1	1.28	0.004	0.1	1	0.04	1.9	0.1	<.05	6	<.5
L-23E 8N	0.9	31.4	8.8	55	<.1	125.6	17.8	237	3.75	2	1.3	1	4.3	11	0.2	<.1	0.6	40	0.15	0.034	21	75.9	0.99	87	0.129	<1	2.13	0.009	0.28	0.8	0.03	3.2	0.2	<.05	8	0.5
L-24E 16N	1.6	19.9	12.4	60	0.1	19.9	5.8	144	3.87	2	1.2	0.7	6.5	8	0.2	0.1	0.8	56	0.07	0.022	19	54	0.4	73	0.197	1	1.9	0.007	0.18	4	0.04	2.6	0.2	<.05	11	0.5
L-24E 15+50N	1.5	25.6	9.9	70	0.1	35.1	9.5	257	2.52	0.7	1.6	<.5	5	16	0.2	<.1	1.1	37	0.13	0.02	21	52.5	0.8	80	0.191	1	2.04	0.011	0.39	4.4	0.04	3.7	0.3	<.05	10	<.5
L-24E 15N	0.8	29.3	11.3	49	<.1	30	12.1	262	2.59	1.8	3	1.1	7.6	16	0.2	<.1	1.4	31	0.18	0.057	23	33.2	0.5	80	0.131	<1	2.3	0.015	0.39	9	0.04	3.5	0.3	<.05	8	0.5
L-24E 14+50N	6	31.5	10.8	94	0.1	25.6	12.9	429	4.38	1.7	2.5	<.5	5.7	18	0.2	0.1	3.2	46	0.23	0.035	28	41.2	0.57	78	0.179	<1	2.05	0.01	0.35	3	0.06	3.3	0.3	<.05	13	<.5
L-24E 14N	1.4	36.4	10.5	74	0.1	34.8	11.7	209	3.15	1.9	2.8	<.5	6.6	18	0.1	0.1	0.8	27	0.17	0.045	38	34.8	0.48	67	0.101	<1	2.57	0.012	0.26	4.5	0.06	3.6	0.3	<.05	8	0.7
L-24E 13+50N	3.7	30.2	9.5	50	0.1	22.7	7.6	182	3.42	1.8	1.5	<.5	4.9	12	0.1	0.1	0.6	43	0.1	0.026	23	36.1	0.54	71	0.167	<1	1.66	0.008	0.3	1.9	0.02	2.6	0.2	<.05	11	<.5
L-24E 13N	1.5	33.6	5.7	65	<.1	50.9	12.7	321	2.47	0.9	2	2.5	9	8	<.1	<.1	0.4	29	0.08	0.029	32	39.8	0.69	112	0.148	<1	2.09	0.013	0.55	1.4	0.02	3.4	0.4	<.05	6	<.5
STANDARD DS6	11.6	122.1	29.9	140	0.3	23.9	10.3	702	2.87	21.4	6.6	45.6	3.1	37	6.1	3.5	4.9	55	0.82	0.076	15	186.6	0.59	163	0.075	17	1.91	0.073	0.16	3.5	0.22	3.5	1.7	<.05	6	4.6
L-24E 12+50N	2.4	32	10.8	70	0.1	27.4	9.7	248	3.2	1.7	1.8	1.1	5.1	7	0.1	0.1	0.4	41	0.05	0.031	25	43.4	0.57	71	0.152	1	1.87	0.008	0.37	1	0.03	2.7	0.3	<.05	10	<.5
L-24E 12N	1.6	27.1	5.9	63	0.1	46.8	11.9	222	3.26	1.3	1.3	<.5	4.6	8	0.2	0.1	0.4	43	0.07	0.028	25	61.5	0.87	99	0.167	<1	2.03	0.011	0.41	0.6	0.01	3.2	0.3	<.05	8	<.5
L-24E 11+50N	2.2	39.3	7.6	85	0.1	70.6	14.6	253	3.79	1.8	1.2	0.7	5.5	10	0.2	0.1	0.5	50	0.11	0.029	25	61.4	0.78	92	0.189	<1	2.16	0.009	0.37	0.7	0.02	3.5	0.3	<.05	10	<.5
L-24E 11N	1.7	14.4	10.4	78	0.1	24	9.7	273	3.79	2.1	0.9	<.5	3.5	18	0.3	0.1	0.7	47	0.18	0.091	15	50.6	0.4	94	0.144	<1	1.85	0.007	0.18	0.9	0.04	2	0.2	<.05	9	<.5
L-24E 10+50N	1.6	13	8.6	104	0.1	57.9	11.5	210	4.27	2.3	0.9	3.2	4.3	10	0.2	0.1	0.5	56	0.14	0.069	15	63.5	0.74	91	0.173	1	2.45	0.006	0.15	1.1	0.05	2.8	0.1	<.05	10	0.5

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
L-24E 10N	1.1	17.5	8.6	92	0.1	95.6	14.1	234	3.16	1.7	1.2	<.5	5.9	11	0.1	0.1	0.5	37	0.18	0.052	20	67.5	0.92	94	0.133	<1	2.52	0.009	0.19	2.7	0.04	3.3	0.2	<.05	7	0.5
L-24E 9+50N	3.3	17.6	15.5	64	0.1	14.4	4.8	348	4.58	2	0.9	<.5	2.8	14	0.4	0.1	0.6	69	0.19	0.056	13	44.8	0.28	95	0.205	1	1.4	0.007	0.17	0.7	0.05	1.5	0.1	<.05	14	0.5
L-24E 9N	1.3	13.8	8.7	93	0.1	71.8	13.1	234	4.1	2.3	1.3	0.5	6.5	10	0.3	0.1	0.4	48	0.14	0.032	22	92.8	0.81	101	0.183	<1	2.6	0.009	0.22	0.7	0.05	3.4	0.2	<.05	9	<.5
L-24E 8+50N	0.9	10.3	6.9	61	<.1	87.3	12.4	271	3.01	1.5	1.1	0.5	5	9	0.1	<.1	0.4	38	0.14	0.032	21	90.5	0.96	60	0.133	1	1.44	0.008	0.15	0.7	0.03	2.3	0.1	<.05	7	<.5
L-24E 8N	2	15.6	7.6	75	0.1	65.9	11.2	253	3.54	2	1.2	<.5	4.5	10	0.1	0.1	0.5	42	0.1	0.036	22	92.6	0.77	94	0.144	1	1.67	0.01	0.18	0.4	0.04	2.4	0.2	<.05	8	<.5
L-25E 16N	1.3	6.1	6.7	11	0.1	8.2	1.6	48	1.03	1.1	0.6	2.4	2.8	4	0.1	0.1	0.5	38	0.04	0.01	10	17.3	0.06	26	0.089	1	0.59	0.009	0.03	2.4	0.02	0.8	<.1	<.05	6	<.5
L-25E 15+50N	2.1	13.6	14.7	42	0.1	26	6	235	3.17	2.4	0.8	1	3.6	14	0.2	0.1	0.9	70	0.15	0.052	11	37.1	0.3	57	0.181	1	1.22	0.008	0.09	3.1	0.04	1.5	0.1	<.05	13	<.5
L-25E 15N	0.5	38.1	7.4	63	0.1	43.1	15.2	471	2.72	1.6	1.7	<.5	9.7	29	0.2	0.1	0.7	33	0.32	0.073	33	40.3	0.69	148	0.153	<1	1.74	0.029	0.74	6.8	<.01	3.4	0.4	<.05	6	<.5
L-25E 14+50N	0.4	17.4	5	36	<.1	129	14.3	246	2.33	1.3	1.3	<.5	5.8	8	<.1	0.1	0.3	26	0.11	0.028	25	53.9	1.22	68	0.103	<1	1.66	0.01	0.29	1	0.02	2.6	0.2	<.05	4	<.5
L-25E 14N	1.1	29.9	6.7	45	0.1	53.8	11.6	225	2.56	1.6	1.9	0.5	3.7	13	0.1	<.1	0.8	26	0.12	0.037	25	35	0.46	70	0.101	1	1.89	0.01	0.35	2.5	0.04	2.5	0.3	<.05	6	0.5
L-25E 13+50N	1.6	18.8	7.2	49	0.1	22.9	10.9	252	3.13	1.8	1.5	0.8	3.9	12	0.2	<.1	0.4	28	0.14	0.034	28	31.7	0.31	60	0.099	1	1.55	0.006	0.15	1.9	0.07	1.9	0.2	<.05	6	<.5
L-25E 13N	0.5	11.5	4.5	31	0.1	31.2	6.7	119	1.67	1.1	1	0.6	5.2	10	0.1	<.1	0.3	17	0.11	0.031	18	26	0.32	46	0.075	<1	1.38	0.007	0.13	1.3	0.02	1.7	0.1	<.05	3	<.5
L-25E 12+50N	0.5	14.7	4.5	32	<.1	105.2	11.1	183	2.16	1.2	1.3	0.7	4.7	9	0.1	<.1	0.3	24	0.12	0.035	24	52.1	0.93	58	0.087	<1	1.47	0.009	0.23	1.1	0.03	2.2	0.2	<.05	4	<.5
L-25E 12N	0.7	23.4	6	47	0.1	66.1	11.9	241	2.57	1.1	1.5	0.7	6.8	10	<.1	<.1	0.3	34	0.11	0.018	30	59.9	0.75	86	0.138	<1	1.74	0.011	0.4	1	0.01	2.9	0.3	<.05	6	<.5
L-25E 11+50N	1.4	15.7	7.5	60	0.1	59	13.1	187	3.68	1.8	1.1	1.4	4.6	13	0.2	0.1	0.5	43	0.13	0.028	19	72	0.68	70	0.153	1	2.12	0.008	0.25	2.8	0.02	2.9	0.2	<.05	8	<.5
L-25E 11N	1.2	12.4	8.2	54	0.1	57.9	9.3	177	3.57	1.7	1.2	0.7	5.2	14	0.2	0.1	0.5	50	0.16	0.038	22	79.9	0.58	100	0.162	1	1.87	0.009	0.19	2.3	0.03	2.7	0.2	<.05	10	<.5
L-25E 10+50N	0.5	16.5	7.3	45	<.1	118.8	13.6	234	2.82	1.4	1.1	<.5	5.8	12	0.2	0.1	0.5	36	0.12	0.021	22	74.6	1.04	106	0.135	1	1.72	0.012	0.31	1.4	0.03	2.8	0.2	<.05	6	<.5
L-25E 10N	1	12.4	9.4	45	0.1	67.3	10.8	238	3.18	1.5	1.2	0.5	4.7	15	0.2	<.1	0.4	44	0.21	0.025	21	80.4	0.73	85	0.153	1	1.58	0.008	0.24	0.7	0.03	2.5	0.2	<.05	9	<.5
L-25E 9+50N	0.7	14.7	5.9	44	0.1	71.5	11.8	153	2.98	1.3	1.2	1.5	3.8	12	0.1	<.1	0.3	32	0.19	0.035	23	59.2	0.53	61	0.101	<1	1.72	0.008	0.12	0.8	0.04	2.5	0.1	0.07	6	<.5
L-25E 9N	0.7	9.7	6.5	45	<.1	60.1	9.5	164	2.33	1.4	1	1	4.5	10	0.1	0.1	0.3	33	0.12	0.014	18	81.7	0.59	67	0.117	1	1.4	0.007	0.18	0.6	0.03	2	0.2	<.05	6	<.5
L-25E 8+50N	0.8	12.6	7.6	41	<.1	114.9	12.2	212	2.95	1.4	1.1	0.5	4.5	12	0.2	<.1	0.3	33	0.15	0.027	21	85.4	1.15	70	0.119	1	1.62	0.01	0.19	0.5	0.04	2.6	0.2	<.05	6	<.5
L-25E 8N	0.8	13.6	6.2	60	<.1	66.9	11.4	233	3.43	1.3	1.4	0.7	5.5	10	0.2	0.1	0.3	40	0.14	0.033	26	87.3	0.84	91	0.148	<1	2.04	0.011	0.33	0.4	0.03	3	0.3	0.06	7	<.5
L-26E 16+50N	2.7	7.7	10.2	32	<.1	49.1	10.5	154	1.5	0.9	1.6	0.5	3.4	14	0.2	0.1	0.4	32	0.17	0.016	16	77.3	0.39	72	0.156	1	1.47	0.01	0.15	22.5	0.03	1.9	0.2	<.05	9	<.5
L-26E 16N	1.4	16.5	7.6	60	0.1	41.6	9	366	2.06	2.7	2.4	<.5	2.4	18	0.2	0.1	1	26	0.14	0.033	24	33	0.32	102	0.084	1	1.74	0.01	0.11	1.5	0.05	1.8	0.1	0.06	6	<.5
L-26E 15+50N	1.9	16.6	8.3	38	0.3	46	16.7	569	1.69	0.7	2.8	0.6	0.4	23	0.2	<.1	0.6	31	0.26	0.081	22	40	0.38	82	0.037	1	1.81	0.012	0.14	1.8	0.08	1.1	0.3	0.1	6	<.5
L-26E 15N	1.4	11.8	5.3	32	0.1	43.2	7.9	168	1.69	0.8	1.9	0.5	2.6	10	<.1	<.1	0.4	22	0.1	0.024	20	40.4	0.44	50	0.083	1	1.29	0.01	0.2	1.5	0.03	1.9	0.1	<.05	5	<.5
RE L-26E 15N	1.3	11.7	5.4	31	0.1	41.3	8.1	163	1.74	0.9	1.8	<.5	2.5	10	0.1	<.1	0.4	22	0.09	0.023	20	40.9	0.43	48	0.084	<1	1.28	0.01	0.2	1.4	0.01	1.8	0.1	<.05	5	<.5
L-26E 14+50N	1.7	20.7	8.3	45	0.1	53	21.2	431	2.58	1.4	1.9	1.3	2.9	16	0.2	0.1	0.6	34	0.15	0.032	24	44.4	0.42	77	0.106	1	1.94	0.011	0.23	1.1	0.05	2.3	0.2	0.06	7	<.5
L-26E 14N	0.8	21.8	6.8	47	0.1	72.7	15.3	439	2.47	1.3	1.5	<.5	3.6	13	0.1	<.1	0.4	31	0.13	0.029	23	57.3	0.57	85	0.105	1	1.94	0.01	0.3	0.9	0.04	2.5	0.2	<.05	6	<.5
STANDARD DS6	12	126.8	29.7	148	0.3	25.6	11.2	724	2.84	21.8	6.3	47.3	3.2	38	6.1	3.6	4.9	57	0.85	0.076	16	194.8	0.59	162	0.077	17	1.95	0.074	0.16	3.5	0.22	3.5	1.6	<.05	6	4.5
L-26E 13+50N	0.8	27.6	8	65	0.1	89.7	17.4	397	3.61	1.5	1.9	0.9	4	15	0.1	0.1	0.5	43	0.16	0.027	21	67.6	0.7	115	0.142	1	2.47	0.01	0.41	1	0.05	3.4	0.3	<.05	8	<.5
L-26E 13N	1.3	17.8	9.3	39	0.2	32.4	6.7	143	3.62	2	1.1	0.7	3.6	28	0.3	0.1	0.5	39	0.35	0.03	14	35.7	0.4	78	0.143	<1	1.5	0.006	0.19	1	0.05	2.2	0.1	<.05	9	<.5
L-26E 12+50N	0.9	15.8	6.6	60	<.1	65.8	11.9	203	3.24	1.5	1.2	16.4	5.5	16	0.1	<.1	0.3	38	0.19	0.03	16	59.2	0.75	106	0.141	1	1.98	0.009	0.33	0.8	0.04	3.1	0.2	<.05	7	<.5
L-26E 12N	1.1	19.8	9	55	0.1	51.7	10.8	212	3.61	1.7	1.2	<.5	3.8	18	0.2	0.1	0.5	45	0.19	0.021	17	59	0.56	101	0.166	<1	1.87	0.007	0.26	1.2	0.03	2.8	0.2	<.05	9	<.5
L-26E 11+50N	0.5	8.9	6.2	31	0.1	77.3	11.5	147	2.32	1.2	0.6	1	2.7	11	0.4	<.1	0.4	24	0.16	0.036	9	40.4	0.74	49	0.077	<1	1.1	0.006	0.08	1.4	0.03	2	0.1	<.05	5	<.5
L-26E 11N	0.8	16.7	5.1	40	<.1	65.7	10.4	175	3.18	1.4	1	<.5	4.3	10	0.1	<.1	0.3	41	0.12	0.021	14	62.8	0.59	81	0.136	1	1.62	0.007	0.18	1.6	0.02	2.6	0.1	<.05	7	<.5
L-26E 10+50N	1.1	12.5	7.4	30	0.1	36.9	6.1	121	2.96	1.2	0.8	<.5	3.8	13	0.2	<.1	0.6	39	0.2	0.019	12	46	0.41	46	0.132	1	1.26	0.007	0.11	1.1	0.05	2	0.1	<.05	7	<.5
L-26E 10N	1.3	19.6	11.1	69	0.2	200.7	23.4	411	4.37	2.4	1.2	<.5	3	22	0.2	0.1	0.5	49	0.24	0.037	14	88.9	0.92	160	0.141	1	2.95	0.011	0.33	1.2	0.07	3.4	0.2	<.05	9	0.9
L-26E 9+50N	1.3	10.1	9	37	0.1	27.6	6	117	2.97	1.6	1	<.5	4.1	17	0.3	0.1	0.5	48	0.25	0.022	14	51.9	0.38	67	0.169	1	1.2	0.007	0.15	0.8	0.05	1.9	0.2	<.05	9	<.5
L-26E 9N	0.4	9.5	7.4	48	0.1	319.7	27.7	384	3.29	2.1	0.8	<.5	3.9	11	0.1	<.1	0.2	31	0.15	0.014	14	126.5	2.65	70	0.111	1	1.37	0.008	0.23	0.4	0.01	3.3	0.2	<.05	5	<.5
L-26E 8+50N	0.8	10.6	7.1	51	<.1	86.2	11.2	159	3.2	2	0.9	<.5	3.4	9	0.2	0.1	0.4	35	0.1	0.021	13	65.5	0.73	74	0.112	1	1.67	0.006	0.15	0.7	0.05	2.3	0.1	<.05	6	<.5
L-26E 8N	1.3	17.8	9.7	72	0.1	60.2	11.5	218	3.87	1.9	1.3	<.5	5.1	7	0.2	0.1	0.4	46	0.07	0.028	16	86	0.61	109	0.158	2	2.38	0.008	0.2	0.7	0.06	3.2	0.2	<.05	9	<.5
L-27E 16N	4.1	27.2	15.2	45	0.2	19	6.5	137	3.16	2.1	10.3	2.5	5.1	16	0.5	0.1	2.2	33	0.2	0.051	18	35.7	0.31	61	0.113	2	2.6	0.012	0.12	13.2	0.13	2.9	0.1	<.05	12	0.5
L-27E 15+50N	2.3	7.5	10.1	25	0.1	7.1	2.8	95	2.16	1.5	1.2	<.5	5.3	4	0.1	0.1	2.3	58	0.03	0.025	17	18.2	0.14	33	0.179	<1	0.64	0.006	0.1	2.9	0.03	1	0.1	<.05	11	<.5
L-27E 15N	2.1	45.3	10.9	59	0.2	55.3	18.7	500	3.29	1.8	4.6	<.5	1.6	20	0.2	0.1	0.9	39	0.19	0.055	24	45	0.45	87	0.078	1	2.25	0.012	0.24	1.1	0.09	2.5	0.2	<.05	8	<.5
L-27E 14+50N	1.3	39.1	10.1	61	0.1	53.5	12.1	217	3.81	2.2	2.6	<.5	4.8	19	0.2	0.1	1.9	37	0.21	0.053	23	42.5	0.51	86	0.127	1	2.33	0.012	0.29	3.2	0.06	3.2	0.2	<.05	10	<.5
L-27E 14N	0.9	19.9	6.7	57	0.1	52.1	10.1	199	2.49	1.2	1.9	<.5	5.5	9	0.1	<.1	0.8	30	0.1	0.025	24	48.3	0.55	73	0.116	1	1.66	0.008	0.3	1.8	0.02	2.6	0.3	<.05	6	<.5
L-27E 13+50N	1.3	17.5	5.9	50	<.1	42.9	9.8	239	2.48	1.2	1.4	<.5	4.7	10	<.1	0.1	0.8	32	0.09	0.019	20	44.9	0.52	83	0.131	1	1.54	0.008	0.3	1.1	0.02	2.7	0.2	<.05	7	<.5
L-27E 13N	0.7	23.9	6.6	55	0.1	79.3	14	294	3.1	1.6	1.9	<.5	6.9	10	0.1	<.1	0.5	37	0.12	0.027	28	63.8	0.77	100	0.142	2	2.15	0.012	0.49	0.9	0.03	3.5	0.3	<.05	7	<.5
L-27E 12+50N	0.6	18.6	6.8	65	0.1	63	13.2	277	3.24	1.3	1.7	<.5	6.3	11	0.1	<.1	0.4	40	0.14	0.025	27	77.6	0.87	136	0.159	1	2.25	0.014	0.5	0.7	0.02	3.9	0.3	<.05	7	<.5
L-27E 12N	0.9	17.6	6.4	72	<.1	54.2	11.6	281	3.46	1.6	1.6	<.5	5.6	8	0.1	<.1	0.3	46	0.1	0.021	23	73.4	0.8	92	0.168	1	2.04	0.011	0.48	0.4	0.03	3.6	0.3	<.05	8	<.5
L-27E 11+50N	1.2	21.6	7.6	52	0.1	57.9	10.1	237	3.45	1.6	1.7	0.9	5	10	0.2	<.1	0.6	40	0.13	0.036	22	64.1	0.78	106	0.15	1	2.13	0.012	0.45	0.6	0.05	3.3	0.3	<.05	8	<.5
L-27E 11N	0.7	18.1	4.7	37	0.1	77.3	11.3	212	2.37	1.1	1.3	<.5	4.8	10	0.1	<.1	0.3	28	0.12	0.019	20	53.4	0.77	78	0.117	1	1.49	0.011	0.33	0.6	0.02	2.7	0.2	<.05	5	<.5
L-27E 10+50N	0.7	9.2	5.6	35	0.1	44.6	9.4	141	2.21	1.3	0.9	0.5	4.5	7	0.2	0.1	0.3	26	0.09	0.029	12	42.3	0.47	48	0.097	1	1.33	0.006	0.1	1	0.03	1.9	0.1	<.05	5	<.5
L-27E 10N	1.8	11.6	7.7	40	0.1	22.3	7.7	533	2.77	1.2	1	0.8	3.6	10	0.2	0.1	0.5	42	0.11	0.029	15	50.3	0.31	58	0.132	1	1.31	0.007	0.14	0.9	0.08	1.6	0.1	<.05	7	<.5
RE L-27E 9N	0.8	16	5.6	47	0.1	49.4	9.6	223	3.09	1.4	1.1	<.5	3.4	5	0.1	<.1	0.3	32	0.07	0.03	16	52.6	0.54	66	0.12	<1	1.64	0.008	0.26	0.9	0.04	2.6	0.2	<.05	6	<.5
L-27E 9+50N	0.9	16.3	7.5	59	0.1	96.5	13.4	216	3.52	2	1.1	0.7	6.3	11	0.2	0.1	0.4	32	0.15	0.042	17	78.7	0.91	91	0.124	1	2.19	0.01	0.16	1.6	0.04	3.2	0.2	<.05	7	<.5
L-27E 9N	0.7	17.4	5.6	49	0.1	47.8	9.9	224	3.03	1.6	1	<.5	2.9	4	0.1	<.1	0.3	30	0.05	0.029	14	46.2	0.52	62	0.116	<1	1.56	0.006	0.26	1	0.05	2.3	0.2	<.05	6	<.5
L-27E 8+50N	1.4	18.7	6.2	56	<.1	71.4	11.2	202	3.75	1.8	1.2	<.5	6.1	4	0.1	0.1	0.4	44	0.07	0.04	17	70.5	0.82	84	0.161	1	2.2	0.008	0.29	0.8	0.06	3.2	0.3	<.05	8	<.5
L-27E 8N	0.9	16.1	6.1	46	0.1	68.9	9.8	192	2.76	1.5	1.3	0.6	4.5	7	0.1	<.1	0.3	39	0.11	0.029	21	69.5	0.67	88	0.129	1	1.97	0.01	0.3	0.5	0.04	2.8	0.2	<.05	7	<.5
L-28E 16N	2.5	14.6	3.9	15	0.4	7.6	3.1	183	1.22	<.5	7.1	0.5	0.2	13	0.1	<.1	0.2	26	0.23	0.064	14	12.3	0.11	31	0.042	1	1.15	0.017	0.04	0.6	0.07	1	0.1	<.05	3	0.5
L-28E 15+50N	1.1	38.4	9.9	53	0.1	47.9	19.4	398	3.02	1.5	2.8	<.5	6	15	0.2	0.1	1	39	0.29	0.085	18	41.7	0.59	131	0.135	<1	2.03	0.017	0.45	11.4	0.03	3.7	0.3	<.05	7	<.5
L-28E 15N	1.5	22.3	11	83	0.1	40.9	16.3	472	3.99	1.6	1.9	<.5	5.4	12	0.2	0.1	1.1	52	0.21	0.057	16	52.2	0.58	133	0.172	2	2.22	0.012	0.37	11.1	0.03	3.6	0.2	<.05	10	<.5
L-28E 14+50N	1.3	7.2	8.1	29	0.1	8.1	3	84	2.14	1.2	0.8	<.5	3.9	5	0.2	0.1	0.4	31	0.05	0.016	12	26.9	0.16	42	0.108	1	0.97	0.004	0.08	1.1	0.05	1.1	0.1	<.05	6	<.5
STANDARD DS6	11.7	120.8	28.5	144	0.3	24.7	10.5	706	2.85	20.9	6.7	48.2	3.1	38	5.9	3.6	4.9	57	0.87	0.081	14	185.8	0.59	166	0.082	17	1.94	0.073	0.16	3.6	0.23	3.5	1.7	<.05	6	4.5
L-28E 14N	2.4	15.9	9.5	53	0.2	29	8.4	198	3.92	2.1	1.2	<.5	3.5	24	0.2	<.1	2	62	0.24	0.036	16	44.7	0.45	71	0.163	1	1.82	0.015	0.14	3.9	0.05	2.4	0.2	<.05	13	<.5
L-28E 13+50N	0.9	21.7	7.2	56	0.1	71.2	16.1	410	2.78	1.5	1.6	<.5	3.8	11	0.1	<.1	0.4	37	0.13	0.03	22	63.2	0.66	101	0.135	1	2.09	0.011	0.37	1	0.03	2.9	0.3	<.05	7	<.5
RE L-28E 13+50N	0.8	24	7.7	60	0.1	77.6	17.3	436	2.93	1.4	1.7	<.5	3.8	11	0.1	<.1	0.4	37	0.14	0.031	21	65.2	0.69	99	0.14	1	2.11	0.011	0.39	1.1	0.03	3	0.3	<.05	7	0.5
L-28E 13N	1.2	22	9.8	87	0.1	52.2	13	298	4.15	2.1	1.1	1	3	16	0.3	0.1	0.5	43	0.2	0.029	17	71.5	0.63	115	0.164	1	2.44	0.008	0.36	0.8	0.06	3.1	0.3	<.05	8	<.5
L-28E 12+50N	1	17.5	8.6	51	0.2	40.8	9	289	3.38	1.8	1.2	<.5	3	9	0.2	0.1	0.3	42	0.11	0.029	19	74.1	0.54	63	0.146	<1	1.88	0.008	0.28	0.5	0.03	2.5	0.2	<.05	8	<.5
L-28E 12N	1.3	26.5	8	66	0.2	48.5	10.6	249	3.99	2	1.3	0.8	2.7	20	0.2	0.1	0.5	43	0.21	0.03	17	63.2	0.56	107	0.158	<1	1.99	0.008	0.32	1.6	0.06	2.7	0.2	<.05	9	<.5
L-28E 11+50N	1	19.9	6.4	56	0.1	53.5	19.3	374	3.09	1.3	1.3	<.5	3.2	12	0.2	<.1	0.4	38	0.14	0.027	19	58.7	0.67	109	0.154	1	1.94	0.01	0.38	0.8	0.04	2.8	0.2	<.05	8	<.5
L-28E 11N	0.9	21.8	5.5	50	0.1	86.1	13.4	258	2.72	1.3	1.2	<.5	3	9	0.1	<.1	0.4	31	0.09	0.023	16	51.4	0.78	94	0.123	1	1.66	0.01	0.34	0.5	0.02	2.6	0.2	<.05	6	<.5

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
L-28E 10+50N	1.4	16.4	7.2	52	0.1	54.5	10	234	3.86	1.5	1.1	0.5	2.9	14	0.2	<.1	0.8	53	0.16	0.027	16	61.8	0.64	102	0.185	1	1.98	0.009	0.28	0.9	0.04	2.7	0.2	<.05	10	<.5
L-28E 10N	0.9	10.1	9.3	45	0.1	78.8	10.5	224	2.38	1.3	0.8	0.6	1.5	8	0.2	<.1	0.3	36	0.08	0.024	12	67.5	0.6	61	0.11	<1	1.25	0.011	0.12	0.3	0.02	2	0.1	<.05	6	<.5
L-28E 9+50N	1.6	18.3	9	68	0.1	82.7	14.6	322	4.16	2.9	1	1	4.3	8	0.2	0.1	0.6	48	0.06	0.047	14	65.8	0.92	98	0.168	1	1.84	0.007	0.19	6.3	0.04	2.6	0.2	<.05	8	<.5
L-28E 9N	1.7	11.4	14.9	56	0.1	21.2	7.8	724	4.37	2.4	0.8	2.1	4.3	5	0.1	0.1	0.5	70	0.06	0.184	13	46.5	0.45	71	0.233	<1	1.59	0.006	0.16	0.6	0.04	2	0.2	<.05	13	<.5
L-28E 8+50N	1.6	14.5	11.7	56	0.2	36.3	7.4	184	3.3	1.6	1.1	<.5	4.1	7	0.1	<.1	0.4	51	0.08	0.038	17	65.4	0.56	80	0.181	<1	2.04	0.009	0.23	0.6	0.04	2.7	0.2	<.05	10	0.5
L-28E 8N	1.7	11.6	11.9	51	0.1	19.4	5.5	204	3.89	2.2	1.1	1.5	5.7	5	0.1	0.1	0.5	65	0.07	0.045	16	61.5	0.34	67	0.205	1	2.05	0.006	0.14	0.4	0.08	2.2	0.1	<.05	13	<.5
L-29E 15+50N	1.6	29.9	8.4	49	<.1	65.3	20.9	250	3.75	1.5	3.7	0.7	3.4	12	0.2	<.1	0.6	43	0.16	0.041	26	61.1	0.61	149	0.143	<1	2.58	0.01	0.36	0.8	0.04	3.7	0.2	<.05	7	<.5
L-29E 15N	1.2	7.1	8.7	30	0.1	38.9	6.7	169	2.64	1.7	0.5	0.9	3	7	0.1	0.1	0.5	49	0.08	0.05	8	58.7	0.44	39	0.127	<1	1.13	0.007	0.09	0.9	0.02	1.9	0.1	<.05	9	<.5
L-29E 14+50N	1.4	25.4	8.1	55	0.1	78.5	11.3	202	2.98	1.5	1.6	1.4	3.8	8	0.1	0.1	0.4	33	0.12	0.04	18	66	0.72	97	0.119	<1	2.23	0.01	0.35	0.6	0.04	3.1	0.2	<.05	6	0.5
L-29E 14N	2.2	19.3	14	79	0.1	71.3	22.6	572	4.3	2	1.6	1.5	3.6	16	0.2	<.1	0.7	57	0.12	0.042	17	84.6	0.86	123	0.191	1	2.77	0.011	0.36	0.8	0.06	3.7	0.3	<.05	11	<.5
L-29E 13+50N	0.4	11.3	5	31	0.1	94.7	12.4	159	2.17	1.3	0.8	1.2	4.4	6	0.1	<.1	0.2	24	0.12	0.041	14	54.4	0.76	73	0.096	<1	1.63	0.009	0.17	0.5	0.02	2.6	0.1	<.05	4	<.5
L-29E 13N	0.9	25.4	6.9	55	0.1	114.2	20.3	385	2.74	1.6	1.8	2	3.2	12	0.2	<.1	0.5	26	0.13	0.035	22	53.4	0.71	78	0.085	<1	2.17	0.009	0.21	0.9	0.06	2.6	0.2	<.05	5	<.5
L-29E 12+50N	0.7	23.3	6.1	42	0.1	84.7	10.9	219	2.9	1.3	1.8	<.5	4.1	10	0.1	0.1	0.4	29	0.11	0.028	24	55.1	0.67	80	0.111	1	1.86	0.01	0.27	0.4	0.03	2.7	0.2	<.05	6	<.5
L-29E 12N	0.9	39.5	9.1	61	0.1	174.9	23.7	432	3.52	2.2	2.2	1.4	6.3	17	0.1	0.1	1.2	33	0.18	0.058	30	55.5	1	116	0.114	<1	2.76	0.013	0.41	1.5	0.04	3.4	0.4	<.05	7	0.7
L-29E 11+50N	0.6	30.8	8.3	59	0.2	112.5	20.2	379	3.21	1.9	2.1	1.2	5.6	15	0.2	0.1	0.7	32	0.16	0.058	25	53.6	0.87	118	0.118	<1	2.87	0.014	0.44	1.9	0.04	3.8	0.3	<.05	7	0.5
L-29E 11N	1.2	50.6	10.4	67	0.1	145.5	22.4	363	3.6	1.8	2.2	0.8	3.4	13	0.2	<.1	0.7	42	0.11	0.035	18	91.8	0.81	111	0.142	<1	2.44	0.009	0.31	0.7	0.05	3.5	0.2	<.05	8	0.5
L-29E 10+50N	1.5	19.2	6.7	58	<.1	75	10.5	191	3.84	1.8	1.1	0.8	4.5	9	0.2	<.1	0.6	50	0.07	0.024	16	66.3	0.74	101	0.179	<1	2.03	0.008	0.25	0.9	0.04	2.8	0.2	<.05	9	<.5
L-29E 10N	0.8	20.3	9.7	54	0.1	170.8	19.3	304	3.52	1.9	1.3	0.5	3.2	9	0.2	<.1	0.4	40	0.11	0.028	17	101.7	1.56	81	0.134	1	1.8	0.01	0.28	0.4	0.03	3.1	0.2	<.05	8	<.5
L-29E 9+50N	1.4	12.1	8.2	67	0.2	52.5	8.8	194	3.81	1.9	0.9	<.5	3.5	16	0.3	0.1	0.4	50	0.25	0.036	13	80.9	0.58	65	0.152	1	1.26	0.006	0.14	1.4	0.05	2.1	0.1	<.05	10	<.5
L-29E 9N	1.4	36.9	7.7	78	0.1	94.2	21.6	528	3.73	1.2	1.6	2.7	3.9	10	0.1	0.1	0.6	38	0.12	0.03	22	78.8	0.91	123	0.155	<1	2.24	0.013	0.49	0.4	0.02	3.5	0.3	<.05	8	<.5
L-29E 8+50N	0.9	16.6	7.3	83	0.1	57	11.8	242	3.71	1.5	1.1	<.5	5.2	7	0.1	0.1	0.3	46	0.09	0.022	18	80.9	0.79	110	0.185	1	2.35	0.01	0.33	0.3	0.06	3.7	0.3	<.05	9	<.5
L-29E 8N	1.4	17	9.8	65	0.1	55.4	10.1	215	3.41	1.4	1.4	1	4.5	8	0.1	0.1	0.6	56	0.08	0.024	23	67.6	0.63	76	0.189	<1	1.75	0.008	0.25	0.3	0.01	2.6	0.2	<.05	11	<.5
L-30E 16+50N	1	13.8	6.7	38	<.1	96.8	15.3	188	2.88	1.5	2.4	1.2	4.3	11	0.3	<.1	0.3	36	0.15	0.018	19	92.8	0.65	60	0.116	<1	2.05	0.01	0.14	1.2	0.03	3.5	0.1	<.05	6	<.5
L-30E 16N	0.7	10.7	5.1	37	<.1	42.2	7.4	123	2.74	1.3	0.9	0.5	3.8	7	0.1	<.1	0.2	30	0.11	0.031	14	48.9	0.41	52	0.111	<1	1.47	0.007	0.15	0.6	0.03	2.2	0.1	<.05	6	0.5
L-30E 15+50N	1.6	20.1	11.5	63	0.2	83.4	14	272	3.37	2.1	2.1	2.1	3.8	20	0.3	0.1	0.5	46	0.22	0.048	17	63.5	0.58	149	0.156	1	2.27	0.012	0.31	0.5	0.04	3.3	0.2	<.05	8	<.5
L-30E 15N	2	5.6	10	40	0.1	12.4	5.1	193	1.74	1	0.8	2.1	3.9	8	0.3	0.1	0.8	39	0.09	0.017	13	32.7	0.16	63	0.115	<1	1.39	0.01	0.06	0.8	0.03	1.7	0.1	<.05	8	<.5
STANDARD DS6	11.6	122.6	30	151	0.4	25.5	10.5	703	2.89	22.4	6.6	49.1	2.9	37	6.2	3.5	5	57	0.87	0.08	14	185.9	0.59	163	0.083	17	1.91	0.073	0.16	3.7	0.22	3.5	1.8	<.05	6	4.5
L-30E 14+50N	1.4	12.7	8	54	0.1	53.9	9.7	173	3.9	1.9	0.9	11	4.2	11	0.1	0.1	0.3	54	0.15	0.022	15	81.5	0.52	73	0.175	<1	1.82	0.007	0.19	0.7	0.03	2.9	0.1	<.05	9	<.5
L-30E 14N	1.1	14	8.6	53	<.1	60.2	11	208	3.55	1.7	1	1.4	5.6	10	0.1	0.1	0.3	48	0.12	0.024	17	84.3	0.71	104	0.175	<1	2.32	0.009	0.28	0.4	0.05	3.3	0.2	<.05	7	<.5
L-30E 13+50N	1.2	11.8	9.4	54	0.1	43.1	8.8	183	4.61	2.1	1.1	1.2	5.6	8	0.1	0.1	0.4	65	0.08	0.025	17	90.2	0.62	92	0.21	<1	2.07	0.008	0.22	0.5	0.05	3.1	0.2	<.05	10	<.5
L-30E 13N	1.5	40.4	10.1	48	0.3	78.6	16.8	321	3.23	1.5	2.7	0.6	1.4	16	0.3	0.1	0.6	40	0.13	0.048	33	60.6	0.43	105	0.112	<1	2.32	0.01	0.21	0.9	0.09	2.2	0.2	<.05	8	<.5
L-30E 12+50N	0.9	52	9.9	41	0.3	84.1	13.8	306	3.06	1.7	2.4	0.9	1.2	17	0.3	0.1	0.5	35	0.16	0.044	22	51.7	0.41	83	0.093	<1	2.23	0.01	0.18	0.5	0.07	2	0.2	<.05	7	<.5
RE L-30E 12+50N	1.2	50.6	9.9	43	0.2	84.3	13.2	304	3.09	1.6	2.5	0.5	1.2	17	0.2	0.1	0.5	33	0.17	0.044	22	52.3	0.41	83	0.093	<1	2.25	0.011	0.18	0.5	0.07	2.2	0.2	<.05	7	0.5
L-30E 12N	0.7	15.8	6.8	46	0.1	57.1	8.2	182	2.98	1.6	0.9	<.5	1.5	16	0.2	0.1	0.3	30	0.2	0.032	12	44.6	0.45	59	0.092	<1	1.23	0.007	0.12	0.9	0.03	1.8	0.1	<.05	6	0.5
L-30E 11+50N	0.6	20.4	5.3	42	0.1	113.8	15	238	2.79	1.7	0.9	<.5	2.6	12	0.1	0.1	0.5	34	0.14	0.03	14	46.7	1.04	77	0.114	<1	1.27	0.008	0.26	2.4	0.03	2.5	0.2	<.05	6	<.5
L-30E 11N	0.6	24.5	5.7	64	<.1	76	11.4	218	2.98	1.3	1.3	1.3	3.6	9	0.1	<.1	0.4	35	0.09	0.023	21	63.4	0.71	82	0.143	<1	1.95	0.01	0.33	1.1	0.03	3	0.2	<.05	7	<.5
L-30E 10+50N	0.5	18.8	5	47	0.1	149.9	15.2	234	2.69	1.1	1.2	2.3	4.2	8	<.1	<.1	0.2	29	0.09	0.018	19	68.1	1.51	92	0.117	1	1.66	0.012	0.39	0.3	0.01	2.7	0.3	<.05	5	<.5
L-30E 10N	1.2	25.7	5.8	76	0.1	76.4	17.1	221	4.18	1.7	1.1	0.8	2.3	15	0.1	<.1	0.4	47	0.15	0.037	15	67	0.73	104	0.158	<1	1.68	0.007	0.25	0.6	0.04	2.6	0.2	<.05	8	<.5
L-30E 9+50N	1.4	17.3	7.9	40	0.1	67.2	12.3	181	3.94	2.3	0.8	0.8	3.4	9	0.2	0.1	0.4	58	0.13	0.028	16	68.2	0.59	65	0.153	<1	1.35	0.006	0.1	0.7	0.03	2.2	0.1	<.05	11	<.5
L-30E 9N	2.4	22	9.9	91	0.1	38.2	11	296	5.2	2.1	1	1	5.5	8	0.2	0.1	1.5	61	0.08	0.058	16	64.5	0.68	116	0.227	<1	2.42	0.007	0.23	0.4	0.05	3.2	0.2	<.05	11	<.5
L-30E 8+50N	1	21.1	7	29	0.2	88.1	11.1	161	2.35	1.2	1.1	0.5	2.2	10	0.4	<.1	0.2	23	0.14	0.05	14	58.4	0.73	49	0.069	<1	2.34	0.009	0.13	0.4	0.06	3.2	0.2	<.05	4	0.6
L-30E 8N	2.1	10.2	17.8	63	0.1	20.8	6.3	319	4.04	2.2	0.9	1.7	3.5	11	0.2	0.1	0.5	78	0.11	0.07	14	48.9	0.43	75	0.227	<1	1.5	0.009	0.14	0.3	0.04	1.9	0.1	<.05	14	<.5
STANDARD DS6	12.1	122.8	30	149	0.3	24.5	11.1	700	2.88	21.5	6.5	45.6	2.9	37	5.8	3.3	4.9	58	0.82	0.079	14	190	0.59	168	0.077	15	1.86	0.072	0.15	3.4	0.24	3.5	1.7	<.05	6	4.8

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Standard Metals PROJECT FOX
Acme file # A5031628 Received: JUL 27 2005 * 21 samples in this disk file.
Analysis: GROUP 1F1 - 1.00 GM SAMPLE LEACHED WITH 6 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 20 ML, ANALYSED BY ICP/ES & MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
SAMPLES	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
L-26E 16+50N	2.67	9.92	9.73	35.7	54	50.8	10.9	181	1.74	1.1	1.5	0.2	3.1	13.8	0.15	0.09	0.43	35	0.19	0.016	12.9	70.1	0.39	72.6	0.155	1	1.51	0.014	0.15	38.1	2.2	0.18	0.03	<5	0.1	<.02		9
L-26E 16N	1.56	19.09	7.7	65	168	45.7	9.8	425	2.43	2.6	2.3	<.2	2.4	18.4	0.23	0.19	0.96	30	0.18	0.032	22.5	32.3	0.32	111.6	0.089	1	1.86	0.013	0.12	1.5	2.1	0.13	0.04	61	0.2	0.03		5.6
L-26E 15+50N	2.35	19.89	8.51	38.6	309	49.2	16.6	630	2	0.9	2.7	2.2	0.5	24.2	0.21	0.07	0.62	34	0.3	0.076	19.8	38.9	0.36	87.1	0.039	1	1.8	0.024	0.15	2.2	1.3	0.21	0.06	81	0.3	0.02		6
L-26E 15N	1.52	13.31	5.35	31.8	45	42	8.1	219	1.94	0.8	1.7	0.3	3.1	11.5	0.09	0.04	0.37	25	0.15	0.023	19.2	43	0.45	54.7	0.085	1	1.39	0.022	0.21	1.5	2.2	0.14	0.01	14	0.2	0.02		4.7
L-26E 14+50N	1.71	22.99	8.24	44.5	100	53.4	20.4	461	2.79	1.2	1.8	<.2	2.8	15.1	0.14	0.07	0.57	35	0.17	0.03	21.9	40.1	0.42	80.4	0.103	1	2	0.014	0.22	0.9	2.5	0.19	0.02	62	0.3	0.03		6.5
L-26E 14N	0.97	24.73	6.9	49.2	123	77.4	15.6	498	2.78	1.2	1.6	0.7	3.7	13.7	0.13	0.05	0.39	35	0.16	0.03	21.9	57.5	0.61	93	0.111	1	2.13	0.015	0.3	1	3	0.22	<.01	37	0.2	0.02		6.2
L-26E 13+50N	0.96	25.96	7.92	59.4	84	83.1	15.9	399	3.43	1.6	1.8	0.4	4.4	15.4	0.12	0.06	0.47	42	0.17	0.025	22.2	62.1	0.71	114.8	0.137	<1	2.54	0.011	0.37	1	3.4	0.26	<.01	33	0.2	0.04		7.6
L-28E 16N	2.47	15.24	4.34	15.5	387	8.6	3.1	196	1.25	0.4	6.9	<.2	0.4	14.6	0.1	0.04	0.16	26	0.24	0.063	13.2	12.1	0.11	32	0.042	<1	1.2	0.03	0.04	0.5	1	0.06	0.04	75	0.4	<.02		3.5
L-28E 15+50N	1.17	42.51	10.16	55	64	50.4	18.7	435	3.05	1.3	2.9	<.2	6.7	17.7	0.17	0.06	0.96	40	0.3	0.082	22.2	38.9	0.62	135.2	0.138	1	2.18	0.024	0.45	11.5	3.6	0.29	<.01	27	0.3	0.03		6.7
L-28E 15N	1.33	21.7	10.14	74.4	94	37.6	14.4	473	3.62	1.4	1.8	0.6	5.1	12.4	0.22	0.07	0.95	51	0.22	0.049	16.3	47	0.57	125.4	0.159	1	2.21	0.013	0.34	10.3	3.5	0.23	<.01	24	0.2	0.04		8.3
L-28E 14+50N	1.33	7.38	8.38	29.6	111	10.6	3	99	2.27	1.1	0.9	0.3	4.7	5.7	0.24	0.06	0.37	34	0.06	0.015	15.4	27.1	0.16	44.7	0.108	1	1	0.008	0.09	1.1	1.3	0.09	0.01	36	0.2	0.03		6.5
L-28E 14N	2.37	16.82	8.93	52.6	133	28.4	8	218	3.71	1.9	1.2	0.4	4.4	25.2	0.23	0.05	1.85	64	0.24	0.033	17.3	40.5	0.43	65	0.146	1	1.78	0.016	0.13	3.1	2.3	0.14	0.03	40	0.3	0.02		11.9
L-28E 13+50N	1.12	25.92	7.39	57.4	94	76.5	16.7	480	2.94	1.2	2	<.2	6.4	13.5	0.14	0.06	0.39	39	0.18	0.03	29.7	69.6	0.69	104.1	0.13	<1	2.17	0.021	0.37	0.8	3.4	0.27	<.01	26	0.2	0.02		6.5
L-29E 15+50N	1.51	30.92	8.3	50.5	57	62.4	19.6	270	3.75	1.3	3.5	0.5	4.3	12.3	0.18	0.05	0.65	45	0.18	0.037	26	59.5	0.61	140.3	0.137	<1	2.64	0.011	0.32	0.6	3.7	0.24	0.02	44	0.4	0.02		6.8
L-29E 15N	1.57	9.79	8.96	38.2	113	40.6	7.1	228	2.96	1.8	0.7	<.2	3.9	11.2	0.12	0.08	0.51	58	0.15	0.05	11.3	77.2	0.49	50.8	0.134	<1	1.42	0.027	0.12	1.8	2.2	0.09	0.02	34	0.2	0.03		10.1
L-29E 14+50N	1.21	27.15	7.97	52.2	60	81.6	11.8	227	2.99	1.6	1.7	2.1	4.9	7.5	0.07	0.04	0.45	35	0.15	0.038	19.3	67.8	0.75	96.4	0.114	1	2.34	0.012	0.34	1	3.2	0.24	<.01	48	0.3	<.02		6.2
L-29E 14N	1.95	20.4	11.95	78.7	112	68.7	21.5	600	4	1.8	1.4	<.2	4	16	0.19	0.07	0.66	57	0.13	0.036	17.1	79.7	0.81	120	0.171	1	2.69	0.012	0.34	0.7	3.5	0.23	<.01	86	0.2	<.02		10.4
L-29E 13+50N	0.44	12.39	5.38	30.9	33	96	12.4	174	2.23	1.1	0.9	0.2	4.7	5.6	0.12	0.05	0.22	26	0.14	0.038	15	54.9	0.76	71.2	0.089	1	1.66	0.011	0.16	0.5	2.4	0.12	0.01	21	0.2	<.02		4.1
L-29E 13N	0.88	26.21	7	53.1	89	112.8	19.5	412	2.82	1.4	1.9	<.2	4.5	13.3	0.16	0.05	0.45	29	0.16	0.033	23.6	56.2	0.73	80.3	0.084	<1	2.28	0.012	0.2	0.9	2.8	0.2	<.01	38	0.3	0.02		5.2
L-29E 12+50N	0.64	23.16	5.04	38.4	55	79.2	10.1	228	2.8	1	1.6	0.8	4.7	7.9	0.09	0.04	0.36	29	0.13	0.025	23.4	51.7	0.65	72	0.101	<1	1.87	0.012	0.25	0.4	2.7	0.19	0.02	30	0.2	0.03		5.4
STANDARD DS6	11.46	126.79	28.34	136.9	278	24.2	10.4	727	2.87	20.6	6.3	45.5	3.1	38.8	5.86	3.32	4.76	58	0.87	0.076	14.4	192.3	0.58	163.5	0.076	16	1.95	0.074	0.15	3	3.4	1.63	0.03	235	4.2	2.3		6

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)2
To Standard Metals PROJECT FOX
Acme file # A502386 Page 1 Received: JUN 2 2005 * 45 samples in this disk file.
Analysis: W GROUP 7PF - 0.25 GM SAMPLE, FUSION DIGESTION (Na2O2) TO
W* BY PHOSPHORIC ACID DIGESTION, ANALYSIS BY ICP.
- SAMPLE TYPE: ROCK R150

ELEMENT	W	W*
SAMPLES	%	%
E41501	<.01	0.01
E41502	<.01	0.01
E41503	1.28	1.16
E41504	0.01	0.01
E41505	0.15	0.17
E41506	<.01	0.01
E41507	<.01	<.01
E41508	0.51	0.52
E41509	2.94	2.92
E41510	0.54	0.59
E41511	2.00	2.07
E41512	0.11	0.12
E41513	3.03	3.16
E41514	2.10	2.32
E41515	2.13	2.31
E41516	1.40	1.33
E41517	0.40	0.38
E41518	0.02	0.02
E41596	0.01	<.01
E41597	0.73	0.73
E41598	0.02	0.02
E41599	0.09	0.10
E41600	0.34	0.29
D175551	<.01	<.01
D175552	0.02	0.02
D175553	0.58	0.56
D175554	0.09	0.12
D175555	<.01	0.01
D175556	1.55	1.60
D175557	1.72	1.85
D175558	2.32	2.26
D175559	0.96	1.01
D175560	0.75	0.76
B185301	<.01	<.01
B185302	0.05	0.05
B185303	<.01	<.01
B185304	0.04	0.05
B185305	0.01	0.02
B185306	1.01	0.98
B185307	0.01	0.01
B185308	0.24	0.22
BK-1 FOX/05	0.01	0.01
BK-2 FOX/05	<.01	<.01

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Standard Metals PROJECT FOX
Acme file # A502386R Page 1 Received: JUN 8 2005 * 45 samples in this disk file.
Analysis: 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 Pulp

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
E41501	150	134.6	37.1	35	6.2	15.1	6.1	656	1.6	0.9	6.4	7	11.8	109	0.4	0.3	71.5	11	6.63	2.138	28	27.4	0.34	28	0.047	<1	1.23	0.091	0.09	20	0.01	3.5	0.1	0.78	7	0.9
E41502	1.2	72.9	10.1	46	0.3	39.6	15.3	247	1.72	0.6	1.5	2.9	6.1	481	0.3	0.1	4.1	15	6.48	0.065	20	16.3	0.17	63	0.075	<1	6.04	0.455	0.04	32.2	<.01	0.9	<.1	0.75	18	0.6
E41503	1.6	46.5	4.8	393	0.2	8.3	5.1	1117	1.53	<.5	2.9	6.1	2.8	471	10.3	0.2	26.9	16	6.11	0.097	7	12.8	0.34	17	0.015	<1	6.71	0.558	0.02	>100	0.15	3	<.1	0.55	37	<.5
E41504	1	286	6.5	35	0.5	59.2	22.2	283	4.5	<.5	3.2	3.3	2.3	225	0.2	0.1	1	18	1.48	0.08	7	46.2	0.21	40	0.131	<1	1.42	0.135	0.03	20.5	0.01	1.5	<.1	2.62	5	1.1
E41505	0.5	133	6.3	84	0.4	65.8	29.7	775	3.8	0.7	0.3	4.2	0.4	446	1.5	0.1	7.8	13	5.35	0.117	3	23.2	0.25	20	0.135	4	4.28	0.416	0.03	>100	0.18	1.1	<.1	1.85	16	0.6
E41506	0.5	180.4	12	27	0.6	57.5	31.8	141	4.1	<.5	0.5	2.2	3.1	246	0.3	<.1	1.3	10	1.28	0.013	9	16.8	0.1	25	0.17	<1	1.69	0.242	0.03	7.6	0.01	1.6	<.1	2.13	5	1
E41507	0.6	88	3.4	31	0.3	46.8	13.3	541	2.68	<.5	0.5	2.7	2.1	138	0.1	<.1	4.5	21	1.1	0.066	8	39.3	0.37	30	0.175	<1	1.19	0.114	0.02	3.6	<.01	1.8	<.1	0.98	4	<.5
E41508	0.8	62.1	3.3	105	0.3	98.7	17	1102	3	1.1	1.5	18.9	6.1	229	1.4	0.1	45.5	23	2.57	0.136	22	68.3	0.83	158	0.175	<1	3.35	0.198	0.21	>100	0.62	1.6	0.2	0.58	19	<.5
E41509	3	70.6	4.9	659	0.3	18.1	8.5	565	1.78	0.6	1.2	3.5	3	516	18.1	<.1	15.6	5	5.8	0.036	10	7.3	0.13	23	0.021	1	5.75	0.688	0.03	>100	0.12	1.1	<.1	0.87	25	<.5
E41510	0.7	61	3	72	0.2	127	22.6	1279	2.96	1.6	0.8	6.3	3.3	270	0.2	0.1	10.5	29	3.59	0.131	12	91.5	1.12	52	0.2	<1	3.51	0.19	0.22	>100	0.73	2.1	0.3	0.61	18	<.5
E41511	4.4	89.9	7.1	232	0.8	16.9	9.7	894	2.39	0.7	2.8	63.3	4	534	5.4	0.1	145.9	11	7.04	0.069	12	12.6	0.25	32	0.025	3	8	0.849	0.04	>100	0.11	2.1	<.1	1.19	44	<.5
E41512	0.9	64.2	5.5	52	0.3	41.2	17.8	556	2.6	0.5	1	4	2	532	0.3	<.1	12.3	16	7.18	0.097	8	28.3	0.36	66	0.077	2	4.82	0.424	0.03	>100	0.13	1.9	<.1	0.96	16	<.5
E41513	4	54.3	3.5	1272	0.4	12.8	7.4	1883	1.71	<.5	1.6	6.1	3	484	33.2	<.1	47.4	19	6.41	0.035	10	11.1	0.27	67	0.012	<1	6.15	0.548	0.04	>100	0.1	2.5	<.1	0.64	33	<.5
E41514	2.3	39.1	4.4	716	0.8	33.7	6.7	2577	1.46	0.7	1.7	100.7	1.6	210	18.3	0.3	153.5	13	7.36	0.58	10	29.4	0.38	18	0.028	1	6.36	0.808	0.03	>100	0.74	2.1	<.1	0.45	55	<.5
E41515	1.8	73	4	2190	0.3	72.2	13.3	1009	2.11	0.8	1.3	15.2	3.1	239	56.7	0.1	34.4	12	5.28	0.136	13	37	0.3	15	0.091	2	5.19	0.596	0.02	>100	0.31	1.2	<.1	1.05	38	0.6
RE E41515	1.9	72.4	4.3	2171	0.4	73.8	13.5	999	2.11	0.6	1.4	11.8	3.3	266	58.6	0.1	38.7	12	5.24	0.148	13	40.2	0.29	16	0.097	3	5.24	0.676	0.02	>100	0.25	1.3	<.1	1.14	41	0.7
E41516	2	150.8	3	360	0.3	29.1	14.4	675	3.58	<.5	1.9	1	3.2	255	8.4	<.1	5.4	13	4.28	0.055	14	15.1	0.2	31	0.051	<1	3.71	0.384	0.02	>100	0.09	1.5	<.1	1.86	17	0.5
E41517	1.1	118.2	4	46	0.1	25.5	11.6	776	3.06	<.5	2.1	1.1	8.6	228	0.3	0.1	1.1	30	3.7	0.065	23	41.6	0.84	99	0.084	1	4	0.42	0.23	>100	0.1	4.2	0.3	1.54	19	0.8
E41518	2.3	103	4.6	54	0.2	22.8	7.1	541	2.56	0.5	4.1	3.2	12.7	254	0.2	<.1	3.9	34	3.11	0.074	38	49	0.67	140	0.148	1	4.54	0.441	0.28	>100	0.01	5.6	0.3	0.58	16	0.6
E41596	31.6	340	3.3	55	0.7	72	23.9	415	6.09	<.5	7.1	7.7	9.8	90	0.3	0.1	32.7	164	2.36	0.627	39	55.3	0.47	41	0.054	3	1.52	0.114	0.07	6.5	0.01	3	0.1	3.51	6	4.1
E41597	141.2	92.7	4.8	468	0.3	14.1	9.2	1214	2.13	<.5	3.1	3.2	10.2	345	11.5	0.1	3.8	19	3.59	0.084	34	20.4	0.4	21	0.106	2	3.29	0.363	0.07	>100	0.1	3.5	0.1	0.95	12	0.5
E41598	125.8	211	4.5	745	0.5	23.1	16	842	3.36	<.5	2.5	2.3	8.8	71	15.6	0.1	11.3	25	1.89	0.096	35	36.2	0.92	24	0.111	4	2.22	0.079	0.16	80.7	0.01	4.4	0.2	1.62	11	1.1
E41599	1152	175	6.6	151	0.4	28.1	17.3	961	3.51	0.5	2.8	7	10.2	297	1.6	0.1	13.3	39	2.66	0.08	35	42.4	0.85	64	0.077	1	4.65	0.333	0.16	>100	0.13	7.1	0.1	1.14	18	1.2
E41600	5	85.3	2.9	770	0.2	10.2	7.2	1195	1.79	0.6	2.1	3.9	7.3	259	18.4	0.1	3.2	14	4.16	0.287	20	14.4	0.41	28	0.048	2	3.06	0.271	0.1	>100	0.39	2.5	0.1	0.75	13	0.7
D175551	3.7	14.5	7.5	11	<.1	9.3	2	228	0.52	<.5	5.7	0.7	2.3	36	0.1	0.1	0.8	1	0.37	0.021	5	3.6	0.03	10	0.014	<1	0.48	0.038	0.08	20.8	<.01	0.5	0.1	<.05	2	<.5
D175552	1.5	53	5	26	0.1	27.3	10.6	257	1.74	0.6	1.1	1.6	3.4	479	0.3	0.1	4.8	18	5.92	0.055	12	13.4	0.17	25	0.075	1	4.46	0.255	0.06	>100	0.02	1.3	<.1	0.58	15	0.7
D175553	1.1	87.1	3.2	498	0.3	12	8.9	791	2.36	<.5	2.3	2	8.4	250	12.7	0.1	8.5	14	4.49	0.04	21	17	0.41	28	0.053	2	4.52	0.356	0.08	>100	0.04	2.9	0.1	1.05	21	0.5
D175554	4.7	68.5	6.7	41	0.2	28	9.3	408	2.22	<.5	1.4	1.5	5.8	607	0.5	<.1	3.1	12	5.9	0.064	17	16.7	0.19	27	0.067	1	6.23	0.41	0.04	>100	0.18	1.9	<.1	1.1	23	0.7
D175555	0.3	7.8	4.4	18	0.1	3.4	1.2	85	0.43	<.5	13.2	2.1	4.4	42	0.2	<.1	2.1	1	0.5	0.048	7	2.6	0.11	15	0.02	2	0.63	0.102	0.06	58.8	<.01	0.8	<.1	<.05	2	<.5
D175556	2.1	39.5	5.2	99	0.2	88.2	14.4	727	1.67	0.7	1.4	9.4	2.3	479	1.8	0.1	12.7	5	6.99	0.277	9	20.1	0.16	31	0.108	7	6.4	0.477	0.04	>100	0.48	0.8	<.1	0.5	44	0.5
D175557	1.9	64.9	3.8	1188	0.3	83.4	17.9	1100	2.37	<.5	1.3	5.3	4.1	373	32.4	<.1	29.3	13	5.57	0.114	15	28.7	0.19	33	0.147	3	5.51	0.557	0.03	>100	0.14	1.1	<.1	0.97	36	0.7
D175558	1.9	72.5	2.9	221	0.3	60.7	14.5	1443	2.66	0.7	1.5	6.7	3.5	300	6.5	<.1	31.3	24	5.15	0.156	13	62.1	0.7	29	0.091	2	6.2	0.621	0.03	>100	0.21	2.8	<.1	0.5	50	0.6
D175559	2	89.1	4.3	32	0.2	40.6	10.7	1001	2.58	0.6	1.4	1.5	2.2	353	0.2	0.1	7.5	25	8.59	0.05	10	32.7	0.39	43	0.079	3	>10	0.798	0.03	>100	0.02	2.9	<.1	1.13	71	0.7
D175560	1	48.2	2.1	36	0.1	125.6	18.7	869	2	1.2	0.8	6.1	2.3	358	0.1	0.1	8.6	17	3.13	0.138	9	65	0.53	43	0.236	<1	3.02	0.199	0.1	>100	0.62	1.1	0.1	0.56	17	<.5
STANDAR	11.4	123.6	29.7	149	0.3	24.9	11	707	2.86	20.3	6.9	42.9	3.1	41	6.1	3.4	5.2	55	0.88	0.074	16	184.1	0.57	163	0.084	17	1.89	0.077	0.16	4.1	0.21	3.4	1.8	<.05	6	4.4
B185301	4.6	407.8	1.7	48	0.8	58.8	13.8	2376	7.23	<.5	2.1	<.5	3.4	83	0.9	0.1	1	40	1.09	0.367	24	22.3	0.25	39	0.038	2	0.75	0.009	0.06	13.9	0.02	1.1	0.1	3.68	2	6.6
B185302	24.8	57.3	3.8	33	0.1	18.6	5.9	262	1.6	0.6	1.5	<.5	10.2	306	0.3	<.1	2.7	16	4.07	0.205	22	27.5	0.22	47	0.065	3	3.89	0.198	0.05	>100	0.03	1.7	<.1	0.27	13	<.5
B185303	205.8	4.5	10.3	6	0.3	1.1	0.4	91	0.38	0.6	7.1	16.7	1.9	6	<.1	0.3	175.4	1	0.04	0.011	1	7.9	<.01	16	0.001	1	0.2	0.04	0.12	9.8	0.01	0.2	<.1	<.05	1	<.5
B185304	3.1	75.4	6.7	38	0.1	16.4	5.5	351	1.07	0.8	1.3	<.5	7.1	355	0.2	0.1	2.8	13	4.51	0.067	17	20.1	0.14	42	0.046	2	3.39	0.274	0.05	>100	0.01	1.9	<.1	0.11	11	<.5
B185305	7.9	165.7	10.2	53	0.2	43.8	21.5	362	2.8	<.5	1.8	<.5	10	292	0.5	<.1	2.8	33	4.12	0.038	26	41.6	0.45	61	0.072	2	4.6	0.145	0.12	>100	0.02	3.6	0.1	0.83	13	1.1
B185306	3.4	31	2.1	33	0.1	16.4	7.7	365	1.4	0.6	2.9	<.5	4.1	313	0.5	0.2	3.8	28	6.5	0.06	11	29.6	0.25	23	0.084	2	3.55	0.155	0.03	>100	0.05	2.1	<.1	0.15	16	0.5
B185307	16.3	7.4	1.7	3	<.1	1.6	0.6	145	0.36	0.6	3.2	0.8	0.4	4	<.1	<.1	3.3	1	0.06	0.006	<1	6.9	0.02	5	0.002	<1	0.14	0.04	0.01	59.9	0.01	0.3	<.1	<.05	1	<.5
B185308	2.2	222	3.8	37	0.2	27.9	10.1	224	2.45	<.5	1.1	<.5	8.1	374	0.2	<.1	2.1	20	3.7	0.033	20	34.3	0.34	33	0.047	2	4.65	0.293	0.03	>100	0.07	3.1	<.1	0.92	14	0.8
BK-1 FOX	2.3	144.4	15.5	59	0.3	34.9	13.4	495	3.14	<.5	1.6	1.2	8	346	0.3	<.1	5.3	40	4.82	0.153	20	43.4	0.68	119	0.121	4	5.65	0.143	0.43	30.8	<.01	4.3	0.3	0.84	16	0.6
BK-2 FOX	0.8	110.1	36.7	62	0.2	57.7	25.4	716	4.49	<.5	3.8	<.5	21.2	249	0.2	<.1	0.7	83	6.55	0.133	68	90.9	1.12	94	0.066	7	8.34	0.356	0.31	2.8	0.01	8	0.2	1.88	25	1.5
STANDAR	11	119.4	27.5	144	0.3	23.9	10.3	684	2.74	21.3	6.2	46.8	2.7	40	5.7	3.2	4.9	53	0.82	0.075	13	183.1	0.56	159	0.076	16	1.83	0.072	0.15	4	0.22	3.1	1.7	<.05	6	4.2

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Standard Metals PROJECT FOX
Acme file # A5031628 Received: JUL 27 2005 * 21 samples in this disk file.
Analysis: GROUP 1F1 - 1.00 GM SAMPLE LEACHED WITH 6 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 20 ML, ANALYSED BY ICP/ES & MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
SAMPLES	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
L-26E 16+50N	2.67	9.92	9.73	35.7	54	50.8	10.9	181	1.74	1.1	1.5	0.2	3.1	13.8	0.15	0.09	0.43	35	0.19	0.016	12.9	70.1	0.39	72.6	0.155	1	1.51	0.014	0.15	38.1	2.2	0.18	0.03	<5	0.1	<.02		9
L-26E 16N	1.56	19.09	7.7	65	168	45.7	9.8	425	2.43	2.6	2.3	<.2	2.4	18.4	0.23	0.19	0.96	30	0.18	0.032	22.5	32.3	0.32	111.6	0.089	1	1.86	0.013	0.12	1.5	2.1	0.13	0.04	61	0.2	0.03		5.6
L-26E 15+50N	2.35	19.89	8.51	38.6	309	49.2	16.6	630	2	0.9	2.7	2.2	0.5	24.2	0.21	0.07	0.62	34	0.3	0.076	19.8	38.9	0.36	87.1	0.039	1	1.8	0.024	0.15	2.2	1.3	0.21	0.06	81	0.3	0.02		6
L-26E 15N	1.52	13.31	5.35	31.8	45	42	8.1	219	1.94	0.8	1.7	0.3	3.1	11.5	0.09	0.04	0.37	25	0.15	0.023	19.2	43	0.45	54.7	0.085	1	1.39	0.022	0.21	1.5	2.2	0.14	0.01	14	0.2	0.02		4.7
L-26E 14+50N	1.71	22.99	8.24	44.5	100	53.4	20.4	461	2.79	1.2	1.8	<.2	2.8	15.1	0.14	0.07	0.57	35	0.17	0.03	21.9	40.1	0.42	80.4	0.103	1	2	0.014	0.22	0.9	2.5	0.19	0.02	62	0.3	0.03		6.5
L-26E 14N	0.97	24.73	6.9	49.2	123	77.4	15.6	498	2.78	1.2	1.6	0.7	3.7	13.7	0.13	0.05	0.39	35	0.16	0.03	21.9	57.5	0.61	93	0.111	1	2.13	0.015	0.3	1	3	0.22	<.01	37	0.2	0.02		6.2
L-26E 13+50N	0.96	25.96	7.92	59.4	84	83.1	15.9	399	3.43	1.6	1.8	0.4	4.4	15.4	0.12	0.06	0.47	42	0.17	0.025	22.2	62.1	0.71	114.8	0.137	<1	2.54	0.011	0.37	1	3.4	0.26	<.01	33	0.2	0.04		7.6
L-28E 16N	2.47	15.24	4.34	15.5	387	8.6	3.1	196	1.25	0.4	6.9	<.2	0.4	14.6	0.1	0.04	0.16	26	0.24	0.063	13.2	12.1	0.11	32	0.042	<1	1.2	0.03	0.04	0.5	1	0.06	0.04	75	0.4	<.02		3.5
L-28E 15+50N	1.17	42.51	10.16	55	64	50.4	18.7	435	3.05	1.3	2.9	<.2	6.7	17.7	0.17	0.06	0.96	40	0.3	0.082	22.2	38.9	0.62	135.2	0.138	1	2.18	0.024	0.45	11.5	3.6	0.29	<.01	27	0.3	0.03		6.7
L-28E 15N	1.33	21.7	10.14	74.4	94	37.6	14.4	473	3.62	1.4	1.8	0.6	5.1	12.4	0.22	0.07	0.95	51	0.22	0.049	16.3	47	0.57	125.4	0.159	1	2.21	0.013	0.34	10.3	3.5	0.23	<.01	24	0.2	0.04		8.3
L-28E 14+50N	1.33	7.38	8.38	29.6	111	10.6	3	99	2.27	1.1	0.9	0.3	4.7	5.7	0.24	0.06	0.37	34	0.06	0.015	15.4	27.1	0.16	44.7	0.108	1	1	0.008	0.09	1.1	1.3	0.09	0.01	36	0.2	0.03		6.5
L-28E 14N	2.37	16.82	8.93	52.6	133	28.4	8	218	3.71	1.9	1.2	0.4	4.4	25.2	0.23	0.05	1.85	64	0.24	0.033	17.3	40.5	0.43	65	0.146	1	1.78	0.016	0.13	3.1	2.3	0.14	0.03	40	0.3	0.02		11.9
L-28E 13+50N	1.12	25.92	7.39	57.4	94	76.5	16.7	480	2.94	1.2	2	<.2	6.4	13.5	0.14	0.06	0.39	39	0.18	0.03	29.7	69.6	0.69	104.1	0.13	<1	2.17	0.021	0.37	0.8	3.4	0.27	<.01	26	0.2	0.02		6.5
L-29E 15+50N	1.51	30.92	8.3	50.5	57	62.4	19.6	270	3.75	1.3	3.5	0.5	4.3	12.3	0.18	0.05	0.65	45	0.18	0.037	26	59.5	0.61	140.3	0.137	<1	2.64	0.011	0.32	0.6	3.7	0.24	0.02	44	0.4	0.02		6.8
L-29E 15N	1.57	9.79	8.96	38.2	113	40.6	7.1	228	2.96	1.8	0.7	<.2	3.9	11.2	0.12	0.08	0.51	58	0.15	0.05	11.3	77.2	0.49	50.8	0.134	<1	1.42	0.027	0.12	1.8	2.2	0.09	0.02	34	0.2	0.03		10.1
L-29E 14+50N	1.21	27.15	7.97	52.2	60	81.6	11.8	227	2.99	1.6	1.7	2.1	4.9	7.5	0.07	0.04	0.45	35	0.15	0.038	19.3	67.8	0.75	96.4	0.114	1	2.34	0.012	0.34	1	3.2	0.24	<.01	48	0.3	<.02		6.2
L-29E 14N	1.95	20.4	11.95	78.7	112	68.7	21.5	600	4	1.8	1.4	<.2	4	16	0.19	0.07	0.66	57	0.13	0.036	17.1	79.7	0.81	120	0.171	1	2.69	0.012	0.34	0.7	3.5	0.23	<.01	86	0.2	<.02		10.4
L-29E 13+50N	0.44	12.39	5.38	30.9	33	96	12.4	174	2.23	1.1	0.9	0.2	4.7	5.6	0.12	0.05	0.22	26	0.14	0.038	15	54.9	0.76	71.2	0.089	1	1.66	0.011	0.16	0.5	2.4	0.12	0.01	21	0.2	<.02		4.1
L-29E 13N	0.88	26.21	7	53.1	89	112.8	19.5	412	2.82	1.4	1.9	<.2	4.5	13.3	0.16	0.05	0.45	29	0.16	0.033	23.6	56.2	0.73	80.3	0.084	<1	2.28	0.012	0.2	0.9	2.8	0.2	<.01	38	0.3	0.02		5.2
L-29E 12+50N	0.64	23.16	5.04	38.4	55	79.2	10.1	228	2.8	1	1.6	0.8	4.7	7.9	0.09	0.04	0.36	29	0.13	0.025	23.4	51.7	0.65	72	0.101	<1	1.87	0.012	0.25	0.4	2.7	0.19	0.02	30	0.2	0.03		5.4
STANDARD DS6	11.46	126.79	28.34	136.9	278	24.2	10.4	727	2.87	20.6	6.3	45.5	3.1	38.8	5.86	3.32	4.76	58	0.87	0.076	14.4	192.3	0.58	163.5	0.076	16	1.95	0.074	0.15	3	3.4	1.63	0.03	235	4.2	2.3		6

Appendix 2- Petrographic Analysis of Moly zone skarn

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Sample: 00 DR4

LITHOLOGY: Semi-massive garnet-clinopyroxene (clinozoisite-epidote-calcite) skarn
ALTERATION TYPE: Clinopyroxene-epidote, calcite

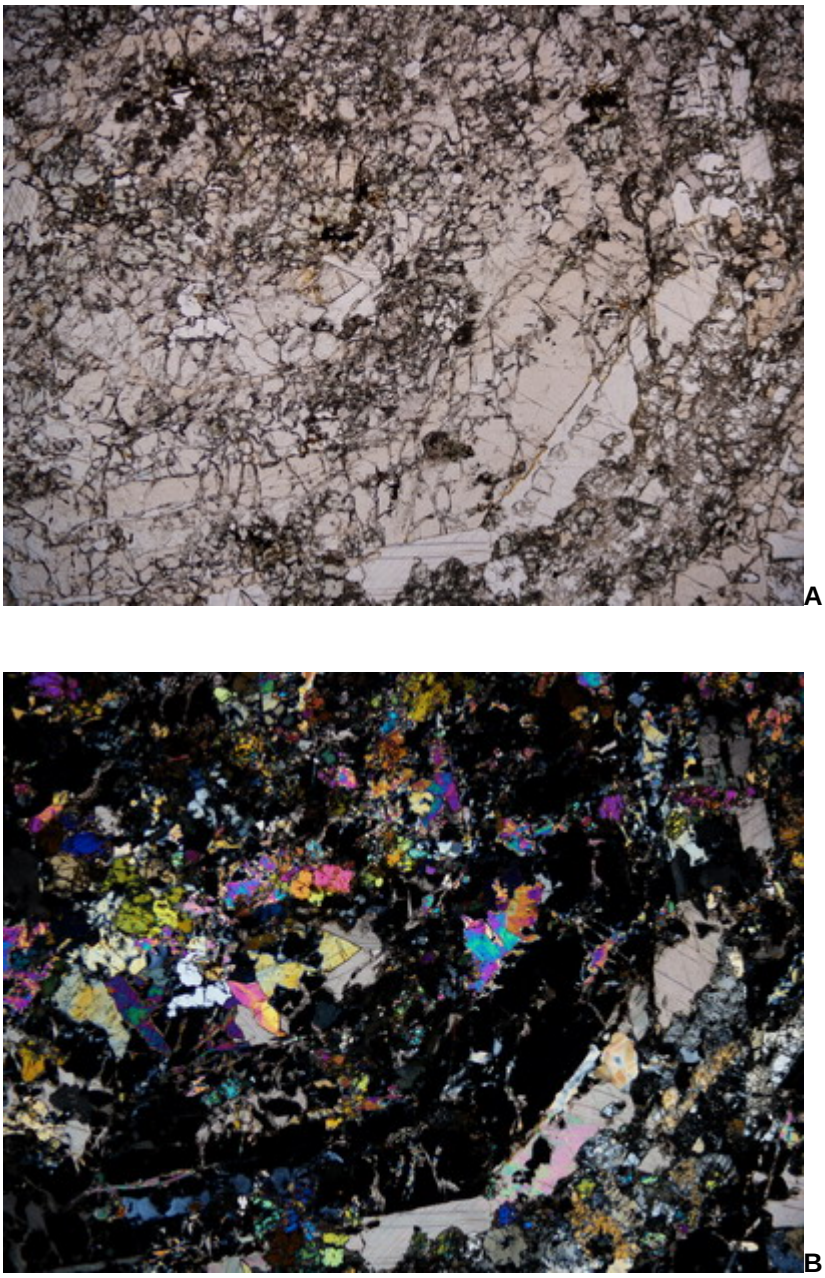
Hand Sample Description:
Massive red-brown garnet with interstitial patchy calcite (reaction to HCl) and fine green crystals adjacent finely crystalline granular rock with disseminated garnet. Very weakly magnetic. FOV = ~ 3 cm

Mineral	%	Distribution & Characteristics	Optical
Garnet	40	coarse-grained, massive, subhedral, broken and fractured, inclusions of clinopyroxene; also as fragments disseminated	
Clinozoisite - epidote	25	medium-grained, anhedral, interstitial to garnet; fine-grained, occurs with calcite as replacement of clinopyroxene	
Calcite	20	fine to medium-grained, anhedral masses, interstitial to garnet	
nopyroxene	10	Fine grains, typically fractured and altered by calcite, clinozoisite-epidote and rarely chlorite along grain boundaries and fractures	

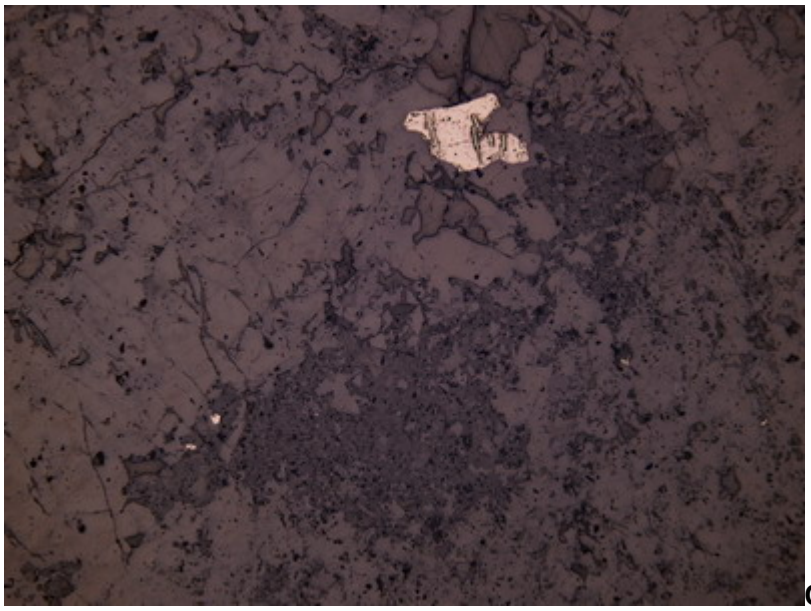
MINOR MINERALS

Mineral	%	Distribution & Characteristics	Optical
Quartz	02	fine-grained, anhedral, occurs with carbonate, interstitial to garnet	
esuvianite	02	fine-grained, high relief, subhedral, locally zoned grains	
Pyrrhotite	01	Fine anhedral grains, pitted, disseminated, larger grain replaced along fractures by marcasite, locally rims replaced by hematite	
alcopyrite	tr	very fine-grained, anhedral grain, partly replaced by hematite	
Chlorite	tr	very fine-grained, anhedral aggregates, replace clinopyroxene	
Molybdenite	tr	Fine-grained, platy, disseminated	
Marcasite	tr	very fine-grained, occurs as replacement of pyrrhotite	
matite	tr	very fine-grained, anhedral grains and aggregates, occurs disseminated as replacement of chalcopyrite and as fracture infill	*red-brown*

Thin Section Description:
This section is a semi-massive garnet-clinopyroxene skarn with interstitial clinozoisite-epidote and calcite and minor quartz and ?vesuvianite. Garnet is coarse grained with fine-grained inclusions of clinopyroxene; garnet is typically broken and fractured. Clinopyroxene grains are highly fractured and typically partly replaced by calcite, clinozoisite-epidote and rarely chlorite. Clinozoisite-epidote occurs both as medium-grained, anhedral grains interstitial to garnet and as fine aggregates that replace clinopyroxene. Pyrrhotite occurs as minor disseminated grains, typically pitted, locally rimmed and replaced by hematite. One larger grain is replaced along fractures by marcasite. Trace chalcopyrite occurs disseminated and with pyrrhotite. Trace molybdenite occurs locally. Hematite occurs as replacement of pyrrhotite and chalcopyrite and as fracture infill.



00 DR4: Representative view showing partial coarse-grained garnet crystal with fine-grained clinopyroxene inclusions rimmed by calcite and filled with clinozoisite-epidote and quartz.
FOV = 8.5 mm, A) PPL, B) XPL

 C

00 DR4: C) Representative view showing rare disseminated pyrrhotite, FOV = 8.5 mm, RL