

REPORT ON GEOLOGICAL, GEOCHEMICAL, AND PROSPECTING SURVEYS

Conducted on the

DEB 1 TO DEB 80 CLAIMS

In The

GOLDEN MINING DIVISION

NTS: 82K14W, 82K15E, 82N2W, 82N3E

Latitude 51°00', Longitude 117°00'

Claims Owned and Operated by

FIRST NUCLEAR CORPORATION

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December 18, 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO

8733
part 1
OP 2

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PART 1

GENERAL INFORMATION, SUMMARY OF WORK DONE,
SUMMARY OF RESULTS, RECOMMENDATIONS

1.1 LOCATION, ACCESS, INFRASTRUCTURE, (FIG. 1 AND 2)

The Deb Claim group is situated in the Purcell Mountains of southeastern British Columbia, NTS 82K and 82N, Latitude 51° 00', Longitude 117° 00'.

The centre of the property is situated 25 kms. (16 miles) south of Golden and 30 kms. (19 miles) west of Parsons. Access to the property is by helicopter from Golden or by logging road from Parsons. Both towns are located on the east bank of the Columbia River.

Golden (population 3,500) is a major logging centre at the junction of the Trans-Canada Highway and Highway 95. The main line of the Canadian Pacific Railway links Golden to Vancouver (850 kms. 530 miles) and Calgary (220 kms., 140 miles). Golden is a permanent base for helicopters operated by Okanagan Helicopters Ltd.

Parsons (population ≈200) is a logging community on Highway 95. A spur branch of the Canadian Pacific Railway links Parsons to Golden (60 kms., 36 miles) and Kimberley (160 kms., 100 miles).

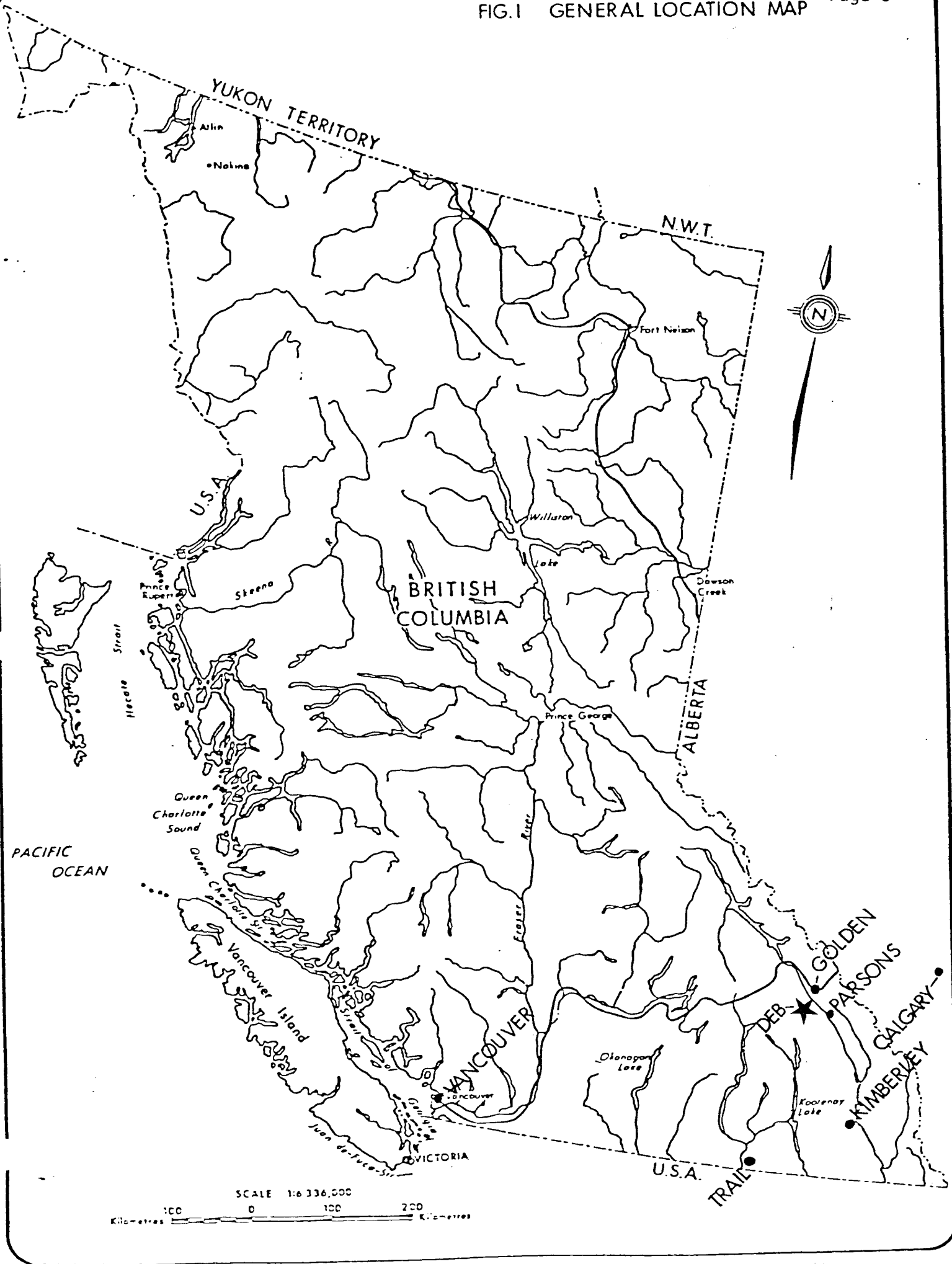
Ore from the Sullivan Mine near Kimberley is shipped 160 kms. (100 miles) southwest to the Cominco smelter at Trail.

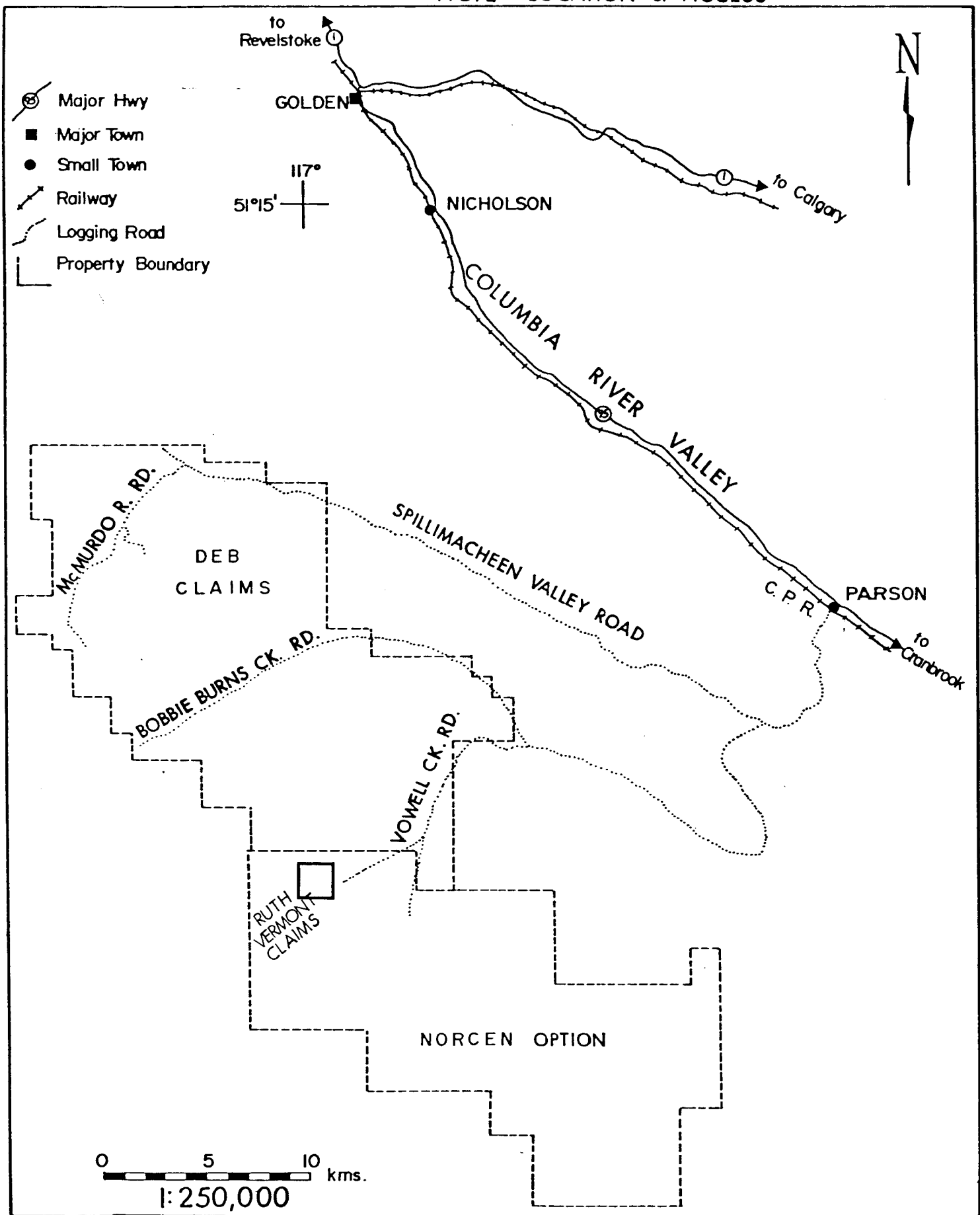
1.2 PHYSIOGRAPHY AND DRAINAGE (FIG. 3)*

The Deb property is situated in the Purcell Mountains, a northwesterly trending upland area bounded to the N.E. by the Columbia River and to the S.W. by Duncan and Beaver Rivers. The property occupies the watersheds of McMurdo, Bobbie Burns, and Malachite Creeks. These creeks flow northeasterly and eventually drain via the Spillimacheen River into the Columbia. The western perimeter of the property straddles the drainage divide between Duncan-Beaver Rivers and the Columbia River. The drainage pattern is asymmetric. Creeks flowing southwest from the drainage divide into Duncan - Beaver Rivers are shorter and more precipitous than the northeasterly flowing creeks. The asymmetric drainage pattern is due to alpine glaciation and reflects the greater efficiency of glacial erosion on north and east facing slopes. The overall morphology of the terrain is typical of an alpine glaciated area. Major creeks are U-shaped and are fed by tributary creeks with hanging valleys. Cirques are well developed on north and east facing slopes and glaciers occupy some of the cirque basins.

The terrain is rugged with maximum relief of 1,700 meters (5600'). The highest peak on the property is 2,900 meters (9600') A.S.L., but a general accord of summits at the 2,600 meter (8500')

*A topographic map, (Dwg. 2), of the property is included.





suggests that the area may have been a plateau prior to dissection by alpine glaciation and mass wasting.

Valleys and slopes to an elevation of 2,250 meters (7400') are thickly timbered with spruce, pine, fir and alder. Commercial stands of timber are presently being logged on the property by Crestwood Forest Industries.

1.3 CLIMATE

The climate of the area is moderate, and in the valleys the temperatures are not extreme. Annual precipitation is light in the Columbia River valley (Avg. 15", 38 cms) but increases to 50" (127 cms) in the Purcell mountains. The precipitation in the mountains occurs mainly as snow.

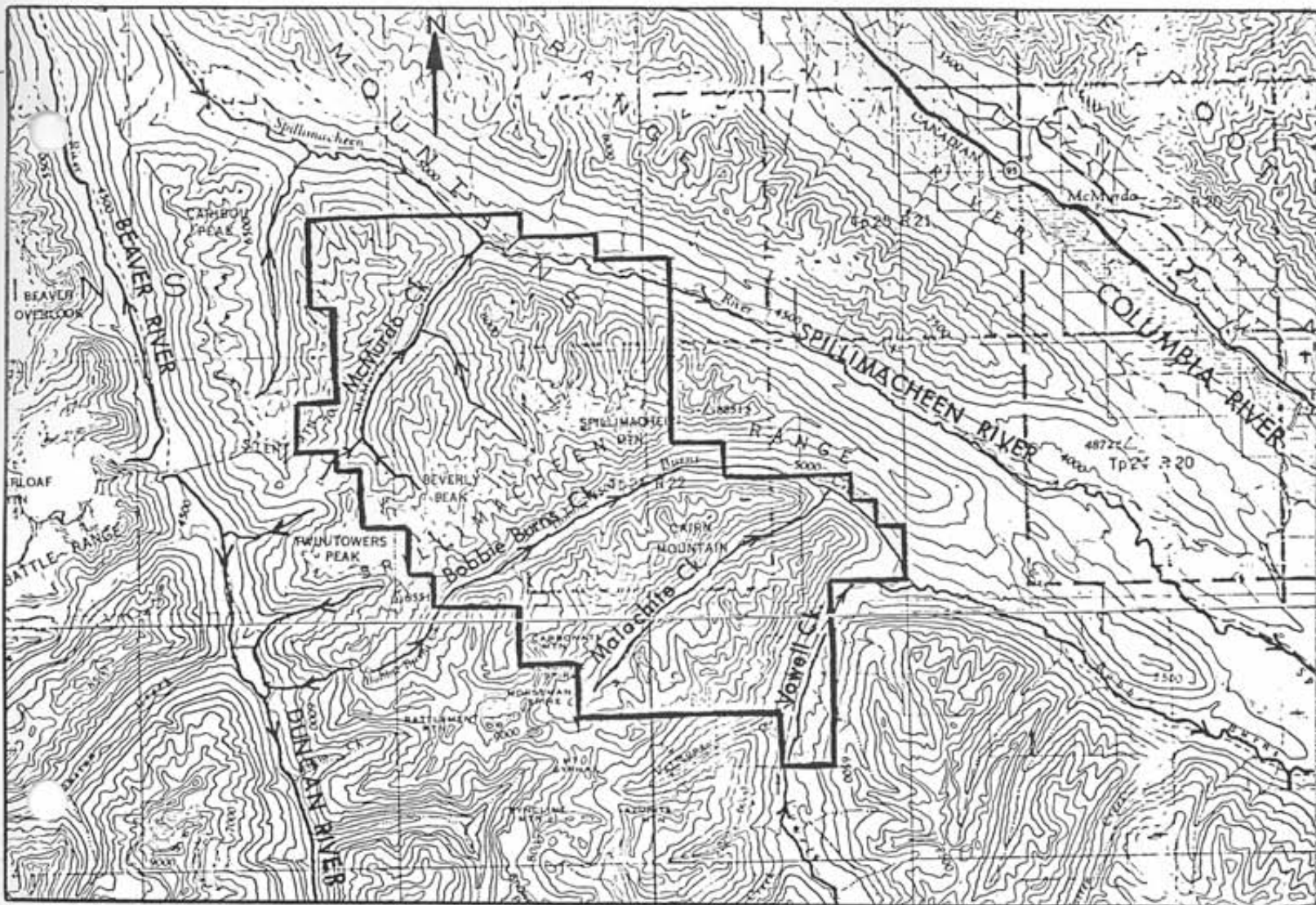
Field work on the property can commence in early June, although activities at this time must be confined to valley floors and lower south and east facing slopes. The higher reaches are generally accessible from July through September, although snowfall can be anticipated at any time. From the latter part of September through to November, work must be conducted at progressively lower altitudes as permanent snows encroach valleywards from the mountains.

1.4 GENERAL GEOLOGY, PREVIOUS GEOLOGICAL MAPPING, ECONOMIC GEOLOGY

The Purcell Mountains are largely underlain by metasedimentary rocks of the Purcell (Helikian) and Windermere (Hadrynian) systems. These Proterozoic strata were intruded by granitoid batholiths during the Columbian (Cretaceous) orogeny. Formations of the Proterozoic are given in Table 1, and a generalized geological map of the central Purcell Mountains is shown on Figure 4.

The sedimentary rocks of the Purcell system are uniformly fine grained and reflect shallow water deposition in a slowly subsiding but tectonically stable trough or basin. The Purcell strata are separated from the overlying Windermere strata by an unconformity. The sedimentary rocks of the Windermere system are predominantly clastic and reflect relatively rapid deposition in a near shore deltaic environment.

Cretaceous quartz monzonite batholiths intrude the Proterozoic strata and superimpose a contact metamorphic aureole on rocks already metamorphosed regionally to lower greenschist facies.



Although some deformation is recognized from earlier orogenies, those structures resulting from the Columbian orogeny are the most ubiquitous and intense. The Proterozoic strata were drawn into the broad, north-northwesterly trending Purcell anticlinorium. The Purcell anticlinorium is a fold belt dominated by open folds in competent strata and by more complex, tighter folds in less competent, thinner bedded successions. The average plunge of the folds is a few degrees north or south. Folds may be modified by local faulting.

Most of the properties in the vicinity of the Deb Claim group have been investigated for silver-lead-zinc, although a few copper prospects are found and a few quarries are operated, mainly for barite*.

The Deb property itself is entirely underlain by clastic rocks of the Horsethief Creek group, the upper formation of the Windermere System. The following references pertain to published geological reports and/or maps which include parts of the property area.

1. Mountjoy, E.W. et al
1979
McMurdo (west half), British Columbia Geological Survey of Canada Map 1502A (Geological Mapping at 1:50,000 scale, detailed only in Paleozoic outcrop areas, covers NTS 82N2 west).
2. Reesor, J.E.
1973
Geology of the Lardeau Map area, east-half, British Columbia, GSC Memoir 369. (Geological report and geological mapping at a 1:250,000 scale covering NTS area 82K east).
3. Wheeler, J.O.
1961
Rogers Pass Map-Area, British Columbia and Alberta, GSC Paper 62-32 (Geological report and geological mapping at a 1:250,000 scale covering the NTS 82N west).
4. Wheeler, J.O. et al
1978 (?)
GSC Open File 432. (Geological notes and geological mapping covering NTS 82K west).

*Ownership of all crown-granted properties within the Deb Claim group is documented in Appendix 3. Crown Grant claims are shown on Dwg. 1.

TABLE 1

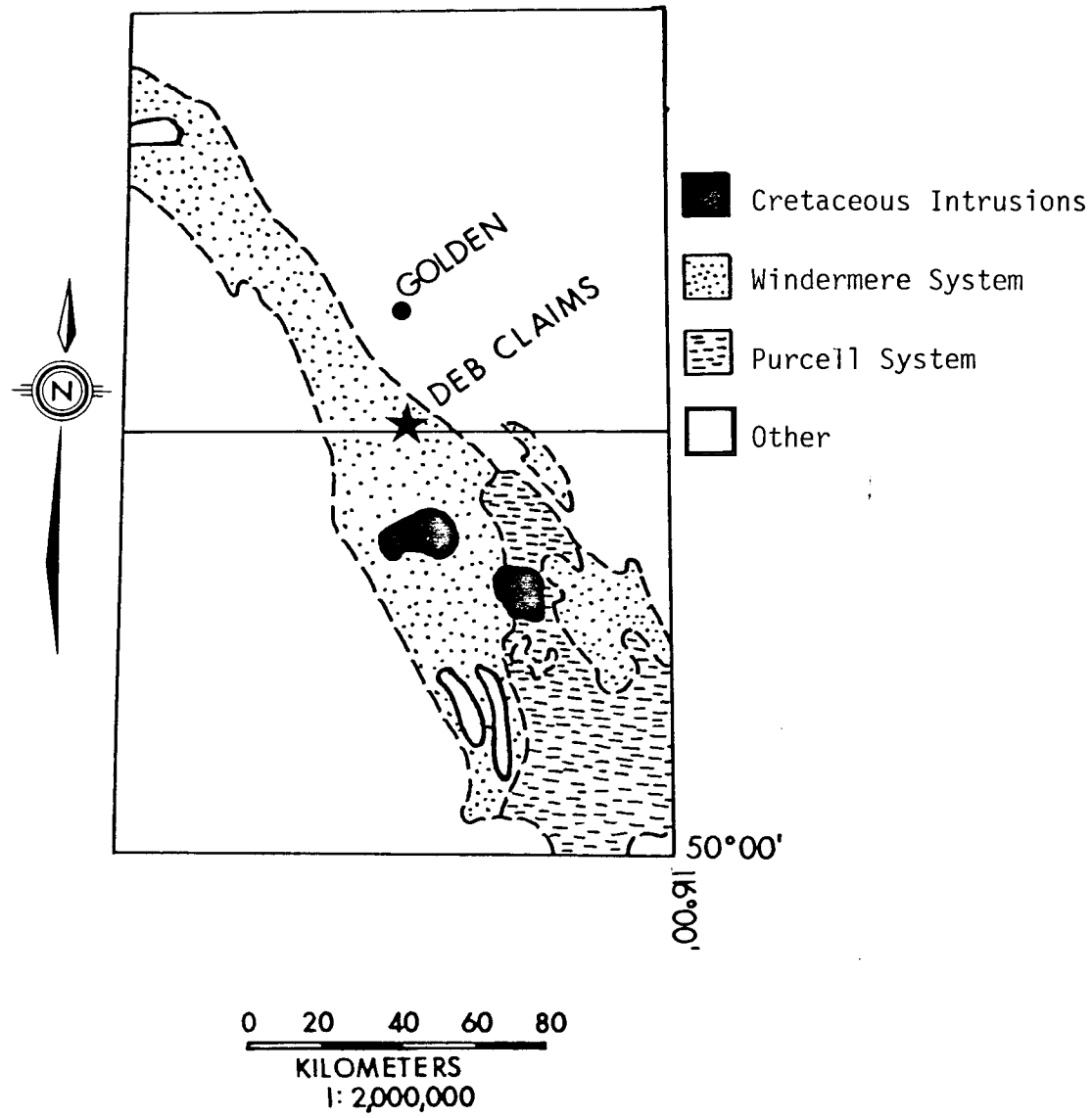
Table of Formations—Proterozoic

ERA	PERIOD OR EPOCH	GROUP OR FORMATION	LITHOLOGY	THICKNESS (feet)	
PROTEROZOIC	WINDERMERE (HADRYNIAN)	HORSETHIEF CREEK GROUP	Varicoloured slate, argillite, and phyllite; quartzite, grit, and quartz-pebble conglomerate; minor limestone	3,000 to 8,000	
		TOBY FORMATION	Polymictic conglomerate with pebbles, cobbles, and boulders of varied composition; matrix of impure limestone, shale, and quartzite	0-1,500	
	UNCONFORMITY				
	PURCELL (HELIKIAN)		MOYIE INTRUSIONS	Metadiorite and meta-quartz diorite sills	
			INTRUSIVE		
			MOUNT NELSON FORMATION	Buff and grey dolomite and dolomitic limestone, slate, argillite, quartzite	~4,000
			DUTCH CREEK FORMATION	Varicoloured argillite and slate, quartzite, and some carbonate rocks	±4,000
			KITCHENER-SIYEH FORMATION	Very thinly bedded quartzite, black argillite, and some dolomite, sandy dolomite, and limy argillite	6,500
			CRESTON FORMATION	Green chloritic quartzite, grey quartzite with purple laminae, green and grey phyllite and argillite	8,000
			ALDRIDGE FORMATION	Upper division: Sericitic quartzite, argillite, thin-laminated argillite and quartzite	~9,500
				Lower division: Fine-grained quartzite	unknown
		Base not exposed			

From: Reesor, 1973

Figure 4

REGIONAL GEOLOGY, CENTRAL PURCELL MOUNTAINS



1.5 PROPERTY DEFINITION

The Deb property consists of 1,180 units disposed in 80 claims covering approximately 275 square kilometers (105 sq. miles) of mountainous terrain (Fig. 5). The property is 100% owned by First Nuclear Corporation (FNC) and was staked during the period September 1979 to March 1980. Property data (record numbers, anniversary dates, etc.) are listed in Appendix 1.

(LAT. 51°, LONG. 117°, NTS 82K, 82N, GOLDEN MINING DIVISION)

Shale/carbonate hosted silver, lead, and zinc mineralization is the principle exploration target on the property.

1.6 REASONS FOR STAKING

In the spring of 1979, Cochrane Oil and Gas reported the discovery of carbonate-hosted mineralization at Crystal Creek (Fig 6). A hole drilled in 1977 was reported to have intersected 11 meters of stratabound sulfides and carbonates grading 5.5% combined Pb-Zn and 1.7 ounces Ag per ton (53 gms Ag/Tonne). Two other mineralized zones, each approximately 3 meters thick, were reported to have been encountered in the same hole. On the merit of this discovery, Cochrane staked an additional ±1000 claim units in the area. The claims were subsequently optioned to Norcen Energy Resources Ltd.

In the summer of 1979, J. Stewart and William Bale of FNC examined the Ruth Vermont Mine, a former Ag-Pb-Zn producer located along strike and adjacent to the discovery at Crystal Creek (Fig 6). The Ruth Vermont Mine is held under crown-granted claims by Ruth Vermont Mines Ltd. and is scheduled to resume operations in 1981.

The results of the examination by FNC personnel suggested that the so-called carbonate "replacement" ore which comprises the bulk of the Ruth Vermont's reserves was probably syngenetic in origin.

Recognizing the economic significance of the previously undocumented potential for shale/carbonate-hosted base metal mineralization in the region, further work was conducted in the autumn of 1979 to evaluate open ground to the north of Cochrane's claim group. This work consisted of a road-based soil and silt sampling program. Property acquisition was based on a linear trend of Pb and Zn geochemical anomalies that appeared to represent an extension of the Crystal Creek - Ruth Vermont trend.

FIG. 5

CLAIM MAP, DEB PROPERTY



116°55'
+
51°05'

0 1 2 3
kms.

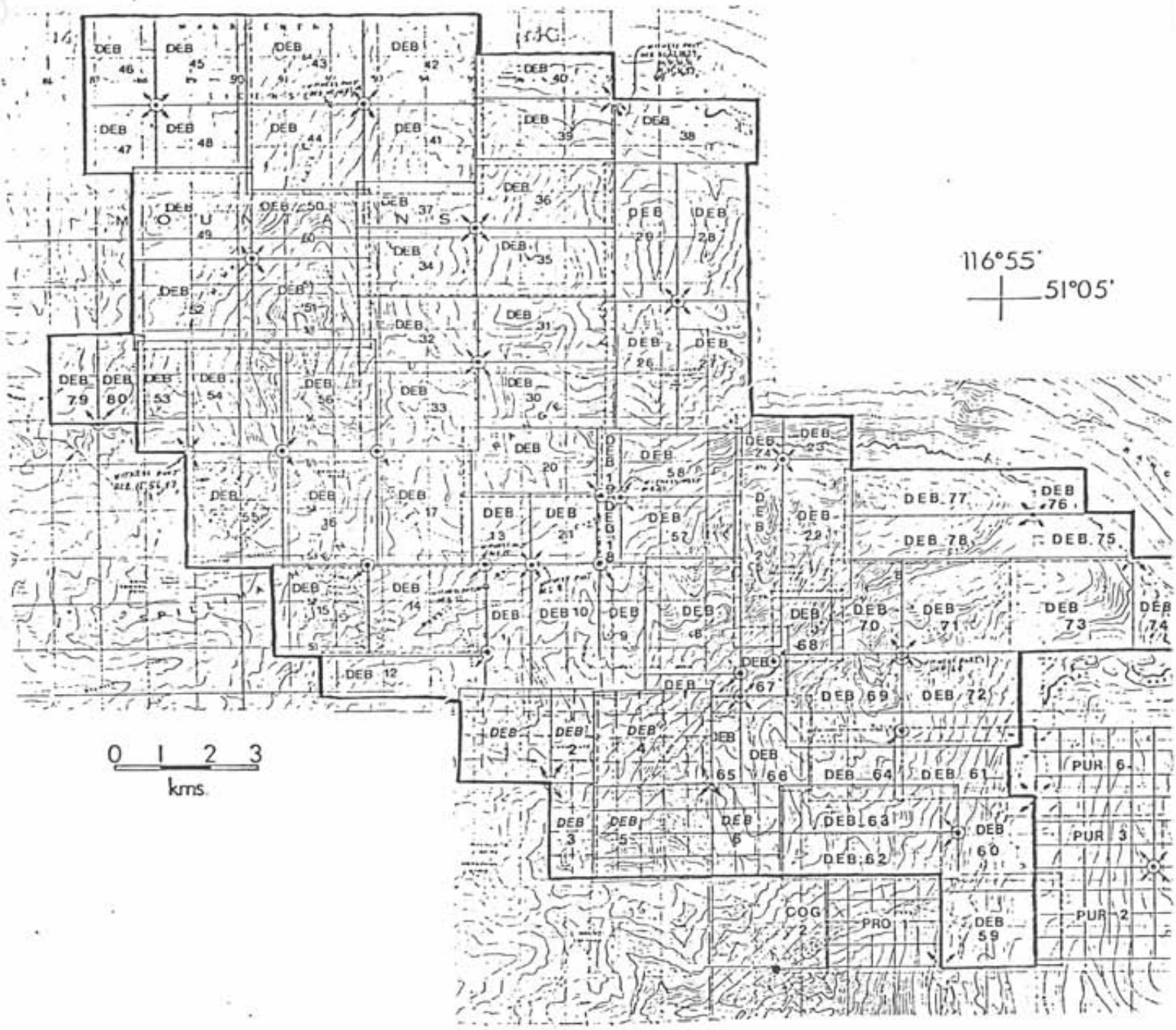
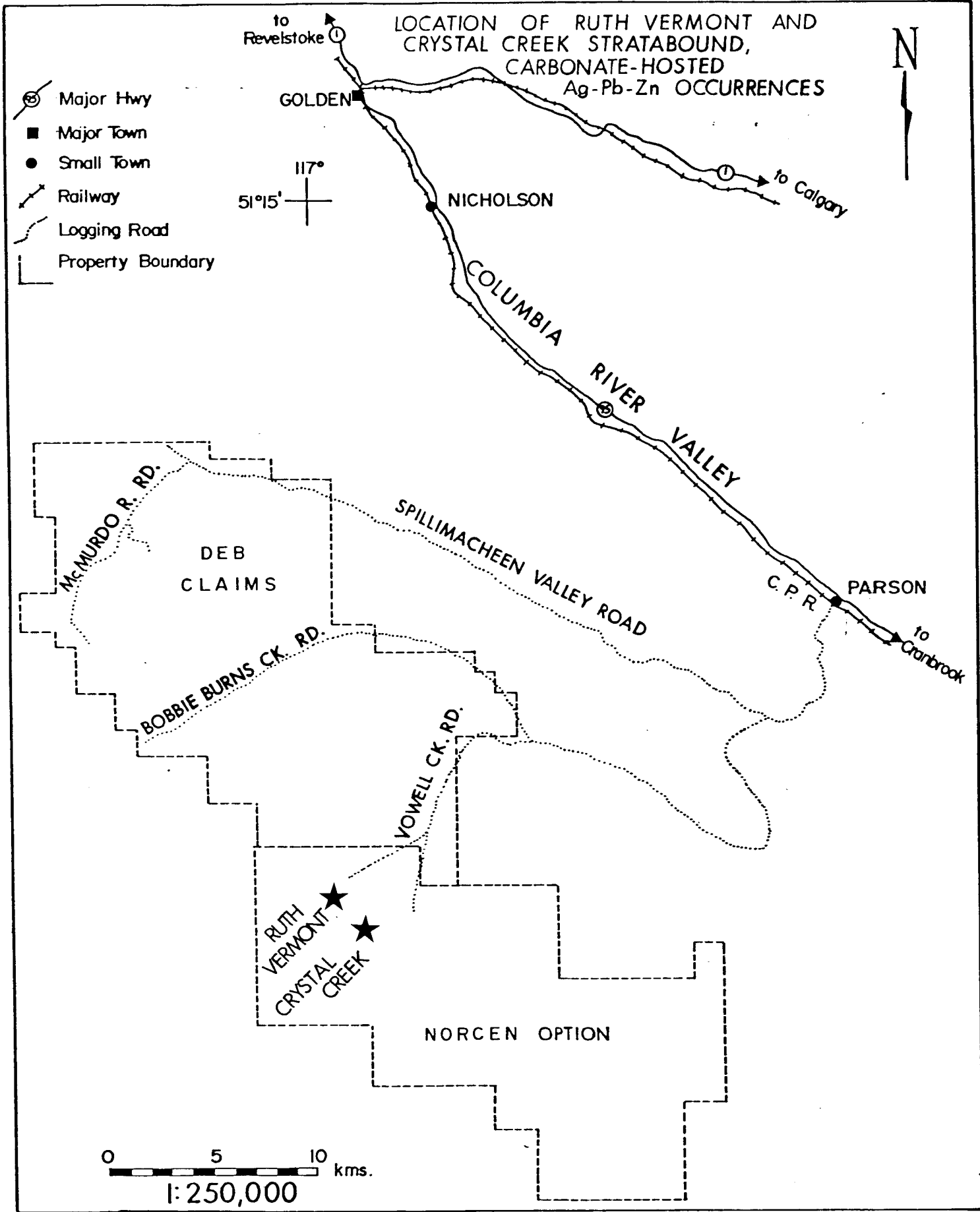


FIG. 6



1.7 SUMMARY OF WORK DONE

Reconnaissance work conducted on the property by an exploration crew of 10 persons* included geological mapping, prospecting, and multi-media geochemical sampling surveys. Work was carried out between May 15 and September 23, 1980.

The property was mapped at a 1:25,000 scale using airphotos and topographic maps for ground control. Mapping was restricted to areas of maximum exposure, i.e. cirques and valley floors.

Approximately 4 stream sediment samples and 4 rock samples were collected per square kilometer on the property (total ≈2200 samples). All samples were analyzed geochemically for copper, lead, and zinc. Analytical results are tabulated in Appendix 5.

Prospection carried out concomitant with the above surveys resulted in the discovery of 46 mineralized occurrences. These included 4 occurrences of Pb-Zn mineralization in carbonate (1 in outcrop), 6 occurrences of Cu mineralization in carbonate (4 in outcrop), 23 occurrences of Pb-Zn mineralization in quartz veins (5 in outcrop), and 13 occurrences of Cu mineralization in quartz veins (2 in outcrop). Over 200 mineralized rock samples were collected and analyzed for copper, lead, zinc, silver, and gold. Analytical results are tabulated in Appendix 5.

The base of operation for the summer program was a farm near Parsons. Trucks were leased to transport personnel to the property. Work in the valleys was road-based, but rendezvous with the Golden-based Okanagan Helicopter was arranged for transportation of personnel to less accessible parts of the property. Helicopter utilization for the summer is detailed in Appendix 4.

The purpose of the summer program was to provide blanket exploration coverage of the entire claim group in order to assess the economic potential primarily for shale/carbonate-hosted silver, lead, and zinc mineralization. Because of the large area to be covered and the seasonal constraint of exploration, little or no detailed follow-up work was conducted on the property.

*See Appendix 3, Project Personnel Data Sheet

1.8 SUMMARY OF GEOLOGY (DWG. 1)

The property is entirely underlain by fine-clastic and coarse clastic rocks of the Horsethief Creek group, the uppermost formation of the Hadrynian Windermere series. Coarse-clastic rocks include grit, quartz pebble conglomerate, and quartzite. Fine-clastic rocks include slate and minor argillite. Carbonate beds, normally 15 to 30 meters thick, are most commonly found in thicker sequences of black, pyritic slate. The total thickness of Horsethief Creek strata represented on the property is probably in excess of 2,000 meters (6600').

Graded beds, rip-clasts, ripple marks and paleochannels observed at various localities suggest a fluvial and probably deltaic origin for most of the rocks on the property. The preponderance of green and grey rock colours suggests very limited exposure to a subaerial environment.

A different environment is indicated for at least two thick sequences (>300 m, 1000') of slate on the property. The slate in these sequences is characteristically black and pyritic. Varvelike undisturbed beds are evidenced by sharp but often subtle colour variations. An offshore, basinal, euxenic environment of deposition is postulated for these rocks.

The principle structures on the property are a western anticlinorium, an east-central synclinorium, and an eastern high angle reverse or thrust fault. The anticlinorium and synclinorium are broad, open, north-northwesterly trending structures with amplitudes in excess of 3000 meters (10000'), although in detail their limbs are complicated by subsidiary folds and drag folds. The two thick sequences of slate previously mentioned are exposed in the core of the anticlinorium and in the core of the synclinorium. They represent respectively the oldest and youngest rock units mapped on the property. The bulk of the carbonate beds found on the property are intercalated within these two sequences.

Cleavage is well developed in most rocks on the property, ranging from paper-thin cleavage in slates to fracture cleavage in coarser grained assemblages. Bedding is evident as colour variations in fine-clastic sequences or compositional variations in coarse rocks. Both bedding and cleavage generally trend north-northwesterly.

Rocks on the property are metamorphosed to lower greenschist facies, although a general increase in metamorphic grade is evidenced by the appearance of phyllitic rocks in the north part of the claim group.

1.9 SUMMARY OF EXPLORATION RESULTS

1.9.1 Introduction

Exploration highlights are depicted on Dwg. 1 which shows the following information.

- a) Generalized geology and location of major structures.
- b) Location of all top 2½ percentile anomalies for Cu, Pb, and Zn in stream sediments.
- c) Location of all top 2½ percentile anomalies for Cu, Pb, and Zn in carbonate and slate.
- d) Location of all the important mineralized occurrences found on the property.
- e) Location of all crown granted claims within the Deb property boundary.

Locations are referenced by Easting and Northing based on the simplified version of the UTM grid shown on the Drawing. The information is shown on a drainage base map to give an impression of topography.

1.9.2 Evidence of Shale/Carbonate-hosted Stratabound Pb-Zn Mineralization

Drawing 2 immediately shows that the older slate belt exposed in the core of the anticlinorium is the most prospective target in which to further explore for stratabound Pb-Zn mineralization.

At the south end of the slate belt on the property, a train of top 2½ percentile Pb and Zn in sediment anomalies persists over a distance of 2 kilometers and is spatially associated with a number of carbonate-hosted occurrences and rock geochemical anomalies. In the area designated as Zone 1 (E:98.8, N:47.5), twelve visibly mineralized carbonate samples were collected within a strike interval of 500 meters. These contained from 0.33 to 8.5% combined Pb-Zn. Four of the samples analyzed for silver contained 0.38 to 1.43 ounces Ag/ton (11.9 to 44.7 gms Ag/tonne).

One mineralized outcrop was found in Zone 1. The exposure was 2.4 meters wide and contained a visibly mineralized horizon about 0.3 meters thick. A sample from this exposure containing 7.6% combined Pb-Zn was examined in thin section by Dr. Morton of the University of Alberta. The sample was identified as a "pyritic, silty, sericitic dolostone with very fine grained (10 to 100 micrometers) galena and

light brown sphalerite disseminated in the matrix". Although galena is readily identified in a hand sample, the sphalerite is almost impossible to spot against the grey colour of the host rock.

Another mineralized carbonate sample was found in float about 1 kilometer SE of Zone 1 (Showing A2). It contained 0.4% combined lead and zinc.

Indications of stratabound mineralization reappear at the north end of the slate belt. A carbonate float sample collected at E:86.8, N:57.8 (Showing A3) contained visible galena and was examined in thin section. Fine grained galena and sphalerite were observed to be concentrated at the contacts between thin beds of dolostone and limestone. At E:87.3, N:56.5, a carbonate sample containing 1,810 ppm Pb and 6,860 ppm Zn was collected from felsenmeer near a logging road. Another carbonate float sample containing 0.61% combined Pb-Zn was found at E:88.8, N:57.5.

It is interesting to note that the favorable slate belt, if extended southwards along strike, would intersect both the Crystal Creek occurrence and the Ruth Vermont Mine. Ore grade, carbonate-hosted, stratabound Ag-Pb-Zn mineralization has been found at both these localities. The Crystal Creek occurrence is presently being developed by Norcen Energy Resources Ltd. The Ruth Vermont Mine, after a hiatus of six years, is scheduled to resume production in 1981.

One carbonate-hosted occurrence of lead and zinc was found outside of the favourable slate belt. The occurrence is situated near the height of land close to the reverse or thrust fault at E:05.0, N:51.1 (Showing A4). Carbonate samples containing up to 1.3% combined Pb-Zn were found in float but could not be traced to outcrop. In thin section, a mineralized sample was identified as a fine-grained, ferroan to nonferroan dolostone. Galena and sphalerite are disseminated finely in the matrix and appear to be concentrated in iron-rich portions of the dolostone.

Three kms. north and along strike of the occurrence, a train of top 2½ percentile Pb-Zn in stream sediment anomalies drain from a forested depression marking the presumed trace of the fault on the opposite side of the valley. Partially because of the forest cover and partially because geochemical results were not then available, this area was not adequately prospected during the 1980 field season.

Although no occurrences of visibly mineralized carbonates were found in the younger slate belt exposed in the core of the synclinorium, interesting indications were found at the north end of the belt near E:89.0, N:64.0. These include.

- i) A coincident Cu-Pb-Zn anomaly in carbonate.

- ii) A zinc anomaly in carbonate.
- iii) Two adjacent Pb anomalies in stream sediments.

The economic potential indicated by the presence of stratabound Ag-Pb-Zn mineralization on the property can be estimated by considering the grades and tonnages of other lead-zinc deposits in similar geological environments worldwide. Table 2 lists 26 significant lead-zinc deposits of the shale-hosted type. On average, the deposits contain 64 million tonnes of ore grading 12% combined Pb-Zn and 57 gms. Ag/Tonne (1.8 oz Ag/ton).

1.9.3 Other Occurrences

Other mineral occurrences worthy of note were located on the property.

To the west of Zone 1 at E:98.3, N:47.2 (Showing C1), a steeply dipping, mineralized quartz vein appears to be continuous for a distance of 500 meters along strike. The vein, which pinches, swells, and bifurcates along strike, varies in thickness from a few centimeters to 1.6 meters. The vein consists of the assemblage quartz, pyrite, arsenopyrite, sphalerite and galena. Thirty-six samples of vein material were collected and analyzed for Cu, Pb, Zn, Ag and Au. Only two samples contained greater than 1% combined Pb-Zn. The highest lead value was 0.49% and the highest zinc value was 20%. Silver and gold values are not available.

Two very high grade float samples were found near the vein. One was a 30 kgm. boulder of 100% massive galena. It assayed 18.7 oz Ag/ton (584 gm/tonne). Another 3 kgm. boulder was found that contained 38% Pb, 6.4% Zn, and 17.5 oz. Ag/ton (547 gm/tonne).

Since the vein itself does not contain much lead, it is evident that these boulders originated from another, unlocated source.

A steeply dipping, chalcopryrite-bearing quartz vein was found near E:98.1, N:55.7 (Showing D2). The vein is well exposed in an upper and lower outcropping for a probable minimum strike length of 150 meters. The vein in the lower outcropping is two meters wide and is exposed in a stream bed. The best assay from 5 selected samples of high grade material was 1.16% Cu. About 150 meters upslope, the vein outcrops for 34 meters and varies in width from 0.6 to 3.0 meters. Six select samples contained 1.1 to 12.0% Cu.

Another chalcopryrite-bearing quartz vein, exposed for 50 meters and averaging 0.9 meters in width, was found at E:95.4, N:58.6 (Showing D1). An assay of 7% Cu, 0.4% Pb, and 0.4 oz Ag/ton (12 gm/tonne) was obtained on a select sample. Further assays are expected.

Geoff Dietrich
 Bureau of Mineral Resources 1973

TABLE 2 - SIGNIFICANT LEAD-ZINC DEPOSITS OF SHALE-HOSTED TYPE

Country and Deposit	Age of Host (m.y.B.P.)	Approximate Grade				Approx. Magnitude of Orebody Megatonnes	Surface Expression	Method Initial Discovery	Year of Discovery	Features
		% Pb	% Zn	% Cu	g/tonne Ag					
<u>NORTH AMERICA</u>										
Ilkwan, B.C.	1500-1200	5.8	5.5	-	70	170	Ore outcrop	Prospector	1892	Isolated
Corro, Yukon	Cambrian	3.7	5.6	0.3	35	65	Geochem. anomaly	Geophysics, geochemistry	1965	Isolated
Angorda, Yukon	Cambro- Ordovician	3.2	5.0	0.27	60	8.5	Geochem anomaly ore outcrop	Prospector, geophysics	1953	
Im, Yukon	Cambro- Ordovician	4.0	6.0	-	45	5	Geochem. anomaly	Geophysics	1964	Small Prospect
Sum, Yukon	Cambro- Ordovician	4.1	6.4	-	60	25	Gravity and geochem. anomaly	Geology, geophysics	1974	
W, Yukon	Upper Devonian	8.2	8.4	-	95	10	Mineralized barite outcrop	Prospector, geology	1951	Isolated
Ward's Pass, Yukon	Mid- Ordovician	2.0	8.0	-	-	200+	Leached outcrop	Geology, geochemistry	1972	Discovery of a deposit
Gold Dog, Alaska	Mississippian	4.0	8.0	-	50	35	Iron stained outcrop	Prospecting, geology	1973	Isolated
<u>AUSTRALIA</u>										
Wool Hill, N.S.W.	1900-1800	10.0	12.0	0.1	75	200+	Gossan outcrop	Prospector	1883	Isolated
Wool Hill, Queensland	1550-1400	7.0	5.0	-	150	(Pb-Zn)100 (Cu)200	Gossan outcrop	Prospector	1925	Small Prospect
Wool Hill, Queensland	1550-1400	7.7	9.6	-	180	40	No outcrop, pyritic gossan	Geology	1947	
Wool Hill, Qld.	1550-1400	5.6	17.0	-	100	10	No outcrop, pyritic gossan	Geochemistry	1969	Isolated
Wool Hill, Qld.	1550-1400	1.0	8.0	-	30	40	Gossan outcrop	Prospector	1981	Isolated

- 2 -

Country and Deposit	Age of Host (m.y.B.P.)	Approximate Grade				Approx. Magnitude of Orebody Megatonnes	Surface Expression	Method Initial Discovery	Year of Discovery	Status
		% Pb	% Zn	% Cu	g/tonne Ag					
McArthur R., N.T.	1600-1400	4.1	9.5	-	44	200+	Leached outcrop	Geology, geochemistry	1955	Isolated
Cobar, N.S.W.	Mid-late Silurian	0.8	2.2	2.0	25	30	Wind, near copper gossan	Geology	1971, 1950	Same Province
Elura, N.S.W.	Mid-late Silurian	5.8	8.4	-	135	30	No outcrop, leached	Geology, magnetics	1974	
<u>SOUTH AFRICA</u>										
Carletonville, C.P.	Proterozoic ?1900	0.5	7.0	-	-	150	Malartic-barite outcrops		1974	
Broken Hill, C.P.	Proterozoic ?1900	4.2	2.3	0.4	50	80			1974	Same Province
Black Mt., C.P.	Proterozoic ?1900	2.5	0.6	0.7	25	90			1974	
<u>EUROPE</u>										
Rammelsberg, Germany	Mid-Devonian	7.0	18.0	1.0	80	30	Gossan outcrop	Prospector	1668	Isolated
Moggen, Germany	Mid-Devonian	1.5	10.0	-	-	60	barite + gossan outcrop	Prospector	1800's	Isolated
<u>ASIA</u>										
Koushk, Iran	Lower Cambrian	19.0	7.0	-	-	10	Pb-Zn carbonate outcrop	Prospector	Ancient	Isolated
Rajpura-Dariba, India	Lower Proterozoic	2.0	7.0	-	65	25+	Massive gossan	Prospector	400 B.C.	Isolated
Zawar, India		1.5	4.5		4	65				Cluster of deposits
<u>USSR</u>										
Zhaires	Upper Devonian						Entirely covered	Magnetics	1951	Isolated
Filichal	Lower Jurassic						Outcrop			

Four occurrences of copper in limestone were found in outcrop on the property. Best assays were obtained from Showinb B1 at E:04,5, N:49.1. Eight spot samples collected from the occurrence contained from 0.04% to 1.70% Cu (average 0.57% Cu). The copper-bearing limestone bed is about 15 meters thick. Malachite was the only copper mineral identified, although very fine grained sulfides were observed in some samples.

1.10 RECOMMENDATIONS

The following work is proposed for the 1981 field season:

- a. Grid-based (1:1,000) geological mapping and rock sampling in the vicinity of Zone 1.
- b. Detailed (1:10,000) geological mapping and rock sampling of slate and carbonate units exposed in the core of the anticlinorium.
- c. Detailed soil sampling in areas of known potential that are covered by overburden.
- d. Detailed prospecting and rock sampling in the vicinity of other interesting occurrences not fully evaluated in the 1980 field season.
- e. Reconnaissance level (1:50,000) geological mapping and rock sampling in open ground to the west of the Deb Claim group. Land acquisition if necessary.
- f. (Contingent) test drilling in the vicinity of Zone 1 or other developed prospect.
- g. (Contingent) geophysical method testing and surveys in the vicinity of Zone 1 or other developed prospect.

1.11 COST STATEMENT

A total of \$166,395.29 was expended on exploration. A detailed cost statement is listed below

i. Wages:

A detailed account of wages paid to all project personnel will be found in Appendix 3.

Salary	\$63,916.53	
Benefits	1,865.53	
WCB (4%)	2,556.66	
Bonus	580.00	
		<u>\$68,918.72</u>

ii. Helicopter:

A detailed schedule of helicopter utilization will be found in Appendix 4. The hourly cost of \$411.40 includes fuel.

83.2 hours x \$411.40/hour		<u>34,228.48</u>
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iii. Laboratory:

1100 Cu-Pb-Zn in Sediment @ \$3.70 ea. =	\$4,070	
1300 Cu-Pb-Zn in Rock @ \$5.75 ea. =	7,475	
53 Au-Ag in Rock @ \$8.75 ea. =	463.75	<u>12,008.75</u>

iv. Vehicle Lease:

Three vehicles were leased for a 4 to 5 month term:

2 @ \$1200/mo. (4x4 winched suburban)		
1 @ \$500/mo (pickup)		
Lease and Mileage Cost	=	13,737.50
Repair Costs	=	2,822.96
		<u>16,560.46</u>

v. Sustenance:

988 man-days x \$13.00 man/day		<u>12,844.00</u>
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vi. Radio Lease:

4 VHF walkie-talkies @ \$92.50/mo. x 4½ mos. =	1,665	
2 mobile radios @ \$59.50/mo. x 4½ mos =	535.50	
4 Crystal sets @ \$21 ea. =	84.00	
8 Crystal sets @ \$25.00 ea. =	200.00	
Installation =	120.00	

PART 2

GEOLOGY

(DWG 3)

2.1 INTRODUCTION

Reconnaissance geological mapping of the property was conducted at a 1:25,000 scale using topographic maps and airphotos for ground control.

Outcrops on the forested slopes are extremely sparse. Consequently, most of the mapping work was concentrated in cirques or in the valleys of the major trunk streams.

2.2 HORSETHIEF CREEK GROUP

The property is entirely underlain by coarse-clastic and fine-clastic rocks of the Hadrynian "Horsethief Creek" group. The total thickness of Hadrynian strata exposed on the property is probably in excess of 2,000 meters. Five major map units were distinguished in the field.

Unit 1: Quartz pebble conglomerate
Unit 2: Grit
Unit 3: Quartzite
Unit 4: Carbonate
Unit 5: Slate

2.2.1 COARSE CLASTIC UNITS (Units 1, 2, & 3)

The coarse clastic units represent a continuum of transitional lithologies on the property. Based on increasing particle size or diminishing volume of matrix, grit becomes transitional to quartz pebble conglomerate or quartzite respectively. Consequently in many field situations, the decision to map an outcrop as (say) Unit 1 or Unit 2 was subjective. Moreover, in areas of good exposure it was frequently observed that the contacts between coarse-clastic units were gradational.

The coarse-clastic units on the property share the following characteristics:

- a) The units are hard, resistant, and usually massive. Where individual beds could be discerned (usually because slate interbeds were present), they were seldom thicker than 1 meter.
- b) Rock colours are predominantly grey-green to green.
- c) The particles (or pebbles) in the coarse-clastic units are predominantly quartz.

Unit 1: Quartz Pebble Conglomerate

Quartz pebbles are white, very well rounded, and comprise 10% to 50% of the rock by volume. Pebbles range in size up to four centimeters. Matrix comprises 10% to 60% and is usually hard.

Unit 2: Grit

The diameter of quartz particles is less than 4 mms. Particles do not appear to be rounded. Matrix ranges from about 15% to 60%. The matrix is often soft and probably contains substantial chlorite and/or sericite.

Unit 3: Quartzite

Similar to grit, but matrix is <15%.

2.2.2 FINE-CLASTIC UNITS

Fine-clastic units include slate, argillite, and carbonate. Argillite is not common on the property and has been grouped with slate on the geological map.

Unit 4: Carbonate

Carbonate units are extremely variable in colour, texture, and composition. Grey and black units examined in thin section are dolostone or ferroan dolostone. Buff coloured units examined in thin section are limestone. The former occur as beds, seldom more than 15 meters thick, in successions of black slate. The latter occurs in beds of similar thickness and appear to be restricted to coarse-clastic sequences. Textures range from granular to micritic.

Unit 5: Slate

Dominant colours are grey, black, and green. Slaty cleavage is generally well developed. Bedding laminations at intervals of several millimeters to a few centimeters are common. Euhedral pyrite is often present in amounts up to 10%.

2.3 METAMORPHISM AND STRUCTURE

In outcrop, rocks within the southern two-thirds of the property show little evidence of metamorphic recrystallization. Primary sedimentary textures are clearly preserved in the clastic rocks. In the northern part of the property the slates are often phyllitic and have probably been metamorphosed to lowermost greenschist facies. Low grade metamorphism of the entire property is evidenced by the development of slaty cleavage in the fine-clastic rocks.

The principle structures on the property are a westernmost anticlinorium, an east-central synclinorium, and an eastern reverse or thrust fault (not studied in great detail).

The anticlinorium and synclinorium are broad, open structures with amplitudes in excess of 3 kilometers. Superposed on these are a number of smaller anticlinal and synclinal structures with amplitudes ranging from several hundreds of meters to less than a meter (drag folds).

Structures appear to plunge shallowly southwards at the south end of the property and shallowly northwards at the north end of the property.

With the exception of the gently dipping beds on the west flank of the anticlinorium, bedding altitudes throughout most of the property are moderate to steep.

2.4 DISTRIBUTION OF LITHOLOGIES AND ENVIRONMENT OF DEPOSITION

The property can be broadly divided into regions underlain principally by fine-clastic rocks (termed "slate terrain") or coarse-clastic rocks (termed "grit terrain"). The differing characteristics of these terrains are contrasted below.

Slate Terrain

- i. Thick successions of fine-clastic rocks predominate. Coarse-clastic rocks are commonly present, but seldom in successions greater than 100 meters thick.
- ii. The slate tends to be dark grey to black and highly pyritic.

Grit Terrain

- i. Thick successions of coarse-clastic rocks predominate. Fine-clastic rocks are commonly present, but seldom in successions greater than 100 meters thick.
- ii. The slate tends to be medium grey to green and less pyritic.

Slate Terrain

- iii. Carbonate interbeds are common. They are most often dark grey. Specimens examined in thin section were identified as dolostone.
- iv. No evidence of fluvial deposition was found. Where observed, bedding consists of undisturbed, regular alternations of laminae.
- v. Deformation tends to be intense due to incompetency of slate units.

Grit Terrain

- iii. Carbonate interbeds are rare. They are most often buff-colored. Specimens examined in thin section were identified as limestone.
- iv. Evidence of fluvial deposition is abundant. Paleo stream channels, rip-clasts of underlying slate in conglomerate, cross bedding and graded bedding were observed.
- v. Deformation tends to be less intense due to competency of coarse-clastic units

2.4.1. SLATE TERRAINS

Slate terrains occupy about 30% of the property and occur in two major belts.

- a) In the crest area of the anticlinorium across the westernmost part of the property (West Belt).
- b) In the core of the synclinorium across the north-central part of the property (North-Central Belt).

The West Belt includes at least three carbonate beds, none of which appear to be much thicker than 15 meters. Rocks of the West Belt are amongst the oldest units mapped on the property.

The North-Central Belt includes much more carbonate. One carbonate succession observed was at least 100 meters thick. Rocks of the North-Central Belt are the youngest units mapped on the property.

A third slate belt might be present immediately east of the reverse fault at the south end of the property. Exposure here is not excellent, but carbonate float was located and fairly thick exposures of slate were mapped.

The aspect of the slate belts (black, pyritic, undisturbed) suggests that they were deposited in deep, isolated offshore basins where euxenic conditions probably prevailed.

2.4.2 GRIT TERRAIN

Grit terrain occupies the remainder of the property. Primary structures show that the grit terrain was deposited in a fluvial environment. The absence of oxidized colours suggests very little exposure to a subaerial environment. Consequently the grit terrain was probably deposited in a deltaic setting.

Overall, the rocks deposited on the property appear to reflect two major periods of sea transgression and one major period of sea regression.

i) Sea Transgression:

Black slates are deposited in an isolated offshore basin represented by rocks of the West Belt.

ii) Sea Regression:

Deltaic sediments of the grit terrain were deposited.

iii) Sea Transgression:

Black slates were deposited in an isolated offshore basin represented by rocks of the North-Central Belt.

2.5 NOTES ON DRAWING 3, GEOLOGICAL MAP

Because many parts of the claim group are underlain by thinly bedded units too small to indicate on the map, or by gradational units equally difficult to display; various coded combinations of units are used on the geological map. These are described below.

Unit 2/5:

Well interbedded grit and slate. Grit beds are typically 15 to 45 meters thick. Slate beds are generally 10 to 30 meters thick. Contacts are normally sharp.

Unit 12:

Quartz pebble conglomerate and grit. This unit refers to terrains in which quartz pebble conglomerate and grit occur as interbeds or are gradational to one another.

Unit 12/5:

As unit 2/5, but including quartz pebble conglomerate.

Unit 2(5):

Grit with minor slate. Slate beds comprise less than about 20% of the terrain. The slate may occur as a few relatively large beds (typically 15 to 30 meters) in a broad area of grit terrain, or as thin interbeds (several centimeters to several meters) within the grit succession.

Unit 12(5):

As Unit 2(5), but including quartz pebble conglomerate.

Unit 25:

Gritty slate. Matrix is dominant but particles can be recognized. A transitional unit between grit and slate.

These are the main combinations of coded units used on the map. Other combinations are used, but only rarely. They can be interpreted in the following way. Wherever a virgule (/) is used, a well interbedded succession of the units shown to the left and the right of the virgule is implied. Wherever parentheses are used, the unit within the parentheses is a minor component of the terrain mapped.

PART 3
RESULTS OF PROSPECTING

3.1 INTRODUCTION

Prospection of the property resulted in the location of 12 mineralized occurrences in outcrop and 34 mineralized occurrences in float. The mineral occurrences have been subdivided into the 4 categories listed below.

Cat.	Mineralization	Occurrences	Occurrences in Outcrop
A	Sphalerite and galena in carbonate.	A1 to A4	A1
B	Copper (chalcopyrite \pm malachite \pm azurite) in carbonate or slate	B1 to B6	B1 to B4
C	Sphalerite and galena (and other sulfides) in quartz veins	C1 to C23	C1, C2, C3, C8, C14
D	Copper (chalcopyrite and malachite) in quartz veins	D1 to D6 D8 to D14	D1, D2

The location of all mineralized occurrences is shown on Dwg. 4A and 4B. Drawing 4A covers the entire property whereas Dwg. 4B is a blowup of a portion of the property (designated Zone 1 and Environs) where a cluster of occurrences is located. The Drawings also show the location and sample numbers of all rocks collected from the various occurrences and indicate whether the samples were collected from float or outcrop.

Each occurrence is separately described in the following pages. The format for the description is as follows:

1) Occurrence Number:

e.g: A1, A2, C21, etc.

2) Location:

By Easting and Northing according to the simplified form of the UTM grid found on all Drawings.

3) Elevation:

In feet and meters.

4) Reference:

Dwg. 4A or 4B.

5) Geology and Mineralization:

Brief description of mineralization.

6) Analytical Data:

Samples collected and geochemical results are listed. Base metal values are expressed in parts per million, precious metals in oz/ton and g/tonne.

7) Comments:

As required to complete the occurrence description.

The occurrence number within each category is intended to roughly reflect the relative importance of that occurrence. In other words, Occurrence #C1 is considered to be more important than Occurrence C23.

3.2 OCCURRENCES IN CATEGORY A, Pb-Zn IN CARBONATES

Occurrence #: A1 (Zone 1)

Location: E:98.90, N:47.10 (and vicinity)

Elevation: 7,000 to 7,500' (2121 to 2273 m)

Reference: Dwg. 4B, Dwg. 7a

Geology & Mineralization:

Carbonate samples containing galena and sphalerite were collected over a strike distance of 500 meters within a thick succession of black, pyritic slate striking 145° and dipping moderately towards the southwest.

Mineralization consists of fine grained galena (diameter 50 to 150 micrometers) and sphalerite (diameter 10 to 50 micrometers) dispersed in the matrix of grey, pyritic, silty dolostone. The sphalerite is not visible in hand samples. Accompanying silver values are probably derived from argentiferous galena. Mineralization sometimes occurs as coarser segregations of galena and sphalerite in fractures infilled with calcite and/or quartz.

Samples 2-20 to 2-23 and Sample 1-254 were collected from the only mineralized outcrop located in the zone. Visible galena occurs in a band about 30 cms. wide with highest concentration across 10 cms.. The exposure itself measures about 4 cubic meters.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	
1-53	Tr	46,000	40,500	1.314	(41.1)
1-54	77	9,620	38,500		
1-66	44	2,320	30,000		
1-66B	100	45,000	3,300	1.138	(35.6)
1-69B	Tr	2,400	19,500	0.379	(11.8)
1-252		5,590	4,260		
1-254		35,200	40,500		
2-20	115	1,400	7,400		
2-21	31	2,200	26,500		
2-22	49	3,320	33,500	1.430	(44.7)
2-22B	Tr	42,000	43,000		
2-23	13	1,600	5,900		
4-26	3	1,040	2,250		

Comments:

Zone 1 coincides with:

- 1) A two-kilometer train of lead/zinc in stream sediment anomalies (see report, Part 4).
- 2) A cluster of lead/zinc rock geochemical anomalies (see report, Part 5).
- 3) A cluster of lead/zinc vein occurrences (see report, this section).

Zone 1 can be compared with the Ruth Vermont Mine and the Crystal Creek occurrence in the following ways:

- a) Mineralization occurs in grey, pyritic carbonate.
- b) Stratabound mineralization is spatially associated with mineralized quartz veins.
- c) Mineralization occurs within a major succession of black, pyritic slate (although this is not certain for the Crystal Creek occurrence where outcrop is sparse).
- d) Zone 1, Ruth Vermont and Crystal Creek are spatially associated in that they occur in adjacent valleys and define a linear trend parallel to structure.

As a point of contrast, Zone 1 appears to have a higher Zn/Pb ratio and a lower Ag content than ore from either Crystal Creek or the Ruth Vermont Mine. This might suggest that Zone 1 represents the fringe zone of a higher grade deposit on the property.

Zone 1 is considered to be the best target defined by the regional survey work. Follow-up evaluation should include:

- a) Detailed grid mapping
- b) Detailed grid sampling
- c) Geophysical surveys; type of survey contingent on results of above work.
- d) Diamond drilling of targets defined by above surveys.

Occurrence #: A2

Location: E:99.70, N:46.75

Elevation: 7,450' (2257 m)

Reference: Dwg. 4B

Geology and Mineralization:

A sample of a grey, pyritic carbonate float containing galena and sphalerite was collected about 1 km. S.S.E. and along strike of Zone 1. The geological setting is similar to Zone 1 and the occurrence is probably related to the same mineralized trend.

Analytical Data:

Sample #	Cu	Pb	Zn
4-31	15	1,420	2,750

Occurrence #: A3

Location: E:87.65, N:53.95

Elevation: 7,200' (2182 m)

Reference: Dwg. 4A

Geology and Mineralization:

A major outcrop area of phyllitic slate and carbonate is exposed on the west flank near the crest of a major anticlinal structure. Lead and zinc mineralization was observed in a float sample of grey carbonate. In thin section, the sample was observed to be comprised of thin bands of calcite, ferroan-dolomite and calcite.

Analytical:

Sample # 3-141: All sample retained for petrological work.

Comments:

The area of the find coincides with a broad zone of lead and zinc rock geochemical anomalies (see report, Part 5). Lead and zinc values in stream sediments are slightly anomalous, but do not fall within the top 10 percentile range.

Occurrence #: A4

Location: E:05.40, N:51.00

Elevation: 7,450' (2257 m)

Reference: Dwg. 4A

Geology and Mineralization:

Samples of carbonate float mineralized with galena and sphalerite were collected over an area measuring about 50 m x 20 m on a north facing slope close to the height of land. In thin section, mineralization was seen to consist of fine grained galena (diameter 30 to 100 micrometers) and sphalerite (diameter 50 to 300 micrometers) disseminated in the matrix of grey, silty, ferroan to non-ferroan dolostone. The mineralization appears to favour iron rich portions of the sample.

No carbonate lithologies were located in outcrop. The country rocks in the immediate vicinity of the occurrence are mainly grit.

The occurrence is located in a depression marking the presumed trace of a major reverse or thrust fault mapped on the property.

Analytical Data:

Sample #	Cu	Pb	Zn
4-61	122	3,600	4,500
4-62	95	5,400	4,900
4-63	91	7,200	5,700
1-237	RETAINED SAMPLE		

Comments:

A seven hundred meter train of lead and zinc anomalies in stream sediments marks the presumed trace of the fault on the opposite side of the valley, several kilometers north of the occurrence. A sizeable prospective zone is inferred.

3.3 CATEGORY B, Cu IN CARBONATE AND SLATE

Occurrence: B1

Location: E:03.94, N:49.00

Elevation: 8,000' (2424 m)

Reference: Dwg. 4A

Geology and Mineralization:

Copper mineralization occurs in a thin-bedded (beds 2 to 5 cms) succession of green slate and buff limestone. The overall thickness of this distinctive unit is about 15 meters. Malachite is the conspicuous copper mineral. Very fine grained sulfides were observed in some samples but could not be positively identified as primary copper minerals. At least trace amounts of malachite and/or finely disseminated sulfides were found at most of the localities examined over a strike length of about 100 meters. Rocks collected were select samples containing conspicuous copper secondaries.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
2-39	12,800	75	32		
2-40	720	18	54		
2-43	5,100	290	31		
2-44	1,320	630	32		
2-39B	17,000	1,000	1,600	0.294 (9.2)	0.006 (0.19)
2-43B	7,000	600	400	0.087 (2.7)	0.002 (0.06)
1-38	1,270	325	27		
6-35	431	6	42		

Occurrence: B2

Location: 3:71.25, N:58.48

Elevation: 7,850' (2380 m)

Reference: Dwg. 4A

Geology and Mineralization:

Same as Occurrence B1 except that mineralization is less pervasive and grades of select samples are lower.

Analytical Data:

Sample #	Cu	Pb	Zn
1-148	14	18	25
1-149	294	22	32
1-150	253	24	33

Occurrence: B3

Location: E:91.25, N:58.48

Elevation: 7,850' (2380 m)

Reference: Dwg. 4A

Geology and Mineralization:

Samples stained with malachite and azurite were collected from an exposure of buff limestone enclosed in a S.W. dipping succession of grit and quartz pebble conglomerate. No primary sulfides were observed.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-104	1,600	39	37		
3-105	1,500	30	75		
3-105B	400	200	400	0.087 (2.7)	0.001 (0.03)
3-106	900	18	36		
3-107	1,600	24	40		
3-108	1,500	33	39		

Occurrence: B4

Location: E:88.14, N:62.70

Elevation: 7,900' (2424 m)

Reference: Dwg. 4A

Geology and Mineralization:

Samples stained with malachite were collected from an exposure of buff limestone in complexly folded grit terrain.

Analytical Data:

Sample #	Cu	Pb	Zn
4-84	477	33	35
4-85	21	13	27
4-86	1,120	100	33
4-87	1,410	59	32
4-88	688	20	46

Occurrence: B5

Location: E:86.58, N:58.42

Elevation: 7,500' (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

A sample of silty dolostone float was collected in slate terrain. Mineralization consists of chalcopyrite disseminated in the matrix of the dolostone. Small, barren quartz veins are present in the sample.

Analytical Data:

Sample #	Cu	Pb	Zn
4-109	2,500	226	215

Occurrence: B6

Location: E:99.75, N:48.15

Elevation: 7,500' (2273 m)

Reference: Dwg. 4B

Geology and Mineralization:

Samples of black slate containing pervasive malachite stains were collected in talus across an interval of 150 meters.

Analytical Data:

Sample #	Cu	Pb	Zn
2-74	1,960	16	133
2-75	2,010	27	117

3.4 CATEGORY C, Pb-Zn, IN VEINS

Occurrence: C1

Location: E:98.50, N:47.02

Elevation: 7,300 to 6,720' (2212 to 2036 m)

Reference: Dwg. 4B

Geology and Mineralization:

A major quartz vein striking 130° and dipping steeply to the S.W. contains the mineral assemblage quartz + pyrite + arsenopyrite + Sphalerite + galena + chalcopryite. The vein was traversed 6 times at progressively lower elevations between 2212 and 2036 meters. The inferred strike length is 500 meters. The vein disappears under snow above an elevation of 2212 m and appears to pinch out at the 2036 m. level. The country rocks are well interbedded grit and slate. In the vicinity of the vein, the country rocks are fractured and riddled with quartz veinlets. The "Snow 1" series (see Analytical Data) of samples were collected from the vein and the fractured country rocks.

Also located in the vicinity of the main vein were a number of thin, cross-cutting quartz veins dipping steeply and striking 90° to 105° . These were seldom more than 3 cms. wide.

As well, some spectacular float samples were collected in the area, including a boulder weighing 20 kgs. and consisting entirely of massive galena (sample 1-17).

Analytical Data:

(NOTE: Scale at far right indicates approximate location of sample along traverse line from N.E. to S.W.)

— Traverse 1, Elevation 2212 meters:

Three veins are present. Vein 1 is 15 cms. wide and is separated from Vein 2 by 10 cms. of slate. Vein 2 is 15 cms. wide and is separated from Vein 3 by 10 meters of slate. Vein 3 is 15 cms. wide. The vein system is bounded on either side by grit.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-1	76	2,000	2,300			F.W. grit	Ø m.
1-2	81	1,400	4,100			Vein 1	
1-3	125	2,800	565			Slate	
1-4	6,300	286	46,100			Vein 2	1 m.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
1-5	91	870	980			Slate	
1-6	14	1,155	181			Grit	
1-7	82	4,900	760			Slate	2 m.
1-8	124	2,700	4,700			Slate	
1-9	2,340	54	20,900			Vein 3	
1-10	23	1,300	2,300			Phyllite	
1-11	22	2,000	334			H.W. Grit	10 m.

— Traverse 2, Elevation 2176 Meters:

The vein is 0.7 meters wide. The four samples of vein material were collected at about 0.2 meter intervals.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-12	40	496	409			Grit	Ø m.
1-13	65	1,800	471			Slate	1 m.
1-14	24	1,100	1,300			Grit	4 m.
1-15	990	204	4,300			Vein	5 m.
1-16	170	576	584			Vein	
1-17	299	800	13,900			Vein	
1-18	11	1,500	841			Vein	
1-19	157	900	2,500			H.W. Grit	6 m.

— Traverse 3, Elevation 2167 meters:

Two veins are present. Vein 1 is 1.2 meters wide, and is separated from Vein 2 by 1 meter of slate. Vein 2 is 0.5 meters wide.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-20	66	280	193			Slate	Ø m.
1-21	ND	340	257			Slate	2 m.
1-22	29	295	857			Vein 1	
1-23	370	180	1,900			Vein 1	6 m.
1-24	1	517	351			Vein 2	7 m.
1-25	64	250	322			Grit	10 m.
1-26A	25	2,300	298			Slate	13 m.

— Traverse 4, Elevation 2115 meters:

The vein is 1.5 meters wide. The four samples of the vein were collected at about 0.4 meter intervals.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-26B	256	295	312			Vein	Ø m.
1-27	27	4,000	284			Vein	0.4 m.
1-28	398	147	12,600			Vein	1 m.
1-29	2,240	61	113,000			Vein	1.5 m.
1-30	27	253	133			Slate	4 m.

— Traverse 5, Elevation 2060 meters:

The vein is 20 cms. wide. The two samples of the vein were collected at 5 and 15 cms. respectively.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-31	1	656	184			Vein	5 cms.
1-34	26	570	291			Vein	15 cms.
1-32	32	1,300	299			Slate	1.5 m.
1-33	37	899	278			Slate	2 m.

— Traverse 6, Elevation 2036 meters:

The vein is 17 cms. wide. One sample was collected.

Sample	Cu	Pb	Zn	Ag	Au	Comment	Scale
Snow:							
1-35	1,890	121	7,160				

— The following outcrop samples are representative of the thin, cross-cutting veins located near the main vein.

Sample #	Cu	Pb	Zn	Ag	Au
1-16	100	100	48,000	0.05 (1.6)	0.037 (1.2)
1-18	5,500	4,800	15,800	12.55 (392)	0.112 (3.5)
1-19	12,900	34,800	280	6.65 (207)	0.002 (.06)

— The following samples were collected near the main vein in float.

Sample #	Cu	Pb	Zn	Ag	Au
1-17	100	340,000	80	18.69 (584)	0.002 (.06)
4-7	1,370	56	370,000		
2-7	3,300	379,000	64,000	17.52 (547)	0.004 (.12)
1-24	Tr	500	Tr	0.116 (3.6)	0.175 (5.5)

Comments:

- a) The lead analysis for Sample 1-17 (34% Pb) is thought to be in error since the sample was essentially 100% galena.
- b) Float samples 1-17, 4-7, and 2-7 contain far more lead than samples from the main vein and are therefore thought to be derived from another, unlocated source.
- c) Float sample 1-24 resembles samples of the main vein and was probably derived from it.

Occurrence #: C2

Location: E:98.45, N:46.70

Elevation: 7,150' (2170 m)

Reference: Dwg. 4B

Geology and Mineralization:

A northwest trending system of closely spaced, mineralized quartz veins occurs in an area underlain by well interbedded grit and slate. The veins are 1 cm. to 14 cms. wide, strike 110° to 150°, and dip steeply to the southwest. Maximum observed thickness of the vein system is 2 meters. Mineralization consists of the assemblage pyrite, sphalerite and chalcopyrite. Length of the vein system was not ascertained.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
Snow 2-1	3,430	59	247,000		
2-2	3,680	166	7,390		
2-3	190	198	411		
2-4	90	470	2,600		
2-5	4,130	50	113,000		
4-125	432	127	116,000		
4-126	356	99	399,000		
4-127	382	51	182,000		

Occurrence #: C3

Location: E:97.88, N46.54

Elevation: 7,300 feet (2212 m)

Reference: Dwg. 4B

Geology and Mineralization:

A sulfide bearing quartz vein occurs in a southwest dipping succession of well interbedded grit and slate. Mineralization consists of pyrite, sphalerite and galena in a quartz vein measuring 10 meters long by 2 meters wide.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-212	43	627	850		
3-213	215	404	11,570		

Occurrence #: C4

Location: E98.70 to 98.95, N47.00 to 47.50

Elevation: 700-7,500 feet (2121 to 2273 m)

Reference: Dwg. 4B

Geology and Mineralization:

See Zone 1, Occurrence A1, for geology. The rocks listed below represent mineralized quartz samples collected in float within Zone 1.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-69	200	9,200	33,000	1.17 (36.5)	0.019 (0.6)
4-25	27	1,210	17,000		
2-18	6,900	2,210	3,850		

Occurrence #: C5

Location: E99.50, N47.10

Elevation: 7,350 feet (2227 m)

Reference: Dwg. 4B

Geology and Mineralization:

The area of the mineralized finds is covered by glacial moraine. Mineralization consists dominantly of galena and sphalerite in float samples of quartz found over an area measuring 600 meters by 200 meters.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-32	101	1,140	1,300		
4-33	78	950	4,050		
4-34	3,800	25,300	162,500		
2-26	475	90	8,600		
1-255	14	2,190	7,260		
1-256	13	1,790	1,830		
1-257	679	539	153,800		

Occurrence #: C6

Location: E99.75, N46.70

Elevation: 7,450 feet (2257 m)

Reference: 4B

Geology and Mineralization:

The area of the finds is underlain by moraine but is probably within the belt of slate and carbonate that hosts "Zone 1" mineralization. Mineralization consists of sphalerite and galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
2-24	365	400	83,500		
2-25	13	1,880	7,300		
4-29	200	256	85,000		
4-30	350	560	217,500		

Occurrence #: C7

Location: E97.20, N46.10

Elevation: 7,100 feet (2151 m)

Reference: Dwg. 4B

Geology and Mineralization:

The area of the find is underlain by glacial moraine. Nearest outcrops are well interbedded slate and grit dipping moderately to the southwest. Mineralization consists of pyrite and galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-281	191	1,590	27		

Occurrence #: C8

Location: E00.20, N46.56

Elevation: 7,700 feet (2333 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by black, pyritic slate. Large barren quartz veins were recorded in the vicinity. Minor grit beds are also present. Sample 4-35 was located in grit outcrop. Mineralization consists of sphalerite and galena in a network of thin (7 cms. wide) quartz veins. Samples 4-36 and 4-37 were located in float. Black, pyritic slate is cut by quartz veins carrying galena and sphalerite. Sample 4-37 contained a wiry mineral that might be arsenopyrite.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-35	43	2,220	1,750		
4-36	960	25	352,000		
4-37	24	760	9,600		

Occurrence #: C9

Location: E87.40, N56.90

Elevation: 6,800 to 7,300 feet (2060 to 2212 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by well interbedded grit and black phylitic slate. Major carbonate beds are present in the vicinity. Mineralization consists of galena and sphalerite in quartz float. The mineralized samples located were extremely small, about thumb sized. The finds are separated by a distance of 400 meters.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-8	30	2,810	7,800	0.71	0.002
4-9	30	920	21,500	0.06	0.006

Occurrence #: C10

Location: E99.20, N58.26 (and vicinity)

Elevation: 7,000 feet (2121 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain dominantly by grit and quartz pebble conglomerate. Green slate containing abundant quartz veins is an important subsidiary unit in the area.

Mineralization consists of galena in quartz float. Quartz float is very abundant in the area and is probably derived from weathering of the green slate. The mineralized finds are separated by a distance of 300 meters.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-20	100	22,800	60	1.17	0.02
1-250	6	1,780	412		
1-292	63	1,260	87		

Occurrence #: C11

Location: E09.30, N51.55

Elevation: 4,100 feet (1242 m)

Reference: Dwg. 4A

Geology and Mineralization:

Mineralization was located in an area of sparse outcrop. Green slate, grit, calcareous grit and quartzite were mapped in the vicinity. Mineralization consists of very fine galena in grit float. The galena is confined to quartz segregations in the grit. The sample (4-10) was very small, about thumb sized.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-10	100	200	40	.01	.002

Occurrence #: C12

Location: E98.50, N57.90

Elevation: 7,500 feet (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by a succession of well interbedded slate and grit. One large galena crystal is present in a float sample of bull quartz.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-11	100	200	40	0.01	0.002

Occurrence #: C13

Location: E04.50, N50.64

Elevation: 7,500 feet (2272 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by a west dipping succession of grit and quartz pebble conglomerate. Mineralization consists of galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
6-38	22	4,080	42		

Occurrence #: C14

Location: E87.32, N86.12

Elevation: 7,300 feet (2212 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by grit and quartz pebble conglomerate. Extensive quartz stockwork is present in the area.

Mineralization consists of pyrite and sparse galena in one of the quartz veinlets (4 cms. wide) that constitutes the extensive stockwork system in this area.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
2-138	24	822	502		

Occurrence #: C15

Location: E89.90, N59.78

Elevation: 5,100 feet (1545 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by overburden and outcrop is sparse. Most of the float in the vicinity is grit or quartz pebble conglomerate. Mineralization consists of galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-285	27	15,520	2,020		

Occurrence #: C16

Location: E96.41, N49.46

Elevation: 7,500 feet (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by green slate. Mineralization consists of pyrite, galena, and sphalerite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-73	35	5,760	2,100		

Occurrence #: C17

Location: E02.20, N53.40

Elevation: 7,600 feet (2303 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by a westward dipping succession of grit and conglomerate with minor slate interbeds. Mineralization consists of galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-100	150	49,800	75		

Occurrence #: C18

Location: E90.40, N63.85

Elevation: 7,400 feet (2242 m)

Reference: Dwg. 4A

Geology and Mineralization:

The mineralization was located near the contact between black slate and grit on the eastern limb of a major synclinal structure. Mineralization consists of galena, and chalcopyrite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-278	518	9,160	170		

Occurrence #: C19
 Location: E92.30, N54.60
 Elevation: 7,900 feet (2394 m)
 Reference: Dwg. 4A

Geology and Mineralization:

Mineralization was located in an outcrop area of grit and quartz pebble conglomerate on the east limb of a major anticlinal structure. Mineralization consists of pyrite, sphalerite, and chalcopyrite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
2-154	19,700	100	63,000		

Occurrence #: C20
 Location: E01.40, N47.80
 Elevation: 7,250 feet (2197 m)
 Reference: Dwg. 4A

Geology and Mineralization:

Mineralization was located in an area covered by glacial moraine. Nearby outcrops are complexly folded, interbedded grit and slate. Mineralization consists of sparse galena and sphalerite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
6-21	13	305	4,050		
6-25	51	600	18		

Occurrence #: C21

Location: E86.59, N58.43

Elevation: 7,500 feet (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

The occurrence is situated near the crest of a major anticlinal structure. Country rocks are dominantly slate and carbonate. Mineralization consists of galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
6-83A	12	1,599	30		

Occurrence #: C22

Location: E99.30, N57.30

Elevation: 7,500 feet (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

Mineralization was located in glacial moraine near the front of a glacier. Grit and quartz pebble conglomerate are the dominant lithologies in the region. Mineralization consists of galena in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
5-2	200	1,600	160	0.30	0.002

Occurrence #: C23

Location: E87.30, N58.60

Elevation: 7,500 feet (2273 m)

Reference: Dwg. 4A

Geology and Mineralization:

The terrain is underlain dominantly by grit. Mineralization consists of quartz float containing galena, sphalerite, and chalcopryrite.

Analytical Data:

Sample#	Cu	Pb	Zn	Ag	Au
1-302	6,680	22,560	28,120		

3.5 CATEGORY D, Cu in QTZ VEINS

Occurrence: D1

Location: E95.50, N58.50

Elevation: 8,015 to 8,180 feet (2429 to 2479 m)

Reference: Dwg. 4A

Geology and Mineralization:

A copper mineralized quartz vein occurs at the faulted (?) contact between slate (to the S.W.) and grit (to the N.E.). The vein strikes 130° and dips vertically. It is 1.5 to 0.3 meters wide (Avg. 0.9m) and has been traced for a strike length of 51 meters (open both ends into felsenmeer and moraine) and over a vertical distance of 50 meters. It is well mineralized throughout with chalcopryrite and malachite. Mineralized copper float was found 400 meters to the north, suggesting considerable strike extension of the known vein or the existence of another vein or veins.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
2-13	70,000	4,400	870	0.38 (11.9)	0.005 (0.16)
1-21	Not available				
1-22	Not available				
1-23	Not available				

Occurrence #: D2

Location: E98.50,N55.20 (vicinity)

Elevation: 6,300 to 5,800 feet (1909 to 1757 m)

Reference: Dwg. 4A

Geology and Mineralization:

Chalcopyrite and malachite occur in a quartz vein in grit terrain. The quartz vein is exposed in two localities termed the lower and upper exposures. Assuming continuity of the vein through overburden, the inferred minimum strike length is 400 meters and the vertical continuity is over 150 meters. The vein strikes 130° and dips vertically to steeply N.E.

The lower exposure is revealed in a stream bed at elevation 1757 meters. The vein here is 2 meters wide. Fifteen samples were collected representing highest grade (JRJ 1 to 5), medium grade (JRJ 6 to 10), and lowest grade (JRJ 11 to 15) mineralization. Top value was 1.16% copper.

The upper exposure is better revealed. It is 34 meters long and 0.6 to 3.0 meters wide (Avg. 1.37 meters). Six select samples (JRJ A to F, not shown on sketch or drawings) contained 1.1% to 12% Cu.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
JRJ 1	11,000	ND	100	0.032 (1.0)	.001 (.03)
2	2,900	100	100	ND	ND
3	11,600	100	100	0.009 (.28)	ND
4	3,100	100	100	ND	ND
5	3,300	ND	100	ND	.001 (.03)
6	7,700	ND	100	ND	ND
7	1,000	ND	100	ND	ND
8	500	ND	100	ND	ND
9	300	ND	100	0.001 (.03)	ND
10	2,300	ND	ND	ND	ND
11	200	ND	ND	ND	ND
12		ND	ND	ND	ND
13	100	ND	100	0.001 (.03)	ND
14	ND	ND	100	ND	ND
15	100	ND	100	0.006 (.19)	ND
JRJ A	17,000	100	100	0.02 (.62)	ND
B	120,000	ND	400	0.31 (9.7)	0.006 (.19)
C	17,700	100	100	0.009 (.28)	ND
D	68,000	ND	100	0.064 (2.0)	0.007 (.22)
E	54,000	ND	200	0.091 (2.8)	0.001 (.03)
F	11,000	ND	100	0.006 (.19)	ND

Occurrence #: D3

Location: E97.58, N49.56

Elevation: 8,500 feet (2576 m)

Reference: Dwg. 4A

Geology and Mineralization:

Mineralization was located near the crest of a major anticlinal structure in terrain underlain by grit and slate. Mineralization consists of azurite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-78	20,800	930	2,600		

Occurrence #: D4

Location: E98.40, N50.90

Elevation: 7,600 feet (2303 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by an east dipping succession of well bedded grit and conglomerate with minor slate. Mineralization consists of chalcopyrite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-97	18,100	ND	220		
1-97B	51,500	Tr	300	0.262	0.001(repeat)

Occurrence #: D5

Location: E92.50, N52.3

Elevation: 8,200 feet (2485 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by grit and quartz pebble conglomerate exposed in the nose of a synclinal structure. Major exposures of slate flank the coarse clastic rocks. Mineralization consists of chalcopyrite and sphalerite in quartz float. The finds are separated by 200 meters.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
1-262	11,400	301	1,150		
3-180	3,520	789	232		

Occurrence #: D6

Location: E99.25, N58.40 (and vicinity)

Elevation: 7,100 feet (2151 m)

Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain dominantly by grit and quartz pebble conglomerate. Green slate containing abundant quartz veins is an important subsidiary unit in this area. Mineralization consists of chalcopyrite and malachite in quartz float. Quartz float is abundant in the area and is probably derived from weathering of the green slate.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-1	200	88	49		
3-2	1,000	43	26		
1-242	237	45	34		
1-244	413	51	101		
1-245	174	17	98		
3-266	2,620	34	14		

Occurrence #: D8
 Location: E87.44, N57.07
 Elevation: 6,900 feet (2090 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by well interbedded grit and black phyllitic slate. Major carbonate beds are present in the vicinity. Mineralization consists of crystalline malachite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
3-167A	2,280	8	12		

Occurrence #: D9
 Location: E04.00, N50.30
 Elevation: 7,500 feet (2272 meters)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by a west dipping succession of grit and quartz pebble conglomerate. Mineralization consists of chalcopyrite and pyrite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-55	530	2	10		

Occurrence #: D10
 Location: E96.50, N56.43
 Elevation: 8,300 feet (2515 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by an east dipping belt of green slate. Mineralization consists of chalcopyrite and malachite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
4-67	31,400	15	88		

Occurrence #: D11
 Location: E92.50, N63.10
 Elevation: 4,700 feet (1424 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is heavily overburdened with sparse outcrop. Surrounding float is mostly grit and conglomerate. Mineralization consists of malachite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
5-1	730	3	5	0.012	0.002

Occurrence #: D12
 Location: E97.96, N63.10
 Elevation: 6,300 feet (1909 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by grit. Mineralization consists of chalcopyrite in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
5-3	4,000	400	60	0.04	0.001

Occurrence #: D13
 Location: E95.30, N61.80
 Elevation: 6,200 feet (1879 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by grit. Chalcopyrite occurs in quartz float.

The showing was not sampled.

Occurrence #: D14
 Location: E04.70, N50.10
 Elevation: 8,000 feet (2424 m)
 Reference: Dwg. 4A

Geology and Mineralization:

The area is underlain by a westward dipping succession of grit and conglomerate. Malachite occurs in quartz float.

Analytical Data:

Sample #	Cu	Pb	Zn	Ag	Au
6-41	540	ND	65		
6-42	1,000	ND	46		
6-43	85	3	11		

PART 4
REPORT ON STREAM
SEDIMENT SAMPLING SURVEY

4.1 DRAINAGE CHARACTERISTICS

The drainage pattern on the property is in part due to alpine glaciation and in part due to structure and lithology.

The main NE to ENE flowing trunk streams (McMurdo, Bobby Burn, & Malachite Creeks) occupy glacial troughs that cut across the structure of the rocks. The direction of the troughs reflects the greater efficiency of glacial erosion on northeast facing slopes. Tributary streams, on the other hand, tend to flow parallel to strike. In steeply dipping, interbedded grit and slate terrain for example, it was frequently observed that stream channels were established over slate beds.

4.2 SAMPLING AND ANALYTICAL PROCEDURES

Approximately 1,100 stream sediment samples were collected on the property. All of the major tributary streams and many of the minor tributary streams were sampled at intervals of at least 300 meters. Trunk streams were only sampled near their headwaters, but all drainage flowing into the trunk streams was sampled. Samples were also collected from arroyos commonly found at higher elevations, particularly in cirques.

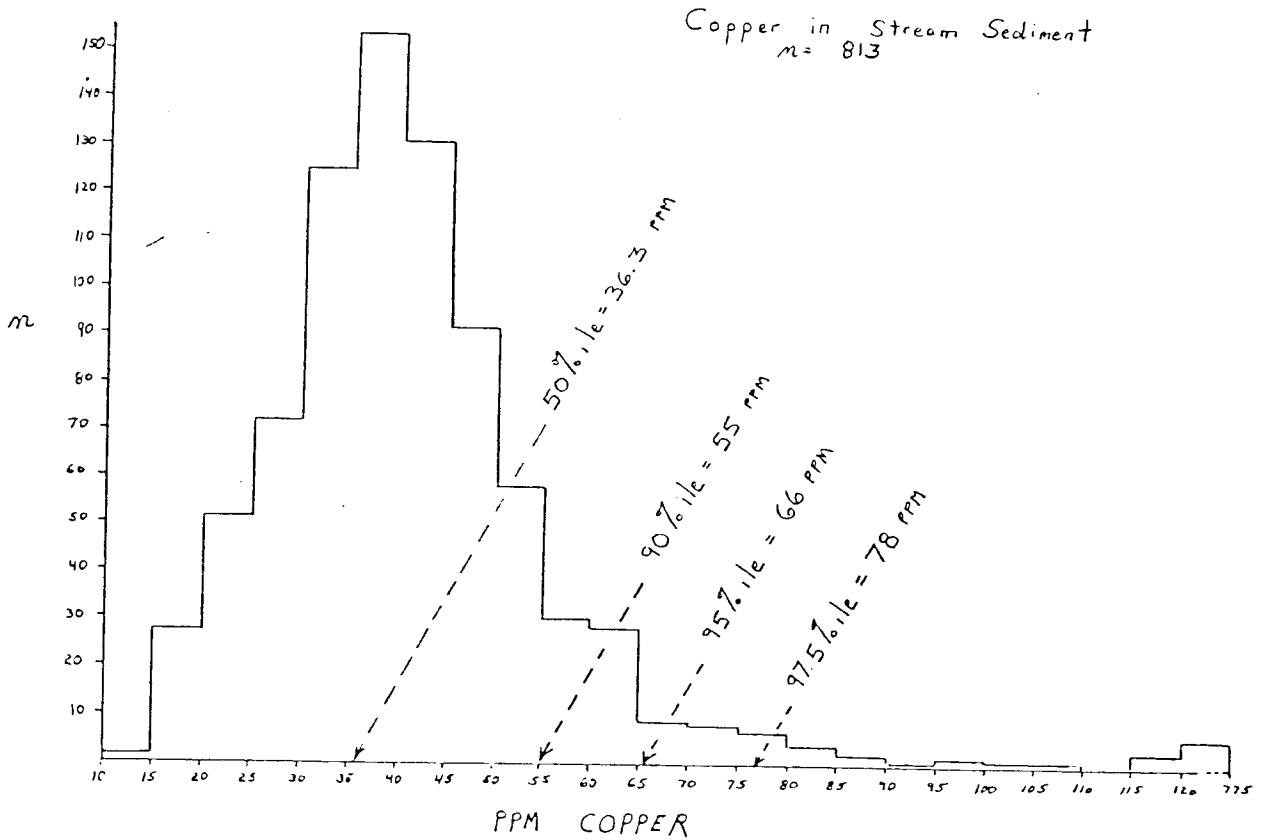
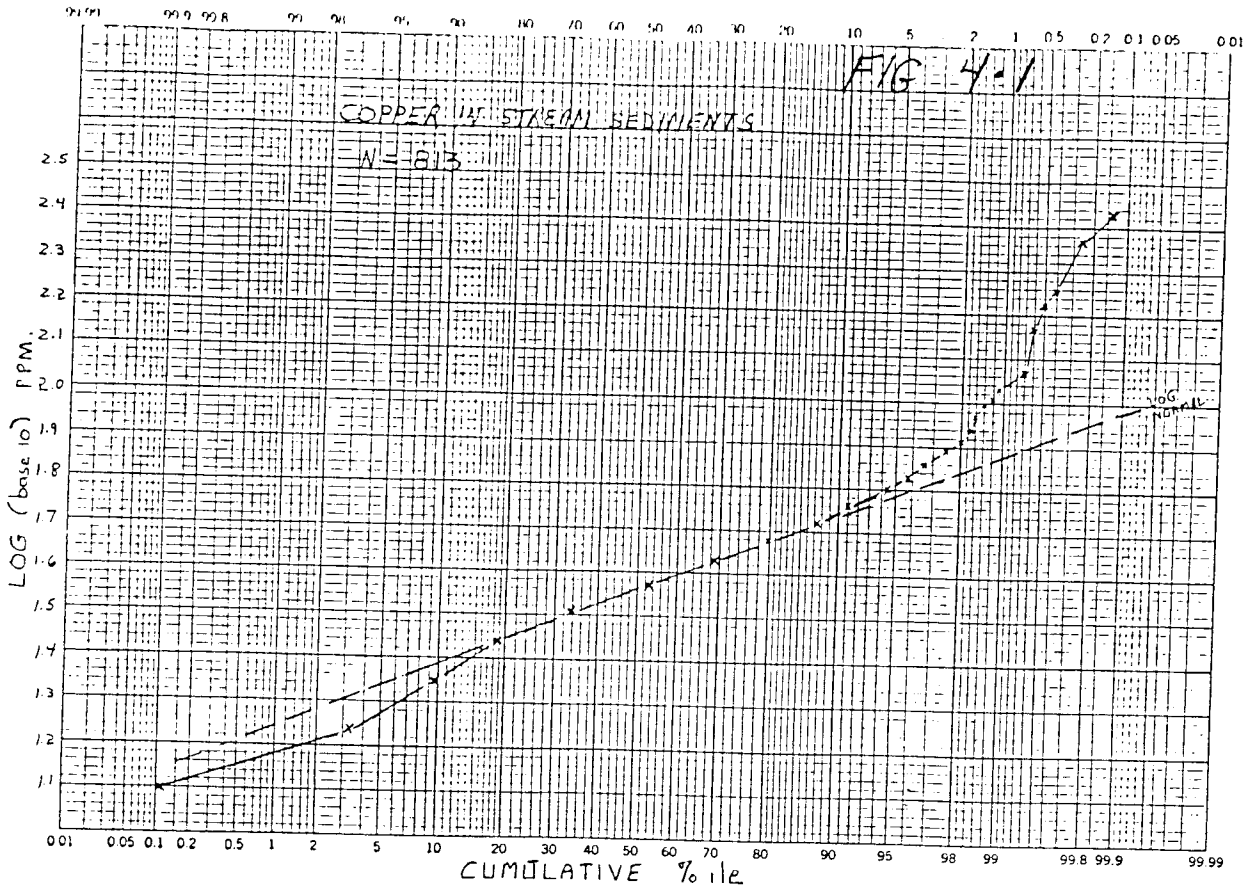
At all sites it was attempted to sample the fine fraction of the sediment. At each site, pertinent notes on the description of the sample and the environment were entered on sample cards.

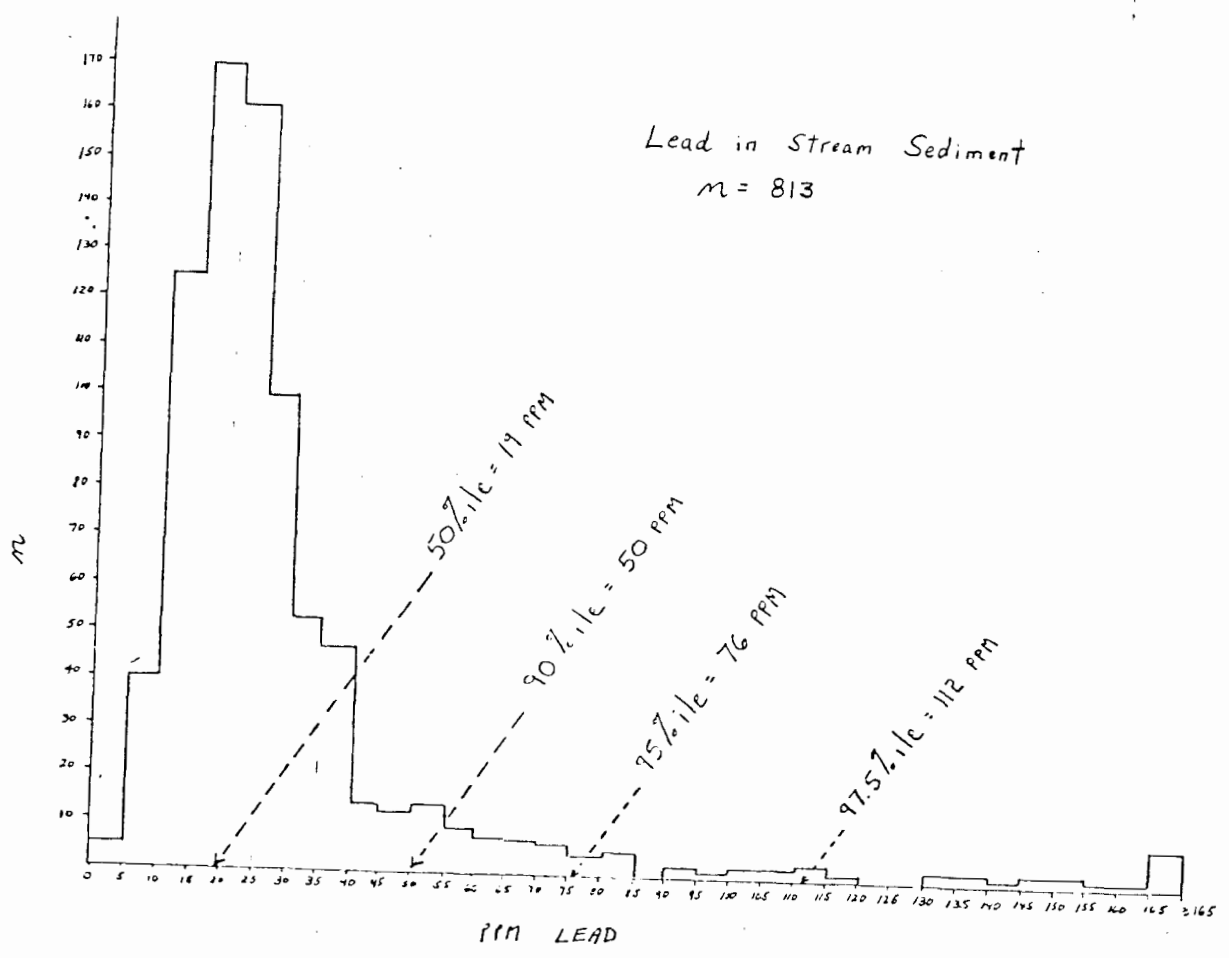
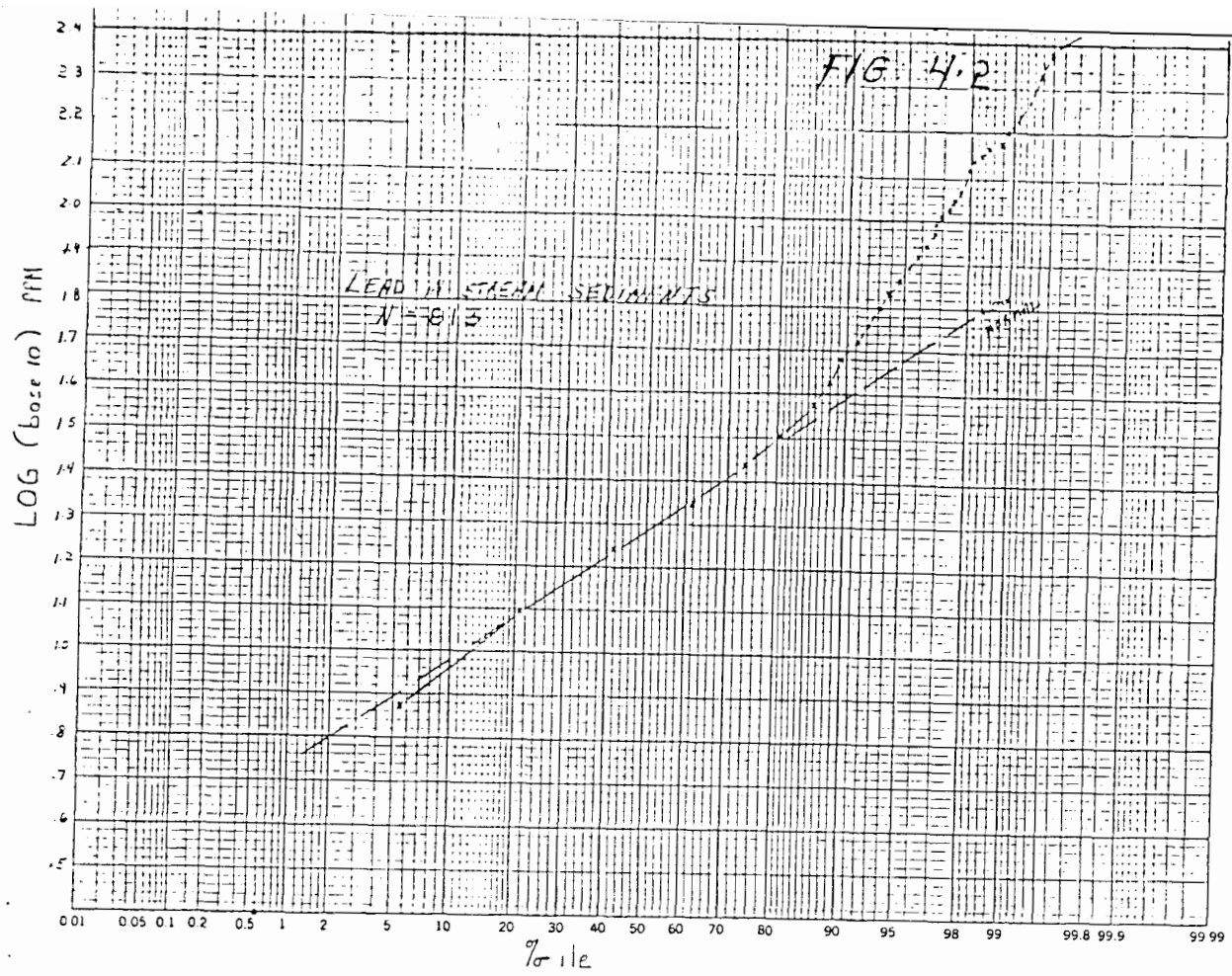
Samples were sent to the laboratory of Barringer Magenta in Calgary. There they were dried and sieved to -80 mesh and analyzed for copper, lead, and zinc. The geochemical analyses were done by atomic absorption spectrometry after the samples were digested with hot solutions of HNO_3 and HClO_4 .

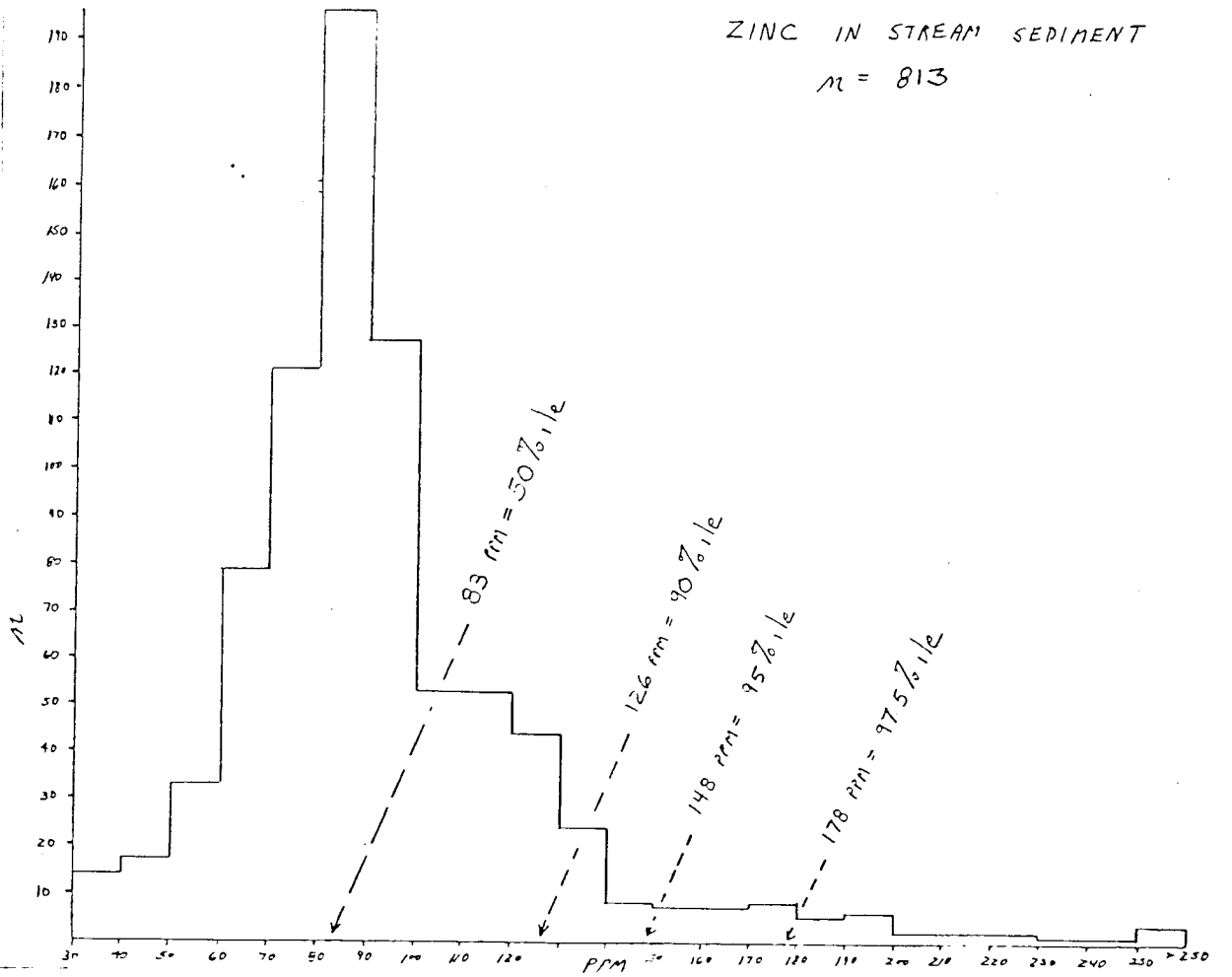
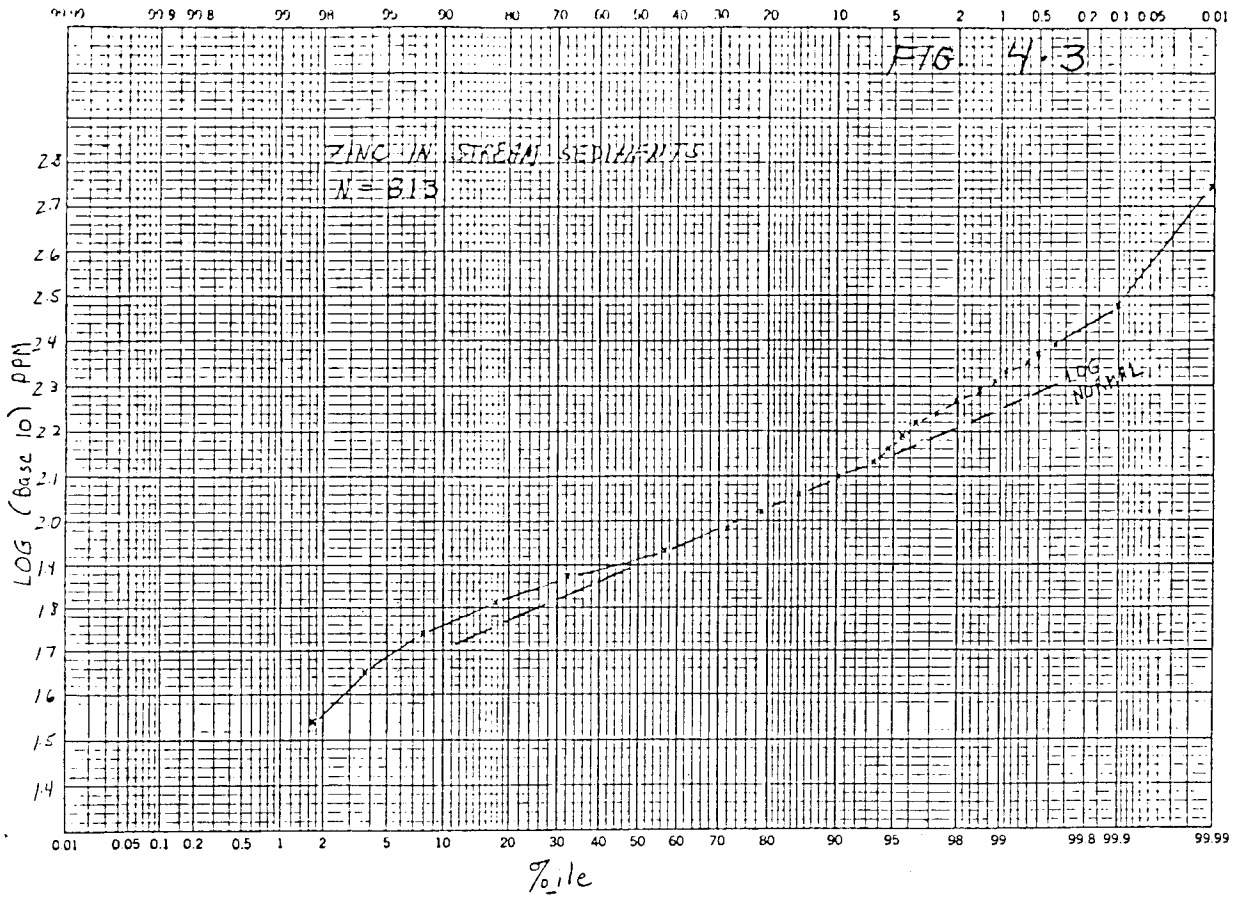
4.3 EVALUATION AND PRESENTATION OF DATA

The distribution of values is shown by the histograms on Figures 4-1 (Copper), 4-2 (Lead), and 4-3*(Zinc). When plotted on log probability charts (same figures), the distributions are seen to assume the straight-line configuration common to log-normal populations up until about the 90 percentile level. Thereafter, a second population (anomalous) is indicated.

*The graphs had to be based on only 75% of the sample population because of late geochemical returns from the laboratory. Subsequent results are not thought to have greatly affected the distributions







For purposes of interpretation, this second population has been divided into three classes that are emphasized by different symbols on the accompanying geochemical maps.

Top 10 percentile to top 5 percentile: Possibly anomalous
Top 5 percentile to top 2½ percentile: Probably anomalous
Top 2½ percentile: Anomalous

The following geochemical maps accompany the report:

Dwg 5A: Stream Sediment Sample Location Map
Dwg 5B: Lead in Stream Sediments
Dwg 5C: Zinc in Stream Sediments
Dwg 5D: Copper in Stream Sediments

Stream Sediment Data Sheets are attached to this report in Appendix 5, pages 63 to 106. The data sheets detail analytical results for all samples. They also indicate the location of samples by UTM grid reference and include descriptions of the sample and environment. Mneumonics used are described at the beginning of the appendix.

4.4 HIGHLIGHTS

Drawings 5B through 5D are basically self-interpretive, but a few highlights are emphasized below:

- a) The most prominent train of Pb-Zn anomalies is two kilometers long and drains from the vicinity of Zone 1 where stratabound Pb/Zn mineralization has been located in outcrop. (E:98.90, N:47.10). The bulk of the anomalies are upslope from Zone 1, suggesting excellent potential for similar mineralization in that area.
- b) The second most prominent train of Pb/Zn anomalies (E:03.50, N:53.00) is 600 meters long and occurs on the opposite side of Malachite Creek along strike of Occurrence A4 (E:05.40, N:51.00). Occurrence A4 is a showing of lead and zinc in dolostone float (refer to Section 3-2). The occurrence itself is marked by the presence of two top-tenor lead anomalies. A sizeable prospective zone is thereby indicated.
- c) Copper anomalies tend to be unrelated to Pb/Zn anomalies. A number of interesting clusters of copper anomalies are present on Dwg. 5D. Perhaps the most spectacular is at E:88.40, N:60.40 where one sample was collected that contained 1750 ppm (~50 x Bkgd) copper. No copper occurrences were reported in this area.

PART 5
REPORT ON
ROCK GEOCHEMICAL SURVEY

5.1 INTRODUCTION

Approximately 1,100 rock samples were collected on the property. Most of the samples collected (80%) were either slate or carbonate, the anticipated host rocks for stratabound Pb-Zn mineralization on the property. Because such mineralization can be very fine grained and almost impossible to spot in hand samples, a rock geochemical survey was considered necessary to detect fine sulfides or geochemical halos that might lead to the discovery of a stratabound deposit. Samples of coarse clastic rocks and samples of the larger quartz veins were also collected to complete the regional coverage.

For the most part, only proximal rock types (felsenmeer, scree) or outcrop samples were collected. Samples were expedited to Barringer Magenta in Calgary where they were crushed, ground to -200 mesh, and analyzed for Cu, Pb, and Zn by atomic absorption spectrometry after digestion in hot solutions of HClO_4 and HNO_3 . Gold and silver were analyzed in some samples by atomic absorption spectrometry after digestion in aqua regia and extraction into MIBK.

5.2 EVALUATION AND PRESENTATION OF DATA

Geochemical data were processed in the following way:

- a) The samples were divided into 4 populations
 - i) Slate Samples (n = 426*)
 - ii) Carbonate Samples (n = 252*)
 - iii) Coarse Clastic Samples (n = 143*)
 - iv) Quartz Samples (n = 55*)
- b) Copper, lead, and zinc values for each of the populations were then plotted on log-probability graph paper (Figs 5-1 to 5-12). For purposes of interpretation, any elemental value greater than the top 10 percentile value in its class was arbitrarily chosen as anomalous.

The interpreted results are shown on Drawings 6B (Lead in Rocks), 6C (Zinc in Rocks) and 6D (Copper in Rocks). On each of the maps, the four populations are distinguished by different symbols. The symbols vary in size to denote 3 tenors of anomalies.

- i) Top 10 percentile to top 5 percentile (possibly anomalous)
- ii) Top 5 percentile to top 2½ percentile (probably anomalous)
- iii) Top 2½ percentile: (anomalous)

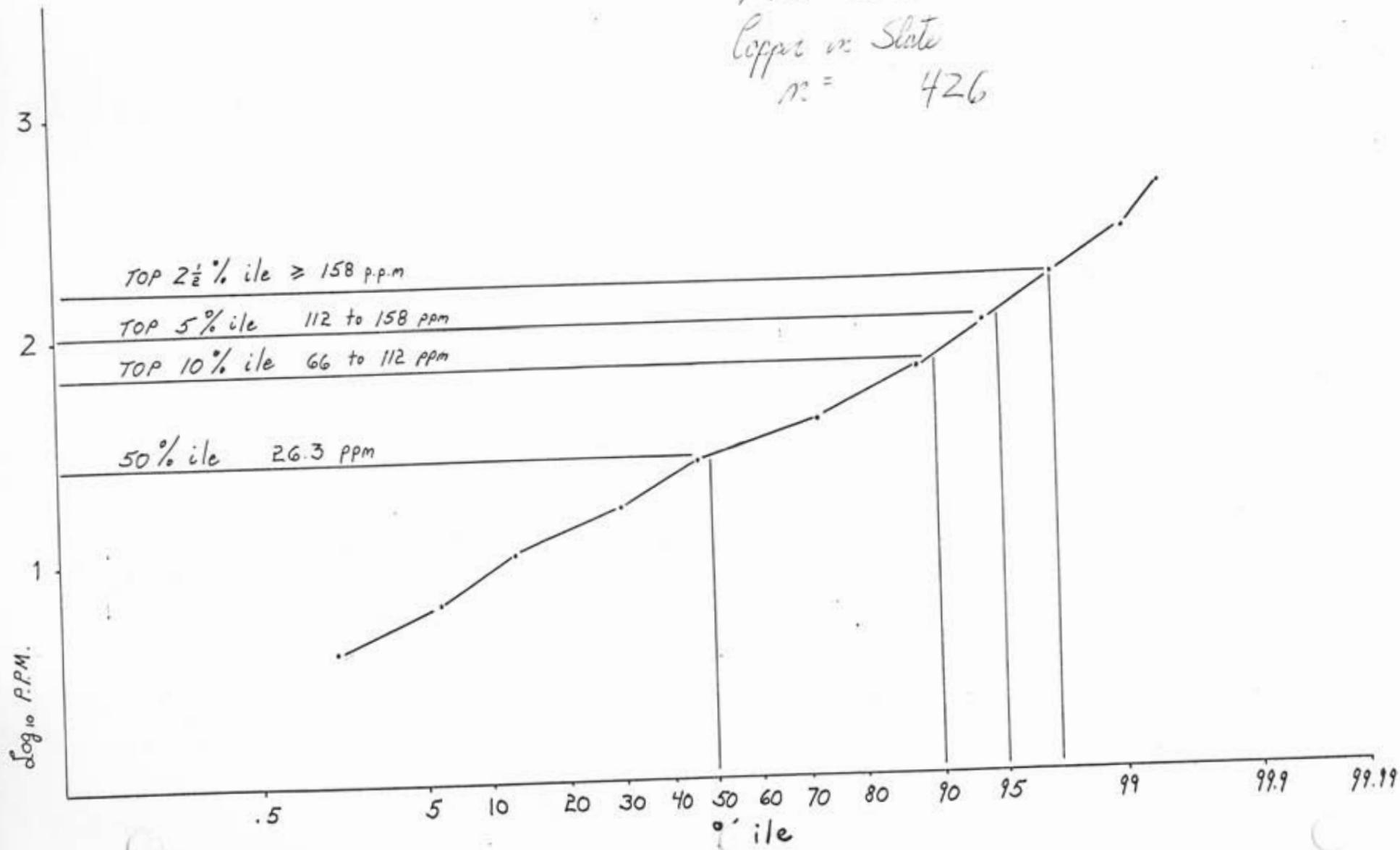
*Statistics had to be based on only 80% of the population due to late returns from the laboratory. Subsequent results are not thought to have significantly altered the distributions shown in the various graphs

Drawing 6A shows the location and sample numbers of all rocks collected. Analytical results for all samples can be found on the Rock Geochemical Data Sheets in Appendix , pages 1 to 57. The data sheets also give the locations of all samples by UTM grid reference and include descriptive comments on each sample. The mnemonics used are described at the beginning of the appendix.

Drawings 7A through 7D are blowups of the region around Zone 1 and show the same information as Drawings 6A through 6D.

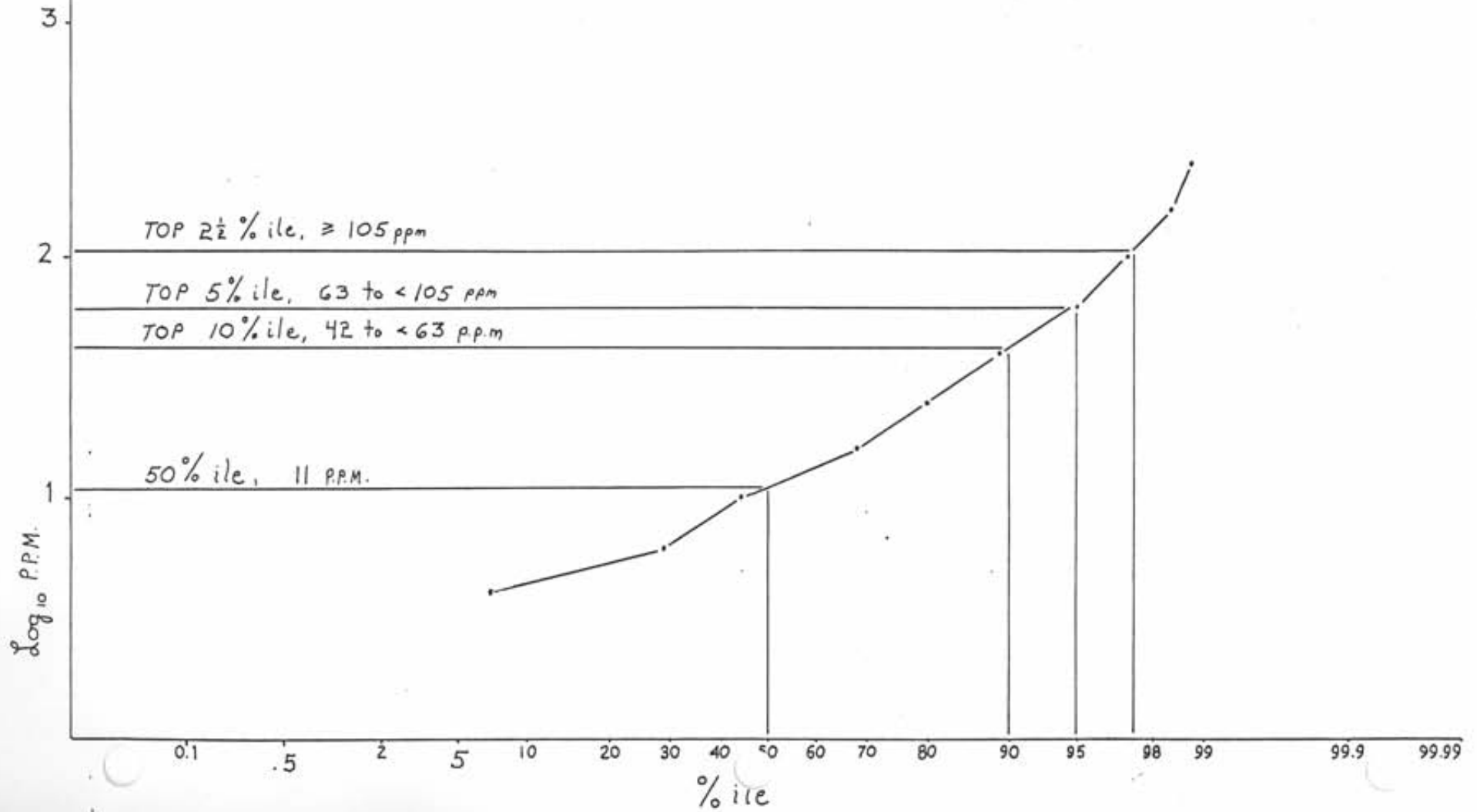
Copper in Slate
 $n = 426$

FIG 5.1
Copper in Slate
 $n = 426$



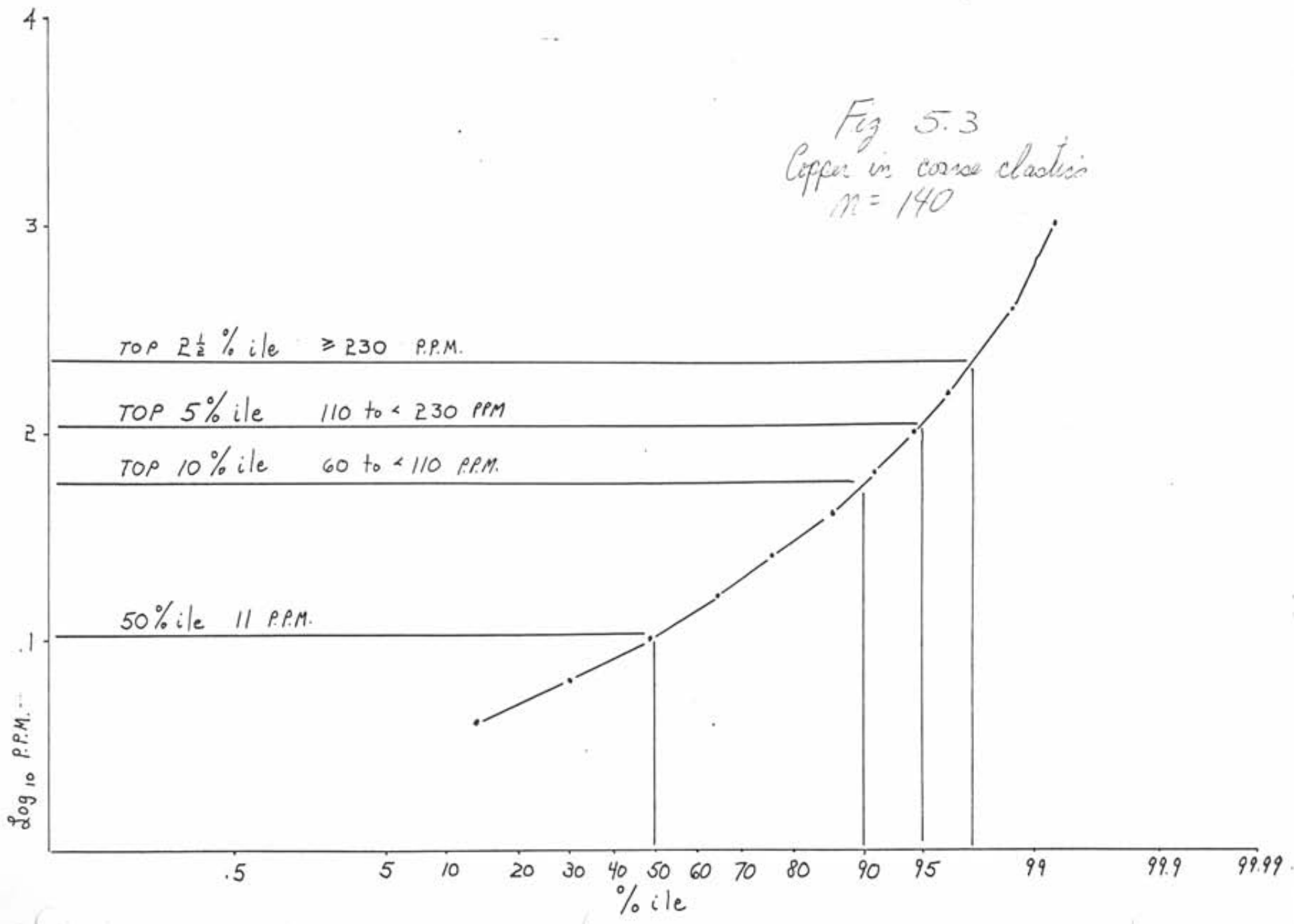
Copper in Carbonate
 $n = 252$

Fig. 5.2
Copper in Carbonate
 $n = 252$



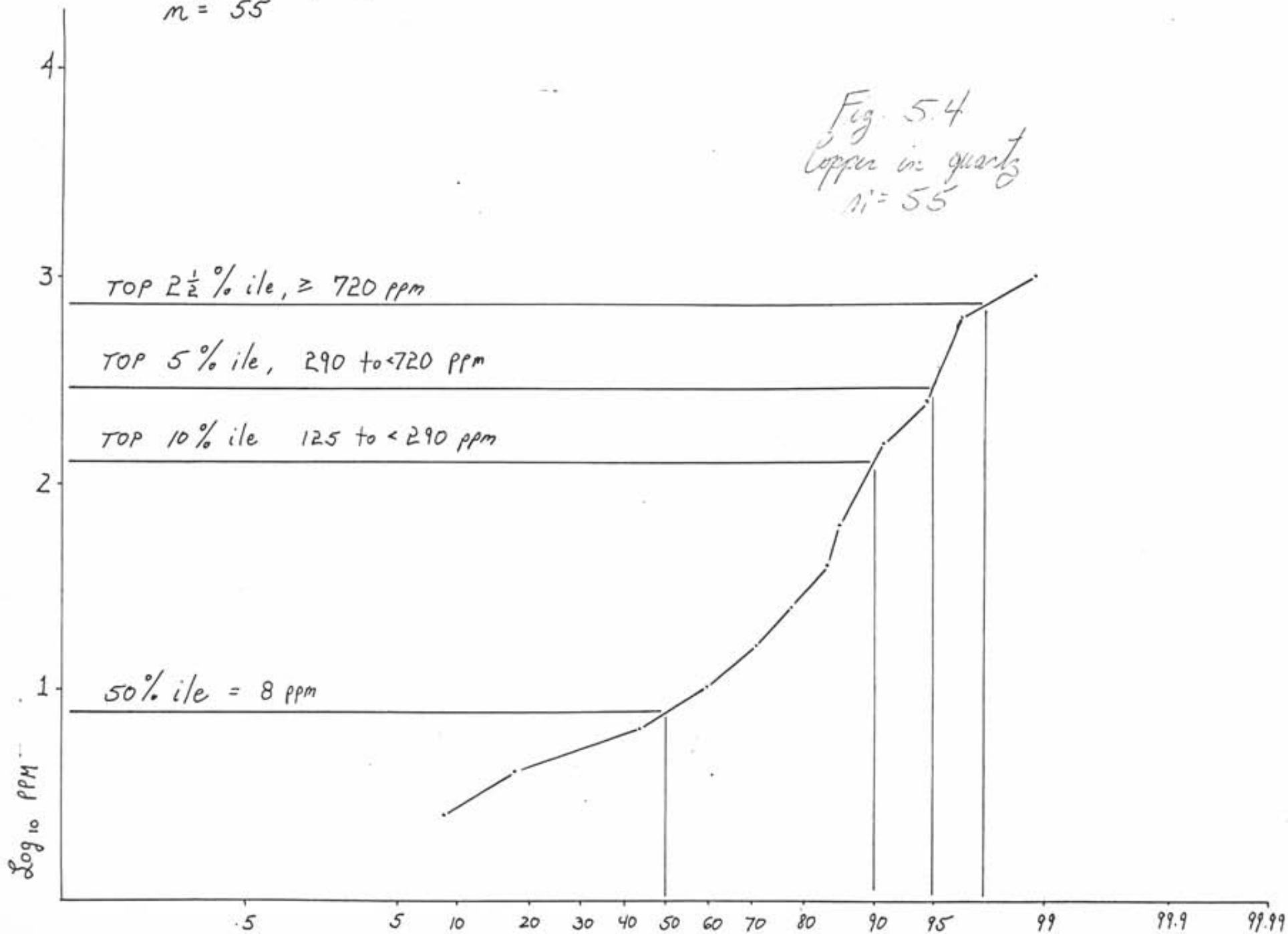
Copper in Coarse Clastics
 $n = 140$

Fig 5.3
Copper in coarse clastics
 $n = 140$

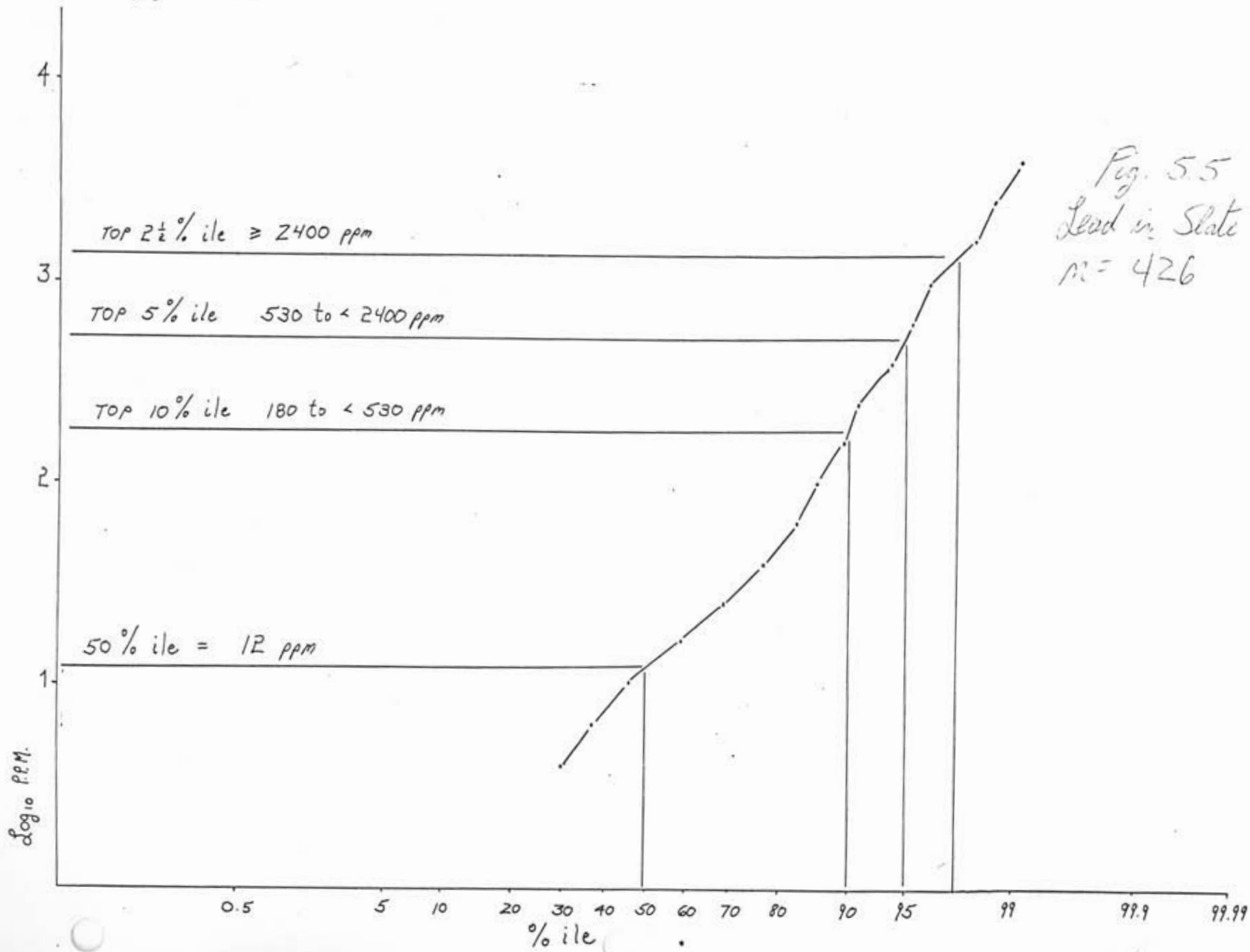


Copper in quartz
 $n = 55$

Fig. 5.4
Copper in quartz
 $n = 55$



Lead in Slate
 $n = 426$



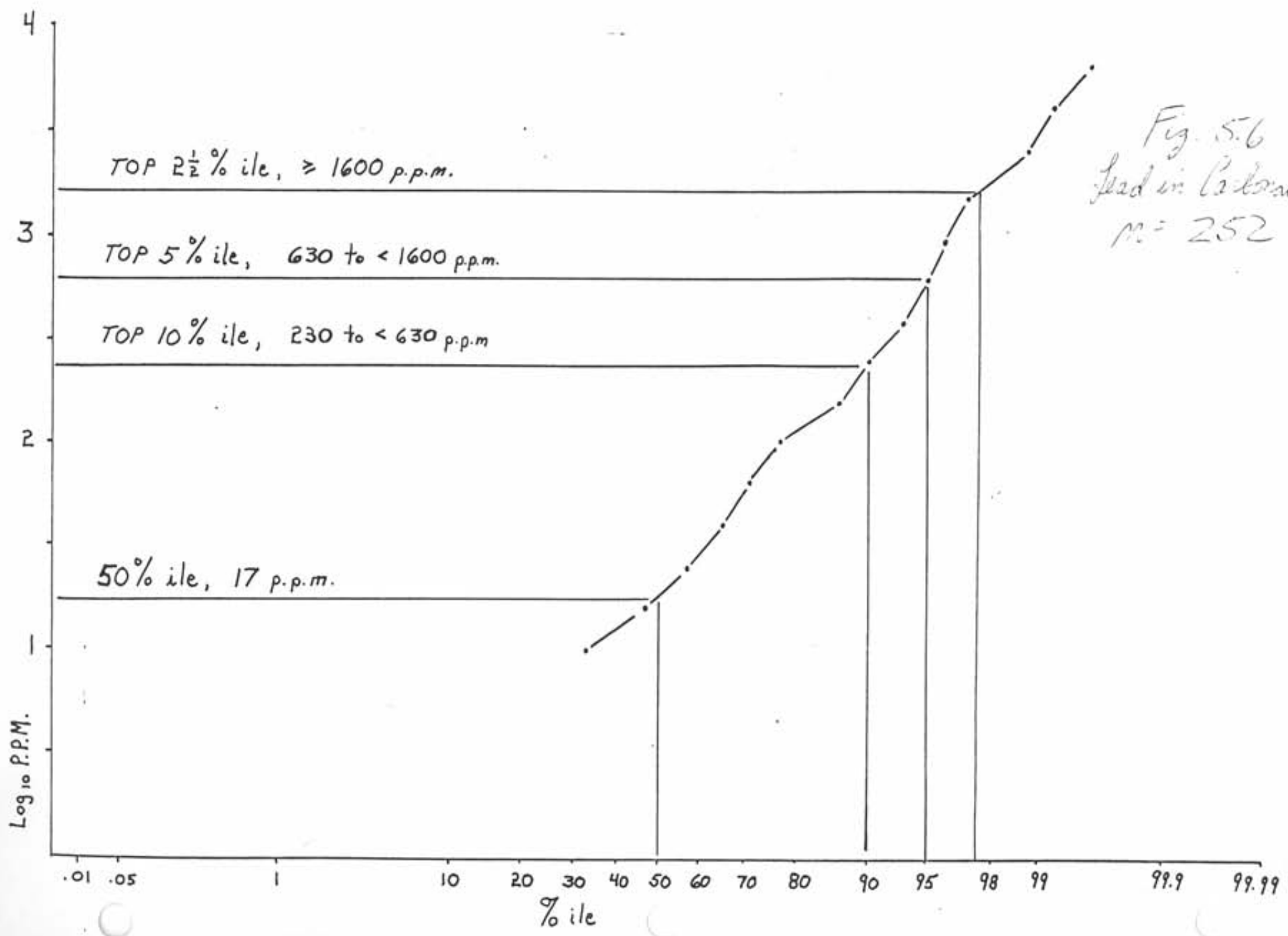
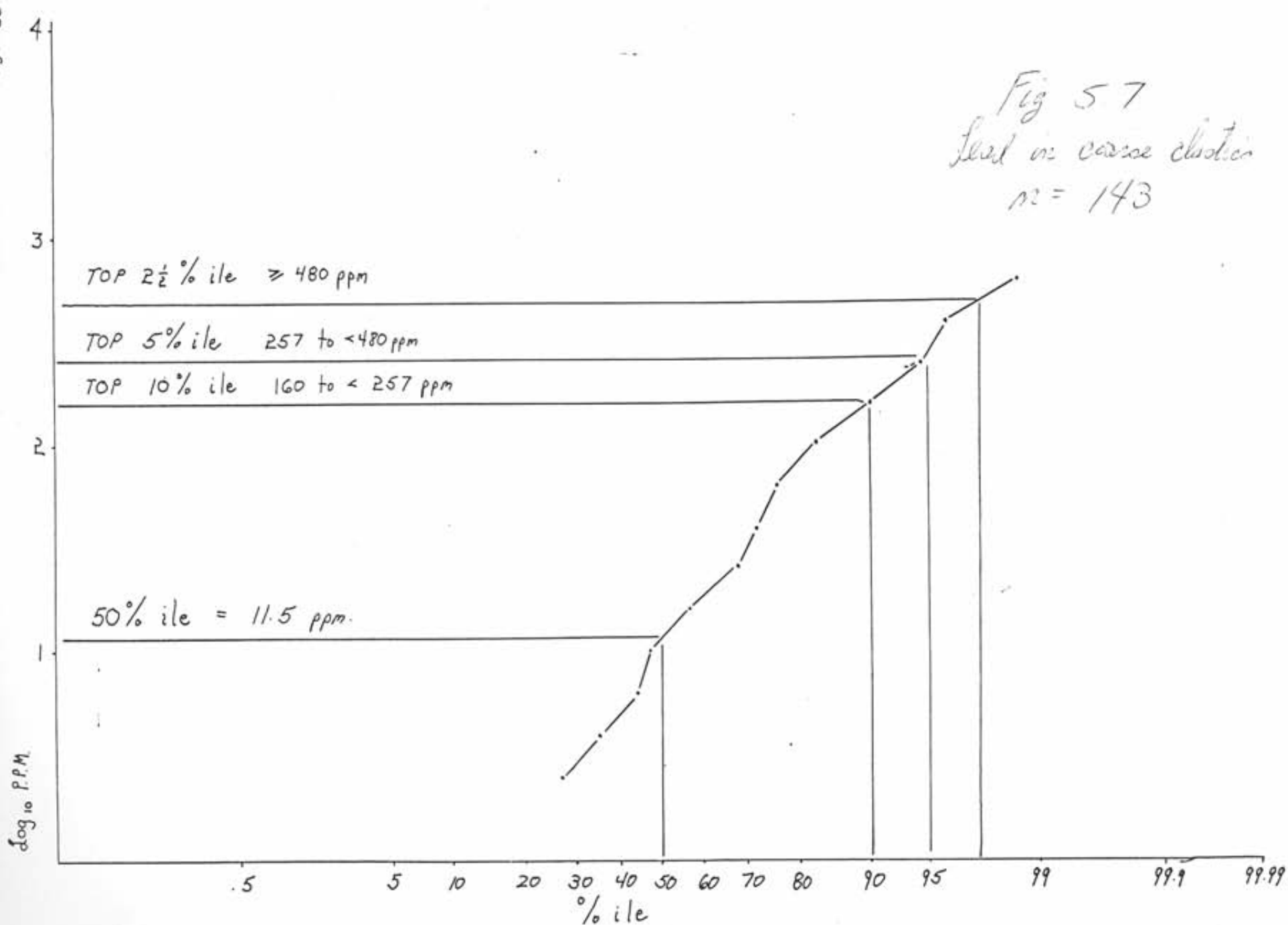


Fig. 5.6
Lead in Carbonate
 $n = 252$

Lead in Coarse Clastics
 $n = 143$

Fig 57
 Lead in coarse clastics
 $n = 143$



Lead in Quartz
 $n = 55$

Page 89

4

TOP 2½% ile ≥ 2100 PPM

TOP 5% ile. 1100 to < 2100 PPM

TOP 10% ile 550 to < 1100 PPM

3

2

1

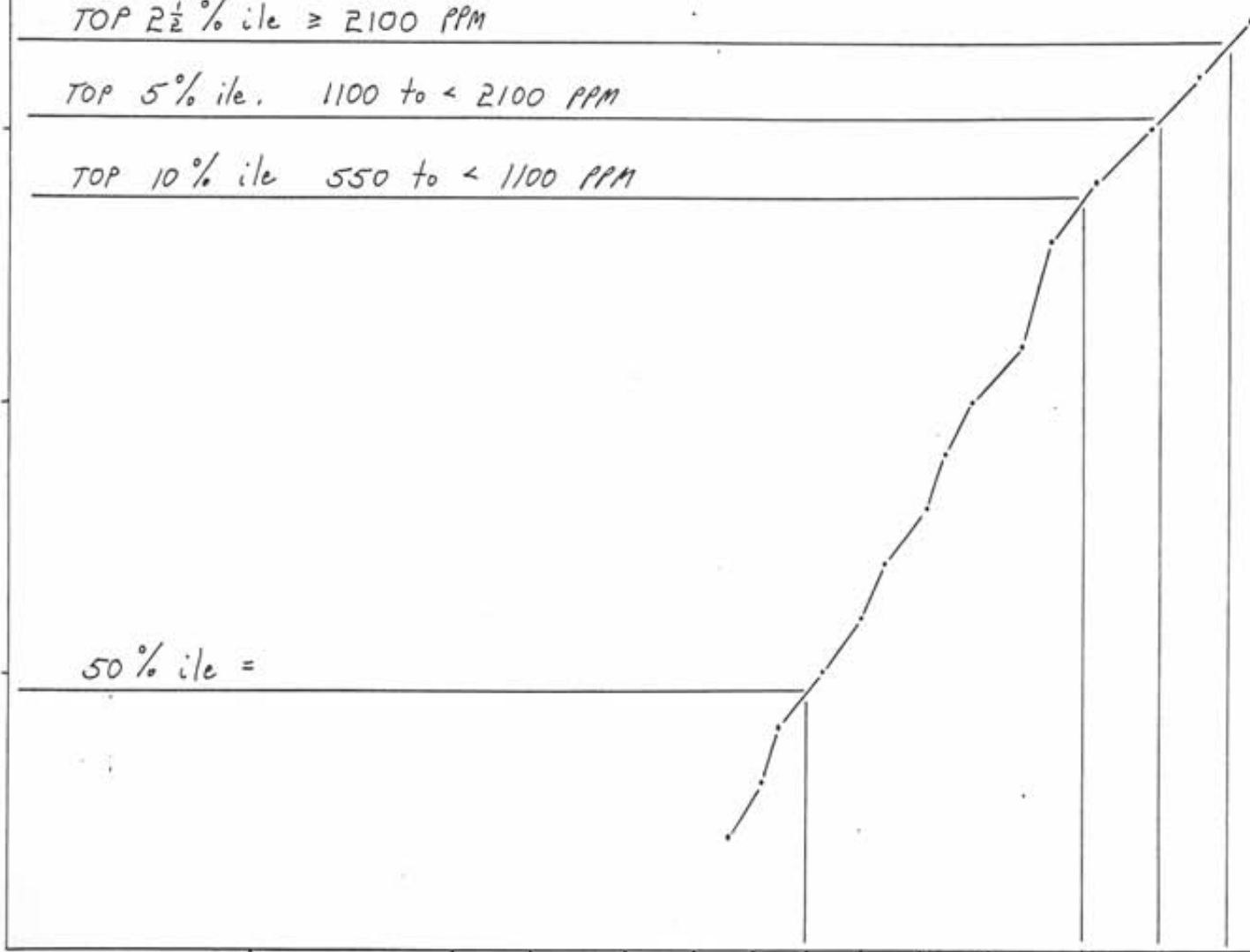
50% ile =

\log_{10} PPM

.5 5 10 20 30 40 50 60 70 80 90 95 99 99.9 99.99

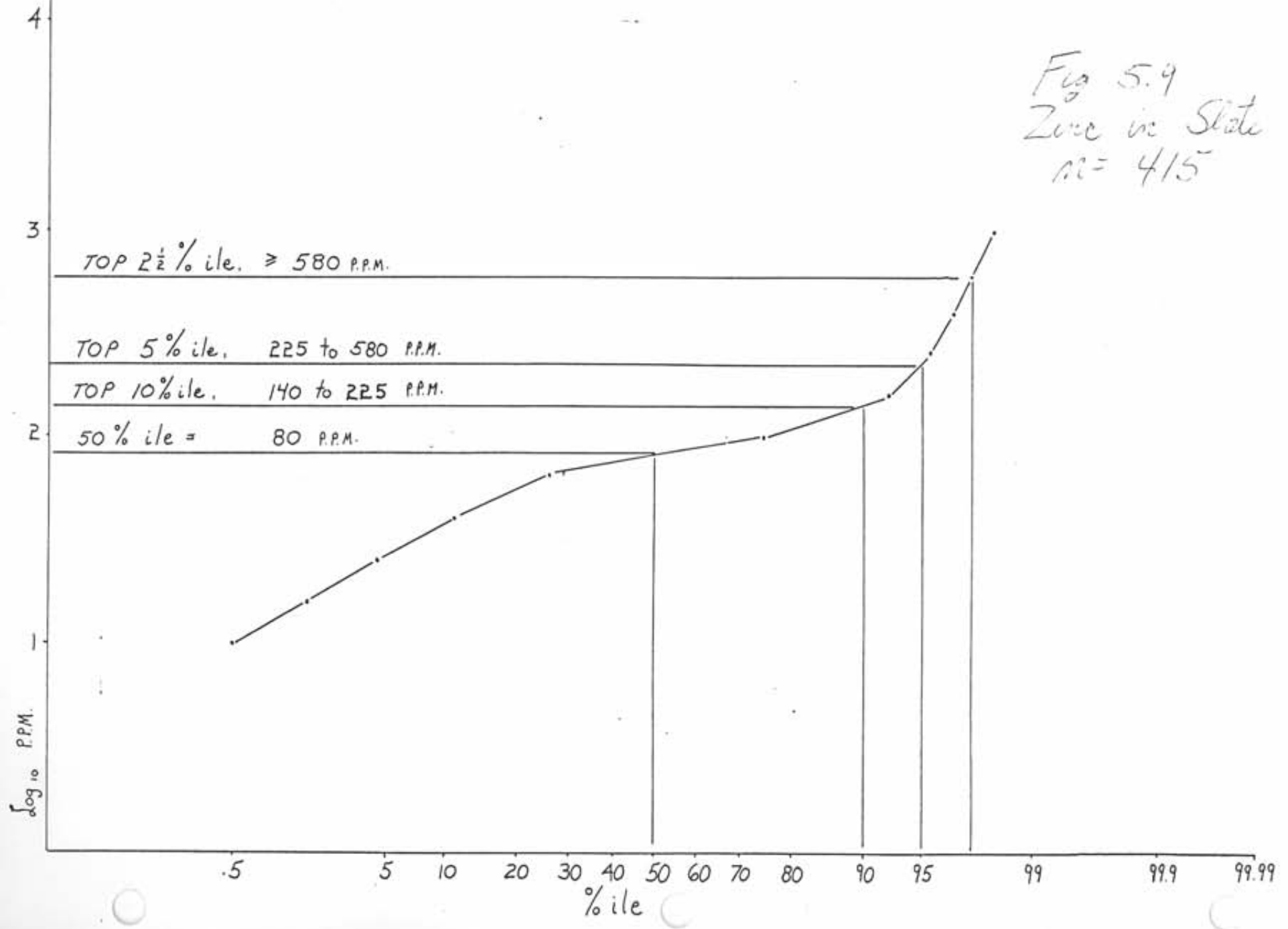
% ile

Fig. 5.8
Lead in quartz
 $n = 55$



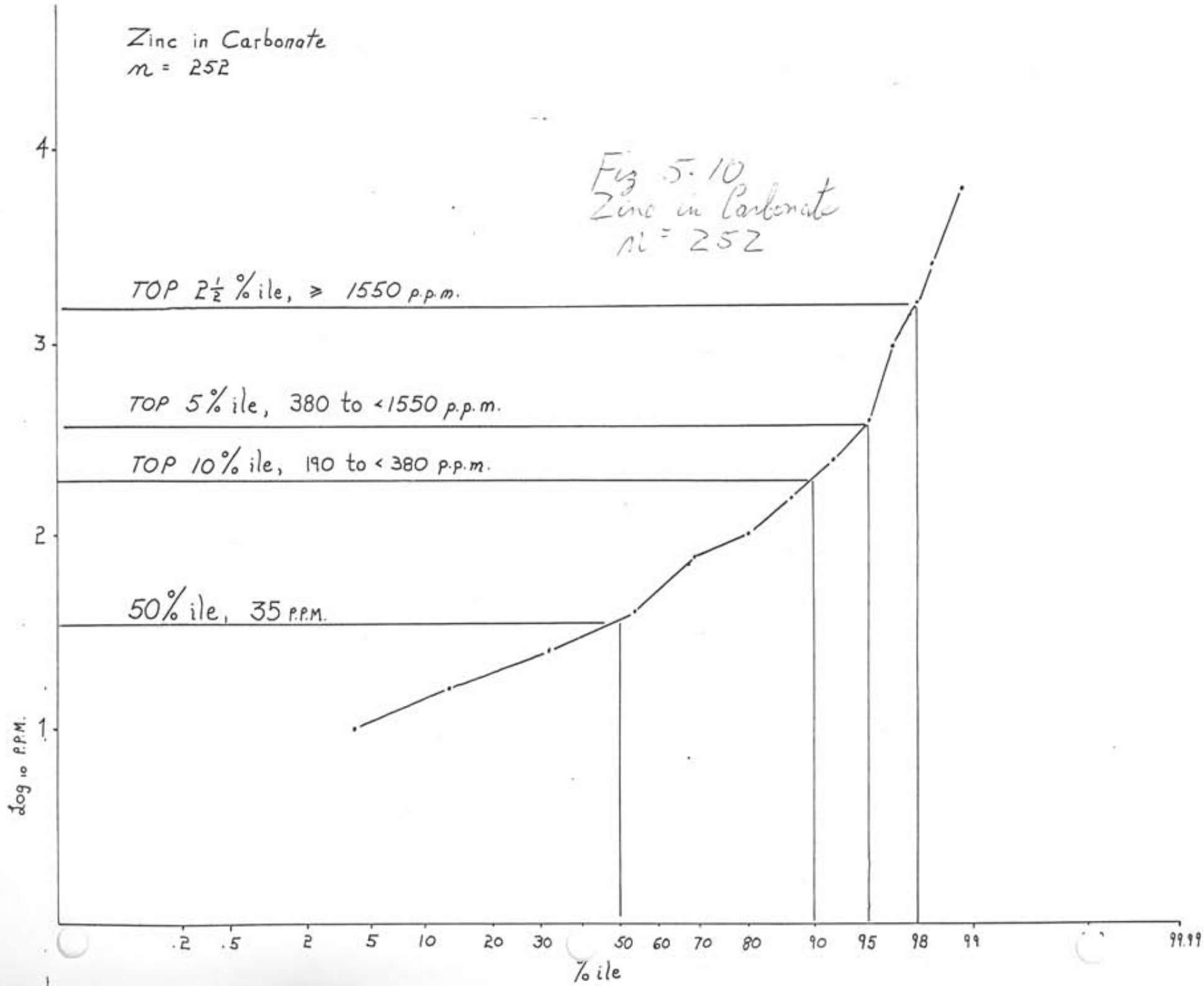
Zinc in Slate
 $n = 415$

Fig 5.9
Zinc in Slate
 $n = 415$

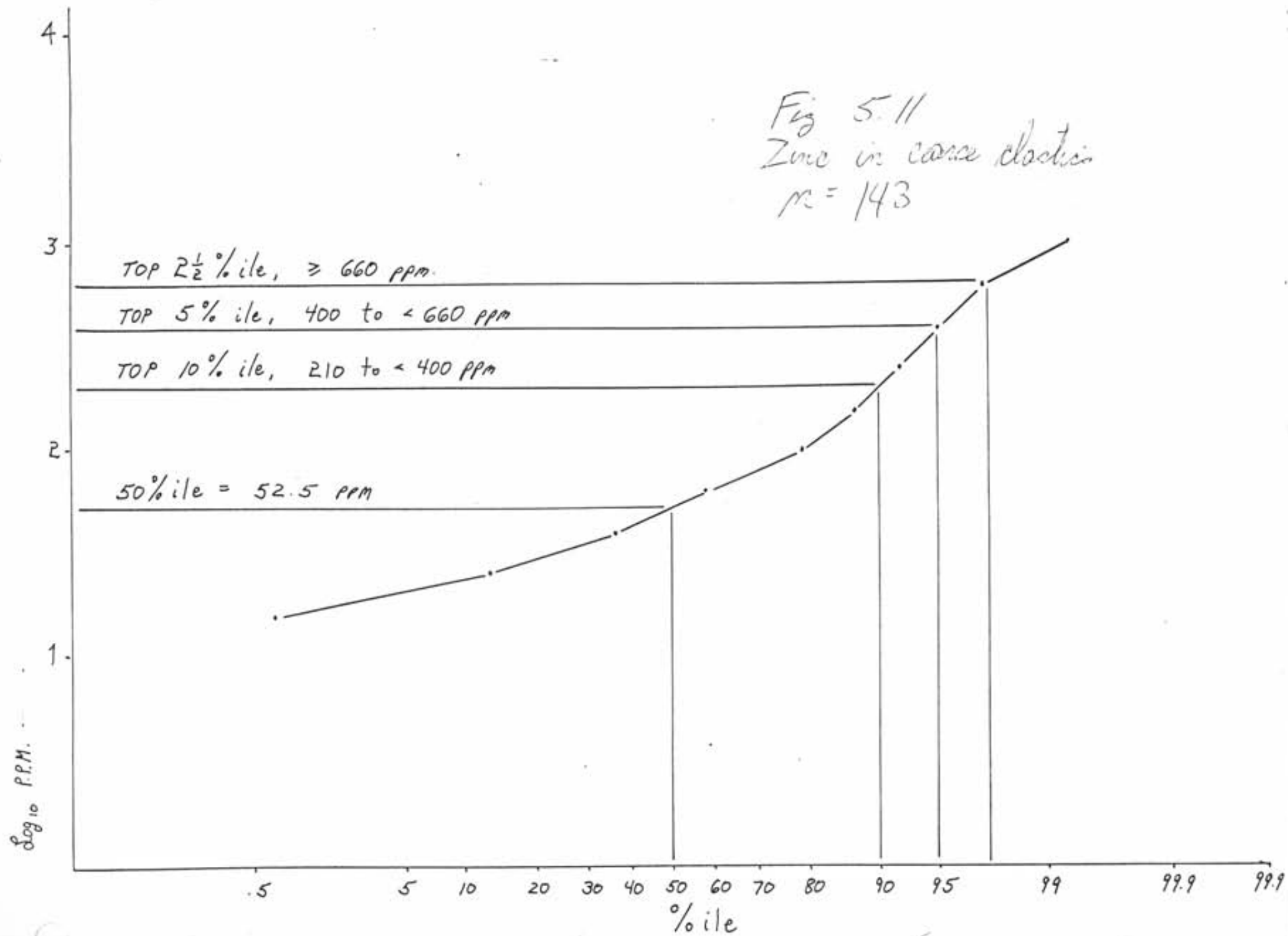


Zinc in Carbonate
 $n = 252$

Fig 5.10
Zinc in Carbonate
 $n = 252$

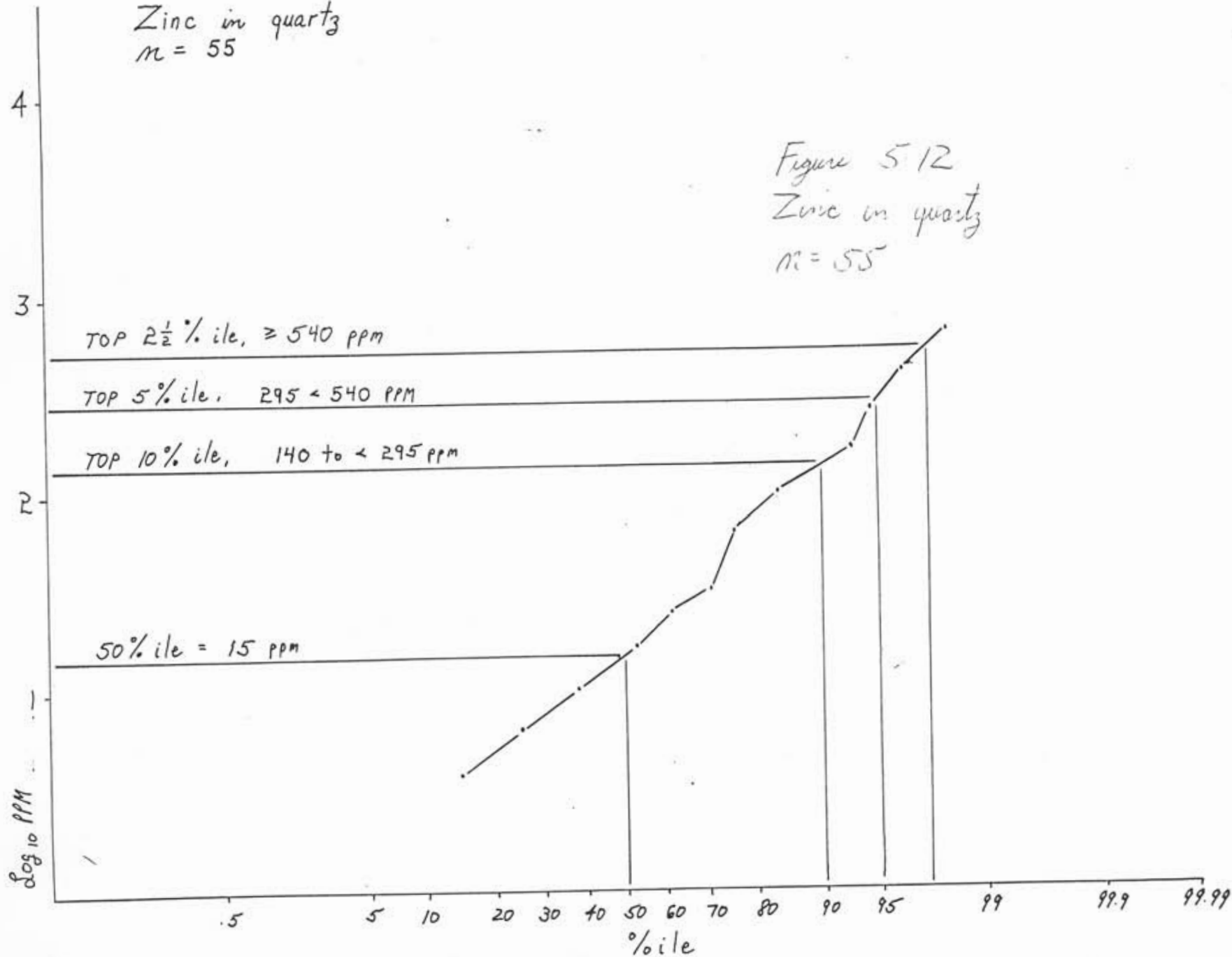


Zinc in Coarse Clastics
 $n = 143$



Zinc in quartz
 $n = 55$

Figure 5.12
Zinc in quartz
 $n = 55$



5.3 HIGHLIGHTS

Top tenor coincident lead and zinc anomalies in carbonate are confined to the slate belt exposed in the crest of the anticlinorium. They are found in the vicinity of Zone 1 at the south end of the belt and close to McMurdo Creek near the north end of the belt. In addition, a number of top tenor coincident lead and zinc anomalies in slate are also found in this belt. The rock geochemical survey has confirmed that the anticlinorium is the structure most likely to host stratabound Pb-Zn mineralization.

APPENDIX 1

Property Data, Deb Claims

Project 24

Record No.	Claim	Staked	Recorded	Units	Anniversary
450	Deb 1	Sept 5/79	Sept 25/79	16	Sept 25/80
451	2	Sept 5/79	Sept 25/79	8	Sept 25/80
452	3	Sept 5/79	Sept 25/79	8	Sept 25/80
453	4	Sept 7/79	Sept 25/79	20	Sept 25/80
454	5	Sept 7/79	Sept 25/79	20	Sept 25/80
455	6	Sept 7/79	Sept 25/79	12	Sept 25/80
530	7	Dec 31/79	Jan 11/80	4	Jan 11/81
531	8	Dec 31/79	Jan 11/80	20	Jan 11/81
532	9	Dec 30/79	Jan 11/80	12	Jan 11/81
533	10	Dec 30/79	Jan 11/80	18	Jan 11/81
534	11	Dec 30/79	Jan 11/80	12	Jan 11/81
535	12	Dec 30/79	Jan 11/80	14	Jan 11/81
575	13	Jan 14/80	Jan 21/80	9	Jan 21/81
536	14	Dec 12/79	Jan 11/80	20	Jan 11/81
537	15	Dec 12/79	Jan 11/80	16	Jan 11/81
538	16	Dec 13/79	Jan 11/80	20	Jan 11/81
539	17	Dec 13/79	Jan 11/80	20	Jan 11/81
576	18	Jan 14/80	Jan 21/80	3	Jan 21/81
577	19	Jan 14/80	Jan 21/80	3	Jan 21/81
578	20	Jan 14/80	Jan 21/80	18	Jan 21/81
579	21	Jan 14/80	Jan 21/80	9	Jan 21/81
540	22	Dec 31/79	Jan 11/80	18	Jan 11/81
541	23	Dec 31/79	Jan 11/80	6	Jan 11/81

Record No.	Claim	Staked	Recorded	Units	Anniversary
542	Deb 24	Dec 31/79	Jan 11/80	4	Jan 11/81
543	25	Dec 31/79	Jan 11/80	16	Jan 11/81
544	26	Dec 13/79	Jan 11/80	18	Jan 11/81
545	27	Dec 13/79	Jan 11/80	18	Jan 11/81
546	28	Dec 13/79	Jan 11/80	18	Jan 11/81
547	29	Dec 13/79	Jan 11/80	18	Jan 11/81
548	30	Dec 13/79	Jan 11/80	18	Jan 11/81
549	31	Dec 13/79	Jan 11/80	18	Jan 11/81
550	32	Dec 13/79	Jan 11/80	15	Jan 11/81
551	33	Dec 13/79	Jan 11/80	20	Jan 11/81
552	34	Dec 13/79	Jan 11/80	15	Jan 11/81
553	35	Dec 13/79	Jan 11/80	18	Jan 11/81
554	36	Dec 13/79	Jan 11/80	18	Jan 11/81
555	37	Dec 13/79	Jan 11/80	10	Jan 11/81
556	38	Dec 12/79	Jan 11/80	18	Jan 11/81
557	39	Dec 12/79	Jan 11/80	18	Jan 11/81
558	40	Dec 12/79	Jan 11/80	12	Jan 11/81
559	41	Dec 29/79	Jan 11/80	20	Jan 11/81
560	42	Dec 29/79	Jan 11/80	20	Jan 11/81
561	43	Dec 29/79	Jan 11/80	20	Jan 11/81
562	44	Dec 29/79	Jan 11/80	20	Jan 11/81
563	45	Dec 29/79	Jan 11/80	16	Jan 11/81
564	46	Dec 29/79	Jan 11/80	12	Jan 11/81
565	47	Dec 29/79	Jan 11/80	9	Jan 11/81

Record No.	Claim	Staked	Recorded	Units	Anniversary
566	48	Dec 29/79	Jan 11/80	12	Jan 11/81
567	49	Dec 13/79	Jan 11/80	20	Jan 11/81
568	50	Dec 13/79	Jan 11/80	15	Jan 11/81
569	51	Dec 13/79	Jan 11/80	20	Jan 11/81
570	52	Dec 13/79	Jan 11/80	20	Jan 11/81
571	53	Dec 13/79	Jan 11/80	10	Jan 11/81
572	54	Dec 13/79	Jan 11/80	20	Jan 11/81
573	55	Dec 13/79	Jan 11/80	20	Jan 11/81
574	56	Dec 13/79	Jan 11/80	20	Jan 11/81
580	57	Jan 14/80	Jan 21/80	15	Jan 21/81
581	58	Jan 14/80	Jan 21/80	15	Jan 21/81
614	59	Feb 24/80	Mar 19/80	20	Mar 19/81
615	60	Feb 23/80	Mar 19/80	16	Mar 19/81
616	61	Feb 23/80	Mar 19/80	18	Mar 19/81
617	62	Feb 24/80	Mar 19/80	16	Mar 19/81
618	63	Feb 24/80	Mar 19/80	16	Mar 19/81
619	64	Feb 25/80	Mar 19/80	12	Mar 19/81
620	65	Feb 26/80	Mar 19/80	8	Mar 19/81
621	66	Feb 26/80	Mar 19/80	12	Mar 19/81
622	67	Feb 26/80	Mar 19/80	6	Mar 19/81
623	68	Feb 26/80	Mar 19/80	9	Mar 19/81
624	69	Feb 23/80	Mar 19/80	20	Mar 19/81
625	70	Feb 23/80	Mar 19/80	12	Mar 19/81
626	71	Feb 23/80	Mar 19/80	20	Mar 19/81

Record No.	Claim	Staked	Recorded	Units	Anniversary
627	72	Feb 23/80	Mar 19/80	20	Mar 19/81
628	73	Feb 26/80	Mar 19/80	20	Mar 19/81
629	74	Feb 26/80	Mar 19/80	8	Mar 19/81
630	75	Feb 26/80	Mar 19/80	8	Mar 19/81
631	76	Feb 26/80	Mar 19/80	4	Mar 19/81
632	77	Feb 26/80	Mar 19/80	16	Mar 19/81
633	78	Feb 26/80	Mar 19/80	16	Mar 19/81
634	79	Feb 25/80	Mar 19/80	8	Mar 19/81
635	80	Feb 25/80	Mar 19/80	8	Mar 19/81

2- (continued)

<u>LIC #</u>	<u>NTS</u>	<u>COMMODITY</u>	<u>OWNER</u>
L11635 L6650 L6651 L6652 L6653 L6654 L6655 L6656	82N3E	Pb-Zn-Ag, The Crown Point Occur.	Beverly Mines Ltd.
L3513	82K14E	Unknown commodity, claim between headwaters of Bennison and Bobbie Burns Creeks	Eugene C. Crowe, Box 23 Osoyoos, B.C. VOH-1V0
L1113	82K14E	As above	John Howard Conner, Box 662 Revelstoke, B.C. VOE-2F0

The Following Crown Grant Licenses could not be traced to source.
Enquiries have been directed to the Ministry of Lands, Housing and Parks.

<u>License #</u>	<u>NTS</u>	<u>Comment</u>
L1091	82N3E	Au-Pb occurrence to SE. of Crown Point.
L5116	82N3E	As above
L3954	82N3E	Cu-Au occurrence to E. of Crown Point.
L6785 to L6787	82N3E-82K14E	Unspecified occurrence between headwaters of Bennison and Bobbie Burns Creek.
L2568-L2569	82K14E	As above
L5114-L5115	82K14E	As above
L778-L779	82K14E	Au-Pb to SE. of Crown Point
L5106	82K14E	Unspecified Occurrence between Headwaters of Bobbie Burns and Bennison Creeks
L649	82K14E	As above

APPENDIX 2CROWN GRANT CLAIM, DEB CLAIMS AND AREA

<u>LIC #</u>	<u>NTS</u>	<u>COMMODITY</u>	<u>OWNER</u>
L652	82K14E	Ag, Au, Pb, near Carbonate Mountain	Florence Alice Scovil, 2423 Central Ave, Victoria, B.C., V8F-257
L1982 L1002 L776 L777	82N3E	Au-Pb to SE. of Crown Point Occurence	Same as above
L1114 L1115	82N3E	Cu-Au to E. of Crown Point Occ.	Same as above
L761 L1117 L5113	82K14	Commodity unknown, claims lie outside of Deb property between headwaters of Bennison and Bobbie Burns Creek	John Ashton, 7952 Burnfield Crescent, South Burnaby, British Columbia
L542 L543	82N3E	Au SE. of confluence of Bobbie Burns and Carbonate Creek	Cochrane Oil and Gas Ltd. 1400 4445th Ave S.W. Calgary, Alberta
L651	82K14E	Ag-Au-Pb near Carbonate Mountain	Same as above
L3951 L3952 L3953	82N3E	Au-Pb to SE. of Crown Point	Helen Bryant Spillimacheen, B.C.
L11630	82N3E	One of the Crown Point Claims	Mr. C.L. Chapman, #216, 905-7th Ave S.W. Calgary, Alberta
L544	82K14E	Ag-Au-Pb near Carbonate Mountain	Harry Abbot (dec.), c/o The Permanent, Acc't #K0016, Box 10152, Pacific Centre North, 701 W. George St, Vancouver, B.C., Y6B-2A2
L11631 L11632 L11633 L11634	82N3E	Pb-Zn-Ag, The Crown Point Occur.	Beverly Mines Ltd, c/o W.E. Mellen P.O. Box 1232, Place D'Armes, Montreal, Quebec A2Y-3K2

APPENDIX 3

PROJECT PERSONNEL DATA SHEET

NAME	ADDRESS	POSITION	PERIOD	SALARY	QUALIFICATIONS
John Brophy	9617 - 84 Avenue EDMONTON, Alberta	Project Manager	March 15-Nov. 15	\$2,300/mo.	Graduate BSc (Hon) Geology, McGill University, 1975. Full time professional experience: 1 year base metal exploration w/Lynx Canada, 4 years Uranium exploration w/Urangesellschaft, 1 year base metal and uranium exploration w/First Nuclear Corporation. Currently senior geologist w/First Nuclear
Ewan Yeates	Box 547 KELVINGTON, Sask.	Prospector *	June 1-Sept. 27	\$2,250/mo.	Graduate of Mining Technology, Lakehead University. Thirteen years experience in all phases of geological exploration
John Gardiner	37 Armitage Dr. SCARBOROUGH, Ont.	Project Geologist	June 1-Sept. 1	\$1,600/mo.	Graduate BSc Geology, 1980, University of Toronto. Two years previous summer mapping and exploration experience
Ross Almborg	Box 161 CZAR, Alberta	Senior Assistant	June 1-Oct. 1	\$1,575/mo.	Graduate of Northern Alberta Institute of Technology, 1980. Holds Minerals Diploma. One year previous summer exploration experience
John Chan	11036 Beaumaris Rd. EDMONTON, Alberta	Junior Assistant	June 1-Aug. 23	\$1,400/mo.	Student in Geophysics Program at Northern Alberta Institute of Technology

NAME	ADDRESS	POSITION	PERIOD	SALARY	QUALIFICATIONS
Robert Mottram	General Delivery ENTWHISTLE, Alberta	Junior Assistant	May 26-Aug. 22	\$1,400/mo.	Student in Earth Resources Program at Northern Alberta Institute of Technology
Andrew Lemessurier	138 Hearthstone EDMONTON, Alberta	Junior Assistant	June 1-July 15	\$1,200/mo.	Student at Northern Alberta Institute of Technology
Mitchell Sales	39 Armitage Drive SCARBOROUGH, Ontario	Junior Assistant	July 15-Sept. 1	\$1,125/mo.	Graduate of Seneca College, Resource Engineering Technician
Robert Yule	9715 - 111 Street EDMONTON, Alberta (since moved)	Cook	May 15-Oct. 1	\$1,550/mo.	Two years previous experience in the food business.
Erin Yule	9715 - 111 Street EDMONTON, Alberta (since moved)	Factotum	May 15-Oct. 1	\$890/mo.	One previous summer of experience as factotum in a geological field camp

APPENDIX 4

HELICOPTER UTILIZATION

HELICOPTER UTILIZATION

<u>DATE</u>	<u>OKANAGAN FLIGHT REPORT #</u>	<u>HOURS</u>	<u>CUMULATIVE HOURS</u>
June 11	372554	2.3	2.3
14	372538	1.5	3.8
15	372539	1.5	5.3
17	372544	2.0	7.3
18	372557	2.0	7.3
20	372562	1.7	10.7
21	372565	1.4	12.1
22	372568	1.5	13.6
24	372573	1.2	14.8
July 1	380833	0.7	15.5
2	380835	1.4	16.9
3	380838	0.9	17.8
4	380841	1.3	19.1
5	380576	4.0	23.1
6	380844	0.7	23.8
11	380976	0.5	24.3
17	380990	1.8	26.1
18	380994	2.5	28.6
19	380996	1.6	30.2
20	380997	1.5	31.7
21	380999	1.6	33.3
23	385634	1.6	34.9
24	385638	1.4	36.3
25	385639	1.9	38.2
26	385643	0.9	39.1
26	358437	1.0	40.1
27	358439	2.0	42.1
30	358450	2.0	45.9
31	385352	1.4	47.3
Aug. 1	385354	1.8	49.1
3	385358	5.9	55.0
4	385648	1.8	56.8
7	385652	2.2	59.0
8	385654	1.2	60.2
9	385658	1.4	61.6
10	385662	0.6	62.2
10	383517	0.6	62.8
11	3853519	1.9	64.7
14	385664	1.2	65.9

<u>DATE</u>	<u>OKANAGAN FLIGHT REPORT #</u>	<u>HOURS</u>	<u>CUMULATIVE HOURS</u>
Aug. 15	385668	1.5	67.4
16	385672	2.0	69.4
22	385688	1.2	70.6
25	385693	1.0	71.6
Sept. 5	392308	1.4	73.0
8	392317	1.4	74.4
11	392324	1.8	76.2
14	392353	1.4	77.6
16	384984	0.8	78.4
16	384985	0.8	79.2
21	384994	0.8	80.0
28	393634	3.2	83.2

APPENDIX 5

ROCK SAMPLE DATA SHEETS, (Pgs. 1-62) *(of appendix)*

STREAM SEDIMENT SAMPLE DATA SHEETS, (Pgs. 63-106) *(of appendix)*

Rock sample data sheets display the following information:

1. Sample Number, (eg: 1-28):

Corresponds to numbers on rock sample location maps, drawings 6a and 7A.

2. Location of Sample:

By Easting and Northing according to the simplified version of the UTM grid found on all drawings that accompany this report.

3. Type:

Either outcrop (O) or float (F)

4. Comments:

Miscellaneous comments are entered under this column.

5. Analytical Results:

Cu, Pb, and Zn values are expressed in parts per million. Ag and Au values are expressed in oz/ton. The following codes are used:

ND = not detected

NA = Not analyzed

Tr = Trace

MS = Missing sample

6. Lithology:

Lithologies are coded according to the classification used in the field. This classification has been generalized somewhat on the geological map (Dwg. 3) that accompanies this report. The field classification is described below.

Unit	Description
1	Quartz pebble conglomerate
1a	buff, massive quartz pebble conglomerate
1b	grey to green, massive quartz pebble conglomerate
1c	buff, fracture-cleaved quartz pebble conglomerate
1d	grey to green, fracture cleaved quartz pebble conglomerate

Unit	Description
2	Grit
2a	Buff, massive grit
2b	Grey to green massive grit
2c	Buff fracture-cleaved grit
2d	Grey to green, fracture cleaved grit
3	Quartzite
4	Carbonate
4a	Black, graphitic carbonate
4b	Grey to black carbonate
4c	Buff carbonate
5	Slate
5a	Dark grey to black slate
5b	Dark grey to black, varvy slate
5c	Grey-green to green slate
5d	Grey-green to green varvy slate
5e	As 5a, but phyllitic
5f	As 5b, but phyllitic
5g	As 5c, but phyllitic
5h	As 5d, but phyllitic
6	Grey to black argillate
q	quartz vein

Other Codes

Suffix p = pyritic
 Suffix q = highly quartz-veined
 N.A. = not applicable

Stream Sediment Sample data sheets display the following information:

1. Sample Number (eg: 1-44):

Corresponds to numbers on stream sediment sample location map, Dwg. 5A.

2. Location of Sample:

By Easting and Northing according to the simplified version of the UTM grid found on all drawings that accompany this report.

3. Elevation:

Elevation of sample site in feet A.S.L.

4. Class:

A subjective rating of the size of the stream channel

1. large stream (e.g. McMurdo Creek, trunk streams)
2. medium stream
3. small stream
4. very small stream
5. arroyo
6. seep

5. Rate:

A subjective rating of the flow of the stream based on slope.

0. flat
1. gentle slope
2. moderate slope
3. steep slope

6. Composition:

Composition of sample is described as follows:

1st digit - % gravel) Total 100%
2nd digit - % sand to silt	
3rd digit - % silt to clay	
4th digit - % organics	

7. Lithology:

Site lithology is expressed using the same numerical code described for the Rock Sample Data Sheets.

8. Comments:

Miscellaneous comments are entered under this column.

9. Analytical Results:

Cu, Pb, and Zinc values are expressed in parts per million.

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-1	01.50	62.30	F	3pq						
1-2	02.20	61.60	F	2a	Fine grained, Muscovite flecked					
1-3	08.55	52.14	O	5e						
1-4	08.50	52.26	F	3	C.G., Buff -					
1-5	08.40	52.40	O	25a	Muscovite flecked					
1-6	05.70	48.50	F	q	Qtz. & carbonate vein					
1-7	04.90	46.25	O	4	F.G. To H.G. Arenaceous Lstn.					
1-8	04.76	46.50	F	4	Graphitic Lstn.					
1-9	92.20	60.26	F	2e?	Gritty Lstn.					
1-10	92.30	60.10	F	4	V.C.G., Bl Xline					
1-11	92.73	59.30	F	4b						
1-12	92.65	59.70	F	NR						
1-13	90.90	60.70	F	NR						
1-14	89.64	55.40	F	q	Massive Galena, Crown Point area					
1-15	89.00	56.50	O	4b	Striated					
1-16	98.46	47.10	O	q	Galena-Sph vein Str. 090°	100	100	48000	0.05	0.037
1-17	98.50	47.02	F	NA	Massive Galena 60 lb.	100	340000	80	18.69	0.002
1-18	98.60	46.90	O	q	Aspy. Gal. Sph. vein	5500	4800	15800	12.55	0.112
1-19	98.40	46.90	O	q	Gal. Sph. Vein	12900	24800	280	6.65	0.002
1-20	99.20	58.26	F	q	W/sparse Gal.	100	22800	60	1.17	0.02
1-21	95.50	58.50	O	q	W/Cpy. & Malachite					
1-22	95.50	58.50	F	q	" "					
1-23	95.50	58.50	F	q	" "					
1-24	98.50	47.02	F	q	Aspy. Gal. Vein	Tr	500	TR	0.116	0.175
1-25	NA	NA	O	4	From Ruth Vermont, not visibly mineralized	Tr	Tr	800	0.029	0.004
1-26	00.92	45.97	O	5bp		109	9	135		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-27	00.92	45.97	0	5bp	Gossaned	9	3	81		
1-28	00.97	46.12	0	q	Stock work	13	2	22		
1-29	00.75	46.16	0	5bp	W/Thin rusty strata bound Qtz. veins	66	990	72		
1-30	00.75	46.16	0	5bp	W/Blue hematite? Stain	23	9	96		
1-31	00.45	46.70	0	5bp		29	34	79		
1-32	02.20	47.20	0	5bp		33	18	67		
1-33	01.90	47.10	0	5bp		14	NO	86		
1-34	02.00	47.37	0	5bp		14	3	58		
1-35	01.80	47.45	0	5bp		39	4270	94		
1-36	03.90	48.92	0	5a		48	7	72		
1-37	03.90	48.92	0	4b		12	65	17		
1-38	03.94	49.00	0	5c4c	W/Malachite stain	1270	325	27		
1-39	03.94	49.08	0	5c						
1-40	03.92	49.20	0	5a		80	26	73		
1-41	03.40	49.65	0	5c4c		52	11	29		
1-42	=98.90	47.15	0	5b		41	11	83		
1-43	=98.90	47.15	F	4b		14	15	35		
1-44	=98.90	47.15	0	54b		48	4	97		
1-45	=98.90	47.15	F	4bp		19	7	24		
1-46	=98.90	47.15	0	25		15	12	54		
1-47	=98.90	47.15	0	5dp		49	18	78		
1-48	=98.90	47.15	0	5bp		49	16	56		
1-49	=98.90	47.15	F	5bp		42	13	57		
1-50	=98.90	471.5	F	5dp		27	2	86		
1-51	=98.90	47.15	0	5eq		66	2	230		
1-52	=98.90	47.15	0	5b,25		10	21	36		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-53	≈98.90	47.15	F	4	W/Gal.	Tr	46000	40500	1.314	0.002
1-54	≈98.90	47.15	F	4	W/Gal.	77	9620	38500		
1-55	≈98.90	47.15	F	5b		26	880	1450		
1-56	≈98.90	47.15	0	5e		4	100	145		
1-57	≈98.90	47.15	F	4	W/Calcite Veins	14	800	2450		
1-58	≈98.90	47.15	0	4b		5	18	265		
1-59	≈98.90	47.15	0	5e		21	14	145		
1-60	≈98.90	47.15	0	5e		19	5	73		
1-61	≈98.90	47.15	F	4		9	30	61		
1-62	≈98.90	47.15	F	4bp		17	19	54		
1-63	≈98.90	47.15	F	5epq		14	7	68		
1-64	≈98.90	47.15	F	5e	Gossaned	30	No	61		
1-65	≈98.90	47.15	F	5e	Gossaned	12	30	55		
1-66	≈98.90	47.15	F	4	W/Gal.	44	2320	30000		
1-67	≈98.90	47.15	F	5bp		48	1000	1750		
1-68	≈98.90	47.15	0	5b		38	122	290		
1-69	≈98.90	47.15	0	q	Old Workings, w/Gal, Sph.	200	9200	33000	1.168	0.019
1-70	≈98.90	47.15	0	54b		52	344	195		
1-71	≈98.90	47.15	0	5bp		17	186	57		
1-72	≈98.90	47.15	F	4bp		31	129	53		
1-73	≈98.90	47.15	F	5bp		33	20	93		
1-74	≈98.90	47.15	F	4	C.G. Buff	9	176	83		
1-75	≈98.90	47.15	F	4bp		7	38	46		
1-76	≈98.90	47.15	0	5b		26	12	81		
1-77	≈98.90	47.15	0	4bp		5	127	82		
1-78	97.58	49.56	F	q	W/Azurite	20800	930	2600		
1-69b	98.90	47.15	0	54	W/Galena, Sphalerite stringers	Tr	2400	19500	0.379	0.001
1-66b					Repeat of 1-66	100	45000	3300	1.138	0.005

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-105	00.55	52.58	F	5bp	Gossaned	118	44	84		
1-106	00.52	52.44	F	5b		16	40	79		
1-107	00.55	52.70	F	5bp		24	6	86		
1-108	00.34	52.75	F	5b		18	21	78		
1-109	00.12	52.82	F	5bp		42	185	59		
1-110	95.67	56.00	0	4p	C.G., Buff	16	7	17		
1-111	95.70	56.07	0	4	C.G., Buff	4	8	9		
1-112	95.70	56.12	0	4bp		11	12	19		
1-113	95.70	56.20	0	4p		4	6	11		
1-114	95.70	56.20	0	5p		7	5	29		
1-115	95.69	56.24	0	4	V.C.G., Bl.	3	7	19		
1-116	95.69	56.24	0	4bp		4	2	11		
1-117	95.68	56.30	0	4p	C.G., Buff	4	11	16		
1-118	95.68	56.36	0	4p	M.G., Grey	6	11	20		
1-119	95.66	56.43	0	4	C.G., Buff	5	14	13		
1-120	95.66	56.48	0	4b		6	18	18		
1-121	95.66	56.54	0	4b		5	4	17		
1-122	95.65	56.60	0	4b	Rusty	5	12	14		
1-123	95.65	56.60	0	5bp		38	15	64		
1-124	95.68	56.67	0	5bp		43	17	65		
1-125	95.69	56.80	0	4p	C.G., Buff	6	8	19		
1-126	95.70	56.94	0	5bp		12	7	24		
1-127	95.72	57.05	0	4p	C.G., Buff	19	11	41		
1-128	95.72	57.05	0	5bp		29	4	95		
1-129	95.87	57.10	F	4bp	Gossaned	500	7	54		
1-130	96.20	56.97	0	5bp	!//Hematite Stain?	53	22	90		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-131	96.10	56.80	F	5bp		240	44	59		
1-132	95.97	56.64	0	4bp		5	6	15		
1-133	96.04	56.60	0	4	C.G., Buff, Rusty	3	6	11		
1-134	96.18	56.45	F	25bp	Gossaned	18	110	7		
1-135	96.17	56.30	F	25bp	Gossaned	31	36	11		
1-136	96.30	56.14	0	4p	C.G., Buff	5	2	10		
1-137	96.32	56.03	0	4b		4	8	34		
1-138	96.33	55.94	0	4b		7	6	21		
1-139	96.34	55.83	F	4b		5	11	18		
1-140	96.38	55.54	F	4b		9	8	12		
1-141	96.74	55.68	F	5bp		20	7	80		
1-142	96.86	55.40	F	4	C.G., Buff, Rusty	4	23	15		
1-143	91.34	58.67	0	4	C.G.	9	49	67		
1-144	91.36	58.64	0	4b		11	59	21		
1-145	91.32	58.60	0	4b		5	15	19		
1-146	91.28	58.55	0	4b		4	5	10		
1-147	91.26	58.52	0	4b		2	5	11		
1-148	91.25	58.48	0	5c4c	Malachite Stained	14	18	25		
1-149	91.25	58.48	0	5c4c	Malachite Stained	294	22	32		
1-150	91.25	58.48	0	5c4c	Malachite Stained	253	24	33		
1-151	91.25	58.48	0	5c4c		6	35	34		
1-152	91.25	58.48	0	5c4c		4	19	18		
1-153	91.25	58.48	0	5c4c		2	40	47		
1-154	91.25	58.48	0	5c4c		3	42	36		
1-155	91.24	58.43	0	4b		11	9	12		
1-156	91.22	58.30	0	4b		4	ND	7		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-157	91.29	58.02	0	4b		2	3	11		
1-158	91.49	57.42	F	4b		7	15	160		
1-159	91.48	57.00	0	5bp		31	81	51		
1-160	91.44	58.48	0	5bp		86	159	69		
1-161	85.83	55.37	0	5b		62	5	91		
1-162	85.77	55.43	0	5bp		9	213	88		
1-163	85.67	55.60	0	5bp		58	ND	135		
1-164	96.20	55.44	0	5bp		38	39	97		
1-165	86.50	55.39	0	5bp		64	19	120		
1-166	86.47	55.61	0	5bp		41	18	98		
1-167	86.36	56.00	0	5bp		24	15	63		
1-168	86.50	56.32	F	4bp		4	38	34		
1-169	86.48	56.50	0	5bp		66	43	94		
1-170	86.68	56.70	F	4bp		5	24	19		
1-171	86.74	56.75	F	4bp		17	5	41		
1-172	86.97	56.95	0	q	4m thick, Gossaned	5	ND	37		
1-173	94.70	43.80	F	5c		18	1	93		
1-174	95.30	44.30	F	5c		17	ND	130		
1-175	94.60	43.90	F	25		8	11	64		
1-176	96.15	44.80	F	5cp		16	21	73		
1-177	95.80	44.45	F	5c		42	11	87		
1-178	95.45	49.40	F	5c		22	ND	88		
1-179	96.50	44.60	F	2a		28	3	36		
1-180	95.98	49.05	F	5c		36	5	125		
1-181	95.95	49.50	F	2b		7	ND	22		
1-182	93.85	50.22	F	5c		33	ND	87		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-183	93.70	49.75	F	5c	Rusty	41	ND	88		
1-184	93.70	53.70	F	5c	Rusty	29	7	13-		
1-185	93.80	52.95	F	NR		5	ND	26		
1-186	93.85	58.78	F	5c		39	7	88		
1-187	93.15	52.95	F	5c	Rusty	50	11	94		
1-188	93.90	54.30	F	5c		17	15	97		
1-189	93.20	53.02	F	5c	Rusty	26	ND	76		
1-190	93.15	54.00	F	5b		19	11	165		
1-191	92.95	54.18	F	5c		83	11	86		
1-192	93.25	54.05	F	5c		15	5	130		
1-193	92.10	52.05	F	5cp		20	9	26		
1-194	91.95	51.95	F	4	Green. Banded	15	ND	83		
1-195	92.15	52.85	F	2,5		32	8	71		
1-196	91.40	52.50	F	5cp		38	47	92		
1-197	92.60	56.80	F	5c		94	16	96		
1-198	91.22	51.15	F	5cp		41	5	87		
1-199	92.50	56.75	F	5cp		84	191	89		
1-200	91.92	56.30	F	1a		4	ND	28		
1-201	91.80	56.60	F	2a		4	ND	41		
1-202	92.20	56.00	F	5c		35	7	115		
1-203	92.70	56.10	F	5c		20	ND	81		
1-204	92.92	56.50	F	5c	Rusty	32	92	135		
1-205	93.05	56.75	F	2a		7	3	26		
1-206	93.70	57.10	F	5cp		16	ND	96		
1-207	93.75	56.75	F	2,5		17	6	59		
1-208	94.95	56.70	F	2ap		11	19	12		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-209	94.00	57.00	F	2a		10	1	61		
1-210	94.85	57.30	F	5b		19	4	98		
1-211	91.82	58.65	F	4b		5	ND	7		
1-212	91.98	58.93	F	2?		12	4	25		
1-213	91.07	57.03	F	5c	Rusty	60	7	91		
1-214	91.00	57.30	F	5c		64	43	93		
1-215	90.90	57.82	F	2,5p		43	13	96		
1-216	90.50	57.76	F	5c		7	ND	79		
1-217	90.90	57.18	F	5cp		16	1	88		
1-218	91.05	54.72	F	5c	W/Lstn Clasts	41	75	39		
1-219	90.00	54.15	F	5b		27	3	93		
1-220	90.45	54.10	F	5c		51	16	89		
1-221	88.76	63.70	F	5c		31	5	97		
1-222	88.10	64.05	F	5cp		12	14	110		
1-223	88.00	64.35	F	5c		12	1	26		
1-224	94.72	61.82	F	4b		18	6	43		
1-225	94.20	62.20	F	5c		32	9	91		
1-226	00.60	58.40	F	4b		20	ND	77		
1-227	03.15	46.85	F	5c	Rusty	37	12	78		
1-228	03.00	46.82	F	5cp		13	1	65		
1-229	03.30	46.35	F	2a		29	68	83		
1-230	03.60	47.35	F	5cp		26	5	80		
1-231	04.00	47.92	F	5c		2	ND	195		
1-232	03.80	47.75	F	5cp		15	2	77		
1-233	05.00	48.70	F	5c		2	3	97		
1-234	05.83	50.40	F	5f		22	4	140		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-235	01.12	51.62	F	2a		7	ND	31		
1-236	01.40	51.80	F	5b		32	25	87		
1-237	05.40	51.00	F	4	Arenaceous lstrn W/Vsbl Gal.					
1-238	87.32	63.12	0	q	Stock work area W/cpy.	24	822	502		
1-239	87.10	63.20	0	5d	Rusty	126	29	78		
1-240	86.70	62.96	0	5ap	Rusty	197	562	52		
1-241	86.71	62.82	F	2	Limey, Gossanous	11	14	198		
1-242	99.40	58.15	F	5dq	W/cpy & malachite	237	45	34		
1-243	99.50	58.15	F	5c		45	33	127		
1-244	99.50	58.15	F	1	W/Malachite Stain	413	51	101		
1-245	99.50	58.15	F	5aq	Qtz. W/malachite stain	174	17	98		
1-246	99.50	58.15	F	5c		25	133	38		
1-247	99.40	58.15	F	5a	W/V.F.G. Sulphide	21	114	225		
1-248	99.40	58.15	F	5c	Gossaned	30	25	31		
1-249	99.40	58.15	F	q	Gossaned & Fine sulphides	5	139	15		
1-250	99.20	58.20	F	q	W/sparse gal.	6	1780	412		
1-251	99.20	58.20	F	q	w/sparse py.	18	30	91		
1-252	98.90	47.10	F	4	w/gal.	10	5590	4260		
1-253	98.90	47.10	F	4	as above but apparently unmineralized	15	6330	8370		
1-254	98.90	47.10	0	4	w/gal.	17	35200	40500		
1-255	99.30	47.25	F	4q	w/gal. in qtz.	14	2190	7260		
1-256	99.60	47.25	F	5bpq	gal. in qtz.	13	1790	1830		
1-257	99.80	47.16	F	q	Same as 4-34, W/Gal & Sph.	679	539	153800		
1-258	93.14	52.65	0	5dp		101	324	108		
1-259	93.00	52.60	0	5a		48	734	736		
1-260	93.87	52.60	0	5ap		61	406	102		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
1-287	89.00	57.37	F	4b		11	4560	1540		
1-288	89.02	56.39	F	4bp		21	37	38		
1-289	89.05	56.36	F	4bp		14	33	25		
1-290	88.63	56.91	F	4bp		12	156	92		
1-291	88.54	56.97	F	4bp		16	35	11		
1-292	99.30	58.60	F	q	W/Ga1? Cpy?	63	1260	87		
1-293	87.20	58.00	F	4bp		380	33	116		
1-294	87.30	58.05	F	4bp		22	115	219		
1-295	87.30	58.05	F	4bp		82	304	226		
1-296	87.25	57.90	F	4bp		33	100	181		
1-297	87.05	57.90	F	4bp		77	112	121		
1-298	86.90	57.80	F	4bp		23	44	39		
1-299	87.35	58.20	F	4bp		44	85	186		
1-300	87.35	58.30	F	4bp		12	97	131		
1-301	87.30	58.50	F	4bp		13	133	105		
1-302	87.30	58.60	F	q	W/Malachite	6680	22560	28120		
1-303	02.25	51.55	F	qp	Rounded	127	41	24		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
2-1	92.70	62.98	F	q		500	8400	100	0.91	0.004
2-2	92.80	63.10	F	q		100	1200	340	0.10	0.002
2-3	92.56	62.90	F	q		NO	900	110	0.07	0.002
2-4	92.80	63.20	F	q		NO	500	70	0.03	0.003
2-5	08.50	51.30	O	2						
2-6	05.66	47.10	F	2	Heavy	300	100	100	0.009	ND
2-7	≈98.50	47.50	NR	q	mostly sph. & gal. mineralized qtz vein materi.	3300	379000	64000	17.52	0.004
2-8	≈98.50	47.50	NR	q	" " " " " " "					
2-9	≈98.50	47.50	NR	q	" " " " " " "					
2-10	≈98.50	47.50	NR	q	" " " " " " "					
2-11	≈98.50	47.50	NR	q	" " " " " " "					
2-12	≈98.50	47.50	NR	q	" " " " " " "					
2-13	95.50	58.50	O	q	w/cpy. & malachite	70000	4400	870	0.38	0.005
2-14					Off property					
2-15					Off property	3900	5200	300	0.053	0.001
2-16					Off property	1800	100	100	ND	ND
2-17					Off property	8	22	15		
2-18	≈99.10	47.10	O	q	w/gal.	6900	2210	3850		
2-19	≈99.10	47.10	F	4		148	305	97		
2-20	≈99.10	47.10	F	4	w/gal.	115	1400	74000		
2-21	≈99.10	47.10	F	4	w/gal.	31	2200	26500		
2-22	≈99.10	47.10	F	4	w/gal.	49	3320	33500		
2-23	≈99.10	47.10	F	4	w/gal.	13	1600	5900		
2-24	≈99.70	46.75	F	q	w/sph & gal.	365	400	83500		
2-25	≈99.70	46.75	F	q	w/sph & gal.	13	1880	7300		
2-26	99.82	47.15	F	q	w/sph, gal., aspy.	475	90	8600		
2-22b					Repeat of 2-22	Tr	42000	43000	1.430	0.016

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
2-27	99.27	47.78	0	4bp		47	331	415		
2-28	99.27	48.04	F	5bp		21	110	180		
2-29	02.60	49.92	F	5		34	1650	350		
2-30	02.54	49.90	F	5		31	64	200		
2-31	02.16	48.92	0	5		14	50	175		
2-32	02.23	49.08	F	5		13	36	89		
2-33	02.20	49.30	F	6		21	40	81		
2-34	02.24	49.34	F	5		10	8	98		
2-35	01.88	49.83	F	2		19	14	84		
2-36	01.70	50.22	0	5c		10	11	77		
2-37	01.63	50.32	0	5c		20	24	93		
2-38	03.80	48.50	F	4		6	14	30		
2-39	03.80	48.50	F	4	W/Cu Stain	12800	75	32		
2-40	03.80	48.50	0	4	W/Cu Stain	720	18	54		
2-41	03.43	49.40	0	4		137	83	35		
2-42	03.40	49.80	F	5b		31	8	67		
2-43	03.80	48.60	F	4	W/Cu Stain	5100	290	31		
2-44	03.80	48.60	0	4	W/Cu Stain	1320	630	32		
2-45	94.30	54.85	F	5b		8	10	65		
2-46	94.06	54.92	F	5b		44	11	28		
2-47	93.70	54.90	0	4		9	6	29		
2-48	93.60	54.60	F	5b		11	ND	86		
2-49	86.85	62.54	F	5b		19	ND	89		
2-50	87.00	62.60	0	5b		28	ND	89		
2-51	87.26	62.68	0	5b		53	ND	81		
2-52	94.73	60.18	0	45		11	17	19		
2-39B					Repeat of 2-39	17000	1000	1600	0.292	0.006
2-43B					Repeat of 2-43	7000	600	400	0.087	0.002

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
2-53	94.75	60.23	0	45		10	23	24		
2-54	94.62	60.20	0	45		34	24	79		
2-55	94.57	60.22	0	54		27	25	181		
2-56	94.48	60.26	0	54		31	53	120		
2-57	94.40	60.30	0	54		9	535	583		
2-58	94.30	60.36	0	4		39	7	73		
2-59	94.20	60.44	0	4		9	19	14		
2-60	94.10	60.60	0	4		11	16	18		
2-61	93.70	60.40	F	4		45	34	95		
2-62	93.52	60.20	F	4		19	9	95		
2-63	93.20	60.20	F	4		6	12	9		
2-64	92.80	60.16	F	4		16	13	19		
2-65	92.54	60.14	0	4		9	22	16		
2-66	=98.60	47.40	F	4		7	77	37		
2-67	=98.60	47.40	F	5		30	61	83		
2-68	=98.60	47.40	F	5		31	42	96		
2-69	=98.60	47.40	F	5		27	71	115		
2-70	=98.60	47.40	F	5		35	23	114		
2-71	05.50	50.40	0	5		50	32	91		
2-72	05.70	50.45	0	5		96	31	112		
2-73	05.80	50.45	0	5		42	45	98		
2-74	99.75	48.15	F	5	W/Cu Stain	1960	16	133		
2-75	99.80	48.25	F	5	W/Cu Stain	2010	27	117		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-1	99.00	58.60	0	q	w/malachite	200	88	49		
3-2	99.00	58.60	0	q	w/cpy & py	100	43	26		
3-3	98.50	55.20	0	q	w/malachite	9600	10	75		
3-4	94.50	50.15	0	q	large vein	200	1	3		
3-5	94.45	49.45	0	q	large vein	10	8	2		
3-6	94.30	49.25	F	4p		8	97	33		
3-7	94.30	49.25	0	q	large vein	6	3	7		
3-8	94.50	50.40	0	qp	large vein	12	14	6		
3-9	98.30	51.25	0	q	stock work	3	ND	2		
3-10	98.00	50.85	0	q		9	ND	8		
3-11	97.35	51.35	0	q	large vein	4	1	7		
3-12	97.40	56.25	0	4.5p		19	8	32		
3-13	97.25	56.35	F	4p		8	6	23		
3-14			NR	4	breccia	3	4	10		
3-15	NR	NR	NR	NR	Improperly Documented					
3-16				25						
3-17	98.40	51.35	0	2cq		2	1	16		
3-18	98.40	51.35	0	qp		23	8	9		
3-19	98.40	51.35	0	qp		9	7	9		
3-20	99.71	46.75		5	w/hematite?	37	9	63		
3-21	99.66	46.73	0	qp		1300	13	140		
3-22	99.66	46.76	0	5bp		30	33	100		
3-23	99.60	46.70	0	5bp		34	13	34		
3-24	99.52	46.68	0	5bp		69	30	125		
3-25	99.46	46.67	0	5bp		19	81	64		
3-26	99.40	46.65	0	5bp		13	15	53		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-27	99.40	46.65	0	5bp		10	7	62		
3-28	99.38	46.64	0	5bp		5	10	33		
3-29	99.22	46.70	0	5bp		32	10	110		
3-30	99.10	46.94	NR	4	CGLT., Fossiliferous	3	107	150		
3-31	99.03	46.94	NR	25		30	119	80		
3-32	04.80	54.10	0	5,4		15	45	36		
3-33	04.80	54.10	0	5	CGLT.	4	3	95		
3-34	04.76	54.10	0	4,5		10	9	37		
3-35	04.70	54.08	0	5	CGLT.	23	ND	24		
3-36	04.70	54.08	0	2	Calcareous	7	17	20		
3-37	04.65	54.09	0	5c,4c?		6	13	28		
3-38	04.08	54.10	0	4	C.G.	10	9	14		
3-39	01.15	47.50	0	1		7	2	20		
3-40	01.07	47.45	0	5cp		33	45	66		
3-41	01.00	47.20	0	4b		3	3	6		
3-42	00.90	47.00	0	4b		3	16	16		
3-43	01.95	47.96	0	1,5		22	32	59		
3-44	02.28	47.94	0	2		23	6	95		
3-45	02.28	47.94	0	5c		71	34	62		
3-46	02.58	47.66	0	5bp		44	59	80		
3-47	02.50	48.07	F	2		21	117	57		
3-48	02.75	48.50	F	qp		3	13	39		
3-49	03.20	49.36	0	5c,4c	Display sample	13	20	24		
3-50	03.00	49.50	0	5bp		53	12	62		
3-51	03.05	49.10	0	5	Chloritized	8	6	24		
3-52	03.06	49.00	0	q	Large vein	4	1	3		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-53	02.73	49.50	0	5ep		5	10	100		
3-54	02.60	49.50	0	q	Large vein	4	3	4		
3-55	02.46	49.04	0	5p		30	223	130		
3-56	02.04	48.90	0	5	Py and/or Gal.	10	15	23		
3-57	03.40	49.63	F	4bp		29	18	31		
3-58	03.50	49.70	0	4cp		7	34	10		
3-59	03.60	49.80	0	2,5e		1	10	90		
3-60	04.40	50.80	0	1	Chloritized	8	1	70		
3-61	04.40	50.80	0	1	Chloritized	4	ND	27		
3-62	04.50	50.70	0	5	Chloritized	8	2	95		
3-63a	04.60	50.65	0	5	W/Qtz., Chloritized	5	ND	12		
3-64a	04.58	50.82	0	2p		17	ND	31		
3-63b	04.60	50.65	0	1						
3-64b	04.58	50.82	0	2a						
3-65	04.92	50.80	0	2ap		3	ND	35		
3-66	05.00	50.95	F	5a		18	5	100		
3-67	05.25	50.88	0	3		4	22	37		
3-68	05.34	50.82	0	5c		6	1	80		
3-69a	05.66	51.30	0	2	W/Musc.	7	1	60		
3-69b	05.66	51.30	0	5a						
3-70	96.42	49.00	0	2	Rusted	700	22	37		
3-71	96.60	49.14	0	5a		36	3	90		
3-72	96.52	49.20	0	2		5	3	38		
3-73	96.42	49.44	0	q	W/Py., Gal.	35	5760	2100		
3-74	96.30	49.82	0	2		7	55	33		
3-75	96.76	49.68	0	2						

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-76	97.08	49.60	0	5	Chloritized W/Py veins & malachite	300	49	195		
3-77	97.08	49.70	0	5c		44	15	100		
3-78	97.02	49.92	0	2p	Calc.	11	19	18		
3-79	99.00	51.30	0	5ap		14	14	70		
3-80	99.10	51.50	0	2ap		8	21	43		
3-81	99.10	51.40	0	1		8	18	33		
3-82	99.32	51.46	F	4b		5	11	22		
3-83	99.40	51.47	0	2,5	Chloritized	5	ND	14		
3-84	99.43	51.52	0	5b		15	4	90		
3-85	99.43	51.76	0	5a?		21	16	43		
3-86	99.46	51.92	0	5	Pencil	14	2	43		
3-87	99.36	51.90	0	4		2	ND	7		
3-88	99.23	51.94	0	q		2	ND	2		
3-89	99.18	52.05	0	q		2	ND	3		
3-90	99.27	52.17	0	2a		64	10	65		
3-91	99.17	52.50	0	5a		21	2	80		
3-92	99.77	52.27	0	1,2	Shale clasts	5	4	16		
3-93	99.86	52.48	0	1	Shale clasts	9	6	21		
3-94	99.94	52.70	F	1		8	9	20		
3-95a	99.94	52.70	0	5		6	16	75		
3-95b	99.94	52.70	0	5						
3-95c	99.94	52.70	0	5						
5-95d	99.94	52.70	0	5						
3-96	02.44	53.50	0	5d		10	2	75		
3-97a	02.40	53.40	0	2		3	ND	36		
3-97b	02.40	53.40	0	1						

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-98	02.24	53.30	0	2a		4	ND	65		
3-99	02.15	53.28	0	q	Slickensides	4	ND	14		
3-100	02.20	53.40	F	q	W/Gal	150	49800	75		
3-101	02.16	53.20	0	5ap		4	316	100		
3-102	01.94	53.50	0	4		8	30	65		
3-103	01.82	53.46	F	4	W/Azurite & Malachite					
3-104	01.82	53.46	F	4	W/Azurite & Malachite	1600	39	37		
3-105	01.82	53.46	F	4	Azurite & Malachite	1500	30	75		
3-106	01.82	53.46	F	4	Azurite & Malachite	900	18	36		
3-107	01.82	53.46	F	4	Azurite & Malachite	1600	24	40		
3-108	01.82	53.46	F	4	Azurite & Malachite	1500	33	39		
3-109	01.60	53.50	0	5a		18	16	9		
3-110	01.56	53.66	0	4	W/Musc.	7	21	120		
3-111	01.48	53.65	0	4b		19	59	18		
3-112	01.60	53.42	0	2,5		1	5	85		
3-113	88.43	53.62	0	5bp		21	2	90		
3-114	88.40	53.35	0	4		14	190	50		
3-115	88.40	53.18	0	5		13	11	80		
3-116	89.20	53.44	0	2		25	ND	140		
3-117	89.47	53.54	0	2	W/Musc.	14	4	70		
3-118	89.30	53.04	0	q		3	3	4		
3-119	89.68	53.46	0	2e		4	8	25		
3-120	89.70	54.17	0	5a		12	2	65		
3-121	90.28	54.10	0	4		11	12	10		
3-122	90.82	54.06	0	q	W/Pyrite	8	ND	6		
3-123	91.00	54.40	0	4	Brecciated	4	52	29		
3-105b					Repeat of 3-105	400	200	400	0.087	0.001

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-124	90.77	54.32	0	NA	Siderite	2	ND	125		
3-125	91.06	54.88	0	5ap		20	ND	86		
3-126	91.00	54.85	0	5ap		54	41	97		
3-127	90.97	54.80	0	5ap		51	3	130		
3-128	90.96	54.87	0	4		21	34	33		
3-129	90.64	55.16	0	4		11	4	41		
3-130	40.38	55.25	0	2		26	ND	75		
3-131	90.20	55.17	0	5ap		29	ND	115		
3-132	90.10	55.13	0	2a		16	2	37		
3-133	90.92	55.18	0	4	W/Gal? Crown Pt.	4	23	62		
3-134	89.99	55.25	0	5p		101	21	81		
3-135	90.00	54.62	0	NR		26	10	76		
3-136	90.00	54.62	0	NA	Siderite	3	39	35		
3-137	90.00	54.62	0	4		5	21	14		
3-138	90.00	54.62	0	NA	Gal. from mine (Beverly Mine)	520	9120	360000		
3-139	90.00	54.62	0	5b		22	612	2700		
3-140	90.00	54.62	0	4		9	178	730		
3-141	87.65	53.95	0	4	W/Gal. Stratabound	7	1460	940		
3-142	87.33	57.88	NR	5a		59	51	225		
3-143	87.43	57.87	0	4	W/Gal?	16	33	180		
3-144	87.48	58.13	0	5a		45	32	625		
3-145	87.50	58.27	0	4c		19	16	79		
3-146	87.47	58.42	0	5a		34	19	220		
3-147	87.49	58.57	0	4		19	9	145		
3-148	87.59	58.68	0	1,2		48	830	1450		
3-149	87.64	58.78	0	5a		65	8	185		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-150	87.72	58.89	0	4		16	23	36		
3-151	87.71	59.07	0	5a		36	3	130		
3-152	87.76	59.15	0	1		18	58	105		
3-153	87.76	59.20	0	5p		27	3	114		
3-154				4		18	53	48		
3-155				5	Gossan	57	3	155		
3-156	86.42	57.31	0	4		18	14	46		
3-157	86.44	57.33	0	5bp		29	19	97		
3-158	86.39	57.38	0	5ap		31	ND	125		
3-159	86.60	57.36	0	5c		23	12	92		
3-160	86.60	57.45	0	5a		91	39	140		
3-161a	86.73	57.09	0	4		6	ND	41		
3-161b	86.73	57.09	0	4		6	4	21		
3-161c	86.73	57.09	0	4		12	43	32		
3-161d	86.73	57.09	0	4		15	7	43		
3-161e	86.73	57.09	0	4		8	9	52		
3-161f	86.73	57.09	0	4		10	7	29		
3-161g	86.73	57.09	0	4		12	11	24		
3-162	86.94	56.85	0	2		16	15	32		
3-163	86.98	56.92	0	5bp		75	2	51		
3-164	87.08	56.94	0	4c,5c		25	26	49		
3-165	87.23	56.84	0	5c		24	1	98		
3-166	87.38	56.65	0	2		5	6	25		
3-167a	87.44	57.07	0	q	Xline Malachite	2280	8	12		
3-167b	89.70	59.26	0	5c		31	35	123		
3-168	89.50	58.77	0	5c		54	38	114		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-169	89.30	58.44	0	5cp		37	54	120		
3-170	89.20	58.18	0	5cp		95	159	129		
3-171	89.05	57.77	0	1		19	45	130		
3-172	88.20	56.94	0	4b		8	62	84		
3-173	88.07	56.76	0	4b		6	29	45		
3-174	87.73	56.55	0	2,5p		13	118	225		
3-175	87.73	56.55	0	4b		26	54	71		
3-176	87.54	56.52	0	1c		11	204	323		
3-177	87.60	56.32	0	4		44	1810	6860		
3-178	92.56	53.24	0	5bp		130	322	143		
3-179	92.46	53.42	0	1c,2c		10	71	40		
3-180	92.40	53.38	F	q	W/Gal. & Malachite	3520	789	232		
3-181	92.24	53.50	0	5		89	67	72		
3-182	92.13	53.44	0	5bp		41	13	116		
3-183	92.10	53.20	0	5	Calc.	16	4	14		
3-184	92.19	53.04	0	5bp		43	9	116		
3-185	92.24	53.03	0	4p		14	36	56		
3-186	92.22	52.77	0	4		10	35	27		
3-187	92.04	52.68	F	4		6	110	39		
3-188	91.95	52.63	F	4		9	12	26		
3-189	91.83	52.65	F	4		6	ND	16		
3-190	91.76	52.50	0	4		18	17	27		
3-191	91.85	52.48	0	5bp		37	ND	95		
3-192	91.50	52.50	0	5		23	5	83		
3-193	91.50	52.32	0	1c,2c		8	18	30		
3-194	91.56	52.12	0	5bp		46	30	71		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-195	91.54	51.80	F	2,5		30	ND	77		
3-196	86.90	58.10	F	5bp		34	24	124		
3-197	58.07	58.46	0	5bp		45	4	86		
3-198	87.15	58.78	0	5bp		50	68	94		
3-199	87.22	58.97	0	5bp		80	10	86		
3-200	87.01	59.48	0	5bp		35	ND	85		
3-201	87.10	59.70	0	5bp		40	2	85		
3-202	87.24	60.00	F	5b		34	3	105		
3-203	87.48	60.80	0	5bp		46	63	96		
3-204	87.76	60.67	0	5bp		34	11	121		
3-205	88.00	60.64	0	5bp		18	4	69		
3-206	88.04	60.70	0	2,5		9	34	58		
3-207	88.40	61.00	0	2,5		21	19	98		
3-208	88.16	61.05	0	2,5		7	261	93		
3-209	97.50	46.04	0	1c,2cq		15	52	28		
3-210	97.65	46.30	0	2cq		12	14	32		
3-211	97.77	46.50	0	4,5		16	4	114		
3-212	97.88	46.54	0	q	W/Pyrite, Sph & Gal	43	627	850		
3-213	97.88	46.54	0	q	W/ Py. Sph & Gal	215	404	11570		
3-214	98.20	46.50	0	5ap		47	29	92		
3-215	98.40	46.70	0	q		2	22	20		
3-216	04.50	56.00	0	1c,2c		25	102	25		
3-217	02.20	55.70	0	5c		26	7140	3210		
3-218	01.00	55.50	0	2a		21	83	117		
3-219	00.06	55.15	0	2a		13	69	27		
3-220	99.42	54.73	0	2a		22	121	44		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-221	98.14	54.30	0	2a		61	63	125		
3-222	97.17	54.20	0	1		14	520	859		
3-223	97.94	54.18	0	5c		21	54	88		
3-224	97.30	51.92	0	5c		42	2610	3030		
3-225	94.13	51.58	0	5c		52	140	96		
3-226	93.70	51.33	F	q	W/Py	39	699	449		
3-227	93.54	51.15	0	5p		27	5	84		
3-228	93.90	51.32	0	5a		55	22	116		
3-229	94.18	51.46	0	1c	W/Musc.	8	2	44		
3-230	94.50	51.62	0	5ap		51	27	84		
3-231	94.62	51.80	0	5cp		69	14	113		
3-232	94.88	52.03	0	2p		13	122	274		
3-233	95.15	52.20	NR	5c		13	222	90		
3-234	95.12	52.23	0	5c		36	411	80		
3-235	95.24	52.27	0	5c		50	4370	220		
3-236	95.40	52.33	0	1c, 2c, q		26	237	70		
3-237	92.55	52.98	0	2		6	4	190		
3-238	92.60	53.06	0	5cq		62	67	140		
3-239	92.74	53.14	0	5c		29	49	190		
3-240	92.50	53.50	0	5c		417	30	150		
3-241	92.80	54.03	0	1c, 2c		40	5	52		
3-242	92.90	54.35	0	5c		11	23	110		
3-243	93.07	54.35	0	5cp		58	22	80		
3-244	93.36	54.30	0	q		3	9	11		
3-245	93.55	54.32	0	2cp		4	1	53		
3-246	93.85	54.38	F	5cp		34	113	65		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-247	94.02	54.42	F	2a		8	28	59		
3-248	94.26	54.40	0	4		4	11	23		
3-249	94.30	54.38	0	4c		15	37	120		
3-250	98.67	46.56	0	2c		18	24	105		
3-251	98.50	47.04	0	5		38	347	100		
3-252	98.68	46.97	0	5a		37	2	34		
3-253	98.70	47.10	0	5a		124	452	90		
3-254	98.82	47.12	NR	4		14	45	27		
3-255	98.82	47.12	NR	4ap		51	96	90		
3-256	98.87	47.07	NR	4ap		33	34	35		
3-257	98.93	47.00	NR	4ap		5	22	23		
3-258	98.97	46.98	NR	4ap		31	65	75		
3-259	99.07	46.90	0	4ap		12	151	115		
3-260	99.12	46.86	0	4ap		5	163	75		
3-261				4	W/Gal. Off property					
3-262				4	W/Gal. Off property					
3-263	98.82	60.40	0	5c		9	1340	499		
3-264	98.84	60.34	0	1c,2c		22	69	36		
3-265	98.96	59.97	0	5c	W/Green Blotches	1	144	130		
3-266	98.92	59.66	0	q	W/Cpy, malachite	2620	34	14		
3-267	98.65	58.60	0	5s		58	56	32		
3-268	99.30	57.90	0	5c		16	41	59		
3-269	99.30	57.90	0	2a		36	19	60		
3-270	88.90	64.25	0	4	W/Calc stringers	128	2290	1221		
3-271	88.90	63.85	0	5a	W/Calc stringers	12	40	145		
3-272	98.40	63.85	0	4	Vein	34	311	357		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
3-273	89.50	64.05	0	4	Breccia	21	580	471		
3-274	89.50	64.05	0	4c		12	217	180		
3-275	89.30	64.35	0	4c		89	348	140		
3-276	90.45	64.05	0	2	Rusty	23	118	165		
3-277	90.40	63.85	0	5a		83	1370	948		
3-278	90.40	63.85	F	q	W/Gal, Cpy, Sph.	518	9160	170		
3-279	90.35	63.40	NR	5	Calc.	185	333	170		
3-280	90.35	63.40	NR	4	Breccia	70	148	130		
3-281	90.45	63.45	0	5	Calc.	25	338	301		
3-282	90.65	63.45		4a		13	31	40		
3-283	90.65	63.50	0	5	Calc.	38	52	185		
3-284				4b	Off property	15	292	283		
3-285				4c	W/Sph. Off property	9	66	44		
3-286				4	Brecciated. Off property	14	397	303		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-1	06.56	46.40	0	5c						
4-2	07.10	48.80	0	3bp,5c						
4-3	08.84	51.98	0	5cq						
4-4	06.66	49.20	F	2a,1						
4-5	06.30	49.30	F	q						
4-6	91.90	63.00	0	5p						
4-7	95.10	47.24	F	q	W/Sph.	1370	56	370000		
4-8	87.50	56.94	F	q	W/Gal.	30	2310	7800	0.71	0.002
4-9	87.35	56.85	F	q	W/Sph.	30	920	215000	0.06	0.006
4-10	09.30	51.55	F	q	W/Gal.	100	200	40	0.01	0.002
4-11	98.50	57.90	F	q	W/Gal	400	1400	80	0.62	0.002
4-12	96.40	49.50	0	q	W/Py. & Sph.					
4-13	99.40	51.50	F	q	W/Py	33	34	1400		
4-14	99.40	51.50	F	q	W/Py	9	1	92		
4-15	04.65	46.10	F	2b		3	7	78		
4-16	04.13	46.12	0	1a		3	2	75		
4-17	04.18	46.14	0	2ap		20	30	79		
4-18	04.23	46.24	0	5c		27	ND	245		
4-19	04.30	46.20	0	5bp		17	2	95		
4-20	04.32	46.20	0	5bp		80	58	66		
4-21	04.40	46.16	F	2,5c	W/Musc.	11	ND	94		
4-22	04.48	46.20	0	5c		13	ND	81		
4-23	04.75	46.08	0	5c	W/Limonite	27	ND	66		
4-24	98.90 To 99.30	46.90 To 47.30	NR	4?		5	19	58		
4-25	"	"	NR	q	W/Gal.	27	1210	17000		
4-26	"	"	NR	4p	W/Gal.	3	1040	2250		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-27	99.65 to 99.85	46.60 to 46.90	F	4p		5	60	57		
4-28	"	"	F	q	Gossan	4	92	59		
4-29	"	"	F	q	W/Sph	200	256	85000		
4-30	"	"	F	q	W/Sph & Gal.	350	560	217500		
4-31	"	"	F	4	W/Gal.	15	1420	2750		
4-32	99.90	47.00	F	q	W/Aspy	101	1140	1300		
4-33	99.80	47.06	O	q	Aspy & Py	78	950	4050		
4-34	99.78 to 99.96	47.10 to 47.24	F	q	W/Gal & Sph	3800	25300	162500		
4-35	00.25	46.25	O	q	W/Gal	43	2220	1750		
4-36	00.20	46.45	F	q	W/Sph	960	25	352500		
4-37	00.20	46.46	F	q	W/Sph and Aspy?	24	760	9600		
4-38	00.10	46.57	F	4p	No mineralization observed	8	1520	2800		
4-39	00.00	46.70	F	5a		116	147	91		
4-40	99.58	47.58	O	NR		450	85	92		
4-41	99.53	47.65	F	2a	Rusty	371	24	86		
4-42	99.46	47.78	F	5a,2a		54	11	79		
4-43	99.32	48.00	O	5bp		76	18	71		
4-44	99.20	48.20	F	5bpq		275	21	90		
4-45	99.08	48.40	F	5bp		41	17	82		
4-46	02.66	48.40	F	5bp		28	ND	79		
4-47	02.52	48.20	F	5b		46	4	84		
4-48	02.50	48.13	O	5ap		36	2	82		
4-49	02.50	48.13	O	5ap	Stained red	57	53	94		
4-50	02.30	48.20	O	q		17	25	31		
4-51	02.34	48.85	O	q		9	1	41		
4-52	02.40	49.00	F	5bp		45	29	60		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-53	04.18	49.30	F	2,5c		254	1190	22		
4-54	14.07	49.40	F	2		7	21	82		
4-55	04.00	50.30	O	q	W/Cpy & Py	530	2	10		
4-56	03.50	51.22	F	5c		27	6	77		
4-57	04.60	50.67	F	2,5c		128	1620	80		
4-58	04.63	50.61	F	3p		29	95	32		
4-59	04.60	50.52	F	4p		25	19	44		
4-60	04.73	50.22	O	4,5c		40	33	66		
4-61	05.36	51.30	F	4	W/Gal	122	3600	4500		
4-62	05.35 to 05.45	50.90 to 51.04	NR	4	W/Gal	95	5400	4950		
4-63	"	"	NR	4	W/Gal., Sph., Malachite	91	7200	5700		
4-64	"	"	NR	2	W/Gal	MS	MS	MS		
4-65	96.61	56.30	F	4		12	109	91		
4-66	96.54	56.40	F	4p		22	20	30		
4-67	96.50	56.43	F	q	W/Cpy	31400	15	88		
4-68	96.40	56.40	F	4		390	22	16		
4-69	96.04	55.32	F	q		4	1	8		
4-70	96.42	55.17	F	4		2	11	18		
4-71	93.42	54.02	F	5b		12	2	90		
4-72	89.40	63.32	O	4b		3	14	60		
4-73	89.55	63.34	O	4		2	5	8		
4-74	89.90	63.28	O	4		3	9	17		
4-75	88.78	62.82	F	4		4	4	18		
4-76	88.80	62.53	F	4b		4	13	31		
4-77	88.72	62.42	F	4c		2	15	16		
4-78	88.54	62.34	F	4cp						

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-79	87.84	62.15	F	5cp		34	77	255		
4-80	87.85	62.24	F	5p		62	30	16		
4-81	88.02	62.22	F	5a	W/Mica	15	3	76		
4-82	88.06	62.44	F	5p		270	1950	13		
4-83	88.16	62.53	F	4cp		33	39	48		
4-84	88.06 to 88.20	62.56 to 62.95	?	4c	W/Malachite	477	33	35		
4-85	"	"	?	4p		21	13	27		
4-86	"	"	?	4c	W/Malachite	1120	100	33		
4-87	"	"	?	4c	W/Malachite	1410	59	32		
4-88	"	"	?	4	W/Malachite	688	20	46		
4-89	94.84	59.86	F	4		35	ND	105		
4-90	94.82	59.92	F	4b		10	14	22		
4-91	94.79	59.83	F	4		5	10	5		
4-92	94.72	59.80	F	4		34	ND	46		
4-93	94.65	59.81	F	4		20	4	45		
4-94	94.65	59.60	F	4		21	139	42		
4-95	94.52	59.50	F	5c	W/Chlorite Nodules	47	3	74		
4-96	94.50	59.43	F	4p		8	11	21		
4-97	94.42	59.30	F	4		4	31	8		
4-98	94.35	59.17	F	4bp		9	879	18		
4-99	94.31	58.98	F	4		8	14	20		
4-100	93.94	59.46	F	4p		4	4	11		
4-101	93.91	59.45	F	NA	Yuggy Calcite	8	2	43		
4-102	86.18	58.66	F	4		9	8	16		
4-103	86.17	58.56	F	4p		14	2	27		
4-104	86.09	58.40	F	4p		12	47	23		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-105	86.08	57.18	F	4p		7	14	13		
4-106	86.11	57.26	F	4p		11	11	31		
4-107	86.13	57.34	F	2p		11	22	42		
4-108	86.30	58.38	F	4		3	8	12		
4-109	86.58	58.42	F	4	W/Cpy.	2500	226	215		
4-110	86.62	58.56	F	q		3	26	2		
4-111	86.59	58.68	F	4p		51	46	61		
4-112	86.58	58.75	F	4p		32	186	51		
4-113	86.52	58.80	F	2	Calc	63	13	53		
4-114	86.47	58.86	F	2	Calc	12	34	138		
4-115	99.20	46.81	F	4p		5	370	548		
4-116	99.14	46.87	F	4p		3	225	105		
4-117	99.08	46.84	F	4		14	223	386		
4-118	98.98 to 99.10	46.86 to 46.98	F	4		73	2280	21800		
4-119	"	"	F	4		9	91	58		
4-120	"	"	F	4		6	1260	254		
4-121	"	"	F	4		8	202	1386		
4-122	"	"	F	4		28	134	353		
4-123	98.85	46.73	F	2p		48	184	44		
4-124	98.52	46.95	Q	q	Aspy	87	615	145		
4-125	≈98.45	46.70	F	q	Py & Gal.	432	127	116000		
4-126			NR	q	Sph. Py & Gal., probably near 4-125	356	99	349000		
4-127	98.50	46.70	F	q	Sph. Py & Gal.	382	51	182000		
4-128			NR	4p	Missing data	MS	MS	MS		
4-129	06.00	46.05	O	5c		37	19	130		
4-130	92.80	51.25	F	4,5		11	149	125		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
4-131	91.75	54.50	0	5g		30	238	2500		
4-132	00.60	62.45	F	2a		11	124	665		
4-133	99.80	62.75	F	1b		30	571	215		
4-134	99.30	62.85	F	2a		152	4620	662		
4-135	98.45	62.90	F	1c		7	251	196		
4-136	97.75	63.00	F	2d		12	45	235		
4-137	97.10	63.30	F	2d		2	29	90		
4-138	96.35	63.35	F	2a		3	72	225		
4-139	95.50	63.60	F	1a		28	327	155		
4-140	94.75	63.55	F	5c		229	3210	1200		
4-141	93.70	64.05	F	5c		39	367	1400		
4-142	88.88	58.50	F	5c		28	74	170		
4-143	89.05	59.00	F	2a		66	111	346		
4-144	89.50	59.60	F	2z	Gossaned	36	203	140		
4-145	90.95	60.40	F	1d		9	18	95		
4-146	90.40	59.85	F	2a		28	528	297		
4-147	89.95	59.45	F	2d		17	64	7200		
2-148	00.30	58.30	F	5c		8	149	1100		
2-149	98.10	57.80	F	4b		21	144	60		
2-150	97.70	57.50	F	4		18	130	2600		
2-151	97.40	57.40	F	5b		17	784	567		
2-152	94.90	56.00	F	5c		61	109	165		
2-153	93.40	55.70	F	4c		55	146	230		
2-154	92.30	54.60	F	q	W/Gal., Py. Note: Retained sample labelled	19700	100	63000		
					4-154					

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
5-1	92.50	63.10	F	q	Malachite	730	3	5	0.012	0.002
5-2	99.30	57.30	F	q	W/Gal	200	1600	160	0.30	0.002
5-3	97.96	60.55	F	q	W/Cpy	4000	400	60	0.04	0.001
5-4	95.25	61.75	F	q						
5-5	95.30	61.80	F	q	W/Cpy					
5-6	06.62	51.26	F	5a		11	69	245		
5-7	?	?	?	?	Missing Data	64	2	91		
5-8	87.55	62.77	F	4						

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
6-1					Missing Data					
6-2					Missing Data					
6-3					Missing Data					
6-4					Missing Data					
6-5					Missing Data					
6-6					Missing Data					
6-7					Missing Data					
6-8					Missing Data					
6-9	00.30	48.80	F	2?		3	10	20		
6-10	00.70	48.60	F	2?		34	11	285		
6-11	00.90	48.80	F	2?		49	6	63		
6-12	01.18	47.82	0	2		5	3	62		
6-13	01.18	47.73	0	2		11	197	535		
6-14	02.10	47.37	0	q		5	240	78		
6-15	02.40	47.50	0	q		4	21	10		
6-16	01.90	47.53	0	q		4	178	125		
6-17	01.72	47.70	0	qp		166	72	26		
6-18	01.72	47.70	0	q		MS	MS	MS		
6-19	01.54	47.68	0	2p		5	90	53		
6-20	01.52	47.70	0	5		3	6	21		
6-21	01.52	47.70	F	5q	W/Sph? in q	13	305	4050		
6-22	01.47	47.75	0	2p		7	157	65		
6-23	01.47	47.75	F	2p		6	1130	585		
6-24	01.40	47.80	0	4	Fossiliferous	5	36	57		
6-25	01.32	47.85	F	q	W/Gal?	51	600	18		
6-26	01.14	47.96	0	5p		14	7	46		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
6-27	01.03	48.04	F	5a	W/Sph? Gal?	6	2230	520		
6-28	01.05	48.17	F	5p		39	4	47		
6-29	00.94	49.00	F	4p		18	ND	28		
6-30	00.88	49.62	F	4p		12	ND	27		
6-31	02.47	48.04	O	qp		730	1	9		
6-32	02.44	48.00	O	qp		13	ND	5		
6-33	02.40	48.37	O	qp		54	12	12		
6-34	03.95	49.30	O	4		17	2	29		
6-35	04.20	49.15	O	4c	W/Malachite?	431	6	42		
6-36	03.65	49.22	O	q		8	ND	4		
6-37	03.65	49.22	O	4		11	4	27		
6-38	04.50	50.64	F	q	W/Gal?	22	4080	42		
6-39	04.50	50.64	F	l		11	110	45		
6-40	04.67	50.56	O	q		123	119	15		
6-41	04.70	50.12	O	q	W/Malachite	540	ND	65		
6-42	04.70	50.12	O	q	W/Malachite	1000	ND	46		
6-43	04.66	50.06	O	q	W/Malachite	85	3	11		
6-44	04.63	50.43	O	2		44	45	69		
6-45	04.57	50.68	F	q		6	ND	3		
6-46	96.35	55.50	O	4		3	5	8		
6-47	96.40	55.60	O	4		4	5	15		
6-48	96.80	55.55	O	4		1	ND	17		
6-49	90.08	63.30	F	4	C.G, Gritty	6	ND	14		
6-50	89.85	63.35	F	4	W/Calcite Veins	12	5	11		
6-51	88.92	62.55	F	4		13	16	23		
6-52	88.63	61.80	F	q	W/Cpy? Calcareous					

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
6-53	88.52	61.90	F	45q		31	31	15		
6-54	88.46	62.00	F	q	W/Calcite	9	8	13		
6-55	88.60	61.92	O	4	Calcite vsg in slate	34	38	46		
6-55A	87.70	61.88	F	2?	Calcareous, Gritty	14	8	35		
6-56	87.88	62.30	F	5		201	ND	98		
6-57	87.75	62.62	F	4q		3	ND	16		
6-58	87.75	62.62	F	q		55	157	3		
6-59	87.97	62.82	O	4p		51	95	17		
6-60	88.00	63.00	F	4c		6	16	12		
6-61	88.00	63.07	O	4		9	17	33		
6-62	85.44	62.04	F	2		19	1	45		
6-63	85.60	62.06	F	5c		9	98	115		
6-64	88.60	61.86	F	2q		31	31	68		
6-65	88.70	61.90	F	5c		3	ND	97		
6-66	88.85	61.58	F	5cq		8	140	240		
6-67	88.54	61.04	O	2		13	ND	46		
6-68	88.62	60.94	O	5c		90	ND	23		
6-69	85.60	60.90	O	2p		72	141	27		
6-70	88.73	61.00	O	25		5	ND	33		
6-71	88.90	61.00	O	5c		50	ND	90		
6-72	85.50	60.74	O	2		9	40	40		
6-73	88.34	60.72	O	5c		49	ND	125		
6-74	88.20	60.44	O	2		8	12	29		
6-75	88.20	60.38	O	5c		20	6	87		
6-76	88.23	60.34	O	25		9	ND	42		
6-77	88.50	60.36	O	5f		7	1	24		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
6-78	88.06	59.60	0	5c		29	ND	125		
6-79	88.28	59.47	0	5c		31	ND	97		
6-80	88.07	59.27	0	5c		14	19	94		
6-81	87.73	59.40	0	5c		33	87	150		
6-82	87.55	59.36	0	q		3	ND	12		
6-83A	86.59	58.43		q	W/Gal, Cpy?	12	1599	30		
6-83B	95.00	57.98		4	C.G, Buff	16	85	62		
6-84	95.10	57.80	0	4p	M.G, Buff	14	244	170		
6-85	95.25	57.70	0	5b	Gossan	32	343	330		
6-86	95.36	57.60	0	4	Breccia, Vcg	7	1940	290		
6-87	96.60	58.85	F	4b		4	127	47		
6-88	96.65	59.00	0	5bp		18	152	83		
6-89	97.00	59.05	0	4b		27	614	128		
6-90	97.00	59.05	0	4b		25	264	177		
6-91	97.15	58.95	0	4	W/Malachite?	6	225	1800		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
11-1	92.80 to 91.10	63.70 to 61.25	F	4	Traverse 1-1	19	42	39		
11-2	"	"	F	5q		4	ND	62		
11-3	"	"	F	5b		33	10	81		
11-4	"	"	F	5dp		10	ND	49		
11-5	"	"	F	25		6	ND	32		
11-6	"	"	F	52p		19	10	53		
11-7	"	"	F	5ap		8	1	37		
11-8	"	"	F	5a		24	5	62		
11-9	"	"	F	5b		26	ND	75		
11-10	"	"	F	1c	Rusty	3	ND	33		
11-11	"	"	F	25	Rusty	8	6	58		
11-12	"	"	F	5bp		35	39	70		
11-13	"	"	F	25		8	364	17		
11-14	"	"	F	5b	Rusty	17	2	78		
11-15	"	"	F	5bp		19	21	92		
11-16	"	"	F	25		10	4	59		
11-17	"	"	F	5bp		30	95	81		
11-18	"	"	F	5bp		26	18	77		
11-19	"	"	F	5ap		28	2	66		
11-20	"	"	F	25	Rusty	5	16	34		
11-21	"	"	F	5b		24	14	79		
11-22	"	"	F	5d	Rusty	5	3	29		
11-23	"	"	F	5bp		10	13	51		
11-24	"	"	F	5b	Rusty	10	9	73		
11-25	"	"	F	5b		39	1	85		
11-26	"	"	F	4b		5	7	25		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
11-27	92.80 to 91 10	63.70 to 61 25	F	4b		10	3	32		
11-28	"	"	F	4,5		7	6	28		
11-29	"	"	F	4bp		7	5	28		
11-30	"	"	F	45b		9	6	35		
11-31	"	"	F	4bp		55	9	60		
11-32	"	"	F	4bp		11	17	35		
11-33	"	"	F	5b		26	9	74		
11-34	"	"	F	5bp		20	20	46		
11-35	"	"	F	5b,4		16	20	34		
11-36	"	"	F	25p		20	ND	84		
11-37	"	"	F	5eqp		24	10	78		
11-38	"	"	F	5b		13	ND	47		
11-39	"	"	F	5ap		6	7	60		
11-40	"	"	O	4	Calcite veined	5	57	27		
11-41	"	"	F	5dp	Very rusty	11	6	25		
11-42	"	"	F	5d		46	34	56		
11-43	"	"	F	5bp	Rusty	69	21	53		
11-44	"	"	O	5bp		13	35	40		
11-45	"	"	O	5bp		8	7	14		
11-46	"	"	O	4b,5		12	12	27		
11-47	"	"	O	26	Gossaned	7	4	16		
11-48	"	"	F	5ap		22	ND	42		
11-49	"	"	F	5dp		14	ND	37		
11-50	"	"	F	4bp		7	5	30		
11-51	"	"	O	4bp		9	11	33		
11-52	"	"	O	5b,4b		41	3	50		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
11-53	92.80 to	63.70 to	0	2b	Gossan	13	7	25		
11-54	91.10	61.25	F	5dc	Gossan	4	9	21		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
12-1	89.90 to 91.10	59.75 to 61.25	F	5c,2a	Traverse 1-2	515	ND	61		
12-2	"	"	F	25,2a	Rusty	145	ND	38		
12-3	"	"	F	2aa	Gossan	155	5	46		
12-4	"	"	F	2b	Rusty	308	11	14		
12-5	"	"	F	2	Gossan	100	47	20		
12-6	"	"	F	5d	Rusty	90	5	29		
12-7	"	"	F	2a	Rusty	95	15	54		
12-8	"	"	F	5ap		51	14	59		
12-9	"	"	F	2aq	Rusty	26	2	10		
12-10	"	"	F	2aq,5	Rusty	87	ND	46		
12-11	"	"	F	5bp		69	4	73		
12-12	"	"	F	5ap		72	51	74		
12-13	"	"	F	5c	Rusty	79	4	79		
12-14	"	"	F	NA	Rusty Calcite vein	23	8	16		
12-15	"	"	F	5f		22	ND	45		
12-16	"	"	F	q	Gossan	26	4	47		
12-17	"	"	F	25	Rusty	18	1	55		
12-18	"	"	F	5bp		8	3	47		
12-19	"	"	F	q	Gossan	8	2	16		
12-20	"	"	F	q	Gossan	10	ND	25		
12-21	"	"	F	5b		27	2	79		
12-22	"	"	F	5bp		14	ND	76		
12-23	"	"	F	5c	Rusty	10	ND	59		
12-24	"	"	F	5b	Rusty	36	5	88		
12-25	"	"	F	5c	Rusty	42	ND	61		
12-26	"	"	F	25c	Gossan	11	ND	60		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
12-27	89.90 to	59.75 to	F	q	Gossan	5	1	13		
12-28	91.10	61.25	F	5f	Rusty	11	2	45		
12-29	"	"	F	NA	Gossan	8	2	10		
12-30	"	"	F	5fp		130	ND	62		
12-31	"	"	F	5cp		52	10	77		
12-32	"	"	F	25p		13	ND	33		
12-33	"	"	F	25p		MS	MS	MS		
12-34	"	"	F	5cq	Rusty	6	60	92		
12-35	"	"	0	5bp		19	6	20		
12-36	"	"	0	45bp	Gossan	6	3	15		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG (OZ/TON)	AU(OZ/TON)
13-1	98.95 to	54.70 to	0	25	Traverse 1-3	1	5	33		
13-2	97.90	54.25	F	5b		8	1	85		
13-3	"	"	F	5b	Rusty	13	8	106		
13-4	"	"	F	5bp		24	5	94		
13-5	"	"	F	5bp		16	10	130		
13-6	"	"	F	5bp		18	4	92		
13-7	"	"	F	5bp		53	34	104		
13-8	"	"	F	5bp		32	16	134		
13-9	"	"	F	5bp		29	12	106		
13-10	"	"	F	5b,25		29	5	111		
13-11	"	"	F	5b,4b		13	5	92		
13-12	"	"	F	4b,5b		13	5	60		
13-13	"	"	F	4b,5b		9	5	69		
13-14	"	"	F	4b,5b		11	4	53		
13-15	"	"	F	4b,5b		18	15	58		
13-16	"	"	F	5bp		26	16	85		
13-17	"	"	F	25p,5b		14	6	80		
13-18	"	"	F	5bp		13	13	70		
13-19	"	"	F	5b,25p		14	9	39		
13-20	"	"	F	5bp	Rusty	74	66	88		
13-21	"	"	F	5b	Rusty	6	37	97		
13-22	"	"	0	25p		15	6	68		
13-23	"	"	F	5bp		12	19	104		
13-24	"	"	F	5bp	Rusty	35	9	123		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
14-1	98.95 to	54.15 to	F	5b	Traverse 1-4	22	7	110		
14-2	97.85	53.60	F	25bp		16	11	80		
14-3	"	"	F	5b		14	ND	98		
14-4	"	"	F	2a		4	5	47		
14-5	"	"	F	5b		7	7	64		
14-6	"	"	F	1,2c		5	73	31		
14-7	"	"	F	23p		7	11	36		
14-8	"	"	F	5b		54	8	137		
14-9	"	"	F	5bp		55	29	73		
14-10	"	"	F	5bp		4	5	49		
14-11	"	"	F	5b		7	ND	50		
14-12	"	"	F	5b		15	2	100		
14-13	"	"	F	2a		1	1	23		
14-14	"	"	F	3		12	17	42		
14-15	"	"	F	5bp		7	5	74		
14-16	"	"	F	5b		13	12	86		
14-17	"	"	F	25b		12	1	74		
14-18	"	"	F	2c		2	2	27		
14-19	"	"	F	25b		3	ND	46		
14-20	"	"	F	2ap		2	2	21		
14-21	"	"	F	qp	Rusty	9	4	19		
14-22	"	"	F	25bp		11	5	48		
14-23	"	"	F	1a		4	1	27		
14-24	"	"	F	25p		10	7	21		
14-25	"	"	F	32a		1	ND	39		
14-26	"	"	F	5c	Rusty	4	4	39		
14-27	"	"	F	3		3	8	40		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
21-1	93.00 to	63.60 to	F	5dp	Traverse 2-1	48	9	88		
21-2	91.60	61.40	F	5dp		11	ND	64		
21-3	"	"	F	5dp		8	ND	76		
21-4	"	"	F	5d		30	17	85		
21-5	"	"	F	5cp		11	3	71		
21-6	"	"	F	5cp		31	ND	90		
21-7	"	"	F	5ap		36	ND	270		
21-8	"	"	F	5bp		18	6	57		
21-9	"	"	F	5cp		24	1	58		
21-10	"	"	F	5cp		11	ND	73		
21-11	"	"	F	5b		25	7	71		
21-12	"	"	F	5, l		46	26	55		
21-13	"	"	F	5a		16	26	57		
21-14	"	"	F	5q		28	14	51		
21-15	"	"	F	5q		17	4	64		
21-16	"	"	F	5q		33	12	87		
21-17	"	"	F	5ap		30	ND	75		
21-18	"	"	F	4		11	6	19		
21-19	"	"	F	5cp		15	ND	73		
21-20	"	"	F	5ap		32	12	54		
21-21	"	"	F	5ap		20	6	51		
21-22	"	"	F	5cp		38	4	69		
21-23	"	"	F	5c		12	15	69		
21-24	"	"	F	5ap		29	ND	90		
21-25	"	"	F	5c		135	ND	82		
21-26	"	"	F	5c		9	2	67		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
21-27	93.00 to	63.60 to	F	4	Traverse 2-1 (cont'd)	30	62	98		
21-28	91.60	61.40	F	4		7	ND	72		
21-29	"	"	F	5c		28	17	88		
21-30	"	"	O	5a		23	20	80		
21-31	"	"	O	5a		11	ND	84		
21-32	"	"	F	5		4	5	47		
21-33	"	"	F	5a		21	3	81		
21-34	"	"	F	5		27	21	91		
21-35	"	"	F	5p		30	2	76		
21-36	"	"	F	5c		28	ND	73		
21-37	"	"	F	5c		16	20	72		
21-38	"	"	F	2		6	1	39		
21-39	"	"	F	2,5		7	9	34		
21-40	"	"	F	2a		5	3	19		
21-41	"	"	F	5cp		23	1	88		
21-42	"	"	F	2a		8	ND	63		
21-43	"	"	F	NR		MS	MS	MS		
21-44	"	"	F	5c		8	3	79		
21-45	"	"	F	2		3	3	31		
21-46	"	"	NA	NA	Not collected	MS	MS	MS		
21-47	"	"	NA	NA	Not collected	MS	MS	MS		
21-48	"	"	F	4		11	11	36		
21-49	"	"	F	5c		34	5	74		
21-50	"	"	F	4		7	15	32		
21-51	"	"	O	4p		7	11	35		
21-52	"	"	O	4p		4	6	30		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
21-53	93.00 to	63.60 to	F	25,4p		13	22	22		
21-54	91.60	61.40	0?	4p		5	9	28		
21-55	"	"	0	4p		89	66	40		
21-56	"	"	0	4p		9	7	29		
21-57	"	"	F	4,2?		13	6	51		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
22-1	91.60 to	61.40 to	O	4,5	Traverse 2-2	44	2	70		
22-2	90.80	60.15	F	4,5		10	ND	36		
22-3	"	"	O	4,5		13	ND	15		
22-4	"	"	F	4,5		7	ND	30		
22-5	"	"	O	4,5		33	1	99		
22-6	"	"	O	5		37	ND	91		
22-7	"	"	F	5		19	ND	66		
22-8	"	"	F	5		66	12	89		
22-9	"	"	F	5		37	7	83		
22-10	"	"	F	26		6	1	37		
22-11	"	"	F	26		11	2	39		
22-12	"	"				7	1	50		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
23-1	95.80 to	52.80 to	F	2	Traverse 2-3	9	10	87		
23-2	97.90	54.25	F	5c		26	8	91		
23-3	"	"	F	2a		19	3	86		
23-4	"	"	F	2a		6	1	52		
23-5	"	"	F	2a		11	1	45		
23-6	"	"	F	2a		14	1	65		
23-7	"	"	F	5a		35	5	100		
23-8	"	"	F	5c		28	3	89		
23-9	"	"	F	5a		12	2	58		
23-10	"	"	F	5a		42	98	100		
23-11	"	"	F	5c		28	10	81		
23-12	"	"	F	5a		52	15	88		
23-13	"	"	F	5a		30	13	94		
23-14	"	"	F	5a		58	6	113		
23-15	"	"	F	5a		21	5	116		
23-16	"	"	F	5a		17	2	64		
23-17	"	"	F	5a		18	430	94		
23-18	"	"	F	5a		12	25	98		
23-19	"	"	F	5ap		13	34	80		
23-20	"	"	F	5a		16	11	116		
23-21	"	"	F	5a		33	8	90		
23-22	"	"	F	5a		28	2	124		
23-23	"	"	F	4		1	5	15		
23-24	"	"	F	5a		53	4	102		
23-25	"	"	F	4		6	5	36		
23-26	"	"	F	5a		9	12	45		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
23-27	95.80 to	52.80 to	F	5a	Traverse 2-3 (cont'd)	9	1	76		
23-28	97.90	54.25	F	5a		16	1	82		
23-29	"	"	F	5a		7	1	104		
23-30	"	"	F	5cp		6	1	66		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
24-1	95.90 to	52.50 to	F	5c	Traverse 2-4	15	9	116		
24-2	97.85	53.60	F	4		4	14	87		
24-3	"	"	F	4		3	4	44		
24-4	"	"	F	5a		10	21	93		
24-5	"	"	O	2b		18	10	80		
24-6	"	"	O	2b		17	6	77		
24-7	"	"	O	2b		35	5	60		
24-8	"	"	F	2a		34	1	109		
24-9	"	"	F	2a		27	17	78		
24-10	"	"	F	2a		4	1	64		
24-11	"	"	F	2a		8	3	75		
24-12	"	"	F	5c		16	2	91		
24-13	"	"	F	5c		10	22	111		
24-14	"	"	F	5c		17	7	118		
24-15	"	"	F	5c		61	13	82		
24-16	"	"	F	5c,q		28	6	94		
24-17	"	"	F	5cp		18	ND	84		
24-18	"	"	F	5c		14	52	103		
24-19	"	"	O	5c		21	13	92		
24-20	"	"	O	5c		7	1	129		
24-21	"	"	F	2a		28	5	87		
24-22	"	"	F	2a		24	3	151		
24-23	"	"	F	2a		5	6	37		
24-24	"	"	F	2a		7	16	38		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
41-1	98.10 to	47.20 to	F	5b	Traverse 4-1	25	49	145		
41-2	99.85	49.00	F	5c		46	48	130		
41-3	"	"	F	4		24	111	49		
41-4	"	"	F	4p		30	651	340		
41-5	"	"	F	4p		76	74	83		
41-6	"	"	F	5c		17	15	120		
41-7	"	"	F	5c		13	27	71		
41-8	"	"	F	5c		7	5	68		
41-9	"	"	F	5b		2	38	160		
41-10	"	"	F	5a		28	4	195		
41-11	"	"	F	5b		39	30	130		
41-12	"	"	F	5a		19	ND	78		
41-13	"	"	F	1c		4	7	36		
41-14	"	"	F	5c		6	3	80		
41-15	"	"	F	4p		9	68	63		
41-16	"	"	F	5p		9	46	66		
41-17	"	"	F	5c		10	ND	94		
41-18	"	"	F	5c		16	6	125		
41-19	"	"	F	5c		59	18	92		
41-20	"	"	F	5c		37	2	135		
41-21	"	"	F	5c		2	ND	76		
41-22	"	"	F	5c		44	5	125		
41-23	"	"				.4	ND	151		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AL(OZ/TON)
42-1	88.20 to	56.45 to	F	4	Traverse 4-2	7	6	34		
42-2	89.00	58.40	F	4		3	1	14		
42-3	"	"	F	4		12	4	31		
42-4	"	"	F	4		7	1	25		
42-5	"	"	F	4p		37	10	95		
42-6	"	"	F	4		8	25	60		
42-7	"	"	F	5	Red	11	3	23		
42-8	"	"	F	5c		48	23	55		
42-9	"	"	O?	5b		38	11	93		
42-10	"	"	F	5b		16	7	74		
42-11	"	"	F	5a		6	1	75		
42-12	"	"	F	2b		15	11	45		
42-13	"	"	F	2c		7	8	24		
42-14	"	"	F	4		17	24	35		
42-15	"	"	F	1,5	Leached	8	28	23		
42-16	"	"	F	2b		11	29	12		
42-17	"	"	F	5a		30	6	95		
42-18	"	"	F	5f		26	ND	65		
42-19	"	"	F	5b		53	9	65		
42-20	"	"	F	5c		26	2	77		
42-21	"	"	F	5b		44	7	125		
42-22	"	"	F	5f		14	1	130		
42-23	"	"	F	5c		29	2	96		
42-24	"	"	F	5bp		115	93	49		
42-25	"	"	F	5bp		23	4	91		
42-26	"	"	F	5bp		50	4	120		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
42-27	88.20 to	56.45 to	0?	5bp	Traverse 4-2 (cont'd)	45	30	73		
42-28	89.00	58.40	F	5c		8	6	32		
42-29	"	"	F	5c		31	9	84		
42-30	"	"	F	5c		10	4	44		
42-31	"	"	F	5c		18	11	89		
42-32	"	"	F	5c		53	31	240		
42-33	"	"	F	1a		11	36	64		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
43-1	89.05 to	56.20 to	F	1b	Traverse 4-3	11	2	40		
43-2	89.90	59.10	F	5cp		46	14	91		
43-3	"	"	F	1b		2	ND	28		
43-4	"	"	F	2d		10	ND	73		
43-5	"	"	F	2c		6	3	47		
43-6	"	"	O?	2d		20	ND	51		
43-7	"	"	O?	1b		17	7	14		
43-8	"	"	F	1b		42	2	29		
43-9	"	"	F	1c		4	13	38		
43-10	"	"	F	2cp		13	5	81		
43-11	"	"	F	2c		2	3	39		
43-12	"	"	F	5c		47	1	101		
43-13	"	"	O	5a		78	45	28		
43-14	"	"	F	4		6	11	16		
43-15	"	"	F	4p		13	4	28		
43-16	"	"	F	4p		4	11	107		
43-17	"	"	F	4p		195	139	43		
43-18	"	"	F	2c	Visible Galena	8	184	17		
43-19	"	"	F	4p		5	2	61		
43-20	"	"	F	4		5	ND	18		
43-21	"	"	F	2bp		7	21	19		
43-22	"	"	F	2cp		8	ND	76		
43-23	"	"	F	2c		2	ND	40		
43-24	"	"	F	5c		27	1	102		
43-25	"	"	F	1c		3	ND	16		
43-26	"	"	F	5c		2	ND	24		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
43-27	89.05 to	56.20 to	F	5c	Traverse 4-3 (cont'd)	23	7	79		
43-28	89.90	59.10	F	5c		30	7	99		
43-29	"	"	F	5c		20	ND	99		
43-30	"	"	F	1c		6	ND	44		
43-31	"	"	F	5c		11	ND	51		
43-32	"	"	F	5c		4	ND	55		
43-33	"	"	F	5c		37	34	87		
43-34	"	"	F	5c		19	2	108		
43-35	"	"	O	1c		6	ND	31		
43-36	"	"	F	2b		14	39	42		
43-37	"	"	F	5cp		31	1	26		
43-38	"	"	F	4		12	29	8		
43-39	"	"	F	4		5	1	50		
43-40	"	"	O	5c		24	ND	101		
43-41	"	"	O	5c		31	21	97		
43-42	"	"	F	5bp		19	36	98		
43-43	"	"	F	5c		40	49	131		
43-44	"	"	F	5c		37	50	109		
43-45	"	"	F	4p		49	7	69		
43-46	"	"	F	4p		7	6	22		
43-47	"	"	O	5c		10	2	88		
43-48	"	"	O	5c		35	ND	133		
43-49	"	"	O	4		16	21	23		
43-50	"	"	O	4		11	3	103		
43-51	"	"	F	5c		28	7	101		
43-52	"	"	O	5c		14	ND	83		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
SNOW 1-1					SEE DETAILED MAPS FOR LOCATION, LITHOLOGY,	76	2000	2300		
" 1-2					ETC.	81	1400	4100		
" 1-3						125	2800	565		
" 1-4					SNOW "1" SERIES, MOSTLY SPH & GAL & ASPY	6300	286	46100		
" 1-5					& PY MINERALIZED VEIN ROCK FROM SNOW 1 VEIN	191	1870	980		
" 1-6						14	1155	181		
" 1-7						82	4900	760		
" 1-8						124	2700	4700		
" 1-9						2340	54	209000		
" 1-10						23	1300	2300		
" 1-11						22	2000	334		
" 1-12						40	496	409		
" 1-13						65	1800	471		
" 1-14						24	1100	1300		
" 1-15						990	204	4300		
" 1-16						107	576	584		
" 1-17						299	800	13900		
" 1-18						11	1500	841		
" 1-19						157	900	2500		
" 1-20						66	280	193		
" 1-21						ND	340	257		
" 1-22						29	295	857		
" 1-23						370	180	1900		
" 1-24						1	517	351		
" 1-25						64	250	322		
" 1-26A						25	2300	298		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
1-26B					SEE DETAILED MAPS FOR LOCATION, LITHOLOGY,	256	295	312		
1-27					ETC.	27	4000	284		
1-28						398	147	12600		
1-29					SNOW "1" SERIES, -MOSTLY SPH & GAL & ASPY	2240	61	113000		
1-30					& PY MINERALIZED VEIN ROCK FROM SNOW 1 VEIN	27	253	133		
1-31						1	656	184		
1-32						32	1300	299		
1-33						37	899	378		
1-34						26	570	291		
1-35						1890	121	7160		

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
SNOW 2-1					SNOW "2" SERIES, MOSTLY GAI & SPH & ASPY & PY	3430	59	247000		
" 2-2					MINERALIZED ROCKS FROM SNOW 2 VEIN.	3680	166	7390		
" 2-3						190	198	411		
" 2-4						90	470	2600		
" 2-5						4130	50	113000		
NOR 1					NOR SERIES, CU MINERALIZED QTZ. VEIN NEAR	246	1700	3300		
NOR 2					NORRANCO CABIN	35600	221	527		
NOR 3						513	88	165		
NOR 4						6470	94	205		
NOR 5						201	481	311		
NOR 6						17000	39	51		
NOR 7						1540	1150	49		
NOR 8						2160	51	53		
NOR 9						2160	143	120		
H 1					H SERIES, FROM HAUNTED CIRQUE CU-MINERALIZED					
H 2					QTZ. VEIN.					
H 3										
H 4										
H 5										
H 6										
H 7										
H 8										

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
H 9					H SERIES, FROM HAUNTED CIRQUE					
H 10					QUARTZ VEIN, SEE DETAILED MAPS.					
H 11										
H 12										
H 13										
H 14										
H 15										
H 16										
H 17										
H 18										
H 19										
H 20										
H 21										
H 22										
H 23										
H 24										
H 25										
H 26										
H 27										
H 28										

SAMPLE	EASTING	NORTHING	TYPE	LITH	COMMENTS	CU PPM	PB PPM	ZN PPM	AG(OZ/TON)	AU(OZ/TON)
JRJ 1					JRJ SERIES, FROM CU-QTZ VEIN, NORRANCO CABIN,	11000	ND	100	0.032	0.001
JRJ 2					LOWER ZONE.	2900	100	100	ND	ND
JRJ 3						11600	100	100	0.009	ND
JRJ 4						3100	100	100	ND	ND
JRJ 5						3300	ND	100	ND	0.001
JRJ 6						7700	ND	100	ND	ND
JRJ 7						1000	ND	100	ND	ND
JRJ 8						500	ND	100	ND	ND
JRJ 9						300	ND	100	0.001	ND
JRJ 10						2300	ND	ND	ND	ND
JRJ 11						200	ND	ND	ND	ND
JRJ 12						100	ND	ND	ND	ND
JRJ 13						100	ND	100	0.001	ND
JRJ 14						ND	ND	100	ND	ND
JRJ 15						100	ND	100	0.006	ND
JRJ 16										
JRJ A						17000	100	100	0.02	ND
JRJ B						120000	ND	400	0.312	0.006
JRJ C						17700	100	100	0.009	ND
JRJ D						68000	ND	100	0.064	0.007
JRJ E						54000	ND	200	0.091	0.001
JRJ F						11000	ND	100	0.006	ND

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-1	01.90	61.80	4360	NR	1.0	BN	40-30-20-10	1	Seep	37	12	41
1-2	01.94	61.75	NR	NR	2.0	BN	0-50-50-0	NA	Seep	22	9	49
1-3	02.03	61.70	4350	NR	1.0	RD-BN	20-40-30-10	1	Seep	18	12	40
1-4	02.09	61.70	4340	NR	1.0	BN	0-40-40-20	NA	Moss Sample	24	11	39
1-5	02.16	61.64	4360	NR	2.0	BN	0-30-30-40	NA	Moss Sample	20	9	32
1-6	02.20	61.63	4360	NR	1.0	BN	0-50-50-0	1,2	Seep	30	8	32
1-7	02.28	61.60	4380	NR	1.0	BN	0-30-30-40	2		32	12	34
1-8	02.80	61.59	4380	NR	1.0	BN	10-40-40-10	2a,1		25	4	31
1-9	02.40	61.50	4400	NR	1.0	BN	20-30-30-20	2a,1		40	9	48
1-10	09.64	51.66	3900	NR	1.0	BN	0-20-80-0	2a,6	Logging Area	42	17	60
1-11	09.64	51.66	3900	NR	1.0	BN	0-20-80-0	2,6	Duplicate Sample	43	17	62
1-12	09.60	51.40	3920	NR	1.0	BN	60-20-20-0	2,1,5	Logging Area	38	67	220
1-13	09.50	51.10	3920	NR	1.0	BN-GY	30-30-35-5	2a,1		32	17	59
1-14	08.70	51.00	4020	NR	1.0	BN-GY	0-60-40-0	4,4b,1,2		40	52	62
1-15	08.45	51.20	4160	NR	2.0	PL-GY	0-50-45-5	1,2,5	Logging Area	22	12	51
1-16	09.60	51.60	4000	NR	1.0	BN	0-50-50-0	1,2a	Logging Area	33	17	58
1-17	09.50	51.96	4140	NR	1.0	BN	20-40-40-0	2a,1	Logged	30	33	66
1-18	08.90	52.16	4520	NR	2.0	BN	30-45-20-5	1,2a,5	Seep	46	21	64
1-19	08.70	52.20	4680	NR	2.0	GY	30-40-25-5	2a,1	Seep	54	23	60
1-20	08.50	53.35	4300	NR	NR	BN	10-30-40-20	5	Seep	19	6	64
1-21	08.50	53.35	4300	NR	NR	BN	10-30-40-20	5	Duplicate	16	10	61
1-22	08.10	53.70	4300	NR	0.0	NR	0-45-50-5	3	Seep	19	16	63
1-23	07.12	54.40	4400	2.0	1.0	BN	0-50-50-0	5,2		34	22	100
1-24	05.80	46.20	4200	NR	1.0	BN	50-25-25-0	1,2,q		21	20	74
1-25	05.30	45.97	4440	NR	2.0	BN	20-40-40-0	1,2,q		25	18	94

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-26	05.10	45.75	4500	NR	2.5	BN-GY	20-40-40-0	5b,1d,q?		33	24	112
1-27	05.00	45.50	4550	NR	3.0	BN-GY	20-40-40-0	2a,1b,5b		55	39	120
1-28	04.85	45.76	4820	NR	2.0	GY	70-20-10-0	1b,2a,q		28	14	156
1-29	04.80	45.68	4820	NR	3.0	BN	80-20-0-0	1,2b,q		24	13	84
1-30	04.80	45.60	4820	NR	2.5	BN	90-10-0-0	1,2a		86	30	102
1-31	04.30	45.53	4920	NR	2.0	BN	90-10-0-0	2a,5		26	16	100
1-32	04.02	45.5	5000	NR	1.0	GY	70-20-10-0	NA		37	27	104
1-33	03.98	45.46	5000	NR	1.5	BN	20-40-40-0	1,2c		31	22	90
1-34	03.98	45.46	5000	NR	1.5	BN	20-40-40-0	1,2c	Duplicate	32	23	90
1-35	03.30	45.30	5120	NR	2.5	GY	10-60-30-0	5ap,1,2a		49	19	82
1-36	02.98	45.15	5150	NR	2.0	GY	10-45-45-0	2,1,5		49	20	82
1-37	02.75	45.10	5180	NR	2.0	GY	50-40-10-0	2c,1,q		39	25	78
1-38	02.6-	44.98	5280	NR	2.0	GY	60-30-5-5	2a,1		46	22	90
1-39	05.40	48.65	NR	NR	3.0	GY	0-50-50-0	5bp	Chloritized qtz.	44	22	104
1-40	05.70	48.50	NR	NR	3.0	GY	0-50-50-0	5bp		33	14	86
1-41	05.70	48.50	NR	NR	3.0	GY	0-50-50-0	5bp	Duplicate	40	15	102
1-42	05.96	48.35	NR	NR	3.0	GY	0-50-50-0	2,5		43	19	98
1-43	06.96	48.10	NR	NR	1.5	GY	0-50-50-0	3		45	23	100
1-44	06.40	47.94	NR	NR	1.5	GY	20-40-40-0	NA		37	17	114
1-45	04.96	42.26	NR	NR	2.5	BN	50-25-20-5	1,q		35	18	84
1-46	05.00	46.30	NR	NR	3.0	GY	60-30-10-0	5	Seep	31	9	86
1-47	04.53	46.74	NR	NR	3.0	BN	60-30-10-0	2		38	35	88
1-48	04.54	46.60	NR	NR	NR	BN	50-30-20-0	1,2		35	22	106
1-49	04.70	46.48	NR	NR	2.5	BN	60-30-10-0	1,2,q		32	18	88
1-50	04.72	46.50	NR	NR	3.0	BN-GY	90-10-0-0	1,2,q,5		34	24	92

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-51	05.65	45.70	NR	NR	1.0	BN	20-40-40-0	NA		28	19	68
1-52	05.65	45.70	NR	NR	1.0	BN	20-40-40-0	NA	Duplicate	27	17	70
1-53	91.50	60.60	5300	NR	2.0	BN-GY	35-35-30-0	5b	Seep	34	28	81
1-54	92.05	60.50	5480	NR	2.0	BN	40-30-30-0	1,2	Seep	30	19	66
1-55	92.08	60.48	5500	NR	1.0	BN	0-50-50-0	2	Seep	39	21	71
1-56	92.55	59.46	5800	NR	1.0	BN	40-30-30-0	25,2	Seep	28	18	67
1-57	91.30	60.50	5200	NR	1.0	BN	0-50-50-0	1,2	Seep	42	20	72
1-58	92.65	59.26	5700	NR	1.0	BN	60-30-10-0	2,25,5a	Seep	27	9	69
1-59	92.80	59.14	5800	NR	1.0	BN	10-45-45-0	25,2		40	17	92
1-60	92.80	59.14	5800	NR	1.0	BN	10-45-45-0	2,25	Duplicate	35	13	88
1-61	92.84	59.20	5800	NR	1.0	NR	5-20-75-0	5ap,5bp,5cp		25	9	78
1-62	92.62	59.72	5660	NR	1.5	BN	0-60-40-0	3,4,2,5		37	10	94
1-63	02.60	59.66	5660	NR	NR	NR	0-70-30-0	3,4,2,5		52	6	96
1-64	92.50	60.10	5550	NR	0.0	BN	0-50-50-0	NA		22	3	87
1-65	92.46	60.20	5540	NR	0.5	DK-BN	5-60-30-5	NA		26	19	82
1-66	92.38	60.30	5510	NR	1.0	BN	20-40-40-0	NA		18	12	79
1-67	92.30	60.40	5490	NR	2.0	DK-BN	20-40-30-10	2,25		25	8	88
1-68	91.98	60.72	5350	NR	1.5	BN	0-40-60-0	1,2,5		36	13	78
1-69	92.00	60.77	5350	NR	0.5	DK-GY	0-50-50-0	NA	Seep	30	14	98
1-70	92.00	60.77	5350	NR	0.5	DK-GY	0-50-50-0	NA	Duplicate	31	9	96
1-71	89.80	55.36	5770	NR	2.0	BN	0-50-50-0	1,5bp,2		43	61	100
1-72	89.85	55.40	5770	NR	2.0	BN	0-50-50-0	1,2,5		40	17	92
1-73	89.50	55.00	5720	NR	2.5	BN	0-50-50-0	1,2		43	611	164
1-74	89.50	55.23	5710	NR	1.0	BN	0-30-70-0	NA		40	75	106
1-75	89.53	55.25	5710	NR	0.5	NR	80-15-5-0	1,2		31	35	82

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-76	89.60	55.66	5710	NR	0.5	BN	0-50-50-0	2,5		44	36	96
1-77	89.50	55.70	5700	NR	NR	BN	0-50-50-0	1,2,5		45	42	108
1-78	89.44	55.90	5680	NR	1.0	NR	0-50-50-0	1,2,5		43	58	88
1-79	89.38	55.92	5680	NR	1.0	RD-BN	60-30-10-0	NA	Seep	29	38	88
1-80	89.28	56.34	5520	NR	3.0	BN	10-60-30-0	5bp		36	24	82
1-81	89.25	56.30	5510	NR	2.0	BN	0-50-50-0	1,2,5		44	33	96
1-82	89.25	56.30	5510	NR	2.0	BN	0-50-50-0	1,2,5	Duplicate	41	38	86
1-83	88.80	56.64	5360	NR	1.0	BN	20-50-30-0	1,2,15		39	23	96
1-84	88.94	56.50	5420	NR	NR	PL-BN	0-20-80-0	4b		37	18	80
1-85	88.74	56.78	5380	NR	2.0	BN	0-50-50-0	1,2		28	14	60
1-86	88.82	56.78	5370	NR	1.0	BN	0-50-50-0	1,2,5		44	39	94
1-87	88.66	57.00	5300	NR	1.0	BN	0-50-50-0	NA		24	10	46
1-88	93.40	63.80	4800	NR	1.5	BN	30-40-20-10	2a,5b	Logging	45	17	58
1-89	93.30	64.50	4580	NR	1.0	BN	0-70-30-0	2q		23	11	50
1-90	95.30	63.30	4500	NR	2.0	NR	0-40-60-0	2		49	22	112
1-91	87.43	57.10	6820	4.0	1.0	DK-GY	10-70-20-0	2q,25a,q		61	19	120
1-92	87.46	57.30	7020	5.0	1.5	DK-GY	70-20-0-10	25a,2cp,q		44	34	120
1-93	87.54	57.20	6920	5.0	1.5	DK-GY	30-30-30-10	2cq		48	38	120
1-94	87.50	57.20	6840	5.0	1.5	MD-GY	10-60-30-0	2cq		35	39	110
1-95	87.90	57.10	6350	2.0	2.0	BN	40-40-20-0	5ep,2,1,q		63	37	120
1-96	87.90	56.90	6390	3.5	2.0	DK-GY	30-30-15-15-	1c,2c,q		33	30	92
1-97	88.05	57.00	6220	4.0	.0	NR	0-40-20-40	1b,2a,q		31	32	80
1-98	88.05	57.04	6100	1.0	2.5	BN	40-40-20-0	5e,2,q		57	22	115
1-99	88.10	57.00	6000	5.0	3.0	MD-GY	40-40-20-0	2c,1a		55	19	110
1-100	88.25	56.96	5775	2.5	2.5	MD-GY	0-50-50-0	5c		54	15	105

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-101	99.53	58.14	7400	4.5	1.0	GY	20-30-50-0	5,2		95	49	100
1-102	99.00	58.40	7350	5.0	1.0	GY	0-40-50-10	2,1a		775	59	78
1-103	99.42	58.15	7160	3.0	1.0	GY	10-20-60-10	2a		66	36	105
1-104	99.28	58.20	7100	3.0	1.0	GY	0-30-70-0	5cq,2a		26	14	100
1-105	99.10	58.26	7050	3.0	2.0	BN	0-60-40-0	2a		68	31	195
1-106	08.70	51.00	4140	4.0	1.5	BN	50-30-20-0	NA		26	11	65
1-107	08.68	51.08	4170	3.0	NR	BN	0-50-50-0	2b		17	80	53
1-108	08.60	51.16	4220	3.0	1.0	BN	0-50-50-0	3,5c		16	7	52
1-109	06.67	51.18	4220	3.0	1.0	BN	0-50-50-0	3,5		21	11	55
1-110	08.64	51.24	4220	4.0	1.5	BN	0-50-50-0	3,2b		22	9	52
1-111	09.60	51.37	3930	5.0	1.0	BN	0-50-50-0		Duplicate of 1- 12	36	31	70
1-112	09.60	51.37	3930	4.5	1.0	BN	0-50-50-0		Duplicate of 1- 12	39	28	92
1-113	09.60	51.37	3930	4.0	1.0	BN	0-50-50-0		Duplicate of 1- 12	40	55	215
1-114	09.60	51.45	3990	NR	NR	BN	0-50-50-0	1,2		46	30	66
1-115	08.74	50.90	4200	3.5	1.5	BN	20-35-40-5	3		19	4	57
1-116	94.44	60.07	7860	3.0	1.5	GY	50-25-25-0	5b,4		40	38	79
1-117	94.24	59.96	7450	3.0	2.0	GY	40-30-30-0	5b,4,2n		44	26	81
1-118	94.24	59.90	7450	4.0	2.0	GY	20-40-40-0	5b,4,2b		42	23	80
1-119	94.20	59.98	7410	5.0	2.0	GY	29-30-30-20	2,5	Moss Sample	46	52	90
1-120	94.10	59.94	7240	5.0	1.5	GY	30-40-30-0	2,5,4		29	21	80
1-121	93.88	59.82	6950	3.0	1.5	GY	20-40-40-0	5,2		44	17	79
1-122	93.90	59.77	6950	3.0	1.5	GY	35-35-30-0	5,2		39	19	81
1-123	93.80	59.72	6840	5.0	1.0	DK-BN	40-20-20-20	5,2,4		21	17	73
1-124	93.77	59.70	6830	4.0	1.5	DK-BN	10-40-40-10	q,2		22	24	75
1-125	93.60	59.65	6450	2.5	NR	BN	10-45-45-0	2,b		27	25	80

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-151	96.34	55.83	7660	4.5	1.5	GY	20-40-40-0	5bp,4b		23	13	49
1-152	96.38	55.54	7650	5.0	1.5	GY	0-50-50-0	4b,5bp,5b		27	25	59
1-153	96.74	55.68	6440	3.5	1.5	GY	50-25-25-0	5bp		30	22	57
1-154	96.86	55.40	6300	4.5	1.0	GY	50-25-25-0	4b,5b		32	32	60
1-155	96.87	55.27	7300	3.5	1.0	BN	20-40-40-0	2,5		23	26	58
1-156	92.65	55.20	8000	3.5	1.5	DK-BN	0-50-50-0	2,5		59	30	89
1-157	92.55	55.20	7800	4.0	1.0	DK-BN	0-50-50-0	5,2		62	23	87
1-158	92.60	55.40	7750	3.5	1.5	DK-GY	0-50-50-0	5,2		63	25	88
1-159	92.69	55.55	7500	3.5	1.5	DK-GY	0-50-50-0	5,2		65	26	87
1-160	86.00	55.57	7340	4.0	1.0	DK-BN	40-20-30-10	2		33	44	93
1-161	86.20	55.54	7180	3.5	1.0	BN	30-30-40-0	5ep		31	42	88
1-162	86.40	55.29	7050	3.5	1.5	BN-GY	40-30-25-5	5,2		34	39	89
1-163	86.54	55.52	6950	3.0	1.5	GY-BL	50-25-25-0	2,5ep		39	36	86
1-164	86.60	55.55	7000	4.5	1.0	BN	60-30-10-0	5ep		43	42	84
1-165	86.48	55.62	7060	3.5	1.5	NR	30-40-25-5	5ep		41	34	88
1-166	86.33	55.80	7200	3.5	1.5	DK-BN	40-25-25-10	5ep		42	35	87
1-167	86.95	56.50	7220	4.5	2.0	BN	50-25-25-0	5ep,2a		31	41	82
1-168	86.85	56.35	7100	4.0	1.5	BN	50-25-20-5	5ep		46	38	85
1-169	NR	NR	NR	NR	NR	NR	NR		No Sample			
1-170	NR	NR	NR	NR	NR	NR	NR		No Sample			
1-171	NR	NR	NR	NR	NR	NR	NR		No Sample			
1-172	NR	NR	NR	NR	NR	NR	NR	NR	No Sample	NR	NR	NR
1-173	94.70	43.80	NR	5.0	2.0	GY	10-40-50-0	2		37	30	83
1-174	95.30	44.30	NR	NR	NR	BN-GY	20-40-40-0	2,5		33	31	79
1-175	94.60	43.90	NR	NR	NR	NR	NR	2,5		46	12	69

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-176	96.15	44.80	NR	NR	NR	NR	30-40-20-10	5bp,2a		34	19	71
1-177	95.85	44.45	NR	5.0	1.0	BN	20-40-40-0	5c		34	21	70
1-178	95.45	49.40	NR	NR	NR	BN-GY	20-40-30-10	5		39	33	85
1-179	96.50	44.60	NR	3.0	2.0	GN	40-50-10-0	2,5c		43	37	91
1-180	95.98	49.05	NR	NR	NR	BN-GY	30-40-30-0	2,5		49	39	93
1-181	95.95	49.50	NR	4.0	2.0	BN	10-70-20-0	2,5c		43	33	91
1-182	93.85	50.22	NR	NR	NR	BN-GY	30-40-20-10	5a		26	31	71
1-183	93.70	49.75	NR	3.0	2.0	BN	10-80-10-0	2,5		22	19	49
1-184	93.70	53.70	NR	NR	NR	BN-GY	30-40-30-0	5,2		26	21	58
1-185	93.80	52.95	NR	5.0	2.0	BN	10-70-20-0	2,5		M.S	M.S	M.S
1-186	93.85	53.78	NR	NR	NR	BN-GY	30-40-20-10	2,5a		34	24	81
1-187	93.15	52.95	NR	5.0	1.0	GY	10-70-20-0	2a,5c		36	25	83
1-188	93.90	54.30	NR	NR	NR	BN-GY	40-30-20-10	5c,2a		44	20	83
1-189	93.20	53.02	NR	5.0	1.0	BN	10-80-10-0	2a,2b		22	35	54
1-190	93.15	54.0	NR	NR	NR	BN-GY	20-50-20-10	5a,2		31	27	59
1-191	92.95	54.18	NR	3.0	2.0	BN	20-60-20-0	5c,2b		55	24	81
1-192	93.25	54.05	NR	NR	NR	BN-GY	40-30-20-10	1,2,5		54	30	87
1-193	92.10	52.05	NR	5.0	1.0	GY	10-80-10-0	5bp,2,5c		38	18	79
1-194	91.95	51.95	NR	NR	NR	BN-GY	10-40-40-10	5,4		44	20	88
1-195	92.15	52.85	NR	4.0	2.0	GY	10-80-10-0	2b,5c		46	27	83
1-196	91.40	52.50	NR	NR	NR	NR	30-30-30-10	5bp,2		40	19	79
1-197	92.60	56.80	NR	3.0	2.0	GY	10-80-10-0	5c,2		54	17	84
1-198	91.22	51.15	NR	NR	NR	BN-GY	0-10-90-0	5,2a		36	12	83
1-199	92.50	56.75	NR	3.0	2.0	GY	10-80-10-0	5c,2b		46	22	86
1-200	91.92	56.3	NR	NR	NR	GY	30-40-30-10	5,1,2		47	27	91

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-201	91.80	56.60	NR	5.0	1.0	BN	10-80-10-0	2b,5c		40	37	81
1-202	92.20	56.00	NR	NR	NR	BN-GY	10-35-55-0	2b,5b		38	21	76
1-203	92.70	56.10	NR	3.0	2.0	GY	10-80-10-0	5c,2a		23	21	79
1-204	92.92	56.50	NR	NR	NR	BN-GY	20-30-40-10	2,5c		41	22	81
1-205	93.05	56.75	NR	3.0	2.0	BN	20-70-10-0	2a,a		39	15	95
1-206	93.70	56.10	NR	NR	NR	GY	30-40-20-10	q,2,5a		41	17	82
1-207	93.75	56.75	NR	3.0	2.0	BN	0-50-40-10	2a		40	47	73
1-208	94.95	56.70	NR	NR	NR	BN-GY	0-50-50-0	4,q,5		42	14	80
1-209	94.00	57.00	NR	3.0	2.0	GY	0-80-20-0	5c,2,q		40	20	77
1-210	94.35	57.30	NR	NR	NR	BN-GY	0-50-50-0	5		41	22	79
1-211	91.82	58.65	NR	4.0	2.0	GY	10-80-10-0	4,2		39	18	74
1-212	91.98	58.30	NR	6.0	2.0	BN-GY	30-30-30-10	5a,2		M.S.	M.S.	M.S.
1-213	91.07	57.30	NR	4.0	2.0	BN	10-70-20-0	5c,5b		39	40	71
1-214	91.00	57.30	NR	5.0	2.0	BN-GY	30-20-25-25	5		34	38	77
1-215	90.90	57.82	NR	2.0	1.0	MD-GN-GY	20-70-10-0	5c		M.S.	M.S.	M.S.
1-216	90.50	57.76	NR	5.0	3.0	GN-BN-GY	50-40-10-0	5,q,2		M.S.	M.S.	M.S.
1-217	90.90	54.18	NR	4.0	1.0	BN	0-70-30-0	5b,2		37	23	76
1-218	91.05	54.72	NR	5.0	3.0	NR	10-20-70-0	4		44	26	89
1-219	90.00	54.15	NR	3.0	2.0	DK-BL	0-70-30-0	2,5a		46	32	90
1-220	90.45	54.10	NR	5.0	3.0	BN-GY	0-50-50-0	4		34	15	97
1-221	88.76	63.70	NR	3.0	2.0	MD-GY	20-70-10-0	5,q		41	17	96
1-222	88.10	64.05	NR	5.0	2.0	BN-GY	40-40-20-0	q,5,1		42	29	85
1-223	88.00	64.35	NR	3.0	2.0	MD-GY	20-70-10-0	2,5a		41	17	89
1-224	94.72	61.82	NR	4.0	2.0	BN-GY	40-40-20-0	4,5b		34	22	87
1-225	94.20	62.20	NR	4.0	1.0	MD-GY	20-70-10-0	5a,2		35	30	77

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-226	00.60	58.40	NR	6.0	3.0	NR	20-40-40-0	4		35	21	83
1-227	03.15	46.85	NR	4.0	2.0	MD-GY	20-70-10-0	5c,2		32	19	86
1-228	03.00	46.82	NR	5.0	3.0	BN-GY	40-10-50-0	5		37	28	84
1-229	03.03	46.35	NR	3.0	1.0	PL-GY	40-40-10-10	2,5c		34	31	86
1-230	03.60	47.35	NR	6.0	3.0	GN-BN-GY	50-40-10-0	5,1		36	21	84
1-231	04.00	47.92	NR	5.0	2.0	MD-GN	50-40-10-0	5c,2a		37	24	73
1-232	03.80	47.75	NR	NR	NR	NR	30-25-15-30	4,5,2	Poor Sample	42	35	80
1-233	05.00	48.70	NR	4.0	1.0	MD-GN	40-50-10-0	5c,2		47	23	90
1-234	05.83	50.40	NR	NR	NR	NR	40-30-10-20	5,1		43	28	83
1-235	01.12	51.62	NR	5.0	2.0	DK-BL	0-50-30-20	5		115	24	74
1-236	01.40	51.80	NR	6.0	2.0	NR	30-40-20-10	5a,2		40	17	96
1-237	87.80	63.08	7150	3.5	1.5	DK-GY	30-30-40-0	2q		32	16	89
1-238	87.10	63.28	7050	3.5	2.0	NR	50-30-20-0	5d		22	14	91
1-239	87.02	63.20	7050	4.5	1.5	DK-BN	20-40-40-0	5,2		39	40	82
1-240	86.92	63.02	7150	3.0	2.0	PL-GY	0-50-50-0	12		37	22	86
1-241	86.70	62.96	7340	3.5	2.0	DK-GY	50-30-20-0	5dp		53	46	91
1-242	99.53	58.14	7150	4.5	1.0	DK-GY	50-25-22-3	NA	Same as 1-101			
1-243	05.20	51.15	7200	4.0	0.5	DK-GY	50-30-20-0	2				
1-244	97.23	48.26	7900	4.0	1.5	MD-GN	40-50-10-0	5c,2b		27	17	70
1-245	97.42	48.06	7500	4.0	1.5	MD-GY	30-60-10-0	5c,2b		39	24	77
1-246	97.60	47.84	7150	4.0	1.5	MD-GY	30-60-10-0	1,2b,5c		56	69	
1-247	97.53	48.00	7350	5.0	1.5	MD-GY	20-70-10-0	5c,2b,1		35	28	64
1-248	97.40	48.00	7500	5.0	2.0	MD-BN	20-70-10-0	5b		30	10	59
1-249	97.26	47.56	7450	4.5	2.5	MD-GN	30-60-10-0	5b		30	25	76
1-250	97.12	47.07	7050	4.0	1.0	MD-GY	30-60-10-0	2,5		32	45	65

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
1-251	97.04	46.52	6850	3.5	1.0	BN	0-50-50-0	1,2,3		23	19	38
1-252	96.86	46.36	7000	4.0	2.0	BN	0-50-50-0	1,2,3		26	16	41
1-253	96.80	46.65	7000	4.0	2.0	BN	0-50-50-0	1,2,3		19	14	36
1-254	96.80	46.65	7000	4.0	2.0	BN	0-50-50-0	1,2,3	Duplicate	17	17	37
1-255	97.25	46.7	6700	4.5	1.5	BN	0-50-50-0	2		31	15	39
1-256	97.26	46.68	6700	4.0	1.5	BN	0-50-50-0	2		27	31	42
1-257	97.46	46.78	6580	3.5	1.5	BN	0-50-50-0	2		23	19	39
1-258	97.50	46.74	6580	3.5	1.5	BN	0-50-50-0	2		43	39	74
1-259	97.30	46.12	NR	4.0	2.0	MD-BN	0-80-20-0	2,5c		23	23	54
1-260	97.34	46.35	NR	4.0	2.0	DK-BN	0-80-20-0	1,5c,2		32	91	47
1-261	97.40	46.32	NR	4.0	2.0	MD-BN	10-70-20-0	1,2		22	23	44
1-262	97.42	46.55	NR	4.0	2.0	MD-BN	10-80-10-0	1,2		24	58	63
1-263	97.58	46.80	6580	5.0	0.5	NR	0-50-50-0	2		31	25	58
1-264	97.68	46.88	6520	4.0	2.0	NR	NR	21		21	17	33
1-265	97.74	47.00	6500	2.5	1.5	MD-BN	0-80-20-0	2,5,4		34	33	45
1-266	97.74	47.06	6500	4.0	1.5	BN	20-70-10-0	1,2,5		35	61	56
1-267	97.83	47.00	6500	3.5	2.0	MD-BN	0-50-50-0	12,5		33	31	63
1-268	98.00	47.22	5400	4.0	3.0	NR	60-20-20-0	1,2,5		24	49	93
1-269	98.04	47.32	6380	3.0	2.0	MD-BN	0-80-20-0	1,2,5		36	41	85
1-270	98.15	47.34	6370	5.0	3.0	BN	0-50-50-0	NA		42	63	73
1-271	87.75	58.01	7250	4.0	1.0	GY	40-30-30-0	5b, 4bp		45	47	96
1-272	87.60	58.65	7300	5.0	2.0	GY	0-50-50-0	5,4,12		22	11	77
1-273	87.60	58.70	7600	4.0	2.0	GY	0-50-50-0	5,4,12		50	79	89
1-274	02.20	51.65	5580	2.0	1.0	BN	0-50-50-0	2		77		143
1-275	02.45	51.80	5585	3.0	1.0	BN	50-25-20-5	2,q		39	51	97
1-276	02.10	52.10	NR	3.0	0.5	BN	40-0-50-10	2		117	112	129

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-1	91.10	60.90	4800	NR	2.0	GY	60-20-20-0	5		34	16	76
2-2	91.10	60.70	4900	NR	2.0	BN	0-30-60-10	5		48	13	57
2-3	90.80	60.50	4700	NR	1.0	BN	20-40-20-20	5		21	8	76
2-4	90.60	60.30	4700	NR	1.0	GY	10-40-40-10	5		24	11	68
2-5	90.50	60.20	4740	NR	1.0	BN	10-40-20-10	5		27	13	65
2-6	90.40	59.90	4740	NR	1.0	GY	10-40-40-10	5		24	9	63
2-7	90.00	59.70	4770	NR	0.0	GY	10-30-40-20	5		26	9	59
2-8	89.99	59.69	NR	NR	1.0	GY	10-50-30-10	5		27	9	68
2-9	89.90	59.50	4780	NR	0.0	GY	20-40-30-10	5		35	17	77
2-10	89.99	59.40	4860	NR	2.0	GY	20-40-30-10	5q		32	16	66
2-11	89.99	59.40	4860	NR	2.0	GY	20-40-30-10	NA		33	13	69
2-12	91.40	61.35	4650	NR	1.0	NR	60-10-20-10	5		32	21	78
2-13	91.60	61.80	4580	NR	0.0	GY	40-30-20-10	2p	Seep	31	20	69
2-14	91.70	62.10	4650	NR	1.0	BN	20-40-30-10	5		27	15	73
2-15	97.00	62.40	4620	NR	0.0	BN	20-60-10-10	NA	Seep	21	13	72
2-16	92.20	62.60	4560	NR	2.0	NR	0-20-60-20	NA		25	15	62
2-17	92.30	62.76	4490	NR	2.0	BN	0-20-60-20	NA		19	7	54
2-18	92.40	62.90	4360	NR	2.0	BN	20-20-50-10	NA		39	21	65
2-19	92.60	63.20	4340	NR	1.0	BN	20-30-40-10	NA		37	25	65
2-20	92.60	63.10	4340	NR	NR	NR	10-30-50-10	NA		55	22	61
2-21	93.30	62.80	NR	NR	2.0	GY	20-40-30-10	5,q		32	19	92
2-22	93.30	62.90	NR	NR	2.0	GY	60-20-10-10	NA		36	18	88
2-23	93.30	63.04	NR	NR	1.0	GY	20-50-20-10	NA		50	7	60
2-24	NR	NR	3881	NR	2.0	BN	0-60-30-10	NA		19	14	58
2-25	NR	NR	3980	NR	1.0	BN	0-60-30-10	NA		16	11	40

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-26	NR	NR	4780	NR	2.0	BN	20-40-30-10	3,q		15	13	58
2-27	NR	NR	4780	NR	2.0	BN	20-40-30-10	NA		20	15	96
2-28	NR	NR	4720	NR	2.0	BN	20-40-30-10	NA		22	15	60
2-29	NR	NR	4560	NR	2.0	BN	20-40-30-10	5,3,q		19	16	80
2-30	NR	NR	4560	NR	2.0	BN	20-40-30-10	q,3,5		23	17	68
2-31	NR	NR	4420	NR	1.0	BN	20-40-30-10	NA		16	13	76
2-32	NR	NR	4220	NR	2.0	BN	10-40-40-10	NA		24	16	78
2-33	NR	NR	4220	NR	2.0	BN	10-40-40-10	NA		22	15	62
2-34	NR	NR	4400	NR	2.0	BN	10-30-50-10	NA		22	13	60
2-35	NR	NR	3780	NR	1.0	BN	10-20-60-10	NA		22	11	54
2-36	07.90	52.20	4760	NR	2.0	BN	10-30-50-20	1,2		45	49	90
2-37	07.85	52.10	4720	NR	2.0	BN	10-20-60-10	NA	Seep	27	17	70
2-38	08.06	52.00	4660	NR	2.0	BN	20-40-40-0	NA		24	18	78
2-39	08.30	51.80	4500	NR	2.0	BN	10-20-60-10	2a		24	17	70
2-40	08.32	51.70	4300	NR	1.0	BN	10-20-60-10	NA		30	18	64
2-41	08.40	51.60	4240	NR	1.0	BN	10-30-50-10	NA		25	17	62
2-42	08.34	51.54	4240	NR	1.0	BN	20-20-50-10	NA		17	11	62
2-43	08.20	51.60	4300	NR	1.0	BN	20-20-50-10	NA		29	18	72
2-44	07.94	51.75	4400	NR	2.0	BN	20-30-40-10	NA		29	17	74
2-45	08.44	51.34	4220	NR	1.0	BN	10-30-50-10	NA		28	14	68
2-46	08.40	51.10	NR	NR	3.0	BN	20-40-30-10	NA		18	8	64
2-47	08.40	51.10	NR	NR	3.0	BN	20-40-30-10	NA	Duplicate	17	11	60
2-48	05.90	47.00	4320	NR	1.0	BN	10-40-40-10	1		70	29	126
2-49	05.84	47.02	4320	NR	1.0	BN	30-60-10-0	1		64	25	112
2-50	05.46	47.40	4800	NR	2.0	BN		5c		26	12	98

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-51	05.30	47.70	5500	NR	2.0	GY	40-20-20-20	5a		235	52	102
2-52	05.07	47.55	5560	NR	3.0	GN-GY	40-40-20-0	5c		30	32	92
2-53	05.03	47.20	5320	NR	3.0	GY	NR	5c		32	14	84
2-54	05.14	47.15	5060	NR	2.0	GY	40-30-20-10	NA		43	20	78
2-55	05.50	46.90	4300	NR	NR	GY	30-30-30-10	NA		13	4	82
2-56	05.50	46.80	4220	NR	1.0	GY	20-30-40-10	NA		19	6	60
2-57	92.30	63.70	NR	NR	2.0	GY	20-40-30-10	2a		46	16	105
2-58	92.50	63.50	NR	NR	2.0	GY	10-30-50-10	NA		36	21	98
2-59	92.54	63.30	NR	NR	1.0	GY	10-30-50-10	NA		32	15	94
2-60	91.98	63.20	NR	NR	2.0	GY	20-40-30-10	4		27	13	82
2-61A	91.90	63.45	NR	NR	3.0	GY	10-80-10-0	5a		19	10	69
2-61B	98.40	48.10	NR	NR	3.0	GY	20-20-50-10	NA		51	39	120
2-62	99.40	48.80	NR	NR	2.0	GY	10-10-60-20	NA		46	82	555
2-63	99.60	49.06	NR	NR	2.0	GY	10-20-60-10	NA		48	94	150
2-64	00.30	49.70	NR	NR	2.0	BN	10-20-70-0	NA		42	52	135
2-65	00.50	49.90	NR	NR	2.0	BN	10-20-70-0	NA		31	18	95
2-66	00.60	49.90	NR	NR	1.0	BN	10-10-80-0	NA		34	13	96
2-67	01.30	50.36	NR	5.0	2.0	GY	0-50-40-10	NA		44	23	115
2-68	01.44	50.50	NR	6.0	1.0	BN	0-40-40-20	NA		35	25	115
2-69	01.54	50.56	NR	4.0	1.0	BN	0-10-60-30	NA		47	22	125
2-70	01.60	50.60	NR	4.0	2.0	GY	10-40-40-10	NA		39	7	115
2-71	01.70	50.62	NR	5.0	1.0	GY	20-20-30-30	NA		44	35	135
2-72	01.76	50.68	NR	4.0	2.0	GY	10-20-60-10	NA		46	19	105
2-73	01.93	50.80	NR	4.0	1.0	GY	10-40-40-10	NA		50	20	105
2-74	02.00	50.86	NR	5.0	2.0	GY	0-40-50-10	NA		48	19	115

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-75	02.10	51.00	NR	5.0	3.0	GY	0-20-70-10	NA		41	38	120
2-76	02.70	51.65	NR	5.0	0.0	GY	50-30-10-10	NA		95	21	115
2-77	03.00	51.86	NR	4.0	2.0	GY	10-30-60-10	NA		64	27	115
2-78	03.05	51.90	NR	4.0	2.0	GY	10-20-60-10	NA		52	25	120
2-79	03.40	52.15	NR	5.0	2.0	BN	10-30-50-10	NA		45	21	100
2-80	03.60	52.36	NR	5.0	1.0	BN	10-30-60-0	NA		43	27	120
2-81	03.90	52.50	NR	4.0	2.0	GY	10-50-30-10	NA		33	15	105
2-82	04.10	52.55	NR	4.0	1.0	GY	10-40-40-10	NA		34	18	115
2-83	04.40	52.60	NR	5.0	2.0	BN	0-20-60-20	NA		39	32	87
2-84	04.80	52.80	NR	5.0	0.0	GY	10-20-60-0	NA		50	44	135
2-85	95.75	58.60	NR	4.0	0.0	GY	50-30-20-0	5		73	41	135
2-86	95.80	58.70	NR	4.0	2.0	NR	0-30-40-30	NA		59	36	135
2-87	95.78	58.76	NR	4.0	1.0	GY	10-40-40-10	NA		48	29	115
2-88	95.92	58.80	NR	4.0	2.0	GY	10-40-40-10	5		50	21	120
2-89	96.00	58.96	NR	4.0	2.0	GY	10-40-40-10	5		44	15	120
2-90	96.08	59.20	NR	4.0	2.0	GY	20-30-40-10	5		51	23	125
2-91	96.02	59.24	NR	4.0	2.0	GY	20-30-40-10	5		64	23	135
2-92	96.20	59.60	NR	4.0	3.0	GY	0-40-50-10	5		57	21	135
2-93	96.20	59.57	NR	4.0	2.0	GY	10-40-50-0	5		36	19	83
2-94	96.16	59.70	NR	6.0	3.0	BN	10-40-40-10	5		31	10	84
2-95	96.16	59.74	NR	5.0	3.0	GY	30-30-30-10	5		29	12	87
2-96	96.23	59.90	NR	5.0	3.0	GY	30-20-40-10	5		29	11	78
2-97	96.12	59.18	NR	6.0	3.0	GY	10-40-40-10	5,qp		57	25	85
2-98	96.10	60.10	NR	4.0	2.0	GY	20-30-40-10	2		35	16	77
2-99	96.10	60.25	NR	5.0	2.0	BN	20-40-40-0	2		51	22	80

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-100	96.14	60.34	NR	6.0	3.0	GY	20-30-40-10	2		37	18	77
2-101	96.25	60.36	NR	5.0	2.0	BN	30-30-39-10	2		40	17	74
2-102	96.33	60.46	NR	6.0	3.0	GY	20-30-40-10	2		42	23	86
2-103	96.50	60.64	NR	6.0	3.0	BN	30-20-30-20	2		30	28	77
2-104	96.40	60.70	NR	5.0	3.0	GN	10-40-40-10	NA		33	25	82
2-105	96.50	60.75	NR	3.0	2.0	NR	10-40-40-10	NA		38	20	81
2-106	96.50	60.75	NR	3.0	2.0	NR	10-40-40-10	NA		38	26	91
2-107	96.60	60.90	NR	4.0	2.0	GY	10-40-40-10	NA		35	16	83
2-108	96.90	61.20	NR	3.0	1.0	GY	10-40-40-10	NA		37	19	75
2-109	97.00	62.00	NR	3.0	2.0	NR	10-20-70-0	5		45	21	79
2-110												
2-111												
2-112												
2-113												
2-114												
2-115												
2-116												
2-117												
2-118												
2-119												
2-120												
2-121	95.24	61.90	6900	5.0	3.0	GY	30-40-30-0	NA		44	45	89
2-122	95.20	61.90	6900	5.0	3.0	GY	30-40-30-0	NA		40	38	87
2-123	95.16	61.94	6900	5.0	3.0	GY	30-30-40-0	NA		46	34	87
2-124	95.20	62.04	6700	6.0	3.0	GY	20-50-30-0	NA		43	24	92

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-125	95.28	62.02	6500	6.0	3.0	GY	NR	NA		45	25	125
2-126	95.23	62.40	5900	4.0	2.0	GY	0-50-50-0	NA		38	25	130
2-127	95.23	62.80	5100	4.0	1.0	GY	0-40-60-0	NA		37	23	130
2-128	94.13	58.98	7360	5.0	3.0	GY	20-40-40-0	NA		32	25	83
2-129	94.06	58.93	7360	5.0	3.0	GY	0-30-70-0	NA		39	31	83
2-130	94.10	59.04	7200	5.0	3.0	GY	0-40-60-0	NA		31	23	82
2-131	93.75	58.95	6840	5.0	2.0	GY	0-30-70-0	NA		29	18	83
2-132	93.54	59.00	6660	5.0	2.0	GY	20-30-50-0	NA		29	18	68
2-133	93.57	58.94	6660	4.0	2.0	GY	0-40-60-0	NA		29	14	81
2-134	93.35	59.05	6480	5.0	2.0	GY	10-30-60-0	NA		22	11	62
2-135	93.13	59.10	6200	NR	NR	GY	0-60-40-0	5,q		30	20	83
2-136	92.92	59.16	5900	4.0	2.0	GY	0-40-60-0	NA		28	17	80
2-137	02.85	54.10	6080	5.0	3.0	GY	0-50-50-0	NA		33	16	80
2-138	02.80	54.20	5740	NR	NR	GY	20-40-40-0	NA		29	14	79
2-139	02.70	54.26	5700	5.0	.20	GY	0-40-60-0	NA		43	22	92
2-140	02.65	54.58	5500	5.0	2.0	GY	10-45-45-0	NA		38	16	88
2-141	02.70	55.03	4800	5.0	3.0	GY	0-50-50-0	NA		30	15	87
2-142	03.13	55.28	4760	5.0	3.0	GY	0-30-50-10	NA		29	17	76
2-143	01.65	47.18	7600	5.0	3.0	GY	0-50-50-0	NA		33	25	76
2-144	01.40	47.25	7440	5.0	2.0	GY	0-60-40-0	NA		82	38	135
2-145	01.45	47.30	7400	5.0	3.0	GY	0-60-40-0	NA		35	31	82
2-146	01.54	47.46	7400	5.0	3.0	GY	10-50-40-0	NA		49	33	92
2-147	01.50	47.36	7380	5.0	2.0	GY	10-50-40-0	NA		48	66	92
2-148	01.46	47.60	7280	5.0	2.0	GY	0-40-60-0	NA		46	19	86
2-149	01.36	47.70	7280	.40	2.0	GY	0-30-70-0	NA		39	21	87

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-150	01.38	47.850	7280	5.0	2.0	GY	10-60-40-0	NA		45	23	86
2-151	01.16	48.412	6800	5.0	3.0	BN	C-50-40-10	NA		49	31	80
2-152	01.08	48.412	6800	4.0	2.0	GY	10-50-40-0	NA		40	20	86
2-153	01.04	48.770	6720	5.0	2.0	NR	C-20-80-20	NA		35	24	77
2-154	00.83	49.755	6000	5.0	2.0	GY	10-50-40-0	NA		43	21	87
2-155	04.70	46.256	5500	5.0	2.0	GY	50-30-20-0	NA		39	29	96
2-156	04160	46.344	5700	5.0	2.0	GY	70-20-10-0	NA		34	26	90
2-157	99.24	47.412	7400	5.0	2.0	GY	C-60-40-0	5		42	214	190
2-158	99.27	47.550	7400	5.0	2.0	GY	40-30-20-0	5		43	135	170
2-159	99.28	47.655	7200	5.0	2.0	GY	30-30-40-0	2	Upstream from Adit	50	238	155
2-160	99.27	47.778	7200	5.0	2.0	NR	30-30-40-0	2	Downstream from Adit	49	265	195
2-161	99.32	47.773	7200	5.0	2.0	GY	30-40-30-0	2		48	119	150
2-162	99.22	47.912	6860	5.0	2.0	GY	30-40-30-0	5		67	131	300
2-163	99.27	47.977	6860	4.0	2.0	GY	30-30-40-0	5		53	130	180
2-164	98.88	47.5	6640	5.0	2.0	BN	10-40-40-10	5		51	71	120
2-165	98.80	47.500	6480	5.0	3.0	NR	C-40-50-10	NA		36	86	220
2-165B	02.60	49.912	7300	5.0	3.0	GY	C-50-50-0	NA		43	16	105
2-166	02.54	48.500	7280	5.0	3.0	GY	C-50-50-0	NA		46	76	125
2-167	02.16	48.912	7060	5.0	3.0	GY	10-40-50-0	NA		50	20	165
2-168	02.23	49.038	6680	5.0	3.0	GY	10-50-40-0	NA		40	9	115
2-169	02.20	49.500	6680	5.0	3.0	GY	0-50-50-0	NA		44	14	125
2-170	02.24	49.344	6680	4.0	3.0	GY	0-50-50-0	NA		34	9	100
2-171	01.88	49.313	6480	4.0	3.0	GY	0-50-50-0	NA		37	10	115
2-172	01.75	50.110	6260	4.0	3.0	GY	0-50-50-0	NA		36	10	110
2-173	01.70	50.222	6060	4.0	3.0	GY	0-50-50-0	NA		44	12	115

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-174	01.63	50.32	5280	3.0	2.0	NR	0-50-50-0	NA		34	11	105
2-175	03.54	49.46	7660	6.0	3.0	NR	0-40-40-20	4		81	25	105
2-176	03.43	49.04	7600	5.0	3.0	GY	0-50-50-0	NA		50	25	100
2-177	03.46	49.80	7260	NR	NR	NR	10-40-40-10	NA		66	23	115
2-178	03.76	50.06	7200	5.0	3.0	GY	0-60-40-0	NA		61	21	100
2-179	03.74	50.50	NR	5.0	3.0	GY	20-40-40-0	NA		51	18	115
2-180	03.52	51.10	6400	4.0	2.0	GY	20-40-30-10	NA		63	17	110
2-181	89.25	62.98	7200	6.0	3.0	GY	10-40-50-0	NA		39	19	92
2-182	89.19	62.94	6200	6.0	3.0	NR	20-40-40-0	NA		43	19	89
2-183	89.20	62.76	7200	6.0	3.0	NR	20-40-40-0	NA		44	31	89
2-184	89.26	62.70	7150	6.0	3.0	NR	30-30-40-0	NA		56	39	89
2-185	89.46	62.57	7100	6.0	3.0	NR	30-30-40-0	NA		41	30	74
2-186	89.50	62.52	7000	6.0	3.0	NR	30-30-40-0	NA		23	37	69
2-187	89.54	62.46	NR	6.0	3.0	NR	30-30-40-0	NA		47	42	82
2-188	89.54	62.40	NR	6.0	3.0	NR	30-30-40-9	NA		55	45	76
2-189	89.52	62.32	NR	6.0	3.0	NR	30-40-30-0	NA		68	41	91
2-190	89.56	62.27	7000	6.0	3.0	NR	40-30-30-0	NA		56	43	83
2-191	87.10	62.62	7760	5.0	3.0	GY	10-50-40-0	2,q		56	46	98
2-192	87.20	62.66	7750	5.0	3.0	GY	10-40-50-0	5		M.S.	M.S.	M.S.
2-193	87.46	62.75	7500	5.0	3.0	GY	10-40-50-0	2		52	43	83
2-194	87.60	62.79	7500	5.0	3.0	GY	20-40-40-0	NA		57	37	92
2-195	87.72	62.82	7500	5.0	3.0	GY	20-40-40-0	2		37	31	75
2-196	93.52	60.30	6900	6.0	3.0	GY	20-40-40-0	NA	Seep	25	9	80
2-197	93.20	60.15	6400	5.0	2.0	GY	20-40-40-0	NA		15	9	80
2-198	93.00	60.10	6250	6.0	3.0	GY	20-40-40-0	NA		28	15	80

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
2-199	29.75	60.15	5900	5.0	2.0	GY	20-40-40-0	NA		19	10	90
2-200	03.45	52.95	5600	6.0	3.0	BN	0-30-60-10	NA		47	268	235
2-201	03.70	52.90	5500	6.0	3.0	NR	0-30-40-30	NA		26	30	55
2-202	03.70	52.80	5400	6.0	3.0	GY	10-40-40-10	NA		30	147	217
2-203	03.50	52.75	5300	6.0	3.0	GY	10-40-40-10	NA		21	42	101
2-204	03.80	52.75	5200	6.0	3.0	GY	20-30-40-10	NA		32	144	145
2-205	03.70	52.65	5100	6.0	3.0	GY	20-20-50-10	NA		34	185	176
2-206	00.90	51.00	6200	5.0	2.0	BN	10-40-40-10	2		27	32	96
2-207	00.55	50.75	6200	5.0	2.0	NR	10-30-40-20	2		32	61	56
2-208	00.60	50.85	6200	5.0	2.0	BN	0-40-50-10	2		36	106	116
2-209	00.50	50.70	6150	5.0	3.0	GN-BN	10-30-40-20	NA		37	69	84
2-210	93.15	51.30	5520	5.0	3.0	BN	0-40-40-20	NA		41	187	191
2-211	92.62	51.20	5580	4.0	2.0	BN	0-40-50-10	NA		43	80	116
2-212	92.20	50.65	5650	4.0	2.0	BN	20-30-40-10	NA		29	23	72
2-213	91.90	50.45	5660	NR	NR	NR	10-50-40-0	NA		31	104	99
2-214	92.18	50.35	5720	5.0	2.0	BN	0-30-60-10	NA		34	155	178
2-215	91.50	50.50	5750	5.0	2.0	BN	0-20-80-0	NA		29	53	78
2-216	91.75	50.20	5700	4.0	2.0	BN	0-30-60-10	NA		35	61	96
2-217	92.55	50.75	5600	4.0	2.0	BN	0-10-80-10	NA		31	33	55
2-218	108.45	50.90	4020	5.0	3.0	BN	20-40-30-10	NA		15	28	41
2-219	108.05	50.75	4080	5.0	3.0	BN	20-40-30-10	NA		33	71	112
2-220	107.90	50.75	4080	5.0	3.0	BN	10-40-30-20	NA		34	96	103
2-221	107.50	50.65	4080	5.0	3.0	BL	20-30-40-10	NA		30	55	85
2-222	107.25	50.45	4080	5.0	3.0	BN	30-40-20-10	NA		44	52	95
2-223	107.20	50.35	4080	5.0	3.0	BN	20-30-50-0	NA		34	34	82
2-224	107.20	49.80	4080	5.0	3.0	BN	20-30-40-10	NA		39	41	67

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-1	05.56	49.32	5940	2.0	3.0	BN	10-30-40-20	5a		30	12	70
3-2	05.64	49.27	5808	NR	NR	BN	15-20-40-25	5b		36	20	90
3-3	05.74	49.20	5676	NR	2.0	BN	5-15-40-40	NA		55	26	68
3-4	05.80	49.15	5544	NR	2.0	NR	20-40-30-10	2,5		46	25	92
3-5	05.83	49.12	5412	NR	2.0	BN-GY	15-40-40-5	2,5		48	26	104
3-6	05.93	49.06	5280	NR	2.0	BN	15-40-40-5	2		50	25	100
3-7	05.98	49.00	5148	NR	3.0	NR	10-45-40-5	5b,2		46	22	84
3-8	06.08	48.94	5016	NR	2.0	BN-GY	15-40-35-10	q,2,5b		49	25	88
3-9	06.20	48.90	4884	NR	3.0	BN	15-35-35-15	5a		40	22	80
3-10	06.30	48.80	4400	NR	2.0	BN	5-35-40-20	q,5,2		52	23	96
3-11	06.50	48.70	4250	NR	2.0	BN-GY	10-40-35-15	q,2,5		40	20	86
3-12	05.40	47.98	5396	NR	1.0	PL-GY	30-20-20-30	2,5		20	6	56
3-13	05.56	48.00	5280	NR	2.0	PL-BN	60-30-10-0	q,2,5c		40	20	90
3-14	05.70	47.90	4750	NR	2.0	BN	30-60-10-0	5c		40	19	96
3-15	05.80	47.80	4550	NR	2.0	BN-GY	50-50-0-0	1,5,2,q		31	32	92
3-16	05.94	47.70	4400	NR	2.0	MD-GY	10-40-50-0	5,2,1,q		40	19	90
3-17	06.06	47.60	4100	NR	2.0	MD-BN-GY	10-50-40-0	5,2,1		40	23	86
3-18	91.80	63.84	6039	NR	2.0	BN	50-30-10-10	5,2,q		15	10	59
3-19	91.92	63.82	5874	NR	3.0	GY	40-30-20-10	5,2		62	13	55
3-20	92.00	63.74	5709	NR	3.0	MD-BN-GY	40-30-5-25	5,2,q		57	30	61
3-21	92.08	63.72	5577	NR	3.0	BN	30-40-10-20	5,2,q		57	10	61
3-22	92.10	63.68	5445	NR	3.0	DK-BN	50-30-10-10	5,2,q		59	14	57
3-23	92.15	63.62	5313	NR	3.0	MD-BN-GY	40-30-20-10	5,q,2		47	10	64
3-24	92.20	63.54	5181	NR	2.0	BN-GY	30-40-20-10	5,b,2,q		39	8	58
3-25	92.22	63.50	5082	NR	3.0	BN-GY	40-50-0-10	5,2,q		31	6	69

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-26	92.26	63.44	4950	NR	3.0	DK-BN	30-60-10-0	5,2,q		40	9	65
3-27	92.30	63.38	4752	NR	2.0	MD-BN-GY	20-60-20-0	5,2,q		41	13	75
3-28	90.25	61.30	5750	6.0	2.0	GY	10-50-30-10	2,5		36	16	98
3-29	89.90	61.40	6300	5.0	2.0	BN-GY	10-40-40-10	2,1		34	30	116
3-30	89.20	60.85	6600	3.0	3.0	GN-GY	5-40-50-5	q,2,1		36	17	98
3-31	89.30	60.90	6490	3.0	2.0	GN-GY	0-60-40-0	q,2		32	14	92
3-32	89.50	61.00	6400	3.0	3.0	GN-GY	30-40-30-0	2,q		42	15	94
3-33	89.60	61.14	6380	3.0	3.0	GN-GY	10-40-40-10	q,2,1		34	16	90
3-34	89.70	61.10	6300	6.0	1.0	GN-GY	0-0-80-20	2		15	8	64
3-35	89.80	61.25	6250	3.0	3.0	GN-BN-GY	15-50-35-0	2,q,1		32	13	90
3-36	89.90	61.30	6100	6.0	2.0	GN-GN	0-50-50-0	NA		31	11	88
3-37	90.10	61.40	6000	3.0	NR	BN-GY	5-40-55-0	2,1,q		31	14	88
3-38	90.25	61.30	5920	3.0	2.0	MD-BN-GY	0-50-50-0	5,2,q		28	9	84
3-39	90.50	61.20	5420	3.0	3.0	GN-BN-GY	0-20-80-0	5,2,1,q		NR	NR	NR
3-40	90.70	61.20	5250	3.0	2.0	GN-GY	0-60-40-0	2,5,1		25	10	66
3-41	90.80	61.20	5150	3.0	3.0	GN-GY	NR	5,2,1	Downstream from Culvert	21	10	48
3-42	90.96	61.10	5090	3.0	3.0	BN-GY	0-50-50-0	2,5,1		20	14	58
3-43	87.55	55.82	6360	5.0	2.0	MD-BN-GY	0-40-60-0	2,q,5		NR	NR	NR
3-44	87.70	55.95	6315	3.0	2.0	BN-GY	5-50-40-5	2,5		43	27	89
3-45	87.45	56.00	6340	4.0	2.0	BN-GY	0-60-40-0	5,2		35	29	115
3-46	87.40	55.98	6340	NR	NR	BN-GY	0-70-30-0	5,2		28	28	110
3-47	87.80	56.10	6220	2.0	3.0	BN-GY	0-20-80-0	2,5		26	16	100
3-48	87.90	56.10	6140	3.0	2.0	BN-GY	10-40-40-10	5,2		41	24	100
3-49	88.10	56.12	6005	3.0	2.0	BN-GY	0-40-50-10	2,5		30	22	110
3-50	88.15	56.10	5980	4.0	2.0	BN-GY	0-60-40-0	2,5		35	34	120

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-51	88.30	56.25	5905	3.0	3.0	DK-BN	0-60-40-0	5,2		NR	NR	NR
3-52	88.34	56.40	5800	3.0	3.0	DK-BN-GY	0-40-60-0	2,1		28	25	105
3-53	88.44	56.50	5680	4.0	2.0	BN-GY	0-50-50-0	2,5		27	24	100
3-54	88.54	56.60	5590	3.0	3.0	GY	0-50-50-0	NA	Culvert Upstream	39	30	88
3-55	88.56	56.65	5540	3.0	3.0	BN-GY	0-80-20-0	2,5		36	17	77
3-56	88.60	56.70	5435	3.0	3.0	BN-GY	0-40-60-0	2,5		36	17	85
3-57	88.62	56.75	5320	3.0	3.0	BN-GY	0-40-60-0	2,5		35	14	73
3-58	88.80	56.80	5280	3.0	3.0	BN-GY	0-100-0-0	2,5		34	15	77
3-59	01.06	50.50	NR	NR	NR	MD-BN-GY	0-50-50-0	2,5		60	39	125
3-60	01.90	51.00	NR	4.0	1.0	MD-BN-GY	0-50-50-0	5,2		35	15	135
3-61	02.20	51.34	NR	3.0	2.0	BN-GY	0-60-40-0	5,2		50	50	125
3-62	02.40	51.44	NR	4.0	2.0	BN-GY	10-60-20-10	5		42	19	90
3-63	02.90	51.94	NR	4.0	2.0	BN-GY	0-50-50-0	5,2		37	24	110
3-64	03.05	52.00	NR	5.0	2.0	MD-BN-GY	0-35-40-25	5		41	22	92
3-65	03.20	52.10	NR	5.0	2.0	BN-GY	0-30-50-20	2,5		44	25	105
3-66	03.30	52.16	NR	5.0	2.0	BN-GY	20-60-20-0	5		44	22	115
3-67	03.36	52.24	NR	5.0	2.0	BN-GY	20-40-30-10	5,2		50	28	88
3-68	03.40	52.35	NR	6.0	2.0	GN-WT	0-60-30-10	NA		53	11	90
3-69	03.44	52.40	NR	5.0	1.0	MD-BN-GY	NR	5,2		35	13	87
3-70	03.75	52.60	NR	4.0	3.0	BN-GY	20-60-20-0	5,2		46	53	115
3-71	04.10	52.75	NR	5.0	3.0	BN-GY	10-40-40-10	2,5		38	20	105
3-72	97.50	58.20	7905	5.0	2.0	BN-GY	10-40-40-10	5,2		39	23	120
3-73	98.30	58.00	7700	4.0	2.0	BN-GY	10-40-40-10	2		39	16	100
3-74	98.30	58.24	7405	4.0	2.0	BN-GY	0-50-50-0	2		52	27	125
3-75	98.30	58.45	7205	4.0	2.0	BN-GY	10-40-40-10	2,5		57	31	125

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-76	98.30	58.70	7045	4.0	2.0	BN-GY	0-40-60-0	2		61	27	135
3-77	98.35	58.90	6900	4.0	3.0	BN-GY	0-50-50-0	NA		59	32	135
3-78	98.27	58.95	6900	4.0	2.0	BN-GY	10-40-50-0	2,5		45	26	135
3-79	98.24	59.34	6800	4.0	3.0	BN-GY	10-40-40-10	2,5		58	30	130
3-80	99.20	59.35	6600	5.0	2.0	BN-GY	10-40-50-0	5,2		60	35	87
3-81	99.05	58.50	6850	5.0	2.0	BN-GY	5-25-70-0	2,5,q		165	49	91
3-82	99.12	58.79	6530	5.0	2.0	MD-BN-GY	0-0-100-0	2		100	49	88
3-83	99.30	58.60	6530	5.0	2.0	BN-GY	0-30-60-10	5,2		268	67	77
3-84	99.40	58.48	6860	5.0	2.0	BN-GY	5-45-45-5	2,1,q		180	45	69
3-85	99.81	58.86	6350	4.0	2.0	DK-BN-GY	20-35-35-10	5,2,q		39	24	70
3-86	99.70	58.92	6330	5.0	3.0	BN-GY	20-20-20-40	5,2,q		63	28	78
3-87	99.68	59.05	6100	5.0	2.0	BN-GY	15-30-50-5	2,5,q,1		55	30	77
3-88	99.68	59.12	5950	4.0	2.0	BN-GY	15-30-60-5	2,5,q		52	31	74
3-89	99.60	59.10	5945	4.0	3.0	NR	0-30-70-0	2,5,q		77	42	73
3-90	99.90	59.45	5910	4.0	2.0	BN-GY	5-40-25-30	2,5,q		72	38	75
3-91	00.10	59.10	5840	5.0	3.0	BN-GY	20-40-30-10	2,5,q		69	33	77
3-92	00.10	60.20	5780	5.0	2.0	NR	20-40-30-10	1,2,5		64	34	78
3-93	00.16	60.50	5550	4.5	3.0	BN-GY	20-30-30-20	2,5,1		67	39	74
3-94	00.10	60.80	5500	4.0	3.0	MD-BN-GY	20-40-30-10	2,5,1,q		65	32	76
3-95	00.20	61.10	5430	4.0	3.0	MD-GN-BN-GY	20-30-30-20	5,2,1		74	37	81
3-96	00.20	61.30	5220	4.0	2.0	BN-GY	0-40-40-20	2,5,q,1		78	36	83
3-97	00.15	61.55	4960	4.0	3.0	BN-GY	0-40-40-20	2,5,1,q		81	37	84
3-98	00.09	61.74	4820	5.0	2.0	MD-BN-GY	0-40-40-20	2,1		67	31	75
3-99	00.18	62.10	4590	4.0	3.0	NR	0-40-40-20	2,5,1		64	30	73
3-100	00.18	62.30	4460	4.0	3.0	BN-GY	10-40-40-0	2,1,q		50	23	61

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	P8 PPM	ZN PPM
3-101	00.12	62.45	4340	5.0	3.0	BN-GY	15-40-40-5	2,1		48	24	68
3-102	94.30	49.30	6500	5.0	3.0	BN-YL	0-10-90-0	2,1		52	34	92
3-103	94.44	49.47	6340	5.0	3.0	BN-GY	0-10-90-0	q,2,5,1,4		58	34	94
3-104	94.50	49.64	6200	5.0	3.0	BN-YL	0-10-90-0	2,5,q,1		48	27	85
3-105	94.60	49.90	6180	5.0	3.0	BN-GY	30-50-20-0	5		55	35	87
3-106	94.70	50.13	6090	4.5	3.0	BN-YL-GY	30-40-30-0	q,2,5,1		64	42	93
3-107	94.80	50.16	6070	4.5	2.0	BN-GY	0-40-60-0	NA		49	37	89
3-108	94.00	50.45	6-30	5.0	3.0	BN-GY	10-60-30-0	4,5,2,q		60	28	82
3-109	94.86	50.71	6000	5.0	3.0	RD-BN-GY	20-30-50-0	4,5,2,q,1		50	36	89
3-110	95.00	50.77	NR	4.0	3.0	BN-GY	0-50-50-0	2,1,5		47	20	91
3-111	94.86	50.95	5900	5.0	3.0	BN-GY	20-40-40-0	5		50	31	89
3-112	94.78	51.15	5380	4.0	3.0	BN-GY	30-50-20-0	5		40	23	89
3-113	98.50	50.84	7850	6.0	2.0	MD-BN	40-20-40-0	2,1,5		46	36	91
3-114	98.48	51.10	7690	5.0	2.5	BN-YL-GY	15-40-45-0	2,q,5,1		50	16	125
3-115	98.34	51.00	7590	6.0	2.0	BN-GY	5-40-40-15	2		33	29	83
3-116	98.30	50.77	7660	6.0	2.0	NR	10-50-40-0	2,5,1,q		38	34	82
3-117	98.07	50.82	7610	NR	NR	NR	10-70-10-10	2,5,4		38	33	73
3-118	98.28	51.10	7280	5.0	3.0	BN-GY	0-80-20-0	2,1,5,q		54	19	89
3-119	98.40	51.50	7180	5.0	3.0	BN-GY	0-70-30-0	2,5,1,q		52	23	86
3-120	98.47	51.57	7100	6.0	3.0	BN-GY	40-50-10-0	2,5,q		76	53	145
3-121	98.26	51.87	6950	6.0	1.0	BN-GY	10-70-10-10	5,2,1,q		71	42	135
3-122	98.32	51.80	6900	4.5	3.0	BN-GY	10-80-10-0	NA		49	21	90
3-123	98.23	52.00	6640	5.0	3.0	BN-GY	10-70-10-10	2,1,5		43	17	87
3-124	98.20	52.00	6560	4.5	3.0	BN-GY	20-70-10-0	2,5		48	17	90
3-125	98.14	52.34	6390	4.0	3.0	BN-GY	0-80-10-10	1,2,q,5		47	13	88

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-126	98.04	52.34	6340	4.0	3.0	BN-GY	20-60-20-0	2,5,1		45	22	88
3-127	98.10	52.57	6080	4.5	3.0	BN-GY	0-40-40-20	2,5,1		42	17	87
3-128	98.07	52.84	5960	4.0	3.0	BN-GY	0-60-40-0	2,1,5		47	21	90
3-129	98.06	53.13	5830	4.0	3.0	BN-GY	20-40-30-10	2,5,1		42	23	91
3-130	97.96	53.31	5295	4.0	3.0	BN-GY	5-45-50-0	2,5,1		43	21	89
3-131	01.28	52.80	7140	6.0	2.0	BN-GY	5-40-40-15	2,1,9		61	32	91
3-132	01.27	53.06	6960	5.0	2.0	BN-GY	20-40-35-5	2,5,1		49	31	83
3-133	01.35	53.14	6870	6.0	2.0	BN-GY	20-40-35-5	2,1		34	29	73
3-134	01.20	53.50	6800	6.0	2.5	BN-GY	30-40-20-10	5		44	29	73
3-135	01.14	53.75	6580	4.5	3.0	BN-GY	10-40-40-10	2,5		37	20	78
3-136	01.14	53.80	6580	6.0	2.0	BN-GY	0-20-70-10	2,1		49	33	125
3-137	01.20	54.05	6460	4.5	3.0	BN-GY	30-40-20-10	2,1		35	21	77
3-138	01.20	54.20	6320	4.5	2.0	BN-GY	30-40-20-10	2,5		41	25	76
3-139	01.20	54.32	6160	4.0	3.0	BN-GY	20-50-30-0	2,1		35	19	77
3-140	01.18	54.45	5920	4.0	3.0	BN-GY	20-50-30-0	2,5		35	17	78
3-141	01.14	54.60	5820	4.0	3.0	BN-GY	25-45-30-0	2,5		40	20	76
3-142	01.12	54.73	5560	NR	NR	BN-GY	10-50-30-10	2		36	20	73
3-143	01.10	54.85	5200	4.5	3.0	BN-GY	10-40-40-10	2,1		26	13	74
3-144	01.06	55.00	4990	NR	NR	BN-GY	20-40-40-0	2,1		34	16	77
3-145	97.36	50.75	7735	6.0	2.0	BN-GY	0-80-20-0	2,5,1		49	17	85
3-146	97.45	50.94	7600	5.0	3.0	BN-GY	0-80-20-0	2,5,1		52	26	88
3-147	97.55	51.22	7445	6.0	2.0	BN-GY	0-80-20-0	2,5,1		53	27	84
3-148	97.65	51.45	7200	5.0	2.0	BN-GY	10-50-40-0	2,5,1		49	26	89
3-149	97.74	51.64	7000	5.0	3.0	BN-GY	0-50-50-0	2,1		47	27	88
3-150	97.80	51.80	6700	5.0	3.0	BN-GY	10-70-20-0	2,5		49	25	89

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-151	97.90	52.00	6500	4.0	3.0	BN-GY	15-50-30-5	2,5		50	27	88
3-152	97.95	52.16	6200	5.0	3.0	BN-GY	20-60-20-0	2,5,1		46	25	90
3-153	97.84	55.60	6380	5.5	3.0	BN-GY	10-40-40-10	5		37	17	85
3-154	97.80	55.52	6380	5.5	3.0	BN-GY	10-40-40-10	5		46	33	84
3-155	03.24	56.16	5560	NR	NR	BN-GY	30-50-20-10	2g,3,5		26	17	48
3-156	03.05	56.13	5520	NR	NR	BN-GY	NR	5c,2a		22	10	50
3-157	02.90	56.10	5520	NR	NR	DK-BN-GY	30-40-20-10	2a		43	19	55
3-158	02.84	56.12	5420	NR	NR	BN-GY	35-30-20-15	NA		24	9	45
3-159	02.32	55.94	5320	NR	NR	GN-BN-GY	20-35-20-25	2,5a		23	11	51
3-160	02.26	55.82	5270	NR	NR	BN-GY	40-30-20-10	NA		37	14	37
3-161	-2.22	55.83	5250	NR	NR	BN-GY	20-40-30-10	5c,2		25	9	36
3-162	02.20	55.80	5200	NR	NR	BN-GY	50-30-15-5	5c,1c		43	14	56
3-163	01.97	55.73	5100	NR	NR	BN-GY	30-40-20-10	1		28	12	90
3-164	01.50	55.60	5020	NR	NR	BN-GY	30-50-10-10	NA		30	12	100
3-165	00.88	55.36	5000	NR	NR	GN-BN-GY	20-50-30-0	2a,5		37	13	90
3-166	00.81	55.32	5000	NR	NR	BN-GY	15-20-60-5	2a,5		44	20	100
3-167	00.43	55.13	5000	NR	NR	GN-BN-GY	5-25-50-20	NA		37	21	100
3-168	98.62	54.44	5100	NR	NR	BN-GY	40-40-15-5	5c,2a		42	15	90
3-169	97.90	54.15	5080	NR	NR	GN-BN-GY	35-50-10-5	5c,1,2		32	9	90
3-170	97.88	54.12	5105	NR	NR	GN-GY	35-50-10-5	5c		37	19	110
3-171	97.48	53.87	5150	NR	NR	BN-GY	50-30-15-5	2a,5,q		24	13	81
3-172	96.66	53.37	5140	NR	NR	GN-BN-GY	5-40-40-15	2a		26	9	61
3-173	96.43	53.24	5110	NR	NR	BN-GY	30-30-25-15	2,5c		36	14	100
3-174	96.22	53.12	5120	NR	NR	GN-BN-GY	20-60-15-5	2,5c		34	11	100
3-175	94.96	52.32	5200	NR	NR	BN-GY	45-50-5-0	2,5b		39	26	100

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
3-176	94.82	52.13	5180	NR	NR	BN-GY	10-30-50-10	1,5c		42	23	100
3-177	94.48	51.84	5300	NR	NR	BN-GY	20-20-45-15	5c,2		37	20	90
3-178	94.13	51.56	5360	NR	NR	BN-GY	30-40-25-5	5c		37	16	110
3-179	93.76	51.23	5470	NR	NR	BN-GY	20-50-30-0	5c		65	22	100
3-180	93.96	51.35	5450	6.0	3.0	BN-GY	5-50-40-5	5b		17	6	53
3-181	94.02	51.35	5445	5.0	3.0	BN-GY	30-40-25-5	5c		23	14	80
3-182	94.08	51.38	5420	6.0	3.0	BN-GY	0-50-30-20	NA		21	19	100
3-183	94.52	51.74	5380	6.0	3.0	BN-GY	5-40-50-5	5c		52	19	90
3-184	94.72	51.90	5365	6.0	3.0	BN-GY	0-40-50-10	5ap		36	20	80
3-185	94.93	52.07	5370	5.0	2.0	BN-GY	20-40-15-25	5,2		32	19	100
3-186	95.04	52.10	5465	5.0	2.0	BN-GY	20-50-25-5	5c		27	17	110
3-187	95.10	52.20	5320	6.0	2.0	BN-GY	40-40-10-10	5c		26	13	90
3-188	95.50	52.40	5275	5.0	2.0	RD-BN-GY	10-60-20-10	NA	Red Color in Stream	18	7	80
3-189	98.70	46.58	7340	3.0	2.0	BN-GY	30-50-20-0	5c,2		39	19	68
3-190	98.60	46.75	7320	NR	NR	GN-GY	20-60-20-0	NA		35	18	64
3-191	98.74	46.70	7300	NR	NR	YL-BN-BL	5-20-70-5	NR		33	34	63
3-192	99.08	46.92	7580	6.0	1.0	BN-GY	40-30-30-0	4		37	151	205
3-193	99.13	46.88	7580	6.0	1.0	NR	40-20-30-10	4,5b		36	15	88
3-193B	89.45	63.80	7830	6.0	1.5	GY	10-40-50-0	5,4		38	153	114
3-194	89.45	63.90	7720	6.0	0.5	GY	10-40-50-0	5,4		46	163	82
3-195	89.50	64.25	7400	6.0	0.5	GY-BL	5-45-50-0	5,4		40	26	73
3-196	89.55	64.30	7000	6.0	1.0	BN-GY	10-40-50-0	NR		43	57	73
3-197	89.75	64.25	7000	6.0	0.0	BN-GY	10-40-50-0	5,4		34	21	66
3-198	90.05	64.20	7250	6.0	1.0	BN-GY	10-40-50-0	5,4		34	26	65
3-199	90.00	64.35	7010	6.0	0.5	BN	10-40-50-0	5,4		37	21	54

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-1	06.80	46.30	4500	NR	2.0	BN	20-80-0-0	1,2		23	13	60
4-2	06.70	46.50	4480	NR	2.0	BN	30-50-20-0	1,2		20	7	42
4-3	06.65	46.43	4420	NR	2.0	BN	20-40-40-0	1,2		42	18	114
4-4	06.40	46.60	4340	NR	1.0	BN	10-70-10-10	1,2		23	9	66
4-5	06.50	46.80	4224	NR	1.0	GY	10-70-20-0	1,2		45	18	112
4-6	09.10	52.10	4660	NR	1.0	BN	10-30-40-20	1,2,5		59	26	76
4-7	08.90	52.02	4560	NR	2.0	BN	20-50-25-5	1,5		49	22	88
4-8	08.94	51.96	4510	NR	1.5	BN	40-30-30-0	5,1,9		43	11	70
4-9	09.00	51.90	4460	NR	1.5	BN	10-80-10-0	NA		115	28	62
4-10	09.04	51.80	4320	NR	1.0	BN	15-75-5-5	1,2		87	29	72
4-11	09.20	51.70	4260	NR	1.5	BN	20-70-10-0	1,2		35	21	78
4-12	09.20	51.55	4150	NR	1.0	BN	50-40-10-0	56,5		37	19	74
4-13	09.30	51.40	4095	NR	0.5	BN	40-50-10-0	NA		115	23	64
4-14	09.34	51.30	4020	NR	1.0	BN	15-70-15-0	1		44	20	74
4-15	09.50	51.20	5750	NR	3.0	BN	35-50-15-0	5,1,2		38	24	90
4-16	05.54	49.55	5560	NR	3.0	BN	50-35-5-10	1,2		45	28	106
4-17	05.56	49.58	5560	NR	3.0	BN	50-40-10-0	2,1		38	25	96
4-18	05.60	49.60	5460	NR	3.0	GN	60-30-8-2	1,2		34	13	92
4-19	05.70	49.56	5360	NR	3.0	BN	10-10-60-20	1,2		50	29	92
4-20	05.84	49.40	5210	NR	3.0	BN	30-50-10-10	1,2		38	24	86
4-21	05.94	49.30	5105	NR	3.0	BN	40-45-10-5	1,2		44	25	92
4-22	06.20	49.10	4865	NR	3.0	BN	50-40-10-0	1,2		35	14	94
4-23	06.40	49.20	4780	NR	3.0	GN	40-50-10-0	2,1,9		36	20	92
4-24	06.45	49.10	4560	NR	3.0	BN	20-70-10-0	1,2		35	20	86
4-25	06.50	49.10	4445	NR	2.5	BN	20-60-20-0	1		38	18	92

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-26	06.70	49.05	4280	NR	2.5	GN	20-70-10-0	1,2		37	19	90
4-27A	06.62	49.07	4220	NR	0.5	NR	5-80-15-0	1,2,g		28	15	78
4-27B	06.62	49.07	4220	NR	0.5	NR	5-80-15-0	1,2,g		28	15	78
4-28	06.80	49.04	4160	NR	0.5	BN	5-80-15-0	NA		38	21	92
4-29	04.98	48.30	6000	NR	2.5	BN	10-40-40-10	1,2,5		45	21	94
4-30	05.05	48.30	5850	NR	3.0	BN	70-20-0-10	5,g		35	11	90
4-31	05.10	48.18	5800	NR	2.5	BN	5-60-35-0	1,2,3,5		40	19	88
4-32	05.20	48.20	5600	NR	3.0	BN	20-50-30-0	5,1,2		38	16	90
4-33	05.30	48.14	5380	NR	2.5	GY	10-30-60-0	1,2		43	21	90
4-34	05.36	48.10	5280	NR	3.0	GY	50-50-0-0	1,2		46	24	98
4-35	05.45	48.08	5100	NR	3.0	BN	60-40-0-0	1,2		38	18	94
4-36	05.60	48.00	4790	NR	2.5	GY	30-50-20-0	1,2,5		39	18	84
4-37	05.80	47.90	4540	NR	2.0	BN	20-60-20-0	2,1		41	20	90
4-38	05.90	47.90	4430	NR	1.5	GY	5-60-20-15	2,1		40	19	94
4-39	06.10	47.80	4310	NR	1.0	BN	30-40-30-0	NA		43	19	90
4-40	06.10	47.80	4310	NR	1.0	BN	30-40-30-0	NA		38	19	94
4-41	91.50	63.50	5925	NR	1.0	BN	50-30-20-0	1		52	17	94
4-42	91.60	63.30	5625	NR	3.0	BN	20-40-40-0	5,1		44	20	92
4-43	91.64	63.26	5510	NR	3.0	BN	40-40-20-0	1,5		44	26	96
4-44	91.70	63.10	5300	NR	3.0	BN	50-40-10-0	NA		43	19	90
4-45	91.80	63.04	5100	NR	2.5	BN	30-60-10-0	2,1,2		40	16	90
4-46	91.86	62.98	4910	NR	2.5	BN	30-40-20-10	q,1		40	20	90
4-47	91.98	62.90	4750	NR	1.0	BN	60-40-0-0	q,1		36	18	90
4-48	91.00	62.80	6060	NR	3.0	GY	40-40-10-10	5,1		41	20	94
4-49	91.00	62.82	5900	NR	3.0	GY	10-80-0-10	1,5,q		37	22	92

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-50	91.00	62.76	5810	NR	2.0	BN	10-40-40-10	5,1		38	20	80
4-51	91.02	62.70	5750	NR	3.0	BN	10-50-40-0	1,q		38	17	82
4-52	91.02	62.70	5750	NR	3.0	BN	40-40-10-10	NA	Seep Sample	30	17	82
4-53	91.04	62.66	5700	NR	2.5	BN	20-40-40-0	5,1		33	21	74
4-54	91.06	62.62	5615	NR	3.0	GY	10-40-40-10	1,5		32	18	78
4-55	91.12	62.54	5500	NR	3.0	BN	20-30-50-0	5		34	27	86
4-56	91.20	62.50	5400	NR	3.0	DK-BN	10-10-80-0	NA		28	25	82
4-57	91.20	62.50	5400	NR	3.0	BN	10-50-40-0	NA		35	23	82
4-58	91.25	62.45	5300	NR	2.5	BN	10-50-40-0	2,4		42	27	90
4-59	91.42	62.30	5000	NR	2.0	BN	0-20-80-0	4		34	25	92
4-60	91.50	62.26	4900	NR	2.0	BN	20-40-40-0	4,1		32	17	88
4-61	91.50	62.26	4900	NR	2.0	BN	20-40-40-0	4,1		29	21	84
4-62	91.55	62.20	4800	NR	1.5	BN	0-30-70-0	NR		35	21	86
4-63	90.34	62.20	6020	NR	3.0	GY	10-75-10-5	2,q		36	21	102
4-64	90.40	61.94	5920	NR	3.0	GY	0-70-30-0	2,1,q		37	16	90
4-65	90.50	61.80	5720	NR	3.0	GY	10-60-30-0	1,2		35	13	98
4-66	90.54	61.74	5620	NR	3.0	BN	20-60-10-10	2,1,q		31	22	62
4-67	90.58	61.74	5610	NR	3.0	GY	10-80-10-0	1,2,q		38	20	98
4-68	90.58	61.70	5520	NR	3.0	GY	0-70-30-0	1,2,q,3		34	17	98
4-69	90.68	61.60	5425	NR	3.0	BN	0-80-20-0	1,2,3,q		27	13	64
4-70	90.68	61.60	5425	NR	3.0	BN	0-80-20-0	1,2,3,1		31	20	68
4-71	90.80	61.56	NR	NR	3.0	GY	0-90-10-0	1,2		35	14	90
4-72	90.94	61.50	5140	NR	2.0	NR	10-80-10-0	1,2,5		36	17	92
4-73	91.08	61.42	4940	NR	1.0	GY	0-80-20-0	NA		29	13	86
4-74	91.12	61.50	4920	NR	1.5	GY	0-80-20-0	NA		35	13	88

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-75	91.13	61.40	4975	NR	1.0	BN	0-80-20-0	NA		33	13	96
4-76	91.20	61.37	4880	NR	1.0	GY	10-80-10-0	NA		33	10	88
4-77	91.22	61.41	4880	NR	NR	NR	NR	NR		28	10	86
4-78	98.20	47.60	6100	NR	1.0	GY	0-80-10-10	1,2		64	42	102
4-79	98.90	48.30	6000	NR	3.0	GY	10-75-10-5	1,q		52	56	112
4-80	99.30	48.80	5900	NR	2.0	BN	0-70-20-10	1,5,2		42	26	96
4-81	99.70	49.20	5960	NR	1.0	GN	30-60-10-0	1,5,2		35	16	80
4-82	00.20	49.60	5800	NR	2.0	GY	40-30-20-10	2,1		51	31	96
4-83	00.45	49.90	5680	NR	1.0	GY	30-60-10-0	NA		54	28	96
4-84	89.60	60.30	6000	5.0	2.0	BN	50-10-20-20	NA		60	14	58
4-85	89.65	60.20	5850	4.5	2.5	BN	10-75-10-5	2,1		27	13	78
4-86	89.70		5600	4.5	2.0	BN	20-70-10-0	1		29	9	66
4-87	89.80		5375	4.5	3.0	BN	20-65-10-5	2		32	11	78
4-88	89.90		5240	5.5	1.5	BN	10-70-10-10	1		36	19	68
4-89	88.25		5790	5.0	3.0	BN	20-70-10-0	1,2		31	25	100
4-90	88.14		6000	5.0	NR	BN	20-60-10-10	NA		44	27	120
4-91	87.90		6220	2.0	3.0	GY	30-60-10-0	1,2,q		51	21	110
4-92	95.84	58.70	7720	4.5	0.5	GY	0-50-50-0	NA		60	22	115
4-93	96.03	58.65	7610	4.0	1.0	GY	10-50-40-0	2,5,q		62	26	123
4-94	96.08	58.72	7620	4.0	1.0	GY	20-50-25-5	4,5,2		48	26	115
4-95	96.25	58.80	7520	4.5	1.5	GY	40-30-30-0	5,2,4		38	20	115
4-96	96.34		7510	5.0	1.0	GY	30-50-5-15	5,4		37	11	115
4-97	96.40		7400	5.0	1.0	GY	30-20-30-20	NA		50	29	100
4-98	96.50		7320	5.0	1.0	GY	0-40-60-0	NA		23	23	115
4-99	96.56		7140	4.0	1.0	GY	0-50-50-0	2,1		42	13	100

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-100	89.42	55.82	5730	3.0	0.5	GY	0-90-10-0	q,2,1	Rocks Stained Red	59	33	87
4-101	89.43	55.90	5730	4.5	0.5	DK-RD	0-70-30-0	NA		50	21	82
4-102	89.26	56.25	5580	4.0	3.0	BN	10-40-40-10	q,5,2		40	26	80
4-103	89.10	56.50	5500	5.5	1.5	GY	5-55-40-0	NA		32	14	83
4-104	88.40	56.47	6400	1.0	1.0	GY	10-60-30-0	q,2		NR	NR	NR
4-105	88.90	57.40	5190	1.0	0.5	GY	0-50-50-0	NA		64	38	79
4-106	89.04	57.80	5180	4.5	0.5	GY	0-45-45-10	NA		35	20	77
4-107	89.02	58.00	5180	4.0	0.5	GN-GY	0-40-55-5	NA		23	12	87
4-108	89.10	58.10	5180	5.5	1.0	GY	5-45-40-10	NA		22	8	78
4-109	89.10	58.18	5175	3.5	1.0	GY	0-50-50-0	1,q		32	15	74
4-110	89.12	58.45	5200	4.5	1.0	BN	0-60-40-0	NA		36	14	78
4-111	89.10	58.60	5210	4.5	1.0	BN	0-50-50-0	NA		33	17	79
4-112	89.16	58.74	5180	3.5	1.0	GY	0-50-40-10	NA		35	22	82
4-113	89.18	58.85	5180	4.0	1.0	GY	0-50-45-5	NA		34	25	79
4-114	89.20	58.96	5175	4.5	0.5	GY	0-50-50-0	NA		36	26	78
4-115	89.30	59.16	5170	4.5	1.0	BN	0-70-30-0	NA		34	20	75
4-116	89.40	59.27	5165	5.0	1.0	BN	0-50-50-0	NA		43	21	74
4-117	97.95	58.20	7480	4.5	1.0	GY	0-50-50-0	5,2		34	20	83
4-118	98.00	58.18	7480	5.0	1.0	GY	0-40-60-0	5,2		45	21	88
4-119	98.40	58.30	7240	4.5	1.5	GY	0-50-50-0	2		44	20	90
4-120	98.42	58.60	6930	6.0	0.0	GY	0-20-80-0	2		43	21	88
4-121	98.46	58.60	6930	3.5	1.5	GY	0-50-50-0	2		45	17	91
4-122	98.42	58.66	6920	6.0	0.0	GY	0-20-80-0	NA		35	23	81
4-123	98.47	58.67	6920	5.5	1.0	GY	0-40-60-0	2		31	19	78
4-124	98.45	58.80	6900	4.0	2.0	MD-GY	0-50-50-0	2		NR	NR	NR

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-125	98.30	59.40	6840	2.0	0.0	GY	0-50-50-0	NA		39	17	86
4-126	98.10	60.04	6440	2.5	1.0	GY	0-50-50-0	2,1		36	17	89
4-127	98.00	60.28	6355	6.0	0.5	NR	0-30-30-40-0	NA		41	23	79
4-128	98.05	60.28	6355	2.5	2.0	GY	0-60-40-0	1,2		40	21	86
4-129	97.92	60.66	6280	5.5	1.0	GY	10-45-45-0	NA		50	23	74
4-130	97.95	60.70	6200	2.0	2.5	GY	0-40-60-0	1,2		39	18	87
4-131	98.04	61.08	5960	2.0	1.5	GY	20-30-50-0	1,2		39	22	87
4-132	98.15	61.25	5830	2.0	1.0	GY	0-50-50-0	NA		37	17	87
4-133	98.27	61.50	5640	2.0	2.0	GY	0-40-60-0	1		37	17	88
4-134	98.25	61.76	5455	2.0	1.5	GY	0-40-60-0	5		40	19	87
4-135	98.40	62.20	5050	2.0	2.5	GY	0-50-50-0	2		47	19	89
4-136	98.50	62.44	4760	4.0	2.5	GY	0-40-60-0	NA		36	16	84
4-137	98.58	62.66	4520	2.0	2.0	GY	0-35-45-0	2,1		31	13	80
4-138	93.40	58.00	6310	3.0	1.5	GY	0-50-40-10	2,1,q		36	13	71
4-139	93.48	57.92	6450	3.0	2.5	GY	10-60-30-0	2,1		43	15	80
4-140	93.68	57.74	6640	3.0	2.5	GY	20-60-10-10	2,q		38	13	72
4-141	93.70	57.72	6650	4.5	2.0	GY	20-60-10-10	2,q		31	14	76
4-142	NR	NR	6680	4.5	1.0	GN,GY	0-80-10-10	2,1		38	20	83
4-143	93.70	57.65	6740	3.0	2.0	GY	20-40-40-0	2,1		58	22	88
4-144	92.86	57.68	NR	3.0	2.0	GN,GY	0-80-20-0	1,2		NR	NR	NR
4-145	92.90	57.80	6160	6.0	0.0	NR	0-50-40-10	NA		43	21	80
4-146	92.92	57.84	6175	6.0	0.0	GY	0-70-20-10-0	NA		44	18	85
4-147	92.94	57.88	6160	6.0	0.0	BN	10-70-20-0	NA		26	21	88
4-148	92.96	58.04	6130	6.0	0.0	PL,BN	0-80-20-0	NA	Water Brown	27	14	88
4-149	92.90	58.28	6080	6.0	0.0	DK,BN	20-70-10-0	NA		43	13	94

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-150	92.94	58.26	6080	2.5	1.0	GY	0-80-20-0	1,2		40	16	88
4-151	92.86	58.60	6060	2.0	1.0	GY	0-80-20-0	1,2		40	19	84
4-152	92.78	58.87	6060	5.0	3.0	BN	0-40-30-30	NA		145	29	62
4-153	92.82	58.87	6060	2.0	2.0	GY	0-80-20-0	1,2,5		48	15	85
4-154	04.80	46.00	5190	5.0	3.0	GY	30-40-10-20	NA		41	11	240
4-155	04.84	45.98	5090	5.0	3.0	BN	30-40-20-10	NA		38	8	200
4-156	04.85	45.90	5040	6.0	3.0	BN	30-40-20-10	NA		45	23	81
4-157	04.90	45.92	5000	4.5	3.0	BN	60-20-20-0	1,2		52	15	175
4-158	94.94	45.90	4900	4.5	3.0	BN	20-20-20-0	1,2,q		53	18	125
4-159	05.00	45.83	4720	6.0	3.0	GY	0-50-20-30	NA		54	25	69
4-160	05.03	45.80	4675	5.0	3.0	BN	30-50-20-0	NA		41	29	67
4-161	98.40	55.07	5770	3.0	3.0	GY	40-30-30-0	2,5,q		70	15	93
4-162	98.45	55.08	5710	3.0	3.0	GY	10-70-20-0	2,q		60	15	85
4-163	98.40	54.87	5540	3.0	3.0	GY	10-60-30-0	2,5,q		44	13	83
4-164	98.47	54.63	5310	3.0	3.0	DK,GY	10-60-30-0	2,5,q		70	10	87
4-165	98.48	54.48	5210	3.0	3.0	DK,GY	10-40-50-0	1,2,5,q		45	9	85
4-166	98.53	54.3	5100	3.0	1.0	DK,GY	5-45-50-0	1,2,5,q		63	19	87
4-167	96.32	49.60	7405	5.0	1.0	MD,GY	0-80-20-0	2,1,q	Boulders with massive pyrite	45	24	88
4-168	96.23	49.58	7420	4.5	0.0	GY	0-80-20-0	1,2,q		40	23	130
4-169	96.23	49.64	7400	5.0	0.0	BN	10-70-10-10	NA		32	51	130
4-170	96.08	49.84	7215	3.5	3.0	GY	0-80-20-0	5bp,2d,q		37	29	135
4-171	95.90	50.06	7000	4.0	3.0	GY	10-70-20-0	5b		57	22	90
4-172	95.78	50.18	6820	4.0	3.0	GY	10-70-10-0	5bp		41	46	130
4-173	95.74	50.15	6820	4.0	2.0	NR	10-80-10-0	5b,1b,q		54	43	93
4-174	95.60	50.34	6690	3.0	2.0	BN	10-80-10-0	5b		44	29	125

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-175	95.54	50.40	6610	4.0	3.0	GN-BN	20-70-10-0	5d	Outcrop	40	50	130
4-176	95.30	50.60	6400	3.0	1.5	GY	20-70-10-0	5b,2c		56	36	140
4-177	95.10	50.70	6150	3.0	1.0	GY	10-80-10-0	1b,2d,5d,q		44	30	135
4-178	94.94	50.98	6060	5.0	3.0	GY	50-40-10-0	NA		42	37	130
4-179	96.84	50.80	8050	5.0	3.0	GN	0-40-60-0	1a,1b,q		53	44	83
4-180	96.63	51.10	7500	6.0	3.0	GN	30-30-40-0	1a,q		41	35	85
4-181	96.60	51.30	7170	5.0	2.0	GY	30-50-20-0	5,1,q		41	87	92
4-182	96.60	51.60	6840	4.0	2.5	PL-BN	50-10-30-10	2c,1b		34	35	85
4-183	96.60	51.70	6770	4.0	3.0	GY	50-30-20-0	1c,2b,2e		39	44	90
4-184	96.54	51.80	6630	4.0	NR	NR	20-30-40-10	1c,2c		41	39	88
4-185	96.45	51.97	6290	4.0	3.0	PL-BN	10-40-50-0	1c,2c,1b		44	37	88
4-186	96.30	52.20	5770	3.5	3.0	GY	20-40-40-0	5,1,2,q		48	38	90
4-187	96.20	52.30	5530	5.0	2.0	PL-BN	10-50-30-10	1d,5c		45	28	125
4-188	96.00	52.50	5360	5.0	2.0	DK-BN	30-30-30-10	NA		44	26	86
4-189	99.80	52.68	7000	4.5	2.0	GY	40-20-30-10	2,1,5		40	23	83
4-190	99.60	52.70	6995	4.5	2.5	GN-GY	10-60-20-10	2c,1c,5b		45	36	89
4-191	99.70	53.00	6730	5.0	2.0	BN	0-50-30-20	1,2,q		38	20	79
4-192	99.60	53.25	6430	4.0	3.0	GY	0-70-20-10	2a,q	Very Soily	39	25	82
4-193	99.90	53.36	6430	4.0	2.5	GY	10-10-80-0	2a		40	24	125
4-194	99.57	53.42	6355	3.0	2.0	GY	10-80-10-0	1c,2c		35	28	86
4-195	99.52	53.58	6040	3.0	2.0	DK-BN	0-80-10-10	2a		37	24	91
4-196	99.50	53.70	5990	3.0	3.0	GY	0-80-20-0	2c		30	15	90
4-197	99.40	53.88	5660	3.0	3.0	GY	20-70-10-0	2c		31	15	90
4-198	99.22	54.16	5020	3.0	3.0	GN-GY	0-80-20-0	NA		29	13	88
4-199	99-10	54.20	4860	3.0	1.5	GY	20-70-10-0	NA		28	17	89

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-200	99.06	52.05	7240	5.5	3.0	GY	20-60-20-0	2a _q ,1,2, _q		27	16	62
4-201	99.04	52.10	7230	6.0	3.0	GY	30-50-20-0	1b,2d,2c, _q	Seep	18	12	62
4-202	98.96	52.16	7100	4.0	1.0	PL-BN	70-20-10-0	1,2, _q		38	33	81
4-203	98.73	52.35	6950	4.0	2.0	MD-BN	20-20-60-0	2c,2a, _q		31	26	67
4-204	98.70	52.40	6430	6.0	2.0	BN	10-20-55-15	NA	Seep	42	38	76
4-205	98.60	52.50	6875	3.0	2.0	GY	0-40-50-10	2c,2d, _q		39	19	79
4-206	98.38	52.70	6445	5.0	3.0	PL-BN	0-20-80-0	1b,2b		31	17	79
4-207	98.35	52.74	6350	3.0	3.0	PL-BN	50-20-20-10	NR		35	21	79
4-208	98.16	53.07	5850	5.0	3.0	PL-BN	10-60-30-0	2a,2a		33	13	79
4-209	04.26	46.24	6200	4.0	3.0	GY	50-30-0-20	5d,2a _q		44	22	95
4-210	04.36	46.20	5900	4.0	3.0	BN	30-30-30-10	5c,2a		42	23	88
4-211	99.14	47.40	7500	4.5	1.0	DK-GY	40-50-10-0	5bp, _q		46	63	150
4-212	99.80	47.20	7200	3.0	2.0	PL-GY	0-30-70-0	5,2, _q	W/Mineralization	49	53	145
4-213	99.80	47.20	7200	3.0	1.0	DK-GY	0-50-50-0	2,5, _q	W/Mineralization	47	83	170
4-214	00.18	46.33	7600	4.5	3.0	MD-GY	10-60-30-0	2b, _q	Gal. in Qtz.	46	64	155
4-215	00.16	46.40	7530	4.0	1.5	NR	20-60-20-0	2b,2a, _q		52	70	185
4-216	00.13	46.45	7510	4.0	1.5	BN	30-50-20-0	5,2, _q	Qtz. w/Sph. nearby	45	565	300
4-217	00.12	46.52	7480	4.0	1.0	RD-BN	40-50-10-0	2ap, _q		47	104	185
4-218	00.12	46.48	7480	4.0	1.0	RD-BN	30-30-40-0	2ap,2dp, _q		58	106	175
4-219	00.05	46.60	7400	5.0	0.5	GY	10-50-40-0	5,2, _q		55	86	145
4-220	00.02	46.57	7400	4.0	0.5	PL-GY	10-60-30-0	2,5, _q		47	72	180
4-221	99.76	47.36	7150	5.0	2.0	GY	0-60-40-0	2, _q	Confluence	57	38	125
4-222	99.72	47.32	7400	3.0	1.0	NR	0-50-50-0	2a,2b, _q	Mainstream	52	114	160
4-223	99.60	47.50	7000	3.0	3.0	P.-GY	10-40-50-0	1bg,2b,5a		51	89	165
4-224	99.34	47.90	6650	3.0	2.0	GY	20-30-50-0	5bp,2a	2a w/Gal (?)	60	68	170

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-225	99.26	48.00	6570	2.5	1.5	GY	0-50-50-0	2a,1a,q		53	78	170
4-226	99.20	48.05	6460	4.0	3.0	NR	20-50-30-0	2a,q,5bp	Confluence	49	72	180
4-227	99.04	48.40	6100	3.0	3.0	PL-GY	0-20-80-0	5,2,l		43	59	165
4-228	02.55	48.50	7540	5.0	1.0	GY	10-70-20-0	1,2,5,q		44	17	115
4-229	02.38	48.80	7360	5.0	1.0	PL-GY	60-30-10-0	2a,2cp,1c		48	13	115
4-230	02.46	48.85	7310	5.0	1.0	GY	30-50-20-0	q		32	13	100
4-231	02.25	49.10	6995	5.0	3.0	GY	60-30-10-0	2d,5bp,q		45	16	115
4-232	01.95	49.55	6640	6.0	0.0	PL-BN	0-10-80-10	5bp	Seep	43	22	110
4-233	01.98	49.63	6630	3.0	2.0	GY	10-80-10-0	2a,2d,q	Mainstream	48	20	125
4-234	03.92	49.90	7320	5.0	2.0	BN	0-30-70-0	1a		22	30	85
4-235	03.96	49.94	7320	5.0	2.0	BN	0-40-50-10	1a		51	70	95
4-236	03.78	50.20	6100	4.5	1.0	BN	0-20-80-0	1a,q	Tr. Cpy.	36	44	110
4-237	03.75	50.26	6040	5.0	1.0	BN	0-40-60-0	5cq,1a		76	58	145
4-238	-3.80	50.24	6040	5.0	2.0	GY	0-50-50-0	5cq,1a	Confluence	93	48	150
4-239	03.78	50.40	6950	4.0	1.0	GY	0-50-50-0	2a		77	28	125
4-240	03.78	50.66	6770	4.0	1.0	GY	0-40-50-0	2a,5c	Rusty	67	35	125
4-241	03.70	50.75	6730	4.0	1.0	BN-GY	0-50-50-0	1a,2a	Mainstream	61	48	125
4-242	03.74	50.54	6730	4.2	1.0	BN-GY	0-50-50-0	2a,1a	Confluence	46	17	125
4-243	03.50	51.16	6390	4.0	1.0	GY	0-40-60-0	5c,2a		56	22	120
4-244	03.50	51.56	5930	3.0	3.0	GY	0-60-40-0	2a,2c		56	19	120
4-245	03.42	51.80	5440	5.0	3.0	GY	0-50-50-0	2a,1a		35	11	105
4-246	03.38	51.80	5400	3.0	3.0	GY	0-40-60-0	2a,1a		45	11	115
4-247	03.35	52.10	5140	3.0	0.0	GY	0-50-50-0	NA		40	13	110
4-248	04.52	50.60	7570	5.0	2.5	GY	40-40-20-0	5c,1a,2a	Seep	82	32	110
4-249	04.48	50.66	7500	6.0	1.0	GY	20-70-10-0	2a,5c,q	Seep	107	39	105

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-250	04.48	50.76	7400	4.5	1.0	BN	10-80-10-0	5c,2a,1a		54	25	95
4-251	04.16	51.54	6540	5.0	3.0	GY	60-30-10-0	5c,2a		64	21	115
4-252a	-5.02	51.32	7000	5.0	2.5	BN	80-20-0-0	5b,1a,q		35	24	115
4-252b	04.93	51.38	6860	6.0	3.0	DK-BN	NR	5b	Seep	35	13	100
4-253a	04.90	51.36	6860	5.0	2.5	BN	40-30-30-0	5b,2a		70	147	105
4-253b	04.60	51.62	6360	4.5	3.0	DK-BN-GY	10-80-10-0	1a,5b		35	10	105
4-254	04.56	51.72	6230	4.0	2.0	BN-GY	10-80-10-0	5b,5c		39	20	120
4-255	04.44	51.86	6070	4.0	3.0	GY	10-80-10-0	1a,2a		30	26	85
4-256	04.40	51.84	6070	6.0	3.0	GY	0-30-60-10	NA	Mainly Soil Seep	28	12	95
4-257	04.35	51.86	6020	4.5	2.0	BN	60-40-0-0	1a		23	13	105
4-258	04.32	51.93	5900	6.0	3.0	GY	0-50-30-20	NA	Seep	25	18	105
4-259	04.30	52.06	5710	3.0	3.0	BN	20-60-20-0	1a,2a	Mainstream	26	14	105
4-260	04.10	52.26	5310	3.0	3.0	BN	0-70-20-10	2b,1b,2a		51	10	90
4-261	03.98	52.36	5150	3.0	3.0	GY	20-60-10-10	2a,2b,1a		51	137	140
4-262	NR	NR	NR	NR	NR	NR	NR	NR	No Sample Taken	NR	NR	NR
4-263	NR	NR	NR	NR	NR	NR	NR	NR	No Sample Taken	NR	NR	NR
4-264	95.85	55.25	7650	5.0	1.0	GY	20-30-50-0	2a,1a,q		34	40	68
4-265	95.84	55.18	7650	5.0	1.0	GY	30-50-20-0	2a,q		40	29	80
4-266	95.95	55.36	7600	5.0	3.0	GY	30-20-50-0	2a,2c,a		32	28	120
4-267	95.98	55.43	7600	6.0	3.0	NR	60-10-30-0	5b	Seep	6-	43	120
4-268	96.00	55.38	7600	4.0	2.0	GY	30-50-20-0	5b,q,2a		41	26	100
4-269	96.06	55.40	7500	6.0	3.0	GY	0-50-50-0	2a,5b	Seep	34	26	120
4-270	96.10	55.33	7490	4.0	1.5	NR	10-40-50-0	2a,q,5b	Mainstream	44	25	67
4-271	96.30	55.14	7270	3.5	1.5	GY	20-50-30-0	2c,5b,1b	Mainstream	35	24	66
4-272	96.32	55.04	7250	4.0	1.0	GY	20-50-20-10	5b,2a	Confluence	26	36	63

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-273	96.40	55.10	7270	4.5	1.5	GY	30-40-30-0	5b	Lstn. Confluence	48	33	80
4-274	96.40	55.04	7210	6.0	3.0	GY	10-60-30-0	5bp,2a	Seep	20	22	67
4-275	96.45	54.97	7200	3.5	1.0	GY	0-50-50-0	2a,2c,5b		27	22	66
4-276	96.46	54.92	7100	6.0	1.0	NR	40-30-10-20	2a	Seep	12	24	60
4-277	96.52	54.90	7050	5.0	3.0	GY	10-50-40-0	2a,5b		32	27	69
4-278	96.50	54.87	7040	3.0	2.0	NR	20-50-30-0	2a,q	Mainstream	33	23	63
4-279	96.78	54.68	6700	3.5	3.0	GY	0-50-50-0	2a,2c		35	21	66
4-280	97.00	54.50	6340	3.0	3.0	GY	0-50-50-0	5c,q	On Outcrop	29	23	80
4-281	97.03	54.52	6270	4.0	3.0	BN	60-20-10-10	5c	Confluence	43	36	100
4-282	97.09	54.45	6200	5.0	3.0	GY	70-20-10-0	5c,q		49	33	100
4-283										33	22	80
4-284	97.18	54.34	5850	3.0	3.0	GY	10-40-50-0	5c,2qp,q		35	22	65
4-285	97.35	54.18	5450	3.0	3.0	GY	20-60-20-0	2cd,q,5b		33	21	80
4-286	97.44	53.88	5170	4.0	1.0	GY	20-70-10-0	NA	Dry Stream	28	21	61
4-287	95.78	54.42	7440	5.5	2.0	YL-BN	0-20-70-10	2a,5bp	Seep	22	22	63
4-288	95.74	54.30	7400	4.0	1.0	BN	0-60-40-0	2a,1a,5c	Mainstream	24	32	64
4-289	95.80	54.30	7350	5.0	2.0	GY	0-40-60-0	2c,1a,2a	Confluence	14	37	64
4-290	95.80	54.23	7350	4.0	3.0	GY	0-50-50-0	2c,1a,2a	Mainstream	25	31	61
4-291	95.90	54.22	7200	4.0	1.0	GY	0-60-40-0	5b,2c	Mainstream	33	33	65
4-292	95.94	54.30	7200	5.0	0.0	BN	0-40-60-0	5b,2c	Swampy	17	25	62
4-293	96.14	54.10	6900	6.0	1.5	NR	0-30-70-0	2c,2a	Seep	24	31	57
4-294	96.32	54.04	6600	3.0	3.0	GY	0-35-65-0	2a,1a,q	Mainstream	26	35	56
4-295	96.46	53.96	6400	3.0	3.0	GY	20-40-40-0	2c,5a	Mainstream	29	32	59
4-296	96.40	53.92	6400	4.0	3.0	GY	0-40-50-10	5c,2a		7	25	59
4-297	96.54	53.74	5900	3.0	3.0	GY	10-50-40-0	2c	Mainstream	20	23	55

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
4-298	96.62	53.56	5600	3.0	3.0	GY	20-50-30-0	2c,2b		21	21	55
4-299	96.72	53.44	5320	3.0	3.0	GY	5-65-30-0	NA		22	20	53
4-300	87.64	62.17	8000?	4.5	1.0	WT-GY	30-20-50-0	5c		57	39	91
4-301	94.23	59.32	NR	4.0	3.0	DK-GY	50-30-20-0	5c,2b,4	Dry Stream	57	27	100
4-302	94.16	59.52	NR	4.0	3.0	DK-GY	30-50-20-0	4,5b,2b	Dry Stream	42	18	90
4-303	94.13	59.47	NR	5.0	2.0	GY	30-50-20-0	4,5b,2b		90	27	80
4-304	94.09	59.54	NR	4.0	3.0	GY	10-80-10-0	5b,4,2b		41	14	110
4-305	94.04	59.50	NR	4.0	3.0	GY	20-70-10-0	5b,2a		39	14	110
4-306	93.90	59.44	NR	5.0	3.0	NR	20-70-10-0	5b	Confluence	36	16	90
4-307	93.75	59.40	NR	4.0	2.0	GY	20-70-10-0	5a	Mainstream	37	16	100
4-308	93.63	59.42	NR	5.5	2.0	GY	20-70-10-0	NA		33	17	90
4-309	93.58	59.44	NR	3.0	2.0	GY	20-60-20-0	2a,4		43	19	100
4-310	93.45	59.49	NR	3.0	1.5	GY	10-60-30-0	1b,q,c		40	15	100
4-311	93.21	59.54	NR	3.0	1.5	GY	20-70-10-0	5c,4		36	14	110
4-312	05.99	45.50	4180	NR	NR	PL-BN	0-70-30-0	NA	Marked 4a	14	5	29
4-313	05.90	44.75	4200	NR	NR	PL-BN	0-70-30-0	NA	Marked 4b	9	2	15

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
5-1	93.04	58.14	6075	3.0	1.0	PL-GY	0-45-45-10	2,q		34	13	78
5-2	93.10	58.13	6115	3.0	1.0	MD-GY	0-10-80-10	2b		37	15	80
5-3	93.34	58.07	6315	6.0	2.0	PL-GY	30-10-40-20	NA		32	19	75
5-4	93.52	57.92	6400	5.0	1.0	PL-GY	0-50-50-0	4,2,q		34	11	71
5-5	92.90	57.74	6175	6.0	0.0	PL-GY	0-50-50-0	NA	Seep	40	20	88
5-6	92.90	57.78	6170	6.0	0.0	PL-GY	0-40-60-0	NA	Seep	23	17	85
5-7	92.92	57.80	6170	6.0	0.0	PL-GY	0-50-50-0	5,q		33	16	86
5-8	92.96	57.80	6170	3.0	1.0	PL-GY	0-30-70-0	2		58	22	38
5-9	92.96	57.84	6165	5.0	1.0	PL-GY	10-40-40-10	NA	Seep	76	16	89
5-10	92.96	57.92	6150	3.0	2.0	PL-GY	0-50-50-0	2a,4		47	17	87
5-11	93.00	58.10	6120	5.0	1.0	PL-GY	0-50-50-0	2a,4		38	8	83
5-12	92.85	58.80	5920	6.0	1.0	DK-GY	10-45-45-0	2		31	12	80
5-13	04.74	45.97	5280	4.0	2.0	PL-GY	0-60-40-0	2q		29	12	74
5-14	04.78	45.90	5175	4.0	3.0	PL-GY	30-30-30-10	2,q		32	20	74
5-15	04.85	45.85	5010	5.0	3.0	PL-GY	30-40-30-0	1,q		29	7	74
5-16	04.92	45.80	4850	5.0	2.0	PL-GY	10-40-40-10	2,q		30	35	89
5-17	05.04	45.74	4780	5.0	1.0	PL-GY	10-40-50-0	2,q		33	26	78
5-18	86.38	58.76	7290	5.0	0.0	GY	10-70-20-0	2a,5a,4		51	18	100
5-19	86.33	57.75	7290	5.0	0.0	GY	0-50-50-0	2a,5a,4		46	19	90
5-20	86.28	58.74	7290	5.0	1.0	GY	10-80-10-0	2a,5a,4		36	15	100
5-21	86.35	58.82	7280	5.0	0.0	GY	0-80-20-0	2a,5a,4	Seep	39	16	100
5-22	86.34	59.00	7180	6.0	1.0	PL-GY	30-60-10-0	2b,5,4a	Seep	36	17	110
5-23	86.20	59.30	6800	4.0	1.0	PL-GY	10080-10-0	2		47	14	120
5-24	86.00	59.56	6570	4.0	1.0	PL-GY	0-80-20-0	1,2a,5,4		40	16	90
5-25	85.90	59.62	6480	4.0	2.0	PL-GY	10-80-10-0	1,2,5		40	14	110

SAMPLE	EASTING	NORTHING	ELEV. FEET	CLASS	RATE	COLOR	CPSN	LITH.	COMMENTS	CU PPM	PB PPM	ZN PPM
5-26	85.84	59.64	6370	4.0	2.0	PL-GY	0-80-20-0	1,2,4		41	15	100
5-27	85.68	59.66	6060	4.0	1.0	PL-GY	0-80-20-0	2,4		52	16	120
5-28	85.64	59.66	6045	4.0	0.0	PL-GY	20-70-10-0	2a,5		43	13	64
5-29	88.50	56.86	NR	3.0	1.5	NR	0-50-50-0	2,5,4		17	4	30
5-30	88.50	56.95	NR	3.0	2.0	NR	0-50-50-0	2,5		26	12	63
5-31	88.67	57.00	NR	3.0	1.0	NR	0-50-50-0	1,5,2,4		31	7	52
5-32	88.73	57.60	NR	3.0	2.0	NR	0-40-60-0	1,2,±5		23	10	34
5-33	88.76	57.76	NR	3.0	1.5	NR	0-50-50-0	NA		27	16	53
5-34	88.95	58.16	NR	4.0	1.0	NR	10-40-50-0	NA		20	22	43
5-35	89.44	58.90	NR	NR	NR	NR	0-50-50-0	5		15	23	48
5-36	89.60	59.20	NR	3.0	2.0	NR	5-60-35-0	5		21	5	40

