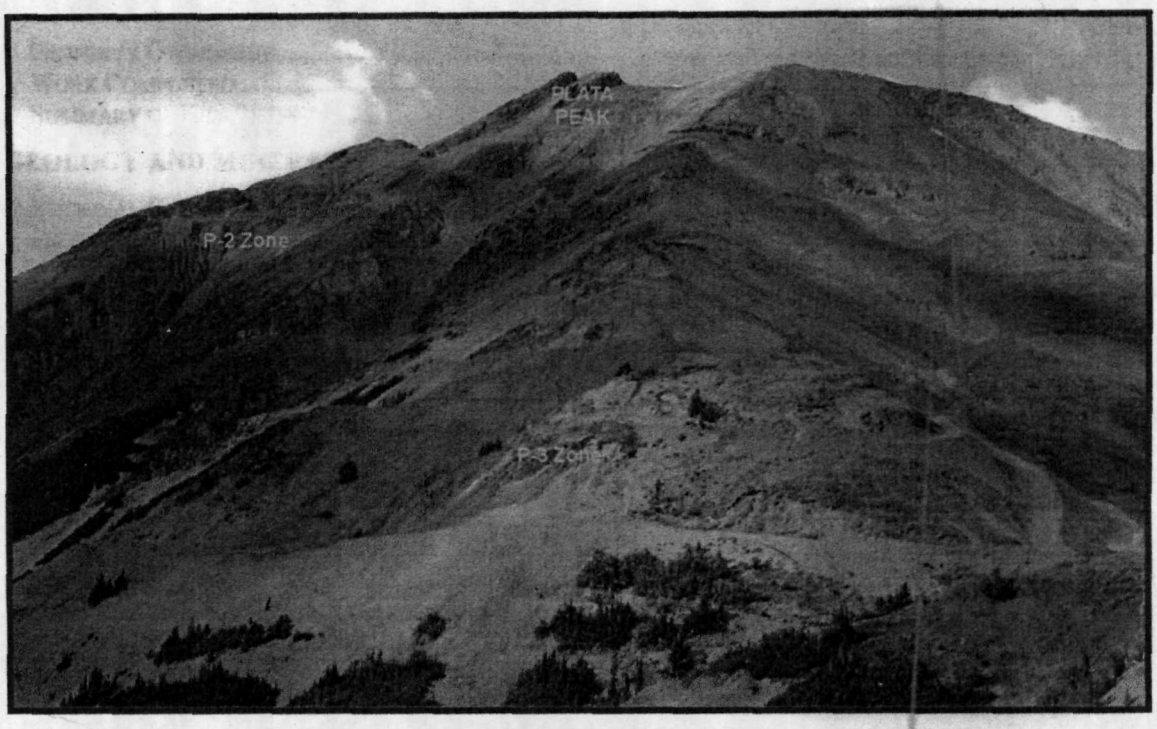
PLATA PROJECT

Mayo Mining Division
NTS 105N/09
Yukon Territory

Report on 2001Field Program



Looking west to Plata Peak and area of main workings.

by
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INTRODUCTION

Plata is a system of high grade silver-lead-zinc+/-gold veins that were discovered during a regional reconnaissance exploration program by Atlas Explorations shortly after the discovery of the Anvil Mine Initial comparisons were made with the Keno Hill district, but the regional geological and structural setting and the vein mineralogy were soon shown to have significant differences

During the 1970's the property was mapped and diamond drilling was carried out on one showing, P-4 The core drilling encountered lower grades than on surface and interest in the property waned It appeared that there was insufficient tonnage at the necessary grade to justify development in this isolated location

In the late 1970's and 1980's, enterprising developers pushed a winter road into the property, built an air strip and mined high grade silver ores from surface pits that were hand sorted and shipped directly to smelters During this period, an adit was driven below the P-2 Vein but failed to intersect economic mineralization Otherwise, little effort was apparently made to develop sufficient tonnage to justify the establishment of a traditional mining operation Later, in the 1990's, a small reverse circulation drill program was designed to establish grades and tonnage on the P-4 Vein with some success, but this program was cut short

The host rocks for the Plata veins are the Proterozoic to Cambrian Hyland Group and the Devono-Mississippian Earn Group. These latter rocks are the same as those that host the significant Sedex silver-lead-zinc mineralization at MacMillan Pass, 120 km to the east In fact, many of the geological features that characterized the MacMillan Pass deposits are observed at Plata, coarse clastic rocks and thickening of facies suggesting local basin development and extensive bedded barite deposits indicating active hydrothermal venting It has been suggested that the high grade veins may represent metals derived from an underlying Sedex source

In the early 1990's, a major mining company evaluated the regional potential for Sedex-style mineralization in the northern Selwyn Basin and found strong encouragement both geologically and geochemically adjacent to the Plata property, on the eastern edge of the Lansing map sheet (G Carlson, pers comm) In 2001, Copper Ridge Explorations Ltd was successful in obtaining an option on the Plata property and also was approved for the Mineral Incentive Program by the Yukon Government

During August 2001, Copper Ridge completed a field program designed to evaluate the potential for Sedex-style mineralization on the property as well as the potential for discovering a larger tonnage of high grade vein mineralization This report summarizes the results of this program as required by the Yukon Mineral Incentive Program

PHYSICAL SETTING

Location and Access

The Plata property is located in the Bostock Range of the Hess Mountains, between the Rogue and Hess Rivers, 165 km north of Ross River and 345 km northeast of Whitehorse, in northeastern Yukon Territory. The claims are located in the Mayo Mining Division, NTS sheets 105N/9 and 105O/12, centred at 63° 37' north latitude and 132° 00' west longitude.

Access is by helicopter from Ross River. A serviceable airstrip exists 11 km south of the property, reportedly accommodating up to a DC-3 sized aircraft. Heavy equipment has been moved to the property on a 120-km winter road departing the North Canol Road at Jeff Lake to the airstrip and thence to the property. Bulldozer trails have been constructed over many parts of the property.

For the current program, access was by Alkan Air Cessna 207 from Whitehorse to the airstrip and also by truck to Ross River and Trans North Jet Ranger Helicopter to the airstrip and thence to a fly camp in the centre of the property.

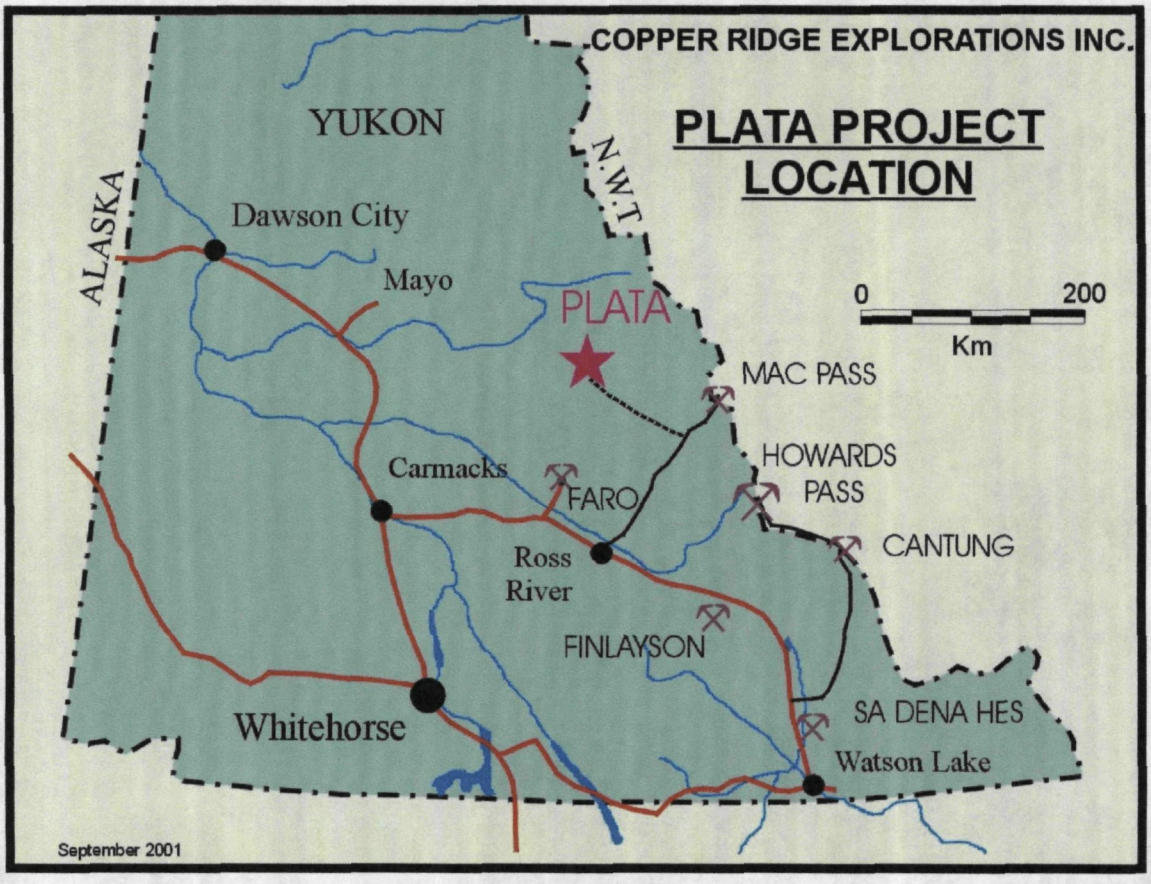

Figure 1. Plata Project Yukon location.

Physiography

The property covers mountainous terrain with elevations ranging from 750 m to over 2100 m ASL. Outcrop is sparse in the lower areas, which have been glaciated and are covered by till of varying thickness. Thick spruce vegetation covers slopes to an elevation of about 1400 m. Above this, vegetation is thin and outcrop is relatively abundant, particularly on ridges and north to east facing slopes, while locally derived talus and scree dominates over glacial till.

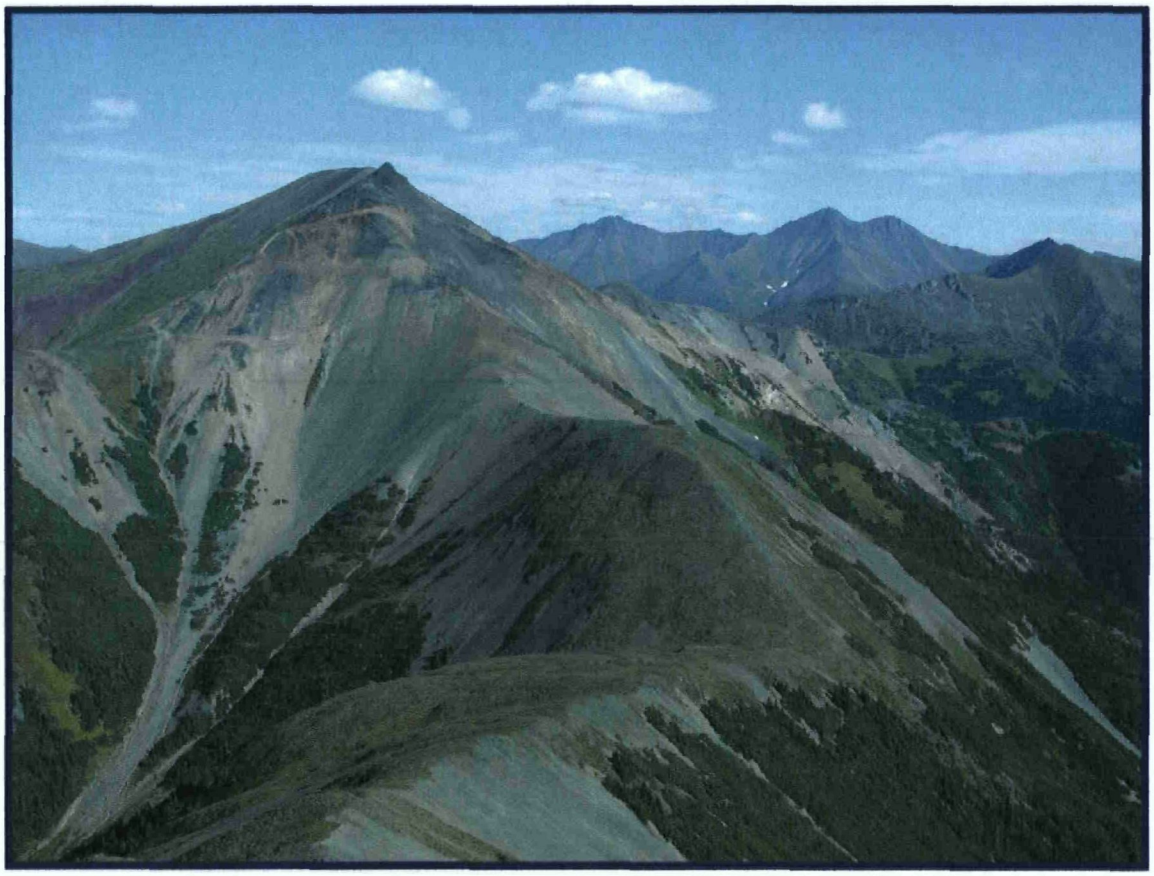

Figure 2. Looking north towards Plata Peak (2093 m) with main workings on the east-facing slope. P-2 Zone is near the peak, with P-3 on the lower slopes and P-4 off to the lower right.

Property Description

The property consists of 115 quartz mining claims located in the Mayo Mining Division, NTS 105N/9 and 105O/12, as more fully described in Appendix "A".

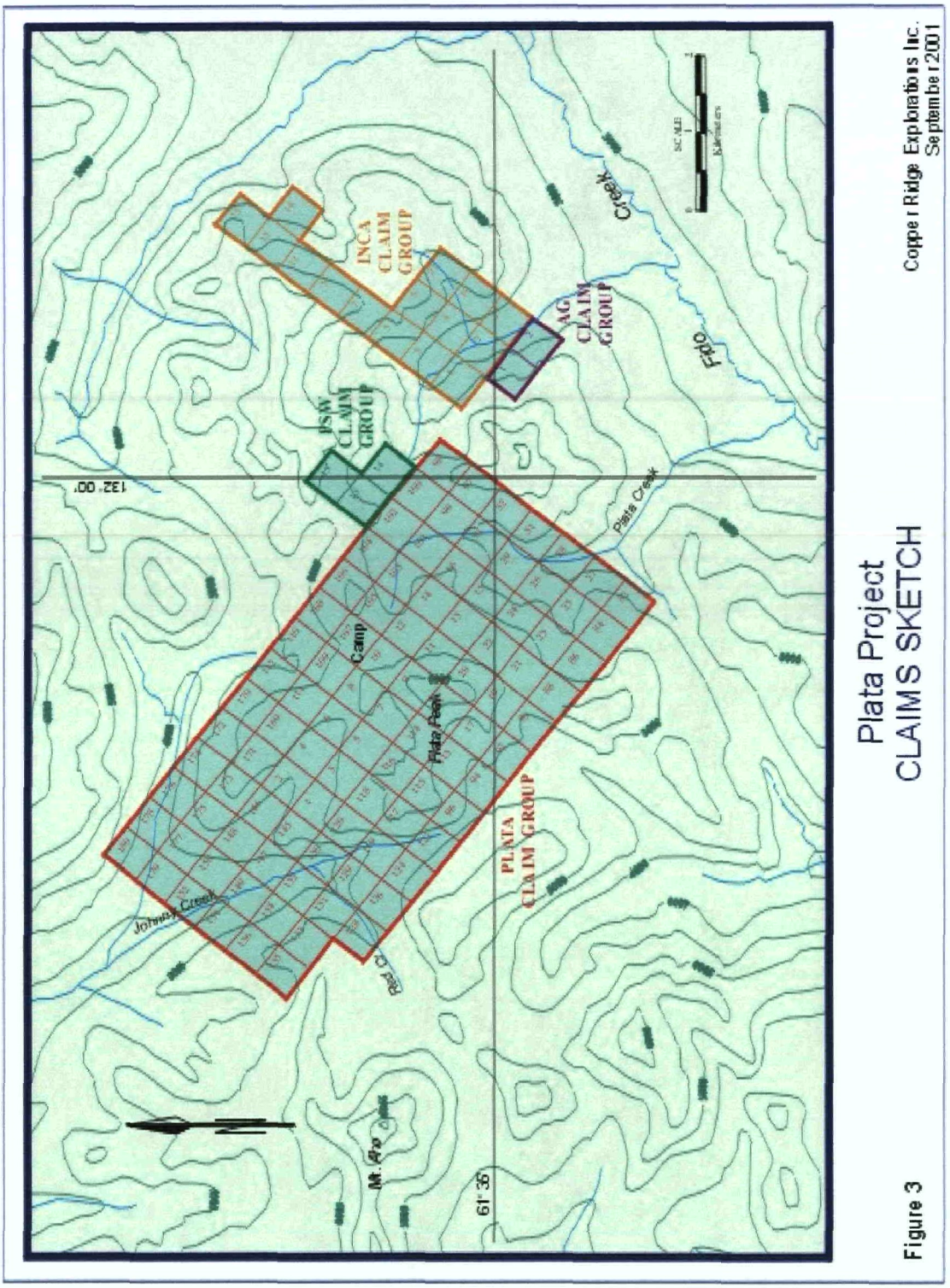

Figure 3

HISTORY

Property Ownership

High grade silver-lead-zinc mineralization was discovered by Atlas Explorations Ltd in 1969 by crews under the direction of Aaro Aho The first claims were not staked until 1972 when Dynasty Explorations Ltd staked the Plata and Inca claim groups In 1974, Dynasty was merged into Cyprus Anvil Mining Corp The property was purchased by Ebony Resources Corporation in 1983 and transferred to a sister company, Dawson Eldorado Gold Explorations Ltd in 1984

When Dawson Eldorado changed its business direction, it conveyed the property to Gold City Mining Ltd In 1990, Gold City sold the property to Paul White, who, in 1997, transferred his interest in the property to Big Blackfoot Resources Ltd

In April 2001, Copper Ridge Explorations acquired an option on the property from Big Blackfoot According to the terms of the option, Copper Ridge must spend $800,000 over five years and issue 200,000 shares to Big Blackfoot over 4 years to earn a 51% interest in the property, with the right to increase that interest to 60% by spending an additional $1 million over two years and the right to increase that interest to 70% by completing a feasibility study

Work Completed

Initial work in 1969 included prospecting and hand trenching In 1972, Dynasty commenced a more comprehensive program that included property-wide prospecting and grid-based geological mapping and soil sampling, identifying more than forty showings Over the main showing areas, they carried out bulldozer trenching and, at the P-4 showing diamond drilling of 401 m in 6 holes A winter road and airstrip were constructed in 1973

In 1976, lessees A Harmon and F Lavoie shipped about 100 tons of ore, averaging approximately 250 oz silver/ton and 70% lead, from three different showings From 1983 to 1985, Dawson Eldorado shipped 3,300 tons averaging 139 oz silver/ton from eight veins This production was hand-sorted, bagged, flown by helicopter to the airstrip, flown by fixed-wing to Ross River and then trucked directly to smelter

Most of this production was from the P-2 vein, at an elevation of 5700 m on Plata Peak. In 1984, an adit was driven 110 m below the P-2 surface showing, including 400 m of drifting and crosscutting The structure was encountered but not the ore shoot They also completed 13 drill holes

In 1987, Dawson Eldorado completed a comprehensive property evaluation that included bulldozer trenching, 670 m of diamond drilling (P-4 Zone) and bulk sampling of a number of known showings for grade and metallurgical testing A minor amount of geophysical test work was also carried out

In 1996, Dawson Eldorado carried out some additional sampling and completed seven core drill holes for 975 m on the P-4 and adjacent P-3 Zones The property was optioned to Alliance Pacific Gold Corp in 1997 who did trench sampling and drilled sixteen RC holes on the P-4 Zone before allowing the option to lapse

Summary of Key Results

The following table summarizes production from the property to date (from Van Angeren, 1986)

Table I
Historical Production – Plata and Inca Claims

Vein	Year	Tons Shipped	Grade (oz silver/ton)	Oz. Silver Produced
P-1	1976	35	300	
P-1	1984	10	200	12,500
P-2	1976, -83, -84	1800	75-200	237,500
P-5	1977, -83, -84	100	100-150	15,000
P-6	1976, -83, -84	300+	70	25,000
I-7	1983, -84	160	100	15,000
I-7P	1985	80	160-400	20,000
I-10	1985	675	150-180	115,000
I-12	1983, -84	350	160-180	60,000

The underground program in 1984-85 intersected the P-2 structure at a depth of about 110 m below the surface exposure but failed to intersect significant mineralization

Core drilling, carried out almost exclusively on the P-4 Vein, has historically produced results significantly lower than results from surface trenches, due possibly to poor core recovery through the vein The Yukon Minfile quotes a reserve of 450,000 tonnes grading 340 gm silver/tonne and 8 gm gold/tonne while Lueck and Pudar (1996) quote a drill-indicated, open pit reserve of 227,000 tons at 8 6 oz silver/ton, 0 106 oz gold/ton and 2 6% lead The rotary drilling completed in 1998, however, has provided results more in line with surface sampling (see below)

GEOLOGY AND MINERALIZATION

Regional Geology

The Plata property lies within the Lansing map sheet in northern Selwyn Basin, within which lies one of the world's largest concentrations of sediment-hosted, stratiform zinc-lead deposits (Abbott et al , 1986) The Selwyn Basin is a fault-bounded intracratonic basin unique to the Canadian Cordillera, with sediments ranging from Precambrian to Middle Jurassic age being deposited along the relatively stable margin of western North America

The Lansing sheet was originally mapped by Blusson (1974) and was recently updated by Roots, et al (1995) who further refined the stratigraphic succession in the Plata area Basal rocks include green and maroon shales and coarser clastics including sandstone, siltstone, calcareous sandstone and minor limestone of the Hyland Group This is overlain by the Upper Cambrian to Silurian Road River Group including the Gull Lake Formation, mainly mudstone, siltstone and nodular shale, overlain by chert, shale and limestone and, finally, the Steel Formation, including siliceous shale, dolostone and calcareous shale

During late Devonian, extensional tectonics and local rift basins resulted in thick accumulations of chert pebble conglomerate, along with siliceous shale and black chert and related barite lenses of the Earn Group Minor components of the Earn Group include shale, limestone and sandstone

Ongoing basinal sedimentation in the Plata area includes weakly calcareous black siltstone and fine-grained brown sandstone, with minor shale and chert of Carboniferous to Permian age tentatively correlated by Roots et al (1995) with the Tsichu Group Overlying this is the Triassic Jones Lake Formation, consisting mainly of fine-grained, brown and grey weathering calcareous and micaceous sandstone and siltstone, with interbedded shale

Sedimentation is interpreted to have ended in middle Jurassic as a result of collision of an arc along the western boundary of the basin, initiating a period of deformation and uplift. This was followed by widespread emplacement of mid-Cretaceous granitic rocks of the Tombstone Intrusive Suite, including hornblende-biotite quartz diorite and porphyry dikes and sills

Property Geology

The property was originally mapped at a scale of 1 5,000 by Roberts (1974), and this work has provided the foundation for further studies Regional mapping by Roots et al (1985) has shown that the Plata stratigraphy is actually representative of a broader range of Selwyn Basin sedimentation than previously thought, as supported by fossil evidence and correlations with the adjacent Niddery Lake map sheet

The property geology is dominated by northwest-trending structures representing, for the most part, southwesterly directed thrust sheets This has resulted in a complex array of imbricate thrust sheets within which individual sheets are often tightly deformed Since much of the sedimentation within Selwyn Basin includes very similar lithologies through time, it was found to be difficult to distinguish the various units during the course of a relatively short property evaluation Details of the property stratigraphy will require further refinement with ongoing mapping efforts

Table II
GEOLOGICAL LEGEND

CRETACEOUS

Tombstone Intrusive Suite

Kqfp – White and rusty weathering quartz-feldspar porphyry dikes and sills

TRIASSIC

Jones Lake Formation

TJslts – Interbedded orange-brown weathering olive green siliceous shale and recessive grey shale

CARBONIFEROUS to PERMIAN

Tsichu Group (probable equivalent)

CPslt – Orange-brown and dark grey weathering black siltstone, **CPch** – Light grey weathering grey chert

DEVONIAN to LOWER CARBONIFEROUS

Earn Group

DE – Undifferentiated shale, siliceous shale and chert, **DEsh** – Blue-brown weathering siliceous shale to argillite, minor siltstone, **DEch** – Gossanous white and yellow weathering, thin to medium bedded grey and black chert, **DEcpc** – conglomerate and grit with chert clasts; **DEba** – Stratiform, laminated barite

UPPER PROTEROZOIC TO MIDDLE CAMBRIAN

Hyland Group

PHsh – Maroon, green, brown and black shale and siltstone, **PHq** – Light brown weathering grit, sandstone and thin-bedded sandstone interbedded with shale, **PHl** – White weathering, thick-bedded grey-white limestone

Hyland Group

The dominant and most readily recognized lithology of the Upper Proterozoic to Middle Cambrian Hyland Group is maroon and green argillite and siltstone of the Narchilla Formation This unit, with associated tan weathering grit and sandstone is preserved in a thrust wedge which strikes northwesterly through the centre of the property and forms the prominent Plata Peak A thick, grey, cliff-forming bedded limestone that occurs on Plata Peak and strikes to the northwest may be part of this unit or may be younger Folding is evident in certain areas of this limestone unit as well as brecciation adjacent to local, steep faults

Road River Group

Road River rocks have been mapped on the property by earlier workers, but were not recognized by Roberts or Roots et al It is possible that some of the chert and shale exposed on the property belong to Road River

Earn Group

Earn Group rocks are typically rusty to dark grey and black weathering shale and chert, with local lenses of grey, bedded barite and nodular barite units The most distinctive Earn Group unit is a thick accumulation of chert pebble conglomerate that occurs in the southwestern part of the property and strikes to the northwest, to form the prominent Mt Aho Within the lower Earn Group, the shales are often strongly graphitic and pyritic

Within the central part of the property, thick, dark grey to black chert and siliceous shale units are resistant and cliff forming Bedding within the shale is often obscured by a steep, southwesterly dipping axial plane cleavage The shale includes numerous distinctive black, carbonaceous, sometimes fissile units

Stratiform barite occurs interbedded with the chert and shale at various locations on the property Distinctive barite rosettes up to 8 cm in diameter occur in chert in at least two locations, one of the eastern slope of the southern terminus of the baseline on the 4431 peak and another on the northern slope of Mt Aho Well developed jointing is present in the chert at these locations At the location on the eastern slope of the southern terminus of the baseline on the 4431 peak a unit is present which may be indicative of active facies changes occurring An incompetent, recessive unit with a black chert groundmass hosts rounded white and grey crystalline barite clasts Chert beds of varying thicknesses occur below this unit

Tsichu Group

This is a monotonous sequence of orange-brown and dark grey weathering shale, siltstone and sandstone that occurs in the central and in the northern part of the property in two discrete thrust slices Prior to its recognition by Roots, et al , these rocks had been included as Earn Group

Jones Lake Formation

This unit overlies the Tsichu Group in the north central part of the property, where it consists of laminated, brown and grey weathering, fine-grained calcareous siltstone and sandstone

Tombstone Intrusive Suite

While a number of intrusive bodies occur to the south and east of the property, within the claim group the only occurrence is a continuous, northwesterly-striking felsic dike and/or sill It ranges from 10 to 20 m thick and is typically a pale orange weathering quartz-feldspar porphyry

Mineral Deposits

More than forty silver-lead-zinc showings are known on the Plata property, thirty-one in the Plata area and thirteen in the Inca area The showings are typically in linear, en-echelon patterns associated with northwest and northeast trending fault zones Individual showings range from a few metres to over 100 metres long and from a few centimetres to 10 metres wide While most of the veins are along normal faults, the P-3 and P-4 veins occur within the Plata thrust

The various types of veins include galena-sphalerite-tetrahedrite veins, quartz-tetrahedrite veins, galena veins, siderite-sphalerite-galena veins and arsenopyrite-pyrite-galena-boulangerite-tetrahedrite veins The high grade silver veins typically consist of friebergite (silver-rich tetrahedrite) and galena with subordinate amounts of sphalerite, with siderite and quartz gangue and with minor barite and calcite High grade shoots range from 50 to 300 oz silver/ton and 30% to 70% lead, with an average of roughly 70 oz silver/ton and 30% lead (Van Angeren, 1986) Sphalerite comprises up to 20% of the veins, but is typically less than 5% Sulphide mineralization is typically coarse-grained Other elements enriched in the veins include barium, arsenic, antimony, copper and, locally, gold

The P-3 and P-4 veins are unique in their occurrence at a lower elevation and the presence of arsenopyrite and pyrite as the dominant sulphide minerals, along with significant gold values This vein shows greater consistency of high grades both laterally and down dip compared with other veins on the property, although few of the other occurrences have been adequately explored by drilling

Stratiform barite occurs at a number of localities within the property as well as along strike within the Earn Group stratigraphy to the north and northwest of the property To date, no massive sulphide mineralization has been observed related to these barite occurrences

2001 WORK PROGRAM

Purpose

The purpose of the 2001 field program was to examine the known showings on the Plata property in the context of their regional and local stratigraphic setting within the Selwyn Basin and the potential for associated Sedex style silver-base metal mineralization Particular attention was focused on the Lower Earn Group stratigraphy, including chert pebble conglomerate and barite lenses These features are indicative of local graben formation and hydrothermal activity, similar to the setting of the Tom and Jason deposits at MacMillan Pass Also of interest was the P-4 vein, the largest of the known showings, with grades and thicknesses that appear to have the potential to form a mineable resource

Work Completed

Work was carried out between August 10 and August 17, 2001 by a crew of two geologists and two field assistants (see Appendix "B") Work included spot check mapping, prospecting and rock chip, soil and silt sampling The work focused on Lower Earn Group stratigraphy and, in particular, known barite occurrences

Figure 4 shows the traverses completed and the sample locations Plan A (Pocket) shows the property geology adapted from Roberts (1974) and modified from Roots et al (1995) and the work of this program

Results

The results below are described on the basis of the specific areas investigated Plan 1 (Pocket) shows the entire property with generalized geology and locations of traverses, geology stations and key zones that received detailed attention

Summary of Traverses

One day was spent examining the geology and vein showings in the central part of the property, including P-2, P-3 and P-6 (Traverse 11) Little mineralization is evident in bedrock, as most trenches and pits have sloughed in However, the style of mineralization is evident in numerous float boulders The veins in these three key showing areas are more or less aligned and in close spatial association with the thrust fault that superimposes Hyland Group carbonates, shales and quartzites, over Earn Group and, to the north, possibly also younger Jones Lake Formation shales and siltstones

Two days were spent on the north side of Plata Peak (Traverses 12 and 13) examining stratiform barite occurrences and related Earn Group stratigraphy Additional traverses were made to more widely dispersed parts of the property including Johnny Creek (Traverse 14B) and Red Creek (Traverse 14A) that drains into Johnny Creek from Mt Aho to the west, the southern portion of the property (Traverses 15B and 16A), the P-4 and P-3 Vein Zones (Traverse 15A) and the eastern portion of the property towards the Inca showings (Traverse 16B) However, none of the Inca showings were visited during this program

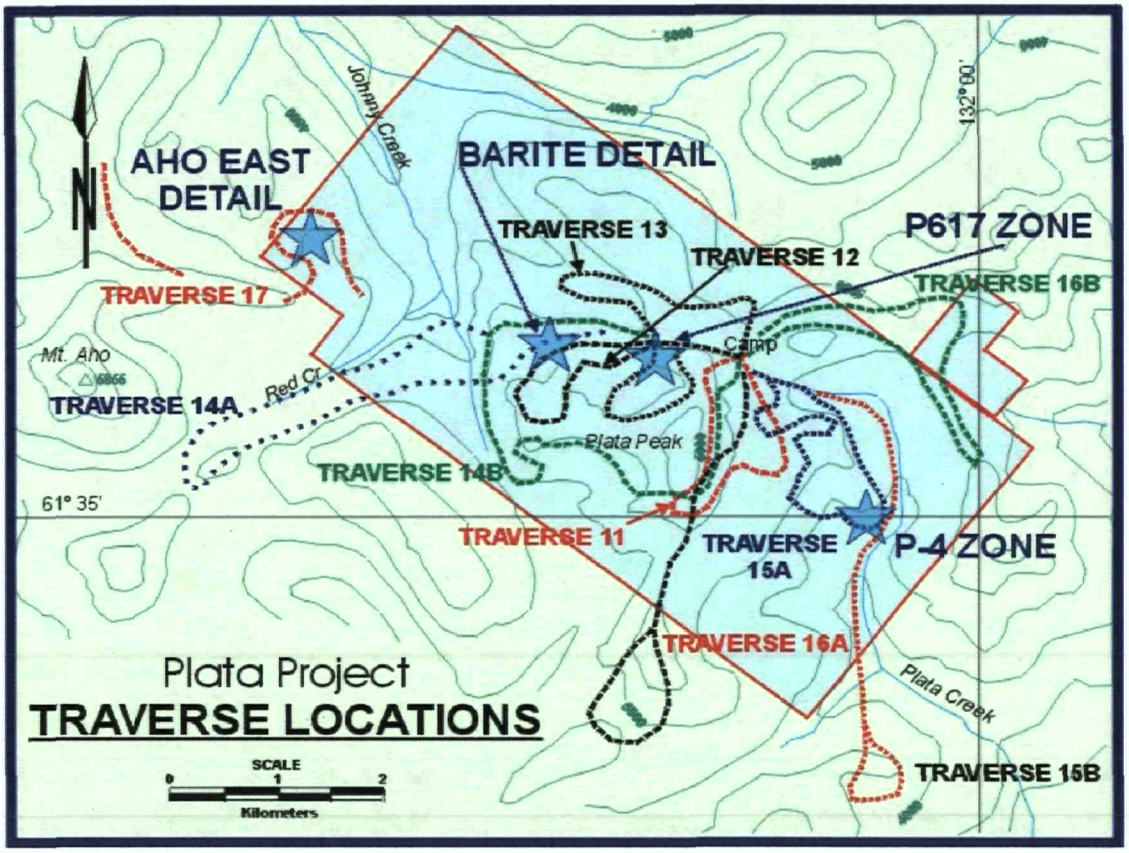

Figure 3. Traverses and location of detail map areas.

On the final day (Traverse 17), the area north of Mt. Aho was investigated.

P-617 Zone:

This covers an area immediately northwest of the P-6 showing and through the P-17 showing. P-6, as noted above, is a high grade vein showing. P-17 is likely an extension of P-6, but trenching on the hillside has failed to encounter a bedrock source. Float boulders of quartz-carbonate vein material are probably locally derived. Summary results are shown on Figure 6.

The host rock for this zone is Earn Group chert and shale with at least two horizons of barite and baritic shale. The southern barite horizon is thinly laminated and up to 4 m thick. Adjacent to this zone is a distinctive nodular barite horizon in cherty shale. A second barite horizon to the north is not exposed in outcrop but can be traced by float in trenches. It is locally pyritic, although this may be secondary, related to the vein mineralization that it appears to parallel. The Earn Group strata are cut by the quartz-feldspar porphyry dike that also roughly parallels the stratigraphy.

Soil geochemistry, both from the current program and from previous grid sampling, has defined a very strong anomaly that appears to outline the surface trace of an apparent vein. Silver values are up to 20 ppm (up to 40 ppm in previous grid sampling) while lead values range up to 2,200 ppm. The linear nature of this anomaly is more evident in the earlier work, which included sampling on a more regular and detailed grid pattern but included silver and gold analyses only.

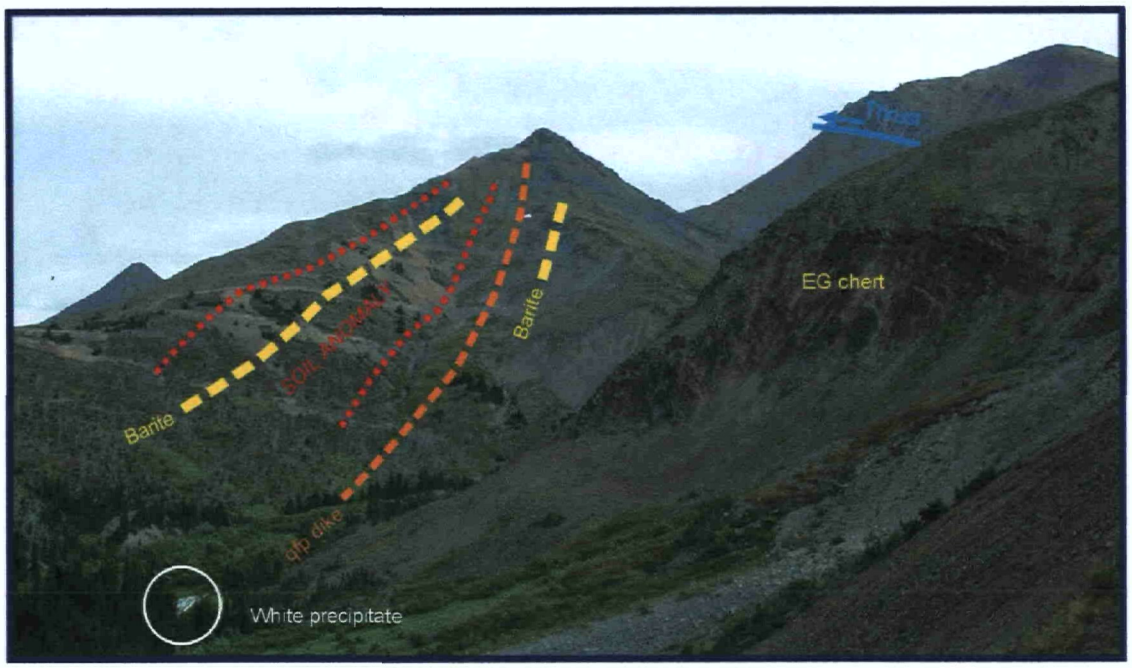

Figure 4. P-617 Zone with Earn Group shale and chert cliffs in the foreground; thrust sheet of Hyland Group carbonates, shale and quartzite on Plata Peak upper right background.

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Where the P-6 vein has been exposed by trenching, a high grade lens was sampled and shown to contain 1196 gm silver/tonne (35.2 oz silver/ton) over an average 1.6 m width along a strike length of approximately 30 m. This occurrence is just east of the top of Peak P-6. Since the vein strikes northwesterly and dips 40° to 50° to the southwest, it presents a relatively easy drill target from existing roads on the west and northwest side of P-6 Peak. If high grades are reasonably continuous within the structure, the P-617 Vein has the potential is to develop a significant resource of high grade silver and possibly gold mineralization.

A second possibility is that since the geochemical anomaly appears to parallel a baritic horizon, it reflects a Sedex source. Since there is no evidence of Sedex mineralization on the hillside and zinc values are low relative to silver and lead in the soils, this interpretation is less likely than the vein interpretation.

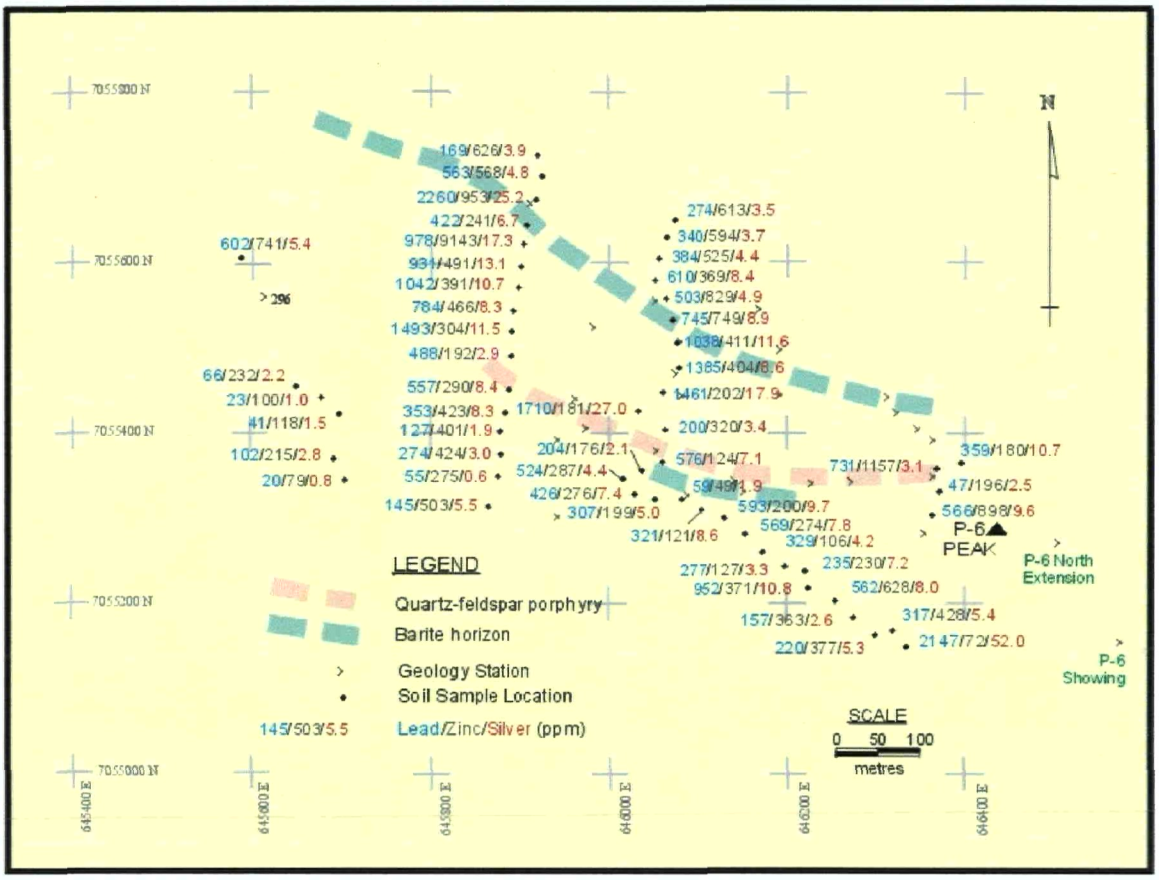

Figure 5. Geology and sample results, P-617 Zone.

Barite Zone

A stratabound barite horizon has been known on the north side of Plata Peak for some time. This horizon is up to 25 m thick and it appears to pinch out to the west and be cut off by a fault to the east (see Figure 8). It occurs within a sequence of siliceous shales of the Earn Group and is immediately underlain by a thick sequence of black chert. Above the occurrence is a thrust sheet of Hyland group limestone, quartzite and shale.

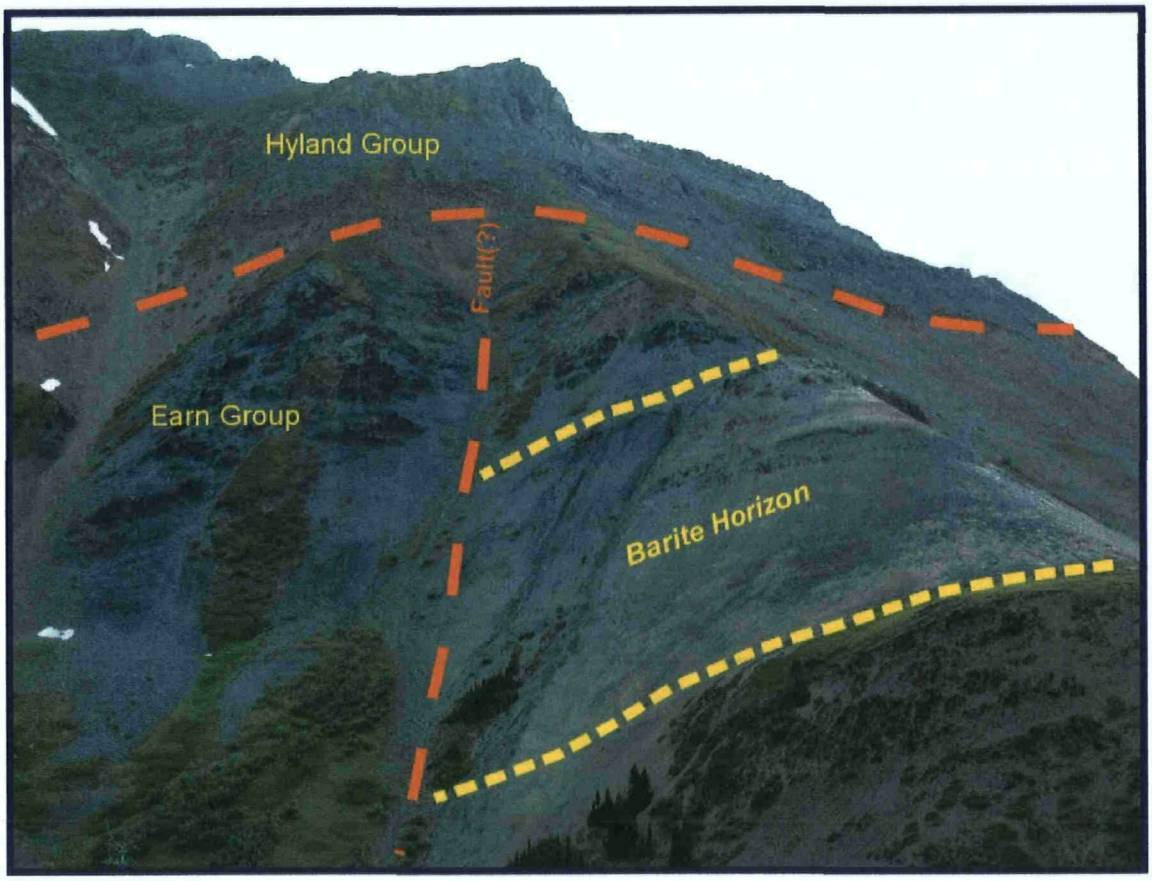

Figure 6. Earn Group barite underlain by chert. Lower portion is pure barite; upper portion is interbedded shale and barite, capped by thrust sheet of Hyland Group carbonates.

A number of rock chip samples and the two soil profiles failed to detect anomalous base metals or silver associated with the barite. However, one strongly anomalous soil at the end of a line suggests possible metal enrichment in what is probably a recessive shale unit below the cliff-forming black chert. A similar stratigraphic and geochemical pattern appears to be developing in the Mt. Aho area. Further soil sampling on the lower slopes in this area will be necessary to define this anomaly.

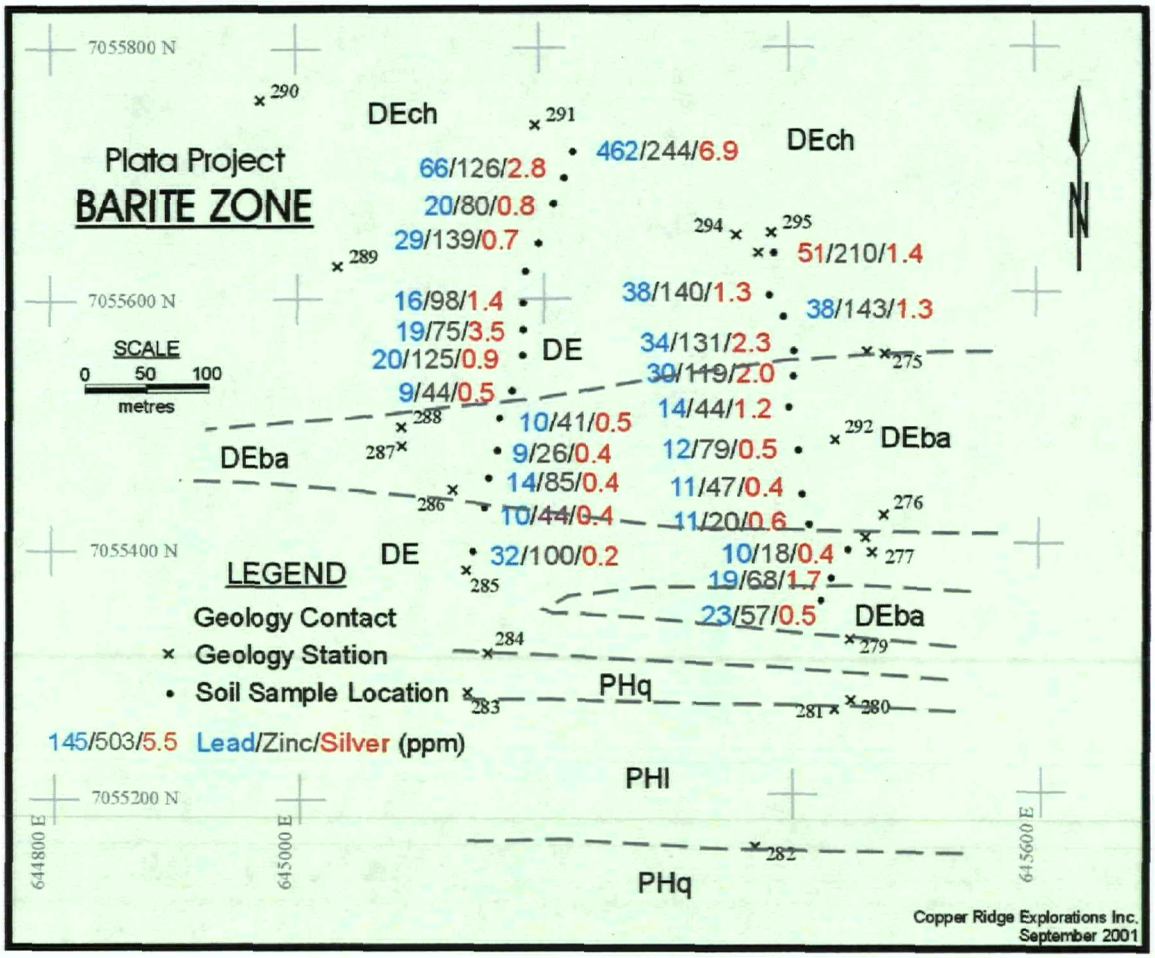

Figure 7. Geology and sampling detail, Barite Zone.

South Johnny Creek

A traverse was made through South Johnny Creek up to the P-2SW Zone, principally to closely examine prominent outcrops in an area mapped as Earn Group interbedded shale and chert (Roberts, 1974). Low in the drainage close to he confluence with Red Creek is a thick sequence of grey to black shales with sparse barite nodules. Southwest of Plata Peak on a shoulder above Johnny Creek Hyland Group limestone is in fault contact with Earn Group interbedded shale and chert. The fault trace is poorly exposed however appears to dip relatively steeply (approximately 45°) to the southwest. Of interest in relation to possible Sedex mineralization is a thin (<50cm) chert horizon or pod with barite nodules. The barite occurrence (14,169ppm Ba) lies near a contact between chert and shale and in close proximity to the contact with the limestone unit. Two short, separate soil lines were established. One traversed from the chert, including the portion with barite nodules, through a shale sequence to the limestone. The second traversed from a chert sequence through a recessive shale sequence to a further chert sequence. On both soil lines the samples were strongly anomalous in barium with values up to 2093 ppm Ba as well as elevated zinc, copper, arsenic and antimony values.

Red Creek Zone

Historical sampling in this drainage (G. Carlson, unpublished data) had demonstrated anomalous metal values west of Red Creek associated with a thick accumulation of black shales and the chert pebble conglomerate occurrence that forms the bulk of Mt. Aho. In addition, the creek has numerous metal-rich seeps that result in extensive deposits of ferricrete and red staining of the stream banks.

Red Creek appears to separate the geology of the area into two distinct packages. On the east, most of the steep ridge above the creek is Earn Group chert and siliceous shale. Further to the south, these are underlain(?) by a sequence of chert pebble conglomerate (up to 200 m thick), followed by shale, locally baritic and then, across a probable fault contact, into Hyland Group shales and quartzites.

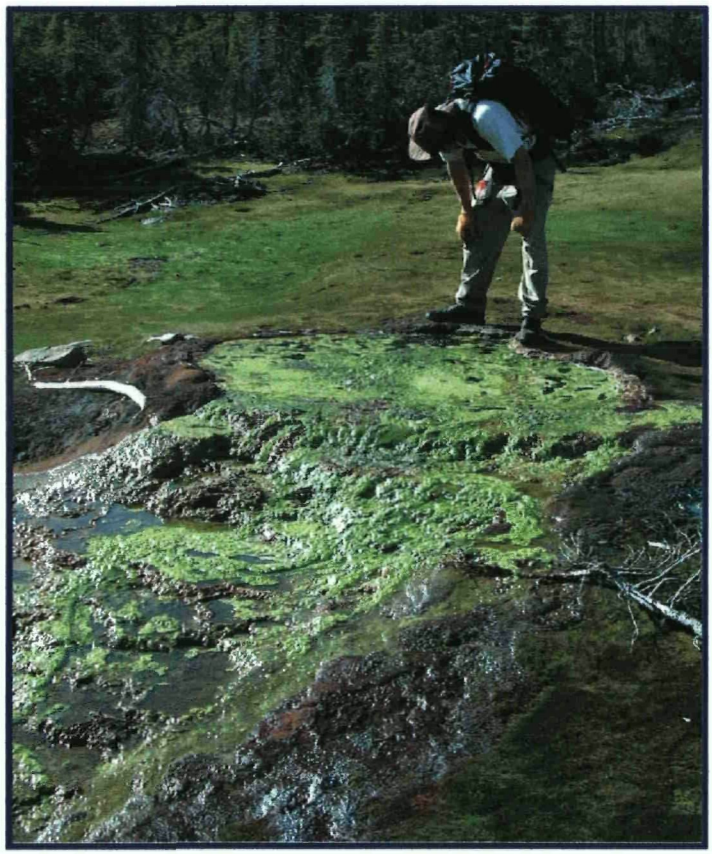

Figure 8. Metal-rich ferricrete spring with distinctive green algae.

The same sequence is repeated on the west side of the creek, except that the chert is confined to the northernmost part of the section (see Aho Peak Zone). For most of the length of the creek, the section consists of predominantly shale, sometimes strongly graphitic, with minor chert and siliceous sections. To the south is a thick succession of chert pebble conglomerate that makes up the most of Mt. Aho. Metal-rich seeps appear to be derived principally from this section and, in particular, from the contact zone between the shale and chert pebble conglomerate.

Stream sediments and soil samples collected from the upper part of this traverse are slightly to moderately anomalous in silver, lead, zinc and barite, particularly a gravelly creek draining from

the base of Mt. Aho (2.9 ppm silver, 148 ppm lead). The indications are from this traverse that the more favourable geology for Sedex-style mineralization, as indicated by thickening of shale and coarse clastic sequences within the Earn Group, is to the west.

Figure 9. Thick section of metal-rich Earn Group shale west of Red Creek.

P-4 Zone

Only a cursory examination of P-4 and adjacent P-3 were conducted during the current program. However, a significant amount of previous work is recorded, including surface sampling, 401 m in 6 core holes in 1970, 670 m in 15 core holes in 1987 and 16 short rotary drill holes in 1988. Records from the earliest drilling are missing.

Figure 10. Area of P-4 Vein with Plata Creek and road to airstrip in right background.

This vein is not typical of most of the known showings at Plata in that it has a higher silver to lead ratio and higher gold. The vein is dominated by arsenopyrite and tetrahedrite, with lesser galena and sphalerite, suggesting that it formed at higher temperature and is perhaps closer to the source of hydrothermal fluids.

The vein occurs along the thrust fault, dipping 35° to 40° to the south, that separates Earn Group shale from overlying Hyland Group shale and quartzite. The P-3 Zone appears to be an extension of this fault and vein system to the west and north, although it is not well exposed.

The P-4 Zone (Figure 12) appears to have the best economic potential of the known vein systems because of its continuity. Surface sampling of the main vein exposure produced an average of 2,065 gm silver/tonne (50.5 oz/ton) over an average width of 0.85 m along a strike length of 120 m. Expanding to an average 2 m width, this would give a minimum 877 gm silver/tonne. Core drilling results were significantly lower, due at least in part to poor core recovery, from 20% to 80%, through the vein zone (see Table III, below). The reverse circulation program was concentrated in a small area just below the vein outcrop zone (see Figure 12). From thirteen vein intercepts, the average grade was 659 gm silver/tonne, 3.3 gm gold/tonne, 3.54% lead and 1.89% zinc over an average of 1.7 m (see Table IV, below). This average closely matches the values from the surface channel samples and suggests that the earlier core drilling may have discounted the metal values in the vein due to poor core recovery.

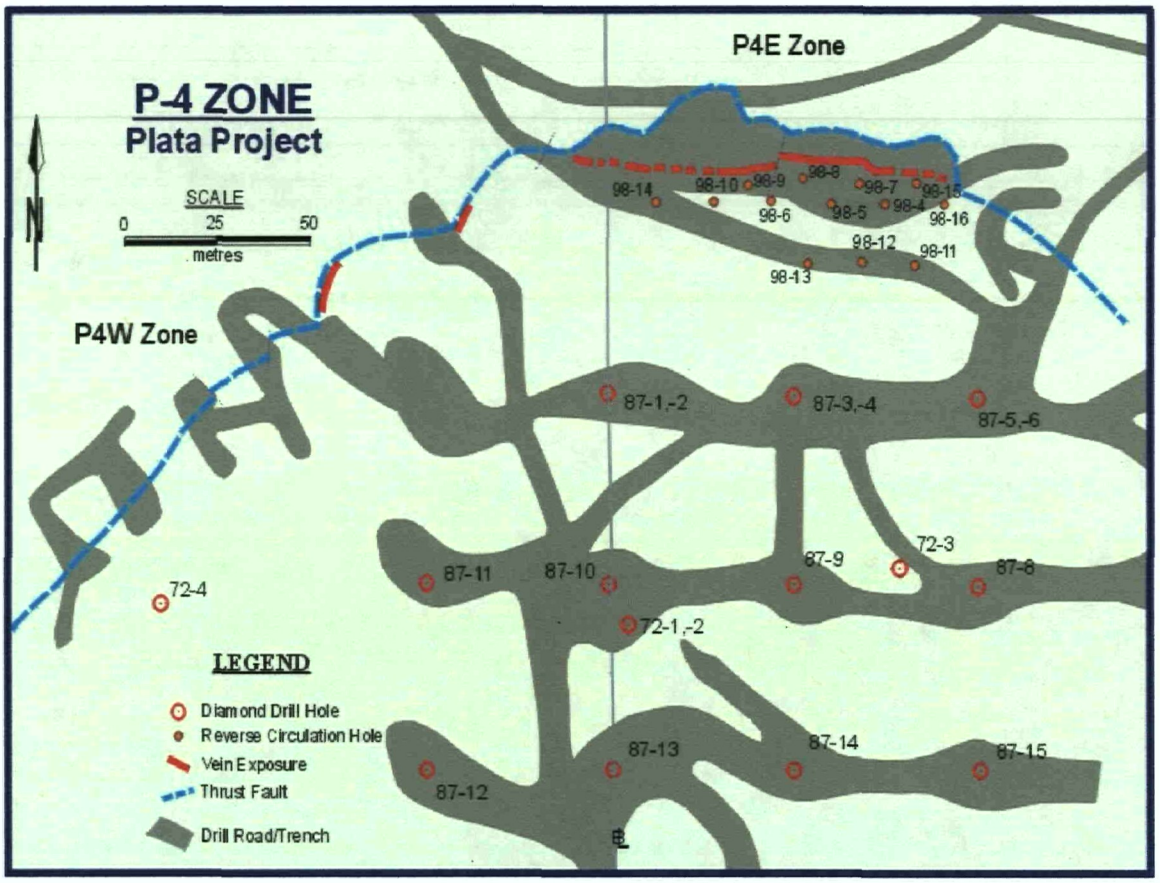

Figure 11. P-4 Vein surface exposure and drill hole locations.

Table III
P-4 Zone – 1987 Core Drilling Summary

Hole No.	From (m)	To (m)	Width (m)	Silver (g/tonne)	Gold (g/tonne)	Lead (%)	Zinc (%)
87-1	19.0	21.3	2.3	177	3.22	2.39	0.05
87-2	25.6	28.6	3.0	264	5.61	1.92	1.07
87-3	26.4	29.6	3.2	39	3.17	0.24	0.14
87-4	33.0	34.6	1.6	2827	3.65	2.21	6.17
87-5	28.2	28.7	0.5	291	4.80	5.52	5.82
87-6	31.5	32.5	1.0	125	0.96	2.31	1.60
87-8	42.9	43.3	0.4	290	6.45	5.60	1.96
87-9	42.8	43.7	0.9	121	3.53	2.50	1.35
87-10	38.1	41.0	2.9	108	6.69	0.82	1.55
87-11	46.3	49.3	3.0	301	0.41	0.80	0.46
87-12	61.3	62.0	0.7	6	3.84	0.03	0.04
87-13	51.2	52.5	1.3	123	3.70	0.56	1.85
87-14	53.6	57.5	3.9	154	3.25	2.23	3.47
87-15	66.5	67.0	0.5	3	0.14	0.03	0.01
Average			1.9	337	3.65	1.59	1.70

Table IV
P-4 Zone – 1998 Rotary Drilling Summary

Drill Hole	From (m)	To (m)	Width (m)	Silver (g/tonne)	Gold (g/tonne)	Lead (%)	Zinc (%)
RDH-98-04	11.6	12.8	1.2	320	2.80	1.59	2.23
RDH-98-05	9.1	12.2	3.0	895	2.85	5.55	1.58
RDH-98-06	9.1	10.7	1.5	236	3.95	0.25	0.04
RDH-98-07	4.0	6.7	2.7	1204	2.84	6.68	1.98
RDH-98-08	2.4	4.6	2.1	673	4.30	4.74	0.12
RDH-98-09	4.6	7.6	3.0	430	4.20	1.81	1.62
RDH-98-10	9.8	10.7	0.9	505	4.10	1.21	0.04
RDH-98-11	19.5	21.0	1.5	129	2.90	0.95	2.30
RDH-98-12	20.1	21.0	0.9	471	3.45	2.41	3.22
RDH-98-13	20.1	21.0	0.9	668	2.60	2.00	6.30
RDH-98-14	7.3	8.5	1.2	1700	4.48	7.53	2.96
RDH-98-15	3.0	5.5	2.4	348	1.91	1.29	0.85
RDH-98-16	10.7	11.7	1.1	646	3.01	5.22	6.00
Average			1.7	659	3.30	3.54	1.89

Additional reverse circulation drilling is required over a greater portion of the vein to confirm continuity of high grade mineralization within the structure. Ultimately, however, it will be necessary to bulk sample the vein from underground or perhaps with large diameter core to provide a more certain confirmation of grades and thicknesses.

P-2 Zone

This vein provided most of the high grade direct-shipping ore in the past (see Table I). An adit designed to intersect the vein 100 m below surface encountered the structure but did not hit ore grades. A subsequent interpretation suggests that the ore shoot rakes to the south and thus was missed in the underground workings. If an effort was being made to establish a high grade, underground mining operation at Plata, this hypothesis should be tested by drilling because of the potential for very high grades over good widths established from the surface mining at P-2.

In terms of potential, the entire structure from P-2 through the original P-1 Zone and through to P-6 and P-617 (this report) could represent a single vein system, some two and a half km in length, with the potential for ore shoots throughout. None of this strike length has been tested by drilling.

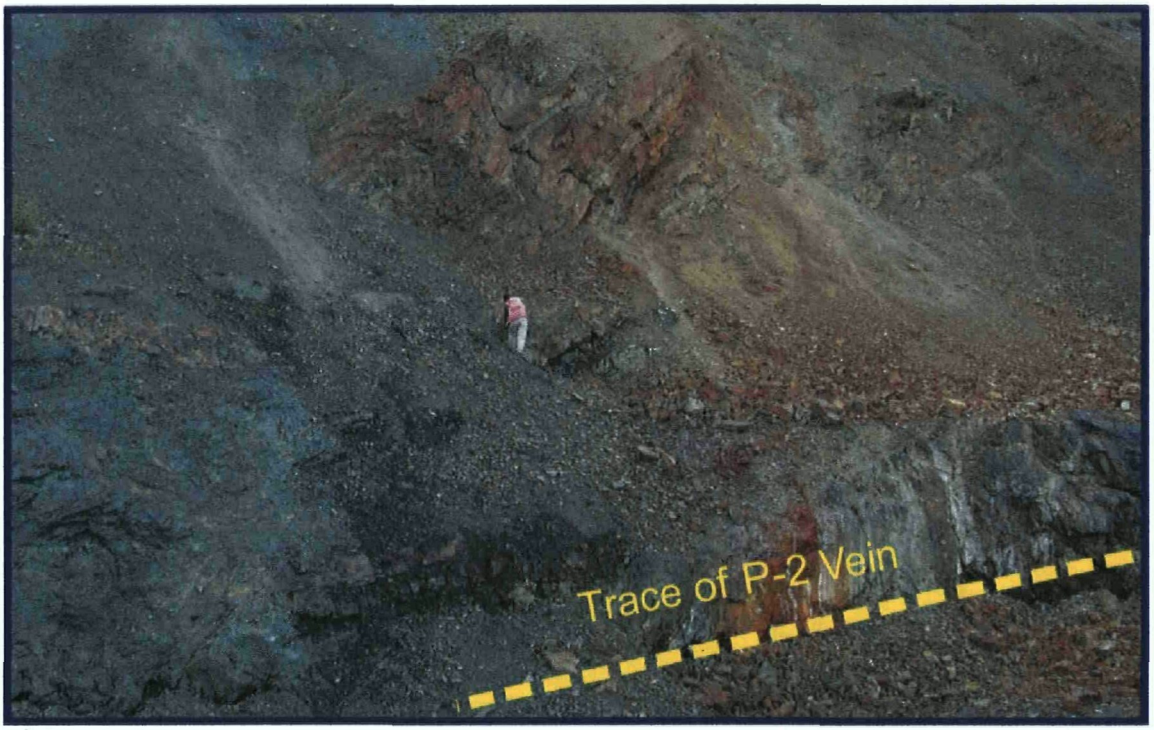

Figure 12. Mark Fields examines hangingwall stratigraphy, P-2 Vein.

South Plata

Two traverses were made to the far south portion of the Plata claim group. One was to examine a barite occurrence that was noted on the eastern slope of the southern terminus of the baseline on the 4431 peak. The second was to traverse a long ridge extending to the southeast from Plata Peak past the P-2 Zone.

The northern slope of the 4431 peak is a sequence of alternating shale and chert typical of the region On the eastern slope resistive outcrops are light grey to milky white cherts with an attitude generally of approximately 070° to 082° and generally dipping about 50° to the southeast In the cherts well developed jointing is present with an attitude of approximately 015°/72° to 86°W A number of interesting features were noted relative to possible Sedex mineralization Within the cherts distinctive barite rosettes up to 8cm in diameter occur over a thickness of a minimum of 15m Abundant barite float occurs on the slope and scattered outcrops of the recessive barite unit are present Where outcrops occur at the chert contact the barite bedding is strongly deformed and elevated zinc, copper, antimony and vanadium values occur The barite is a generally uniform medium grey In contrast to the barite occurrence on the north side of Plata Peak the barite does not have a H_2S odour An incompetent, recessive unit with a black chert groundmass hosts rounded white and grey crystalline barite clasts In an area where this unit outcrops the chert beds below vary in thickness from sets of centimeter thick beds up to in excess of 1m

Two short, separate soil lines were established to traverse from the areas of chert outcrop through the barite zone On both soil lines the samples were strongly anomalous in barium with values ranging from 513 ppm Ba to 3253 ppm Ba Copper, zinc, and lead values were only slightly enriched

To the west, the ridge south of the P-2 showing consists of a monotonous sequence of brown and grey weathering shales with a local accumulation of a pebble conglomerate unit These rocks had previously mapped as Earn Group, but there is no distinctive lithology evident to confirm this At the south end of the traverse, light grey weathering chert of Tsichu Group is succeeded to the south by a cliff-forming black chert horizon, possibly Earn Group, that can be observed striking to the east

Mt. Aho North

A traverse was made using helicopter transport on the north side of Mt Aho This area was known to have Sedex potential from previous work that identified metal-rich stream sediments and soils, including a number of highly acidic drainages and ferricrete occurrences, and barite Some barite occurrences were noted in outcrop and others were indicated by anomalous stream sediments (Carlson, pers com) In addition, there appears to be a significant thickening of Earn Group sediments here, including the thick chert pebble conglomerate of Mt Aho and an equally thick sequence of shale and chert to the north Much of the shale section is graphitic

Resistive outcrop is primarily chert with sparse shale interbeds form cliffs northeast of Mt Aho Individual chert beds are occasionally baritic A chert bed approximately 2m thick with distinctive barite rosettes similar to the occurrence in the South Plata occurs immediately above a shale bed that contains occasional barite nodules

The metal anomalies appear to be related to a recessive, graphitic shale unit that occurs beneath the cliff-forming cherts and that is not well exposed The soil and rock chip samples collected from the Mt Aho North detail area, mainly from over chert horizon, (Figure 14) are uniformly low in base metals Anomalous values in earlier sampling are from lower in the drainages Soil samples collected farther to the west do show significant silver and lead enrichment (up to 10 ppm silver and 105 ppm lead) and appear to reflect anomalous metals from the underlying shales This is in the area of the previously noted barite occurrences

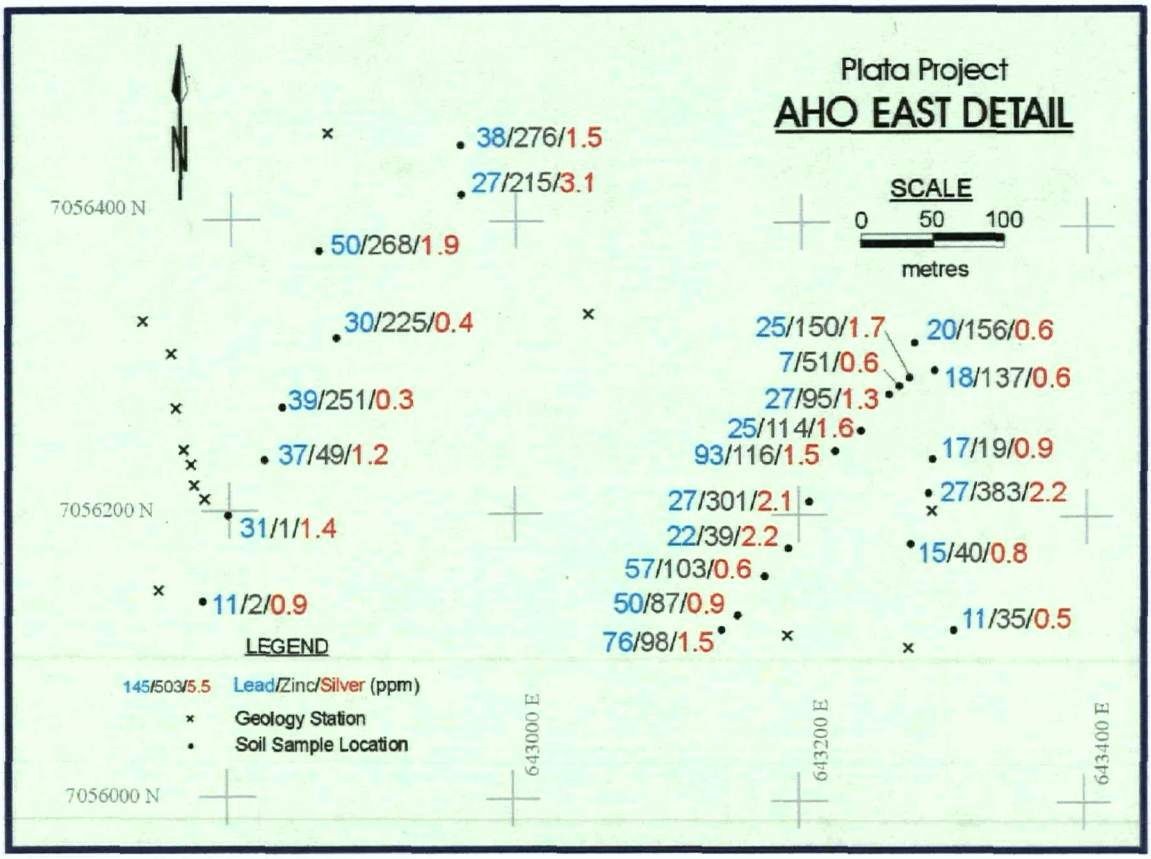

Figure 13. Aho East detail grid.

Discussion

During the current field program, exploration on the Plata property was directed at two distinct styles of mineralization: 1. Sedex or shale hosted silver-lead-zinc and 2. Vein silver-gold with lead-zinc. The following discussion will examine the results and economic potential for each type individually.

Sedex Potential

The type examples of this style of mineralization are the Tom and Jason deposits, located 120 km to the east at MacMillan Pass. These deposits are believed to be formed by hydrothermal fluids venting on the sea floor along the edge of an actively forming graben. Geological evidence for this depositional environment includes rapid facies changes, locally derived coarse clastics and breccias that might indicate growth fault evolution, footwall hydrothermal alteration, including stockwork zones (typically quite subtle) and laterally equivalent hydrothermal facies, in particular stratiform barite. The deposits occur within black shales and shales and related coarser clastic rocks of the lower Earn Group.

At Plata, the high grade veins occur within or in close proximity to the favourable lower Earn Group stratigraphy, suggesting a possible Sedex source for the metals in the high grade silver-lead+/-zinc+/-gold mineralization. Other positive evidence includes a number of stratiform barite and barite rosette in chert occurrences within the lower Earn Group and, in particular to the north, south and particularly to the west of the claims, coarse clastic sediments within the same

stratigraphic interval In particular, a thick succession of chert pebble conglomerate occurs at Mt Aho to the west In this area, the Lower Earn Group appears to be thickened and includes a thick unit of pyritic black shale and barite Elevated values of lead, zinc and silver are noted locally in silts and soils, although the magnitude of these anomalous values is much less than those reflecting the vein mineralization, for example at showing P-6 These values indicate a metal-enriched horizon that might laterally grade into Sedex-style mineralization, but it is does not appear that the values observed so far would be representative of sub-cropping massive sulphide mineralization

High Grade Vein Potential

Selective, high grade mining from the Plata and Inca claim groups has so far been from surface exposures on only a few of the more than forty known showings on the property The continuity of some of the structures hosting this mineralization and the fact that only a few have been tested at depth by drilling suggests that there is potential to establish either open pit or underground reserves of sufficient grade to warrant a small mining operation Two high priority targets have been identified, mostly from previous work on the property, for follow-up exploration These are the P-4 Zone, with possible extensions to the adjacent P-3, and the P-6 Zone

i. P-4 Zone

This is one of the original discoveries and the only one discovered below treeline, but it is distinct from the other zones in that pyrite and arsenopyrite are the dominant sulphide minerals, lead and zinc are typically low and it contains significant gold It also shows good continuity over mineralized widths of 1 5 to over 2 m It has been exposed along surface for over 200 m, with widths ranging from 1 5 to 4 m in surface trenches The vein is comprised of quartz with varying amounts of arsenopyrite, pyrite and lesser galena, tetrahedrite, boulangerite and sphalerite The vein occurs along a thrust plane with shale and quartzite of the Hyland Group overlying Earn Group black shale

The Yukon Minfile quotes a reserve of 450,000 tonnes grading 340 gm silver/tonne and 8 gm gold/tonne while Lueck and Pudar (1996) quote a drill-indicated, open pit reserve of 227,000 tons at 8 6 oz silver/ton, 0 106 oz gold/ton and 2 6% lead No details are provided as to how these calculations were carried out, but they were based on two campaigns of diamond drilling, in 1970(?) and in 1987 Difficulties encountered during all of the core drilling programs have been poor recoveries within the vein zone Although reasonably consistent widths of the vein have been encountered in the drilling, grades have been lower than outcrop grades This may be attributed to the poor core recovery

More recent reverse circulation drilling performed by Alliance Pacific Gold Corp (News Release dated May 7, 1998), over only a small area of the P-4 Zone (see Figure 12), produced an average 653 4 gm silver/tonne and 3 3 gm gold/tonne over an average of 1 8 m in 13 holes Silver values are more than double those values encountered in the core holes, while gold values are the same

The average grades reported from the reverse circulation drilling program would have a good chance of developing into an economic reserve if sufficient tonnage could be discovered Reverse circulation drilling should be utilized over a larger portion of the vein to determine if the higher grades are indeed continuous

The P-4 Zone is open at depth and along strike From the incomplete records of the earlier drill programs that are available, there does appear to be the potential to outline a tonnage on the order of magnitude discussed above A further extension to the east and north, in the area of the P-3 Zone, is also possible, although mineralization observed at surface and in two drill holes suggests lack of continuity in this direction Exposure is poor and more drilling is required here

ii. P-617 Zone

This zone has been exposed on surface just north of Plata Peak with scattered, high grade mineralization The zone continues along a northwesterly trend, north of P-6 Peak, for at least 1,000 m (also known as the P-17 Zone) Only minor indications of mineralization have been exposed in a number of tractor trenches that did not appear to reach bedrock However, a strong, linear soil anomaly defined by silver greater than 20 ppm and lead greater than 500 ppm (see Figure 6), with gold values from previous soil surveys locally in excess of 150 ppb, suggests a potentially significant vein structure in this area Since road access is readily available over much of this area, a reverse circulation drilling program is recommended to test the potential of the P-6 Vein

CONCLUSIONS

The Plata property, located in west central Yukon in the northern part of the Selwyn Basin, was originally staked in the late 1960's as a high grade silver vein project Various work campaigns over the past forty years have focussed on exploring and exploiting these veins High grade, direct shipping production has amounted to over half a million ounces of silver from approximately 3,500 tons of hand sorted ore Drilling, mainly in the P-4 zone, has suggested the potential for several hundred thousand tonnes of material grading in the range of 10 to 20 oz silver per tonne, 0 1 oz gold per tonne plus values in lead and zinc Since the P-4 vein structure dips down slope, at least a portion of this might be open pittable

Other veins on the property, in particular P-2 and P-6, have the potential for the discovery of underground reserves A drift was driven to intersect the P-2 vein at a depth of 110 m below the main surface showing The drift and several drill holes from underground failed to intersect ore grade mineralization Other than this, none of these extensive structures have been tested below surface showings and soil geochemical anomalies

Although the potential for Sedex-style mineralization on the property has been recognized in the past, this is the first documented exploration program to focus on this target The veins occur within or very close to Devonian Earn Group stratigraphy, including black shales and chert and associated stratiform barite occurrences This setting is similar to that at MacMillan Pass, to the east

During the current program, work was focussed on the examination of Earn Group barite occurrences and associated anomalous silver and base metal values in rocks and soils There was little encouragement within the central part of the Plata property, with the exception of an extremely strong soil geochemical anomaly within the P-617 detail area Although this anomaly occurs within the appropriate lower Earn Group stratigraphy and appears to parallel a stratiform barite occurrence, it is more likely reflecting an extension of the P-6 vein zone

The best potential for Sedex style mineralization appears to be on the west side of Plata, extending to the west on the northeast and north of Mt Aho Here, a significant thickening of the Earn Group package is indicated by the large accumulation of chert pebble conglomerate at Mt Aho and a thick section of black shales and chert to the north A number of anomalous silver, lead, zinc and barium anomalies were defined in stream sediments in this area during a previous exploration program The source of these anomalies has not been discovered, but appears to be a recessive shale unit that is very poorly exposed

RECOMMENDATIONS

It is recommended that a preliminary economic analysis be conducted to determine the order of magnitude grade and tonnage that would be required to justify the development of a high grade mining and milling operation on the property If the grades currently established at the P-4 Zone, namely 650 gm silver/tonne and 3 gm gold/tonne, appear to have economic potential, then a program of rotary drilling should be considered to establish resource potential at these grades Three priority targets would be the P-4 Vein, the P-6 Vein and northern extensions (P-617) and, if appropriate drill sites can be established, the P-2 Vein close to its surface expression Since a tractor and rotary drill are currently parked on the property, it is possible that such a program could be carried out quite efficiently

The Sedex target on the west side of the property can be better defined with a soil and detailed mapping grid extending along strike for approximately three km Consideration might also be given to conducting a gravity survey to produce two or three profiles across this stratigraphy where topography permits

LIST OF REFERENCES

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Van Angeren, P , 1986 Plata-Inca Property Summary, Internal company report

SCHEDULE "A"

PROPERTY – LIST OF CLAIMS

Claim Name	Grant Number
PLATA 1-24	Y68588-611
PLATA 25-32	Y68580-587
PLATA 82	Y68678
PLATA 84	Y68680
PLATA 86	Y68682
PLATA 88	Y68684
PLATA 90	Y68686
PLATA 92	Y68688
PLATA 94	Y68690
PLATA 96	Y68692
PLATA 97-112	Y68693-708
PLATA 113-120	Y68773-780
PLATA 122	Y68710
PLATA 124	Y68712
PLATA 126	Y68714
PLATA 128-136	Y68716-724
PLATA 145-152	Y68733-740
PLATA 169-176	Y68781-788
PLATA 177-180	Y68749-752
AG 1-2	YA77403-404
PSW 13-15	YA77159-161
INCA 1	Y68950
INCA 3	Y68952
INCA 4	Y68958
INCA 5	Y68957
INCA 6	Y68960
INCA 7	Y68961
INCA 9	Y68963
INCA 11	Y68965
INCA 13-15	Y68961-969
INCA 19	Y68973
INCA 21	Y68975

SCHEDULE "B"

LIST OF FIELD WORKERS

The following persons were employed in the field during the period August 10 to August 17 2001, inclusive

Gerald G Carlson
1740 Orchard Way
West Vancouver, B C
V7V 4E8

Mark Fields
997 Forest Hill Drive
North Vancouver, B C
V7R 1N4

Joe Clarke
c/o Aurum Geological Consultants Ltd
P O Box 4367
Whitehorse, Yukon
Y1A 3T5

Grant Carlson
1740 Orchard Way
West Vancouver, B C
V7V 4E8

SCHEDULE "C"

STATEMENT OF EXPENDITURES

Description	Amount*
Labour	
Aurum Geological	$ 5,900 00
KGE Management (Carlson)	$ 5,000 00
Copper Ridge (Fields)	$ 3,600 00
Camp Expenses and Supplies	
Camp costs (Aurum)	$ 1,600 00
Supplies (Aurum)	$ 1,847 82
Transportation:	
Truck (Aurum)	$ 300 00
Helicopter (Trans North)	$ 6,520 63
Fixed wing Alkan Air)	$ 2,730 00
Geochemical Analysis:	
Acme Analytical	$ 1615 48
Data Evaluation and Report·	
KGE Management	$ 3,500 00
M Fields	$ 1,200 00
D Makepeace	$ 240 00
Total	**$34,053 93**

* Totals do not include GST

SCHEDULE "D"

SUMMARY FIELD STATIONS AND GEOLOGY

PLATA PROJECT 2001
GPS Waypoints, Station Descriptions and Geology
NAD27

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 267	646811 2	7055563 4	8/11/01 15 23	Camp			Kqfp	
WP 268	646469 4	7055283 6	8/11/01 18 13	Geology			DEch	P-6 Tractor cut, qfp and shear 145-45SW
WP 269	646421 9	7055297 6	8/11/01 18 33	Geology			DEch	P-6 Peak, rusty chert, qtz stkwk
WP 270	646558 2	7055143 5	8/11/01 19 04	Claim Posts				P-6 Claim posts Y68592-95
WP 271	646600 6	7054244 1	8/11/01 20 30	Location				P-3 on old BL
WP 272	646710 1	7054395 8	8/11/01 21 57	Geology			P2 showing	P-2 north end
WP 273	646893 5	7054367 7	8/11/01 22 16	Adit				Adit
WP 274	647216 5	7054472 5	8/11/01 22 47	Geology			P3 showing	P-3 Fe-ox, carb In mar & gn shale
WP 275	645479 0	7055360 2	8/12/01 17 27	Geology			DEba	Barite w/ sil arg below
WP 276	645473 2	7055225 2	8/12/01 17 51	Geology			DEba	Barite, interbedded blk sh above
WP 277	645463 8	7055202 7	8/12/01 18 06	Geology			DEba	Sil arg and barite
WP 278	645464 6	7055196 1	8/12/01 18 19	Geology			DEsh	Barite beds within blk arg
WP 279	645447 4	7055124 7	8/12/01 18 45	Geology			DEsh/ba	U contact ba (115-60S) blk arg above
WP 280	645448 9	7055079 3	8/12/01 18 54	Geology			DEbc	Arg below, qtz grit above (blk clastic?)
WP 281	645433 8	7055071 4	8/12/01 19 07	Geology			PHq/l	Qtzite below, yell weath lmst above
WP 282	645367 7	7054961 2	8/12/01 19 34	Geology			PHl/sh	Gy mass to bedded lmst, gy sh above
WP 283	645138 2	7055096 8	8/12/01 20 14	Geology			PHl	Lmst w/buff weath lmst/sh below

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 284	645155 6	7055117 3	8/12/01 20 34	Geology			PHl	Blk lmst, approx 4 m thick
WP 285	645140 0	7055184 8	8/12/01 20 47	Geology			EGsh	Lmst to blk arg below
WP 286	645129 5	7055246 6	8/12/01 21 01	Geology	Rock	115269	EGsh/ba	Blk arg (110-55S), lam ba below
WP 287	645083 0	7055283 4	8/12/01 21 18	Geology	Rock	115270	EGba	Barite, some interlayered arg
WP 288	645078 0	7055299 9	8/12/01 21 31	Geology	Rock	115271	EGba/sh	Blk arg
WP 289	645033 6	7055431 3	8/12/01 21 42	Geology			EGsh	Gy to brn weath arg
WP 290	644971 1	7055562 0	8/12/01 21 50	Geology			EGsh	Arg scree
WP 291	645198 8	7055541 8	8/12/01 22 03	Geology			EGch	Bk rusty weath cht
WP 292	645438 3	7055283 5	8/12/01 22 48	Geology	Rock	115272	EGsh	Brn weath blk arg (115-45S), interbd slts
WP 293	645458 0	7055358 6	8/12/01 23 10	Geology			EGsh	Bk arg FA 140-20, steep ax pl cl
WP 294	645388 5	7055433 2	8/12/01 23 24	Geology			EGch	Cht (100-25S)
WP 295	645384 7	7055452 2	8/12/01 23 30	Geology			EGch	Fract zone w/qv to 5 cm (20-80W)
WP 296	645561 1	7055621 3	8/12/01 23 44	Geology	Silt	W-296-G		White pasty ppt in side creek
WP 297	645913 1	7055674 6	8/13/01 0 11	Geology	Rock	115273	EMsh	Rst weath blk arg w/+2 m py ba
WP 298	646318 4	7055448 4	8/13/01 16 46	Geology	Rock	115274	EGsh	Nod ba blk arg
WP 299	646327 5	7055431 5	8/13/01 16 57	Geology			EGch	Rst blk cht, some arg
WP 300	646350 9	7055408 6	8/13/01 17 08	Geology	Rock	115275	EGch	Sil blk arg, rsty
WP 301	646370 2	7055395 2	8/13/01 17 19	Geology			EGch	Blk cht, chty arg
WP 302	646367 8	7055353 8	8/13/01 17 28	Geology			Kqfp	Qfp dike - 15 m
WP 303	646358 2	7055285 7	8/13/01 17 44	Geology			EGch	Rsty blk cht, chty arg
WP 304	646275 8	7055348 9	8/13/01 17 55	Geology			Kqfp	Qfp dike (rubble crop)
WP 305	646228 1	7055343 1	8/13/01 18 03	Geology			Kqfp	Qfp dike (jogged to s?)
WP 306	646153 3	7055336 7	8/13/01 18 17	Geology	Rock	115276	EGba	Barite +2 m (105-45S), blk arg below
WP 307	646148 3	7055346 0	8/13/01 18 25	Geology			Kqfp/EGch	Qfp sill, blk cht w/ qvlts below
WP 308	646194 0	7055446 9	8/13/01 18 37	Geology	Rock	115277	EGba/sh	Blk cht, chty arg, rusty py baritic to N, no o/c
WP 309	646193 9	7055501 4	8/13/01 18 53	Geology			EGsh	Rusty qv in bleached arg - ext P-6?
WP 310	646171 0	7055548 2	8/13/01 18 59	Geology			EGsh	Brn weath blk arg (135-75S)
WP 311	646052 7	7055558 9	8/13/01 19 18	Geology	Rock	115278	EGba/sh	Rsty ba 5-8 m in road w/ rusty arg, no o/c
WP 312	646069 1	7055509 4	8/13/01 19 36	Geology			EGsh	End rusty zone blk arg
WP 313	646084 0	7055447 2	8/13/01 19 41	Geology			EGsh	Qv & q healed bx

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 314	646052 3	7055382 3	8/13/01 19 48	Geology			Kqfp/EGch	Qfp - s cont, blk cht above
WP 315	646089 6	7055329 6	8/13/01 20 09	Geology	Rock	115279	EGsh/ba	Ba to 4 m in arg
WP 316	646023 6	7055473 8	8/13/01 20 43	Geology	Rock	115280	EGsh/ba	Ba nod in blk arg, bld of Fe ox q vlts
WP 317	645984 0	7055528 8	8/13/01 21 08	Geology			EGch	Ba in gy arg & blk cht, no o/c
WP 318	645964 5	7055443 5	8/13/01 21 16	Geology			EGsh	Gy weath blk arg
WP 319	645972 7	7055409 8	8/13/01 21 31	Geology			Kqfp/EGch	S cont qfp, to blk cht, chty arg, minor ba float
WP 320	645946 2	7055394 8	8/13/01 21 41	Geology			EGch/sh	Cht to n, gy arg to s (110-75N)
WP 321	645877 9	7055304 3	8/13/01 21 53	Geology			EGsh/ch	Arg-cht FA 110-15
WP 322	645988 6	7055863 0	8/13/01 22 46	Geology			CPsh	Fissile gy weath arg
WP 323	646241 0	7055880 0	8/13/01 23 11	Geology	Silt	W-323-G		Seep, green moss Zn?
WP 324	646316 6	7055839 8	8/13/01 23 19	Geology	Silt	W-324-G		Seep, green moss (less)
WP 325	646523 6	7055806 3	8/13/01 23 29	Geology			EGch/sh	Blk chty arg, minor cht
WP 326	646596 9	7055801 9	8/13/01 23 36	Geology			CPsh	Gy arg, silty arg
WP 327	646675 3	7055754 0	8/13/01 23 39	Geology			??	
WP 328	646699 4	7055848 5	8/13/01 23 50	Geology			P?/CPsh	P-?? 30-90, host arg/sltst (130-45S)
WP 329	647051 8	7055518 9	8/14/01 0 43	Geology			CPsh	Or-brn weath gy sh (105-45S)
WP 330	647214 7	7055350 4	8/14/01 0 53	Geology			CPsh	Minor qvlt float, end rd
WP 331	644128 3	7055689 3	8/14/01 16 27	Location				Nr Johnny Cr & Red Cr
WP 332	643804 6	7055383 2	8/14/01 17 01	Location				Glacial knob
WP 333	643316 1	7055140 8	8/14/01 17 32	Geology			EGch/sh	Cht/arg
WP 334	642862 7	7054846 3	8/14/01 17 55	Geology	Silt	W-334-G	EGch/sh	Cht/chty arg - dry cr, rusty bed above
WP 335	642237 8	7054648 2	8/14/01 18 16	Geology				Algae springs
WP 336	642300 0	7054545 7	8/14/01 18 26	Geology	Silt	W-336-G		Ferricrete under moss
WP 337	642154 1	7054452 4	8/14/01 18 37	Geology	Silt	W-337-G		Top of rusty zone, gravelly cr from w
WP 338	642183 9	7054418 4	8/14/01 18 47	Geology	Silt	W-338-G		Main cr gravelly silt
WP 339	642095 2	7054307 9	8/14/01 19 05	Geology	Rock	115281	EGsh/ba	Baritic(?) arg
WP 340	642083 1	7054282 2	8/14/01 19 16	Geology	Rock	115282	EGsh/ba	Baritic(?) arg, some blk clastic?
WP 341	642102 6	7054321 4	8/14/01 19 22	Geology	Soil	W-341-G		SE bank
WP 342	642094 0	7054300 1	8/14/01 19 31	Geology	Soil	W-342-G		SE bank +20 m
WP 343	642072 2	7054251 8	8/14/01 19 37	Geology	Soil	W-343-G		SE bank +40 m

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 344	642053 9	7054218 1	8/14/01 19 41	Geology	Silt	W-344-G		Main trib gravelly silt
WP 345	642027 3	7053842 2	8/14/01 20 12	Geology			PHsh/q	Mar to gy sh, qtz grit, q vlts
WP 346	642173 9	7054045 7	8/14/01 20 25	Geology			PHq	Grit unit or blk clastic?
WP 347	642295 1	7054137 3	8/14/01 20 34	Geology			PHsh/EGsh	Hy Gp contact, bk arg to n
WP 348	642380 6	7054193 2	8/14/01 20 51	Geology	Silt	W-348-G	EGsh	Silt (dry, fine blk powder)
WP 349	642425 4	7054263 4	8/14/01 20 54	Geology			EGcpc	CPC
WP 350	642442 7	7054292 4	8/14/01 21 04	Geology	Silt	W-350-G		Silt, edge of cpc
WP 351	642478 6	7054337 1	8/14/01 21 04	Geology			EGcpc	CPC
WP 352	642670 3	7054501 3	8/14/01 21 15	Geology			EGcpc/sh	CPC cont blk arg
WP 353	642913 2	7054690 5	8/14/01 21 29	Geology			EGch/sh	Cht/chty arg
WP 354	643018 5	7054779 1	8/14/01 21 44	Geology			EGch	Cht, local yell thin bedded lmst
WP 355	644183 7	7055261 5	8/14/01 22 31	Geology			EGch/sh	Morraine above Johnny Cr
WP 356	644229 9	7055301 3	8/14/01 22 43	Geology			PHq?	Qtz grit (Hy Gp?) to blk arg below
WP 357	644385 1	7055292 2	8/14/01 22 52	Geology				Johnny Cr
WP 358	646818 5	7055562 5	8/15/01 1 33	Camp				Camp
WP 359	647397 4	7055083 6	8/15/01 15 51	Road				Road crosses cr
WP 360	647453 6	7055010 2	8/15/01 15 55	Road				Road waypoints
WP 361	647501 7	7055008 8	8/15/01 15 55	Road				
WP 362	647547 8	7055031 3	8/15/01 15 56	Road				
WP 363	647579 9	7054995 1	8/15/01 15 57	Road				
WP 364	647694 2	7054899 3	8/15/01 16 00	Road				
WP 365	647754 5	7054789 0	8/15/01 16 01	Road				
WP 366	647759 7	7054763 5	8/15/01 16 06	Road				
WP 367	647676 1	7054633 3	8/15/01 16 10	Road				
WP 368	647760 0	7054606 1	8/15/01 16 12	Road				
WP 369	647762 3	7054603 8	8/15/01 16 15	Geology			TJss?	Brn weath, pencil lin, gy sh + sltst
WP 370	647792 0	7054567 4	8/15/01 16 26	Road				
WP 371	647998 9	7054097 7	8/15/01 16 37	Geology			P4/EGch	P-4 e end uppermost trench
WP 372	647865 2	7054037 0	8/15/01 17 58	Drill				Drill, P-4
WP 373	647600 8	7053925 9	8/15/01 18 25	Creek				Creek below P-4

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 374	647449 6	7054005 7	8/15/01 18 40	Geology			HGsh	Hy Gp mar sh + qtzite
WP 375	647445 5	7054152 1	8/15/01 19 04	Geology			HGsh/q	Brn weath Hy Gp
WP 376	647460 4	7054256 9	8/15/01 19 10	Geology			??	
WP 377	647301 0	7054238 2	8/15/01 19 18	Geology			HGsh/q	Hy Gp mar gn gy sh + qtzite & qv (P-3?)
WP 378	647335 6	7054261 9	8/15/01 19 29	Geology			EGsh?	Rsty blk sh/arg - Hy or Earn?
WP 379	647368 3	7054349 6	8/15/01 19 37	Geology			EGsh?	Blk gy & brn shales
WP 380	647391 3	7054394 4	8/15/01 19 43	Geology			EGsh?	Rusty shs w/ q vlts
WP 381	647410 7	7054470 7	8/15/01 20 16	Geology			EGch/sh	Cht/blk arg (90-45S)
WP 382	647440 0	7054478 1	8/15/01 20 19	Geology			EGch/sh	Cht/blk arg (20-55E)
WP 383	647549 9	7054550 2	8/15/01 20 26	Geology			EGbc/ch	Dk gy sli clastic, cht - lots of trenches
WP 384	647665 9	7054544 8	8/15/01 20 35	Geology			TJss	Fissile purp weath brn-gy sh
WP 385	647596 7	7054627 2	8/15/01 20 59	Geology			EGsh/TJss	Contact sh to n, EG grit to s
WP 386	647427 5	7054625 3	8/15/01 21 06	Geology			EGch/sh	Cht/blk arg
WP 387	647450 9	7054639 0	8/15/01 21 13	Geology			EGsh/ba	Nod ba over 40 m
WP 388	647339 4	7054668 5	8/15/01 21 19	Geology			EGsh/TJss	Brn sh to n, blk arg to s
WP 389	647282 8	7054734 1	8/15/01 21 26	Geology			TJss	Thin lam sltst (30-60E)
WP 390	647398 2	7054884 3	8/15/01 21 37	Geology			TJss	Brn & gy sh
WP 391	646942 5	7055031 4	8/16/01 15 37	Geology			TJss	Jones L - brn-gy sh-sltst
WP 392	646887 0	7054967 8	8/16/01 15 50	Geology			EGsh	Contact EG above
WP 393	646698 7	7054906 4	8/16/01 16 02	Geology			EGsh/HGsh	Thrust? EG below, lmst & sh HG above
WP 394	646638 8	7054218 3	8/16/01 16 38	Geology			EGch/sh	EG cht (100-50S) s end P-2
WP 395	646532 8	7054123 6	8/16/01 16 50	Geology			EG?	EG rsty weath sil unit w/ qvlts
WP 396	646614 3	7053982 5	8/16/01 16 58	Geol/Cl Posts			EG?	Fissile brn-gy weath sh, cl Y68604-07
WP 397	646598 5	7053539 5	8/16/01 17 25	Location				
WP 398	646409 4	7053169 2	8/16/01 17 46	Geology			EG?	Conglomerate unit
WP 399	646376 9	7053128 2	8/16/01 17 51	Geology			EG?	Sheared cngl
WP 400	646243 6	7052859 4	8/16/01 18 10	Geology			CPsh	Brn-gy sh
WP 401	646233 5	7052645 8	8/16/01 18 49	Geology			CPch	Gy weath, gy cht
WP 402	646304 0	7052550 3	8/16/01 18 58	Geology			CPch/sh	Cht n & brn sh s
WP 403	646395 7	7052545 6	8/16/01 19 06	Geology			EGch	Cht, poss EG, sh above

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 404	646474 4	7052470 2	8/16/01 19 13	Geology			EGch	Blk cht
WP 405	646395 4	7052379 1	8/16/01 19 31	Geology			EGch	Cht, blk-gy arg - EG?
WP 406	646223 0	7052675 9	8/16/01 20 07	Location				Peak
WP 407	642777 8	7056134 6	8/17/01 15 17	Geology	Soil	W-407-G	EGsh	Blk arg
WP 408	642797 6	7056197 1	8/17/01 15 22	Geology	Soil	W-408-G	EGch/sh	Blk cht, chty arg
WP 409	642866 1	7056275 0	8/17/01 15 31	Geology	Soil	W-409-G	EGch/sh	Cht above, arg below
WP 410	642873 9	7056320 3	8/17/01 15 37	Geology	Soil	W-410-G	CPsh	Gy weath, gy cht
WP 411	642873 3	7056320 8	8/17/01 15 37	Geology	Soil	W-411-G	CPsh	
WP 412	642859 7	7056380 7	8/17/01 15 47	Geology	Soil	W-412-G	CPsh	
WP 413	642860 9	7056425 0	8/17/01 15 53	Geology	Soil	W-413-G	EGch?	
WP 414	642856 8	7056457 8	8/17/01 15 57	Geology	Soil	W-414-G	EGsh	
WP 415	643146 9	7056121 3	8/17/01 16 26	Geology	Soil	W-415-G	EGsh/ch	
WP 416	643156 5	7056139 1	8/17/01 16 32	Geology	Soil	W-416-G		Aho North
WP 417	643177 8	7056162 2	8/17/01 16 35	Geology	Soil	W-417-G		Below all seeps and Zn moss
WP 418	643195 8	7056182 2	8/17/01 16 38	Geology	Soil	W-418-G		Aho North
WP 419	643210 2	7056212 7	8/17/01 16 41	Geology	Soil	W-419-G		Aho North
WP 420	643226 4	7056247 6	8/17/01 16 44	Geology	Soil	W-420-G		Aho North
WP 421	643245 0	7056262 2	8/17/01 16 46	Geology	Soil	W-421-G		Aho North
WP 422	643264 1	7056286 4	8/17/01 16 50	Geology	Soil	W-422-G		Zn moss & ferricrete
WP 423	643270 3	7056290 9	8/17/01 16 53	Geology	Soil	W-423-G		Yellowish ferricrete
WP 424	643272 5	7056295 8	8/17/01 16 58	Geology	Soil	W-424-G		Beside seep
WP 425	643282 0	7056321 3	8/17/01 17 00	Geology	Silt	W-425-G		Aho North
WP 426	643287 3	7056303 0	8/17/01 17 03	Geology	Silt	W-426-G		Cr from e, on moss
WP 427	643286 9	7056242 5	8/17/01 17 07	Geology	Soil	W-427-G		In creek bed
WP 428	643288 1	7056220 5	8/17/01 17 10	Geology	Soil	W-428-G		Aho North
WP 429	643277 6	7056182 3	8/17/01 17 14	Geology	Soil	W-429-G		Aho North
WP 430	643262 1	7056148 1	8/17/01 17 17	Geology	Soil	W-430-G		Aho North
WP 431	643313 6	7056122 3	8/17/01 17 21	Geology	Soil	W-431-G		Aho North
WP 432	640086 2	7055598 7	8/17/01 17 50	Geology	Soil	W-432-G		Aho North
WP 433	640023 9	7055575 0	8/17/01 17 53	Geology	Soil	W-433-G		Aho North

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP 434	639974 6	7055557 2	8/17/01 17 55	Geology	Soil	W-434-G		Aho North
WP 435	639934 2	7055560 2	8/17/01 17 59	Geology	Soil	W-435-G		Aho North
WP 436	639902 9	7055551 1	8/17/01 18 02	Geology	Soil	W-436-G		Aho North
WP 437	639859 8	7055543 2	8/17/01 18 06	Geology	Soil	W-437-G		Aho North
WP 438	639828 7	7055548 4	8/17/01 18 10	Geology	Soil	W-438-G		Aho North
WP 439	639718 2	7055678 8	8/17/01 18 21	Geology	Silt	W-439-G		Aho North
WP 440	639712 7	7055683 3	8/17/01 18 22	Geology	Soil	W-440-G		Aho North
WP 441	639608 2	7055757 7	8/17/01 18 28	Geology	Soil	W-441-G		Aho North
WP 442	639581 8	7056156 9	8/17/01 18 49	Geology	Soil	W-442-G		Aho North
WP 2	645463 3	7055196 0	12/08/01 18 18	Geology			EGba	Barite beds, thin fissile shale below, black carbonaceous shale with barite nodules above
3	645487 0	7055045 1	12/08/01 18 54	Geology			HGlst	Lmst, massive, fresh surface is grey, weathers pale yellow ot ornage-brown
WP	645128 0	7055228 0		Geology	Rock	W-04-M	EGsh	GPS recorded but not saved Shale with pale white barite nodules
WP 4	644839 3	7055086 1	12/08/01 21 37	Geology			HGlst	Lmst, massive, fresh surface is grey
WP 5	644757 4	7055153 0	12/08/01 21 45	Geology			EGsh	Shale, finely laminated, rare barite nodules
6	644761 7	7055338 7	12/08/01 22 05	Geology			EGsh	Shale, finely laminated
WP	645527 0	7055107 0		Geology			EGsh	GPS point recorded, but not saved Black carbonaceous shale
7	645613 1	7055103 6	12/08/01 23 37	Geology			EGsh	Black carbonaceous shale
WP	645627 0	7055086 0		Geology			EGsh	GPS point recorded, but not saved Black carbonaceous shale 114/20S
WP 8	645751 6	7055065 6	12/08/01 23 59	Geology	Rock	W-08-M	?	Float, QZ with diss PY and PO
WP 9	646216 9	7055024 8	13/08/01 17 44	Geology			HGlst	Lmst, brecciatted
WP 10	646217 0	7055012 8	13/08/01 17 53	Geology			HGlst	Lmst, massive, at anticline axis, 30 towards 164
WP 11	646484 7	7054968 9	13/08/01 18 26	Geology			HGch	Chert, grey on fresh surface, weathers bright orange-brown Bedding 90/75N, pronounced fracture 160/70S

Waypoint		Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP	12	646484 4	7054971 3	13/08/01 18 40	Geology	Rock	W-12-M	HGch	Chert, grey on fresh surface, weathers orange-brown, slightly baritic Pronounced fracture 156/30S
WP	13	646105 3	7054797 6	13/08/01 19 29	Geology			HGlst	Limestone
WP	14	646167 2	7054930 9	13/08/01 19 39	Geology			HGlst	Bedding 106/58S, Lst, interbedded with finely laminated shale, minor quartzite
WP	15	646142 7	7054929 8	13/08/01 19 49	Geology	Rock	W-15-M	HGsh	Pyritic shear 6 to 10cm wide in finely laminated shale
WP	16	646081 2	7054858 7	13/08/01 20 10	Geology	Rock	W-16-M	EGsh	Shale, fissile, bedding 115/28S
WP	17	645936 0	7054910 1	13/08/01 20 52	Geology	Soil	W-17-M		Base of black shale, broken cliffs
WP	18	645816 2	7054980 6	13/08/01 21 20	Geology			EGch	Chert, black, avg 4-8 cm thick beds
WP	19	645775 1	7055022 4	13/08/01 21 34	Geology	Silt	W-19-M		Bright orange stained creek running through cherts
WP	20	645741 9	7054897 6	13/08/01 21 53	Geology			HGlst	
WP	21	645749 4	7055937 0	13/08/01 22 43	Geology			JLsh	Finely laminated
WP	22	645527 1	7056076 4	13/08/01 22 57	Geology			JLsh	
WP	23	644744 7	7056593 0	13/08/01 23 36	Geology			JLsh	Bedding 083/62S
WP	24	644804 8	7056707 7	13/08/01 23 59	Geology			JLsh	
WP	25	644994 9	7056644 6	14/08/01 0 12	Geology	Rock	W-25-M	JLsh	Possibly slightly baritic
WP	26	645019 0	7056642 1	14/08/01 0 21	Geology	Rock	W-26-M	JLsh	Possibly slightly baritic
WP	27	644331 7	7055675 8	14/08/01 16 25	Geology	Rock	W-27-M	EGsh(?)	Shale to argillite, rare barite nodules Bedding 085/85N Roots suggest HG
WP	28	644459 1	7055160 9	14/08/01 17 25	Geology			EGsh(?)	Shale to argillite, rare barite nodules Roots suggest HG
WP	29	644507 8	7055091 9	14/08/01 17 38	Geology			QZ	QZ vein, about 10m thick, orientation 015/steep
WP	30	644795 7	7054477 8	14/08/01 18 42	Geology			EGch	Beds generally 2-5cm thick, bedding 102/56S
WP	31	645136 2	7054504 7	14/08/01 19 19	Geology				Barite float
WP	32	645266 6	7054538 8	14/08/01 19 36	Geology			EGch	Bedding 158/74E
WP	33	645361 2	7054574 3	14/08/01 20 40	Geology			EGch/sh	Contact (strike 120) of chert and shale
WP	34	645375 9	7054625 8	14/08/01 20 46	Geology			EGsh/HGlst	Contact (strike about 65, dip to SW roughly 45) of shale and limestone

Waypoint		Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP	35	645349 3	7054572 6	14/08/01 21 06	Geology	Rock	W-35-M	EGch/ba	Barite nodules in chert Unit bedding is 094/40S
WP	36	645295 0	7054442 0	14/08/01 21 39	Geology			EGch	W35 to W36 primarily chert, some interbedded shales
WP	37	645276 2	7054405 2	14/08/01 21 44	Geology			EGsh	W36 to W37 shale bench
WP	38	645248 1	7054372 2	14/08/01 21 48	Geology			EGch	W37 to W38 chert slope
WP	39	645218 7	7054337 9	14/08/01 21 51	Geology			EGsh	W37 to W38 shale saddle
WP	40	645194 4	7054299 7	14/08/01 21 59	Geology			EGch	W39 to W40 chert
WP	41	646727 5	7055125 6	15/08/01 0 50	Geology	Rock	W-41-M	JLch/sh	Black shale, trace PY At contact with chert above Stream is clear in cherts, turns bright orange immediately in shale
WP	42	648052 0	7051774 2	15/08/01 18 26	Geology			EGch	
WP	43	648076 9	7051652 6	15/08/01 18 42	Geology			EGsh	Shale, finely laminated, bedding 078/30S
WP	44	648083 0	7051618 2	15/08/01 18 49	Geology			EGch	
WP	45	648057 4	7051601 5	15/08/01 18 52	Claim Posts				Metal tags WH 1 2, 72
WP	46	648178 3	7051382 0	15/08/01 20 01	Geology			EGch	
WP	47	648173 8	7051387 2	15/08/01 20 13	Geology	Rock	W-47-M	EGba	Barite, variably cloloured, trace PY General bedding is 090/64S
WP	48	648177 0	7051370 6	15/08/01 20 21	Geology	Rock	W-48-M	EGch/ba	Chert with barite rosettes Distinctive unit Avg barite rosette is about 4cm diameter, up to 8cm Bedding is 082/48S Prominent jointing 016/86W
WP	49	648155 3	7051348 7	15/08/01 20 46	Geology			EGch/ba	Chert with barite rosettes
WP	50	648141 5	7051347 4	15/08/01 20 51	Geology	Rock	W-50-M	EGch	Float, extensive Incompetent unit Black chert groundmass with rounded lst (?) clasts Weathers to a pebbly surface Perhaps indicative of facies changes occurring?
WP	51	648047 1	7051329 8	15/08/01 21 19	Geology	Rock	W-51-M	EGba	Float over entire area is medium grey barite Does not smell H2S
WP	52	648041 2	7051306 8	15/08/01 21 24	Soil line				Start of second soil line
WP	53	648169 2	7051308 6	15/08/01 21 37	Geology			EGch	Bedding 100/74S Jointing 018/72W

Waypoint		Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP	54	648297 1	7051403 7	15/08/01 22 20	Geology			EGch	Same as W50, here it outcrops Below are chert beds from 1m plus to sets of thinner beds 5cm thick Bedding 070/52SE , jointing 14/78W
WP	55	647030 1	7055583 7	16/08/01 15 23	Geology			CPsh	Thinly laminated, talus slope
WP	56	647015 0	7055836 2	16/08/01 15 36	Geology	Soil	W-56A-M	CPsh	Grey shale, clear creek
WP	56	647015 0	7055836 2	16/08/01 15 36	Geology	Soil	W-56B-M	CPsh	Black shale, creek turns bright ornage at contact
WP	57	647121 2	7055769 9	16/08/01 16 08	Geology			Float	Chert , brecciatted, galena veinlet along fracture plane, micro QZ veins
WP	58	647153 6	7055713 3	16/08/01 16 23	Geology	Rock	W-58-M	Float	As per W57
WP	59	647195 0	7055672 1	16/08/01 16 36	Geology			CPsh	Thinly laminated sahle Bedding 166/56W
WP	60	647368 5	7055667 0	16/08/01 17 24	Geology			CPsh	Thinly laminated shale Bedding 124/46SW
WP	61	647404 6	7055628 6	16/08/01 17 37	Geology	Rock	W-61-M		Dike (?) Extensive float, siliceous grey groundmass, Qz veins, cubic PY
WP	62	647469 8	7055670 5	16/08/01 17 57	Geology			CPsh/ch	Shale-chert contact
WP	63	647650 7	7055655 0	16/08/01 18 04	Geology			CPsh/ch	W62 to W+J26663 chert Shale-chert contact
WP	64	647822 6	7055585 8	16/08/01 18 13	Geology			CPsh	Shale Bedding 107/80S
WP	65	648766 9	7054209 0	16/08/01 20 06	Geology			CPsh	Shale Bedding 110/68S
WP	66	648803 8	7054065 3	16/08/01 20 13	Claim Posts				Post no 1, Y68697 Post no 2, Y68695
WP	67	648800 1	7054025 6	16/08/01 20 17	Geology			CPch	
WP	68	648783 2	7053999 0	16/08/01 20 23	Geology			CPsh/ch	Contact
WP	69	648839 0	7053860 4	16/08/01 20 40	Geology			CPsh	Shale, marroon red and green Bedding 116/36S
WP	70	648808 4	7053955 3	16/08/01 20 57	Geology			CPqz	Quartzite from just beyond W-69 to here This is in saddle, most likely point of thrust mapped by Roberts, 1974
WP	71	648325 0	7055574 5	16/08/01 22 17	Geology			CPsh	As per W59, W60
WP	72	648356 5	7055642 4	16/08/01 22 24	Geology			CPsh	Bedding 118/52S
WP	73	648388 1	7055970 1	16/08/01 22 42	Geology			CPsh	
WP	74	642757 3	7056146 2	17/08/01 15 20	Geology			EGch	
WP	75	642792 2	7056211 9	17/08/01 15 26	Geology			EGch	Well developed fold hinge, 08 towards 130
WP	76	642783 3	7056219 2	17/08/01 15 29	Geology			Egch/sh	Interbedded cherts and shales Bedding 119/50S
WP	77	642781 8	7056230 5	17/08/01 15 32	Geology			EGsh	Shales, finely laminated

Waypoint		Easting	Northing	Date & GMT	Type	Sample	Number	Geology	Description
WP	78	642777 7	7056243 5	17/08/01 15 35	Geology				Dike Siliceous medium to light grey, crosscutting QZ veins (<1cm) Dike orientation is 120/60SW
WP	79	642772 4	7056272 0	17/08/01 15 44	Geology			Egch/sh	Mixed shales and chert
WP	80	642770 0	7056309 0	17/08/01 15 53	Geology	Rock	W-80-M	EGch	Chert, baritic Bedding 071/22S
WP	81	642749 7	7056327 8	17/08/01 16 03	Geology	Rock	W-81-M	EGch/ba	Chert with barite rosettes as per W-48-M Rosettes not as well developed as W-48-M Unit thickness about 2m Bedding 118/33S Jointing 010/80W
WP	81	642749 7	7056327 8	17/08/01 16 03	Geology	Rock	W-81B-M	EGsh	Shale with barite nodules
WP	82	642876 8	7056456 9	17/08/01 16 34	Geology			EGsh/ch	From W81 to W82 primarily thin bedded shales, occasional barite nodules, some cherts, a siliceous dike
WP	83	643062 9	7056334 2	17/08/01 16 49	Geology			EGsh/ch	From W82 to W83 primarily shales, occasional barite nodules, minor cherts
WP	84	643202 5	7056110 1	17/08/01 16 59	Geology			EGsh	Shale with possible barite nodules
WP	85	643299 8	7056109 7	17/08/01 17 06	Geology				Float, very weathered barite
WP	86	639644 2	7055630 0	17/08/01 18 17	Geology	Soil	W-86-M		Brown-yellow soil from sidecut near stream
WP	87	639585 5	7055588 0	17/08/01 18 19	Geology	Soil	W-87-M		Yellow-white paste in creek bed
WP	88	639345 4	7056227 3	17/08/01 18 46	Geology	Rock	W-88-M	EGba	Bedded barite
	CA MP	646813 2	7055560 5	11/08/01 15 39	Geology				
WP									
WP		645422 9	7055152 9	12/08/01 18 30	Geology	Soil	A01-01		Barite Detail Begin line 1
WP		645434 1	7055175 6	12/08/01 18 41	Geology	Soil	A01-02		Barite Detail area
WP		645446 5	7055197 1	12/08/01 18 50	Geology	Soil	A01-03		Barite Detail area
WP		645413 6	7055217 7	12/08/01 19 01	Geology	Soil	A01-04		Barite Detail area
WP		645409 0	7055240 8	12/08/01 19 08	Geology	Soil	A01-05		Barite Detail area
WP		645405 9	7055279 0	12/08/01 20 00	Geology	Soil	A01-06		Barite Detail area

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number Geology	Description
WP	645398 6	7055311 0	12/08/01 20 12	Geology	Soil	A01-07	Barite Detail area
WP	645401 0	7055335 6	12/08/01 20 18	Geology	Soil	A01-08	Barite Detail area
WP	645400 5	7055356 6	12/08/01 20 24	Geology	Soil	A01-09	Barite Detail area
WP	645394 8	7055383 2	12/08/01 20 29	Geology	Soil	A01-10	Barite Detail area
WP	645383 3	7055401 3	12/08/01 20 37	Geology	Soil	A01-11	Barite Detail area
WP	645377 5	7055433 9	12/08/01 20 52	Geology	Soil	A01-12	Barite Detail – End line 1
WP	646245 3	7054138 5	14/08/01 23 22	Geology	Soil	AAA	
WP	646483 7	7054229 1	15/08/01 0 04	Geology	Soil	AAB	
WP	648201 3	7054023 9	15/08/01 16 02	Geology	Soil	AAC	
WP	645224 5	7055516 7	12/08/01 21 26	Geology	Soil	B01-01	Barite Detail – begin line 2
WP	645216 6	7055496 6	12/08/01 21 31	Geology	Soil	B01-02	Barite Detail area
WP	645208 9	7055473 5	12/08/01 21 39	Geology	Soil	B01-03	Barite Detail area
WP	645198 6	7055441 9	12/08/01 21 43	Geology	Soil	B01-04	Barite Detail area
WP	645189 1	7055422 3	12/08/01 21 53	Geology	Soil	B01-05	Barite Detail area
WP	645185 0	7055395 8	12/08/01 22 03	Geology	Soil	B01-06	Barite Detail area
WP	645187 5	7055376 1	12/08/01 22 10	Geology	Soil	B01-07	Barite Detail area
WP	645183 0	7055352 6	12/08/01 22 21	Geology	Soil	B01-08	Barite Detail area
WP	645176 4	7055327 1	12/08/01 22 27	Geology	Soil	B01-09	Barite Detail area
WP	645163 7	7055301 4	12/08/01 22 34	Geology	Soil	B01-10	Barite Detail area
WP	645161 6	7055278 0	12/08/01 22 44	Geology	Soil	B01-11	Barite Detail area
WP	645157 3	7055256 2	12/08/01 22 49	Geology	Soil	B01-12	Barite Detail area
WP	645151 5	7055231 4	12/08/01 22 54	Geology	Soil	B01-13	Barite Detail area
WP	645142 5	7055194 5	12/08/01 22 59	Geology	Soil	B01-14	Barite Detail – end line 2
WP	648186 9	7051399 2	15/08/01 20 09	Geology	Soil	BA-01	South Plata Start of first soil line, barite zone at SE end of baseline
WP	648170 8	7051382 3	15/08/01 20 17	Geology	Soil	BA-02	South Plata
WP	648144 9	7051378 1	15/08/01 20 20	Geology	Soil	BA-03	South Plata
WP	648124 4	7051371 7	15/08/01 20 28	Geology	Soil	BA-04	South Plata
WP	648105 6	7051367 3	15/08/01 20 32	Geology	Soil	BA-05	South Plata
WP	648078 6	7051364 2	15/08/01 20 40	Geology	Soil	BA-06	South Plata
WP	648050 6	7051361 7	15/08/01 20 47	Geology	Soil	BA-07	South Plata

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number Geology	Description
WP	648019 0	7051365 6	15/08/01 20 57	Geology	Soil	BA-08	South Plata
WP	648045 4	7051313 0	15/08/01 21 19	Geology	Soil	BA-09	End of first soil line
WP	648077 0	7051310 9	15/08/01 21 27	Geology	Soil	BA-10	Start of second soil line, barite zone at SE end of baseline
WP	648111 5	7051316 7	15/08/01 21 31	Geology	Soil	BA-11	South Plata
WP	648133 8	7051312 3	15/08/01 21 35	Geology	Soil	BA-12	South Plata
WP	648168 3	7051317 5	15/08/01 21 41	Geology	Soil	BA-13	South Plata
WP	648205 6	7051313 3	15/08/01 21 47	Geology	Soil	BA-14	South Plata
WP	648225 0	7051331 5	15/08/01 21 52	Geology	Soil	BA-15	South Plata
WP	648251 6	7051361 5	15/08/01 21 58	Geology	Soil	BA-16	End of second line
WP	646389 8	7055363 7	13/08/01 17 06	Geology	Soil	C01-01	P-617 - Line 1
WP	646366 8	7055352 5	13/08/01 17 15	Geology	Soil	C01-02	P-617 Detail area
WP	646356 4	7055330 5	13/08/01 17 27	Geology	Soil	C01-03	P-617 Detail area
WP	646357 3	7055300 0	13/08/01 17 40	Geology	Soil	C01-04	P-617 Detail area
WP	646330 6	7055143 8	13/08/01 18 07	Geology	Soil	D01-01	P-617 – Begin line 2
WP	646319 1	7055167 8	13/08/01 18 15	Geology	Soil	D01-02	P-617 Detail area
WP	646296 1	7055158 3	13/08/01 18 20	Geology	Soil	D01-03	P-617 Detail area
WP	646267 1	7055180 9	13/08/01 18 25	Geology	Soil	D01-04	P-617 Detail area
WP	646248 0	7055202 2	13/08/01 18 33	Geology	Soil	D01-05	P-617 Detail area
WP	646216 5	7055214 5	13/08/01 18 37	Geology	Soil	D01-06	P-617 Detail area
WP	646210 9	7055237 0	13/08/01 18 42	Geology	Soil	D01-07	P-617 Detail area
WP	646193 4	7055241 0	13/08/01 18 45	Geology	Soil	D01-08	P-617 Detail area
WP	646167 6	7055262 5	13/08/01 18 50	Geology	Soil	D01-09	P-617 Detail area
WP	646150 6	7055278 5	13/08/01 18 55	Geology	Soil	D01-10	P-617 Detail area
WP	646126 3	7055296 5	13/08/01 19 00	Geology	Soil	D01-11	P-617 Detail area
WP	646101 3	7055308 6	13/08/01 19 04	Geology	Soil	D01-12	P-617 Detail area
WP	646076 5	7055320 0	13/08/01 19 13	Geology	Soil	D01-13	P-617 Detail area
WP	646046 3	7055321 0	13/08/01 19 45	Geology	Soil	D01-14	P-617 Detail area
WP	646023 2	7055331 3	13/08/01 19 51	Geology	Soil	D01-15	P-617 Detail area
WP	646011 2	7055343 3	13/08/01 20 03	Geology	Soil	D01-16	P-617 Detail area

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number Geology	Description
WP	646034 2	7055352 7	13/08/01 20 08	Geology	Soil	D01-17	P-617 Detail area
WP	646052 8	7055365 0	13/08/01 20 14	Geology	Soil	D01-18	P-617 Detail area
WP	646056 8	7055407 0	13/08/01 20 23	Geology	Soil	D01-19	P-617 Detail area
WP	646076 0	7055422 3	13/08/01 20 28	Geology	Soil	D01-20	P-617 Detail area
WP	646081 3	7055445 9	13/08/01 20 34	Geology	Soil	D01-21	P-617 Detail area
WP	646074 1	7055475 5	13/08/01 20 38	Geology	Soil	D01-22	P-617 Detail area
WP	646072 6	7055501 8	13/08/01 20 44	Geology	Soil	D01-23	P-617 Detail area
WP	646069 8	7055528 6	13/08/01 20 50	Geology	Soil	D01-24	P-617 Detail area
WP	646060 0	7055556 8	13/08/01 20 55	Geology	Soil	D01-25	P-617 Detail area
WP	646050 1	7055575 5	13/08/01 21 08	Geology	Soil	D01-26	P-617 Detail area
WP	646053 5	7055604 4	13/08/01 21 21	Geology	Soil	D01-27	P-617 Detail area
WP	646061 0	7055628 1	13/08/01 21 20	Geology	Soil	D01-28	P-617 Detail area
WP	646072 1	7055646 0	13/08/01 21 19	Geology	Soil	D01-29	P-617 – End line 2
WP	645922 4	7055721 1	13/08/01 21 49	Geology	Soil	E-01	P-617 – Begin line 3
WP	645924 8	7055697 3	13/08/01 21 56	Geology	Soil	E-02	P-617 Detail area
WP	645917 2	7055672 4	13/08/01 21 59	Geology	Soil	E-03	P-617 Detail area
WP	645907 9	7055642 0	13/08/01 22 02	Geology	Soil	E-04	P-617 Detail area
WP	645905 2	7055618 5	13/08/01 22 07	Geology	Soil	E-05	P-617 Detail area
WP	645901 0	7055594 4	13/08/01 22 10	Geology	Soil	E-06	P-617 Detail area
WP	645897 4	7055568 5	13/08/01 22 16	Geology	Soil	E-07	P-617 Detail area
WP	645892 3	7055541 3	13/08/01 22 25	Geology	Soil	E-08	P-617 Detail area
WP	645889 9	7055517 9	13/08/01 22 33	Geology	Soil	E-09	P-617 Detail area
WP	645890 3	7055486 2	13/08/01 22 48	Geology	Soil	E-10	P-617 Detail area
WP	645884 7	7055450 0	13/08/01 22 52	Geology	Soil	E-11	P-617 Detail area
WP	645880 9	7055422 9	13/08/01 23 01	Geology	Soil	E-12	P-617 Detail area
WP	645875 2	7055402 3	13/08/01 23 03	Geology	Soil	E-13	P-617 Detail area
WP	645876 3	7055373 6	13/08/01 23 06	Geology	Soil	E-14	P-617 Detail area
WP	645871 1	7055347 6	13/08/01 23 09	Geology	Soil	E-15	P-617 Detail area
WP	645859 8	7055313 6	13/08/01 23 13	Geology	Soil	E-16	P-617 – End line 3
WP	645700 6	7055345 2	13/08/01 23 30	Geology	Soil	F-01	P-617 – Begin line 4
WP	645688 0	7055369 8	13/08/01 23 33	Geology	Soil	F-02	P-617 Detail area

Waypoint	Easting	Northing	Date & GMT	Type	Sample	Number Geology	Description
WP	645695 6	7055419 8	13/08/01 23 41	Geology	Soil	F-03	P-617 Detail area
WP	645675 1	7055442 2	13/08/01 23 46	Geology	Soil	F-04	P-617 Detail area
WP	645646 1	7055453 4	13/08/01 23 49	Geology	Soil	F-05	P-617 Detail area
WP	645643 7	7055515 6	13/08/01 23 55	Geology	Soil	F-06	P-617 Detail area
WP	645589 0	7055605 2	14/08/01 0 05	Geology	Soil	F-07	P-617 – End line 4
WP	645371 5	7054570 0	14/08/01 20 38	Geology	Soil	G-01	P-617 – Begin line 5
WP	645372 9	7054592 2	14/08/01 20 46	Geology	Soil	G-02	P-617 Detail area
WP	645369 2	7054551 3	14/08/01 20 50	Geology	Soil	G-03	P-617 Detail area
WP	645374 9	7054619 2	14/08/01 21 01	Geology	Soil	G-04	P-617 Detail area
WP	645375 3	7054645 0	14/08/01 21 06	Geology	Soil	G-05	P-617 – End line 5
WP	645296 1	7054436 0	14/08/01 21 43	Geology	Soil	H-01	Start of soil line, above Johnny Ck
WP	645284 4	7054417 6	14/08/01 21 48	Geology	Soil	H-02	Johnny Cr
WP	645266 6	7054399 4	14/08/01 21 52	Geology	Soil	H-03	Johnny Cr
WP	645252 6	7054385 0	14/08/01 21 59	Geology	Soil	H-04	Johnny Cr
WP	645233 9	7054360 8	14/08/01 22 03	Geology	Soil	H-05	Johnny Cr
WP	645217 9	7054339 7	14/08/01 22 07	Geology	Soil	H-06	Johnny Cr
	645203 4	7054318 7	14/08/01 22 12	Geology	Soil	H-07	End of soil line, above Johnny Ck

SCHEDULE "E'

SUMMARY GEOCHEMISTRY

PLATA PROJECT 2001
GPS Waypoints and Summary Geochemistry
NAD2
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Waypoint		Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
WP	296	0 2	4	31	21	12	39 12	45	160	1 5	0 2	0 6	< 5	< 1	< 1	2 27	8
WP	300	1 0	19	1226	60	319	0 07	4	84	0 5	7 5	0 9	< 5	< 1	< 1	3 83	< 1
WP	323	2 6	87	170	294	167	2 02	15	25	0 9	0 6	1 7	< 5	< 1	< 1	0 07	3
WP	324	6 8	327	937	265	722	2 85	49	48	2 3	1 2	3 7	< 5	< 1	< 1	0 13	3
WP	325	3 5	40	171	257	290	8 83	44	137	31 5	0 7	5 4	< 5	1	< 1	0 51	2
WP	337	2 9	148	240	742	329	2 87	95	88	5 5	1 4	7	< 5	< 1	< 1	0 08	< 1
WP	338	1 0	37	270	237	829	4 03	25	88	4 5	1 1	3 9	< 5	< 1	< 1	0 03	< 1
WP	339	1 5	59	299	941	1375	4 68	46	99	9 3	1 7	4	1	< 1	< 1	0 09	2
WP	341	2 4	49	431	283	2574	7 2	34	246	8 9	1 9	7 4	< 5	< 1	1	0 03	1
WP	342	1 1	32	255	136	1195	4 42	20	120	5 3	0 8	4 5	< 5	< 1	< 1	0 02	1
WP	343	0 6	22	152	57	667	3 79	15	67	3 9	0 3	2 8	< 5	< 1	< 1	0 02	1
WP	344	0 4	40	183	304	1119	4 19	17	54	4 3	1 2	1 9	< 5	< 1	< 1	0 04	1
WP	348	0 5	11	128	98	89	1 08	7	61	4 6	1	3 7	< 5	< 1	< 1	< 02	< 1
WP	350	0 5	10	128	92	96	1 03	7	58	4 6	1 1	3 8	< 5	< 1	< 1	< 02	< 1
WP	407	0 9	11	2	780	5	0 18	3	6	7 8	< 2	4 8	< 5	< 1	< 1	0 07	< 1
WP	408	1 4	31	1	209	3	0 2	13	8	5	< 2	7 6	< 5	< 1	< 1	0 02	< 1
WP	409	1 2	37	49	198	83	4 18	64	24	19 1	< 2	10 5	< 5	< 1	< 1	0 05	4
WP	410	0 3	39	251	202	72	4 38	30	230	6	1 1	2 3	1	< 1	< 1	0 02	1
WP	411	0 4	30	225	297	257	4 68	26	196	5 7	1 3	2 4	0 8	< 1	< 1	0 03	2
WP	412	1 9	50	268	559	251	5 77	124	143	11 2	0 7	16 3	0 7	< 1	< 1	0 26	4
WP	413	3 1	27	215	199	162	5 11	71	80	50 3	0 6	19 7	< 5	1	2	0 45	4
WP	414	1 5	38	276	552	200	5 95	152	106	26 9	0 7	21 5	0 5	< 1	1	0 21	4

Waypoint		Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
WP	415	1 5	76	98	1161	352	2 97	98	43	25 2	0 4	19 9	< 5	< 1	1	0 16	3
WP	416	0 9	50	87	1140	220	3 11	90	33	19	0 3	12 3	< 5	< 1	1	0 11	3
WP	417	0 6	57	103	1479	307	2 9	55	29	14 6	0 8	10 2	< 5	< 1	1	0 13	3
WP	418	2 2	22	39	1117	113	2 54	60	34	35 2	< 2	13 4	< 5	1	1	0 17	4
WP	419	2 1	27	127	301	128	4 45	119	106	104 6	0 7	21 3	< 5	1	2	0 33	4
WP	420	1 5	93	116	693	158	3 76	322	59	41 7	0 6	20 6	< 5	< 1	1	0 21	2
WP	421	1 6	25	114	2003	731	4 38	28	80	14 8	0 6	9 7	< 5	< 1	1	0 1	2
WP	422	1 3	27	95	1760	277	3 41	31	53	17 8	0 4	6 6	< 5	< 1	1	0 11	4
WP	423	0 6	7	51	33	20	30 36	261	7	16 3	2 9	13 5	< 5	< 1	2	2 51	2
WP	424	1 7	25	150	979	228	5 45	28	54	15 4	0 7	6 5	< 5	< 1	2	0 22	3
WP	425	0 6	20	156	1421	360	2 93	27	37	13 4	1 1	8 2	< 5	< 1	1	0 12	2
WP	426	0 6	18	137	1789	429	2 86	26	44	12	1 1	8 9	< 5	< 1	< 1	0 1	1
WP	427	0 9	17	19	577	24	0 86	11	9	10 3	< 2	4 2	< 5	< 1	1	0 08	2
WP	428	2 2	27	383	1535	195	1 91	28	43	8 6	4 1	8 1	< 5	1	2	0 18	3
WP	429	0 8	15	40	1595	53	1 62	32	18	19 5	< 2	6 5	< 5	< 1	1	0 11	4
WP	430	0 5	11	35	1558	35	0 97	17	14	13 5	< 2	3 8	< 5	< 1	1	0 07	4
WP	431	1 3	33	89	348	171	4 64	353	104	63 4	1 4	39 2	< 5	< 1	4	0 35	10
WP	432	0 9	29	51	220	109	2 63	33	32	34 8	< 2	4 7	< 5	< 1	1	0 11	4
WP	433	2 1	26	56	173	154	2 51	23	38	26 3	< 2	4 5	< 5	1	1	0 06	3
WP	434	1 3	49	64	317	149	3 68	34	53	38 8	< 2	4 5	0 5	1	1	0 09	7
WP	435	0 6	18	26	277	28	1 19	16	15	24 3	< 2	4 4	< 5	< 1	< 1	0 08	2
WP	436	1 7	53	51	205	94	2 94	31	40	40 7	< 2	6 5	< 5	1	1	0 08	3
WP	437	2 7	44	46	175	96	3 38	31	36	34	< 2	5 7	< 5	1	1	0 1	4
WP	438	10 0	86	45	636	54	4 23	37	46	60 6	< 2	7 8	0 7	3	2	0 27	6
WP	439	6 4	65	38	302	85	3 31	32	39	43 4	< 2	5 2	0 8	3	3	0 12	7
WP	440	7 0	105	58	628	99	6 15	94	53	112 8	< 2	12 5	1 1	5	3	0 25	8
WP	441	0 3	14	17	93	21	0 93	11	21	12 8	< 2	1 5	< 5	< 1	< 1	0 03	1
WP	442	0 2	9	16	131	60	0 35	6	14	8 7	< 2	1 4	< 5	< 1	< 1	0 02	< 1
WP		0 3	4	62	1483	12	2 22	45	41	29 9	0 6	2 7	< 5	< 1	1	0 05	4
WP	8	0 1	6	67	50	47	2 71	16	17	3 2	1 8	1 9	< 5	1	< 1	1 55	1
WP	12	< 1	17	21	550	889	2 93	5	15	1	< 2	< 5	< 5	< 1	< 1	0 31	1
WP	15	< 1	10	27	28	45	4 53	9	18	1 7	< 2	0 7	< 5	< 1	1	3 13	< 1

Waypoint		Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
WP	16	0 1	12	2677	74	633	3 3	9	22	2 6	3 5	1 4	0 6	< 1	< 1	1 46	< 1
WP	17	8 3	40	178	226	219	16 39	204	126 5	79	0 4	20 5	< 5	1	2	0 61	3
WP	19	2	36	2293	138	499	21 06	286	46 4	803	36 1	11 9	< 5	<1	1	0 86	5
WP	26	< 1	14	114	1411	267	4 17	10	31	1 1	0 2	0 5	0 5	1	1	0 05	5
WP	27	0 4	19	135	405	95	4 01	15	48	1	0 2	< 5	< 5	1	1	0 15	2
WP	34	0 7	5	63	14169	39	1 93	72	41	15 2	1 6	1	0 5	1	< 1	< 02	4
WP	41	4 5	54	56	94	24	1 9	26	24	1 4	< 2	8 3	< 5	< 1	1	0 85	1
WP	47	1 5	3	300	11539	15	0 93	36	96	16 5	1 8	32 1	< 5	< 1	2	< 02	3
WP	48	1 2	4	17	267	28	1 44	14	28	4 8	< 2	2 9	< 5	< 1	< 1	0 26	1
WP	50	1 9	2	73	7924	12	0 69	28	48	7	0 9	21 2	< 5	1	< 1	< 02	1
WP	51	0 1	< 2	2	1576	1	0 04	2	2	1 3	< 2	< 5	< 5	< 1	< 1	0 05	< 1
WP	56	15 6	727	477	696	198	6 24	58	3 3	63	0 6	11 4	< 5	< 1	< 1	0 28	1
WP	56	12 2	2317	451	1519	220	6 18	65	12	51	2 3	28 3	< 5	< 1	< 1	0 12	1
WP	58	109 8	7856	5323	1400	19979	9 52	159	303	0 6	35 5	60 8	< 5	2	4	0 09	< 1
WP	61	2 2	105	811	40	10875	14 64	15	33	< 2	3 3	< 5	< 5	< 1	< 1	1 81	1
WP	80	0 1	9	45	883	60	0 68	12	28	1 8	0 2	2	< 5	< 1	1	0 09	1
WP	81	0 1	2	32	143	45	1 37	11	14	4 8	< 2	2 2	< 5	< 1	< 1	0 37	1
WP	81	1 9	8	39	255	17	2 35	50	49	9 9	0 4	9 5	< 5	2	< 1	0 21	4
WP	84	0 1	6	45	488	27	1 35	23	22	12 1	< 2	3 9	< 5	< 1	2	0 12	1
WP	85	< 1	< 2	23	735	6	1 82	134	41	19 9	0 9	15 1	< 5	< 1	2	0 07	1
WP	86	1 3	33	74	349	111	9 8	37	121	23 9	< 2	3 5	< 5	1	1	0 44	8
WP	87	0 4	24	16	36	15	21 87	2030	10	106 2	< 2	3 3	< 5	< 1	4	2 35	10
WP	88	< 1	< 2	14	1202	4	0 22	14	10	2 9	< 2	1 2	< 5	< 1	1	0 05	1
A-01		0 5	23	57	606	105	2 27	25	30	15 9	0 4	4 6	< 5	< 1	2	0 26	1
A-02		1 7	19	68	107	28	3 57	73	43	53 4	0 3	13 9	< 5	1	3	0 78	3
A-03		0 4	10	18	632	11	1 62	32	34	21 3	< 2	3 7	< 5	< 1	1	0 18	1
A-04		0 6	11	20	394	12	1 66	33	36	25 9	< 2	5 1	< 5	< 1	2	0 28	1
A-05		0 4	11	47	401	21	2 67	53	51	27 4	< 2	4 1	< 5	1	2	0 29	2
A-06		0 5	12	79	251	64	3 16	56	59	28 7	0 3	6 2	< 5	1	2	0 37	2

Waypoint	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
A-07	1 2	14	44	523	20	2 1	44	37	21 7	0 2	8 8	< 5	2	2	0 21	1
A-08	2	30	119	1172	119	2 56	48	38	16 4	1 4	11 7	< 5	3	1	0 13	2
A-09	2 3	34	131	1135	173	2 58	52	42	17 8	1 4	11 3	< 5	2	1	0 12	2
A-10	1 3	38	143	3145	176	2 71	58	43	14 4	1 2	8 4	< 5	1	1	0 06	2
A-11	1 3	38	140	4086	148	2 53	55	43	13 5	1 2	7 9	< 5	1	1	0 05	2
A-12	1 4	51	210	2119	298	3 81	87	56	15 4	1 6	8 8	< 5	1	1	0 07	3
B-01	6 9	462	244	1544	162	4 41	87	55	6 1	0 3	26 2	< 5	< 1	< 1	0 07	3
B-02	2 8	66	126	2445	75	1 99	59	24	7 9	0 2	8 5	< 5	< 1	< 1	0 08	3
B-03	0 8	20	80	2100	141	2 24	34	39	13	0 5	5 4	< 5	1	1	0 08	2
B-04	0 7	29	139	2017	200	2 71	32	42	7 6	0 8	5 2	< 5	< 1	1	0 1	2
B-05																
B-06	1 4	16	98	742	85	2 52	59	50	23 7	0 2	12 7	< 5	1	2	0 24	2
B-07	3 5	19	75	574	90	1 84	47	39	17 2	0 6	15 8	< 5	1	2	0 24	2
B-08	0 9	20	125	1498	117	2 87	68	38	8 3	0 6	7 4	< 5	1	1	0 1	1
B-09	0 5	9	44	1488	42	1 41	30	35	16 7	0 3	5	< 5	1	1	0 1	1
B-10	0 5	10	41	1348	53	1 35	28	38	15 7	0 4	4 6	< 5	1	1	0 12	1
B-11	0 4	9	26	1882	41	0 91	13	34	9 3	0 2	2 7	< 5	1	1	0 08	< 1
B-12	0 4	14	85	1189	89	2 04	22	43	14 4	0 3	3 5	< 5	1	1	0 14	2
B-13	0 4	10	44	1387	47	1 42	27	38	15	0 3	4 6	< 5	1	1	0 13	1
B-14	0 2	32	100	882	296	3 55	16	29	1 4	0 2	1 1	0 6	< 1	< 1	0 18	< 1
BA-01	2 1	64	84	2419	103	2 84	35	32	12 2	0 3	10 4	0 5	< 1	< 1	0 08	6
BA-02	8 3	61	185	1671	261	4 03	84	143	27	0 8	53	< 5	1	< 1	0 1	6
BA-03	5 9	26	237	3753	612	3 64	79	166	25 6	1 5	25 9	< 5	1	1	0 06	5
BA-04	1 5	55	63	1940	87	2 4	28	32	13 5	0 2	13 8	0 5	< 1	< 1	0 1	5
BA-05	0 6	20	85	2950	118	2 34	24	34	6 1	0 2	4 6	< 5	< 1	< 1	0 07	4
BA-06	1 4	35	77	2380	162	2 46	25	24	8 4	0 2	6 1	< 5	< 1	< 1	0 08	5
BA-07	1 9	40	86	2145	349	3 69	32	32	7 7	0 2	8 3	< 5	< 1	< 1	0 1	5
BA-08	2	32	64	1822	96	2 73	38	30	13 8	0 4	13 1	< 5	< 1	< 1	0 09	4

Waypoint	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
BA-09	0 8	24	91	2742	143	3 07	20	33	5 3	0 2	5	< 5	< 1	< 1	0 07	3
BA-10	1 7	44	62	2430	149	2 9	25	30	8 1	0 2	10 5	< 5	< 1	< 1	0 08	4
BA-11	2 7	61	93	2032	227	3 18	27	49	7 8	0 2	21 3	< 5	1	< 1	0 1	3
BA-12	1 4	27	123	2822	315	3 05	27	61	5 9	0 3	6 1	< 5	< 1	< 1	0 06	3
BA-13	2	33	99	2329	160	3 69	42	70	9 7	0 3	14 3	< 5	< 1	< 1	0 09	5
BA-14	2 6	26	66	513	85	3 67	49	44	11 9	< 2	15 1	< 5	< 1	< 1	0 23	4
BA-15	2 1	34	174	1312	285	3 63	45	87	10 6	0 4	12 3	< 5	< 1	< 1	0 1	4
BA-16	0 5	20	165	3253	154	2 88	31	66	7 1	3 2	4 8	< 5	< 1	< 1	0 05	2
C-01	10 7	359	180	939	113	2 67	334	209	7 8	3 8	52 4	< 5	< 1	< 1	0 14	3
C-02	3 1	731	1157	846	3403	2 69	341	92	14 2	9 9	195 6	3 2	< 1	1	0 18	2
C-03	2 5	47	196	1232	65	1 6	144	103	49 2	3 6	47 4	< 5	1	1	0 13	2
C-04	9 6	566	898	233	922	6 69	3141	235	9 2	5 4	67	0 8	< 1	1	0 35	4
D-01	52	2147	72	1026	100	1 08	776	72	41 2	0 8	82 3	< 5	< 1	< 1	0 15	1
D-02	5 4	317	428	1213	208	4 86	139	138	7 4	0 4	39 2	0 7	< 1	< 1	0 12	2
D-03	5 3	220	377	1116	129	4 69	149	110	12 4	0 3	43 3	0 7	< 1	< 1	0 14	2
D-04	2 6	157	363	1710	196	4	92	106	3 3	0 5	26 8	0 5	< 1	< 1	0 08	2
D-05	8	562	628	1261	383	5 39	238	144	7 4	0 7	58 1	0 7	< 1	< 1	0 16	4
D-06	10 8	952	371	626	128	5 85	509	138	11 1	0 6	68 2	0 8	< 1	1	0 31	3
D-07	7 2	235	230	570	103	3 05	488	134	29 4	0 9	40 1	< 5	< 1	1	0 27	4
D-08	3 3	277	127	911	124	2 08	129	47	20 4	0 4	17 7	< 5	< 1	1	0 21	3
D-09	4 2	329	106	1115	119	2 08	130	43	22 8	0 3	18	< 5	< 1	1	0 18	3
D-10	7 8	569	274	1450	517	2 93	233	65	13 8	0 8	26 4	< 5	< 1	1	0 15	2
D-11	9 7	593	200	991	249	2 19	302	58	25 9	0 7	38 4	< 5	< 1	1	0 18	1
D-12	8 6	321	121	939	60	2 66	140	24	25 3	0 2	22 8	< 5	< 1	1	0 23	3
D-13	1 9	59	49	542	21	2 39	68	26	24 1	0 2	18 4	< 5	< 1	1	0 39	< 1
D-14	5	307	199	1422	178	2 39	211	54	16 1	0 9	21 3	< 5	< 1	1	0 15	1
D-15	7 4	426	276	1525	98	3 23	232	55	14 1	0 4	22	< 5	< 1	< 1	0 13	2
D-16	4 4	524	287	1495	244	2 88	293	68	17 2	0 5	22 4	< 5	< 1	< 1	0 14	2
D-17	2 1	204	176	526	131	2 9	211	58	10 3	0 4	11 8	< 5	< 1	< 1	0 08	3
D-18	7 1	576	124	1614	88	2	86	45	50 8	0 2	38 5	< 5	< 1	1	0 14	2

Waypoint	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
D-19	3 4	200	320	969	218	4 41	185	67	11 4	0 6	28 3	0 7	< 1	1	0 22	2
D-20	27	1710	181	753	182	2 9	348	61	33 1	1	80 6	0 5	< 1	1	0 25	3
D-21	17 9	1461	202	976	880	2 79	275	58	34 2	1 3	64 5	0 6	< 1	1	0 21	3
D-22	8 6	1385	404	984	189	3 6	114	100	10 7	0 6	32 7	< 5	< 1	< 1	0 19	2
D-23	11 6	1038	411	1378	249	3 46	104	86	6 2	0 5	28	< 5	< 1	< 1	0 14	3
D-24	8 9	745	749	1383	693	4 03	139	135	4 7	1 2	32 8	< 5	< 1	< 1	0 13	< 1
D-25	4 9	503	829	1834	880	4 21	126	128	3 1	1 2	23	< 5	< 1	< 1	0 1	1
D-26	8 4	610	369	247	141	5 48	59	86	4 1	0 3	24	< 5	< 1	< 1	0 61	< 1
D-27	4 4	384	525	920	200	4 8	105	126	14 6	0 5	16 9	< 5	< 1	< 1	0 19	4
D-28	3 7	340	594	436	519	3 78	122	82	4	0 7	17 6	< 5	< 1	< 1	0 08	1
D-29	3 5	274	613	474	499	4 1	106	118	3 8	0 7	14 7	< 5	< 1	< 1	0 07	1
E-01	3 9	169	626	427	1510	4 76	117	48	2 9	0 6	12 6	< 5	< 1	< 1	0 04	3
E-02	4 8	563	568	127	656	3 94	56	69	2 1	0 8	16	< 5	< 1	< 1	0 02	3
E-03	25 2	2260	953	2928	2425	5 32	116	151	3 4	3 7	66 5	0 5	< 1	< 1	0 09	3
E-04	6 7	422	241	358	391	5 76	84	69	5 2	0 3	22 6	0 5	< 1	< 1	0 5	5
E-05	17 3	978	9143	3968	71224	14 09	164	121	95 3	73 1	61 9	< 5	< 1	1	0 07	5
E-06	13 1	931	491	685	1783	3 01	99	71	49 3	2 1	29 9	< 5	< 1	1	0 27	3
E-07	10 7	1042	391	1500	479	3 35	75	72	6 8	0 6	23 3	< 5	< 1	< 1	0 12	4
E-08	8 3	784	466	1685	953	3 67	73	75	7 4	1 3	24	< 5	< 1	< 1	0 09	2
E-09	11 5	1493	304	1463	365	2 73	136	54	16 5	1 2	31 2	< 5	< 1	< 1	0 15	4
E-10	2 9	488	192	646	139	2 69	67	30	8 2	0 4	18 5	< 5	< 1	< 1	0 09	5
E-11	8 4	557	290	1369	450	3 49	167	74	21 4	0 9	57 5	0 5	< 1	1	0 18	3
E-12	8 3	353	423	277	843	4 32	88	69	6	0 7	13 8	< 5	< 1	< 1	0 07	2
E-13	1 9	127	401	438	416	4 77	363	149	3 8	1 6	13	0 6	< 1	< 1	0 06	1
E-14	3	274	424	534	679	4 81	266	161	8	0 7	14 8	0 6	< 1	< 1	0 08	2
E-15	0 6	55	275	510	336	4 24	24	115	2 2	0 5	2 7	0 6	< 1	< 1	0 04	1
E-16	5 5	145	503	2398	198	4 06	86	122	5 6	0 8	8 4	< 5	< 1	< 1	0 09	2
F-01	0 8	20	79	983	111	2 35	39	57	24 1	0 6	5 4	< 5	1	1	0 19	1
F-02	2 8	102	215	1483	1040	5 39	59	81	10 7	0 5	8 3	0 5	< 1	1	0 17	3
F-03	1 5	41	118	753	157	3 68	28	52	2 9	0 3	3 8	< 5	< 1	< 1	0 15	3
F-04	1	23	100	770	64	2 27	22	46	5 5	< 2	4 4	< 5	< 1	< 1	0 09	2

Waypoint	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm	Fe %	As ppm	Cu ppm	Mo ppm	Cd ppm	Sb ppm	Bi ppm	Hg ppb	Tl ppm	S %	Ga ppm
F-05	2 2	66	232	987	566	5 12	44	122	3 8	0 5	5 4	0 6	< 1	< 1	0 15	2
F-06	0 4	50	234	225	863	5 17	40	130	3 7	0 2	3 6	0 6	< 1	< 1	0 05	1
F-07	5 4	602	741	1965	1728	7 16	192	201	17 1	0 8	28 6	0 6	1	< 1	0 13	2
G-01	2 3	18	74	468	22	2 18	81	92	60 5	0 4	11 8	< 5	2	1	0 33	3
G-02	1 6	34	8	864	18	1 14	30	30	50 7	< 2	14 1	< 5	< 1	1	0 33	< 1
G-03	0 8	46	185	114	51	5 9	271	92	73 3	0 2	10 5	0 9	1	1	0 81	8
G-04	3 7	88	5	504	10	1 44	40	79	57 2	< 2	18 4	< 5	< 1	3	0 46	3
G-05	0 3	74	137	338	1151	4 65	37	46	1 3	0 2	2 4	0 6	< 1	< 1	0 14	1
H-01	1 9	17	72	1680	17	1 26	18	91	61 4	0 4	3 5	< 5	1	1	0 11	2
H-02	5 3	20	11	1686	17	0 69	5	85	60 1	0 3	6 1	< 5	< 1	2	0 14	2
H-03	1 2	32	57	150	26	7 76	46	72	17 7	< 2	4 7	0 7	< 1	< 1	0 72	3
H-04	1 1	29	55	158	50	5 53	29	64	15	< 2	4 2	0 5	< 1	1	0 68	3
H-05	1 5	15	18	2093	29	1 01	10	15	13 8	< 2	3 5	< 5	< 1	< 1	0 1	3
H-06	3 9	31	274	307	38	3 71	67	112	74	0 2	10	0 5	1	1	0 4	3
H-07	0 5	14	56	1267	35	1 56	21	29	4 9	< 2	3 5	< 5	< 1	< 1	0 1	2

SCHEDULE "F'

ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. 852 E HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT PLATA File # A102906 Page 1

500 - 625 Howe St , Vancouver BC V6C 2T6 Submitted by Gerry Carlson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	S %	Ga ppm
LA-01-1	15	9	30	23	57	5	18	3	105	2.27	25	3	<2	3	36	4	4	6	<5	74	.24	.036	8	10	.02	606	.001	2	.38	.005	.13	<1	<1	2	2	2	.26	1
LA-01-2	53	4	43	19	68	1.7	29	2	28	3.57	73	6	<2	4	38	3	13	9	<5	188	.01	.102	8	22	.02	107	.008	1	.88	.007	.34	<1	1	3	2	3	.78	3
LA-01-3	21	3	34	10	18	4	15	1	11	1.62	32	5	<2	3	14	<2	3	7	<5	130<	.01	.028	6	13	.01	632	.002	<1	69	.002	.09	<1	<1	3	2	1	.18	1
LA-01-4	25	9	36	11	20	6	14	1	12	1.66	33	5	<2	3	17	<2	5	1	<5	91<	.01	.034	8	11	.01	394	.002	<1	51	.004	.13	<1	<1	2	3	2	.28	1
LA-01-5	27	4	51	11	47	4	32	2	21	2.67	53	7	<2	3	34	<2	4	1	<5	275<	.01	.063	5	22	.02	401	.003	<1	1	27	.003	.10	<1	1	4	4	2	.29	2
LA-01-6	28	7	59	12	79	5	49	3	64	3.16	56	9	<2	3	56	3	6	2	<5	249	.01	.095	6	23	.03	251	.004	1	1	58	.006	.15	<1	1	5	2	2	.37	2
LA-01-7	21	7	37	14	44	1.2	22	1	20	2.10	44	5	<2	3	37	2	8	8	<5	153<	.01	.057	4	14	.02	523	.002	<1	91	.003	.10	<1	2	2	6	2	.21	1
LA-01-8	16	4	38	30	119	2.0	30	5	119	2.56	48	4	<2	2	50	1	4	11	<5	120	.01	.085	3	19	.02	1172	.003	1	67	.004	.12	<1	3	2	6	1	.13	2
LA-01-9	17	8	42	34	131	2.3	34	6	173	2.58	52	4	<2	2	52	1	4	11	<5	135	.02	.091	4	12	.03	1135	.002	<1	79	.004	.12	<1	2	2	9	1	.12	2
LA-01-10	14	4	43	38	143	1.3	36	7	176	2.71	58	4	<2	2	32	1	2	8	4	<5	.20	.01	.079	4	11	.02	3145	.002	1	86	.003	.09	<1	1	3	0	1	.06	2
LA-01-11	13	5	43	38	140	1.3	34	6	148	2.53	55	4	<2	2	24	1	2	7	9	<5	122	.01	.067	4	11	.02	4086	.003	<1	88	.003	.08	<1	1	2	7	1	.05	2
LA-01-12	15	4	56	31	210	1.4	51	11	298	3.81	87	5	<2	2	30	1	6	8	8	<5	136	.02	.108	5	14	.04	2119	.002	<1	1	07	.005	.09	<1	1	3	6	1	.07	3
LB-01-1	6	1	55	462	244	6.9	29	6	162	4.41	87	1	<2	<1	21	3	26	2	<5	55	.03	.075	6	16	.06	1544	.006	<1	78	.003	.05	<1	<1	1	0	<1	.07	3
LB-01-2	7	9	24	66	126	2.8	17	4	75	1.99	59	1	<2	<1	19	2	8	5	<5	109	.01	.039	4	9	.01	2445	.004	<1	30	.001	.04	<1	<1		8	<1	.08	3
LB-01-3	13	0	39	20	80	8	28	4	141	2.24	34	4	<2	2	33	5	5	4	<5	86	.20	.059	5	12	.02	2100	.002	1	63	.003	.06	<1	1	2	8	1	.08	2
LB-01-4	7	6	42	29	139	7	36	7	200	2.71	32	2	<2	1	26	8	5	2	<5	55	.12	.078	4	12	.07	2017	.002	<1	57	.004	.06	<1	<1	2	6	1	.10	2
LB-01-6	23	7	50	16	98	1.4	36	4	85	2.52	59	5	<2	1	18	2	12	7	<5	151	.01	.085	3	16	.03	742	.004	<1	80	.004	.12	<1	1	2	8	2	.24	2
LB-01-7	17	2	39	19	75	3.5	24	2	90	1.84	47	4	<2	1	31	6	15	8	<5	124	.02	.118	3	13	.02	574	.003	<1	69	.002	.12	<1	1	2	1	2	.24	2
LB-01-8	8	3	38	20	125	9	22	4	117	2.87	68	3	<2	1	23	6	7	4	<5	52	.02	.095	3	8	.01	1498	.001	<1	66	.003	.07	<1	1	1	8	1	.10	1
LB-01-9	16	7	35	9	44	5	17	2	42	1.41	30	5	<2	1	19	3	5	0	<5	87	.07	.030	5	10	.01	1488	.003	<1	47	.002	.07	<1	1	1	7	1	.10	1
LB-01-10	15	7	38	10	41	5	17	2	53	1.35	28	5	<2	2	21	4	4	6	<5	80	.08	.029	6	9	.01	1348	.003	1	46	.002	.08	<1	1	1	8	1	.12	1
RE LB 01-10	14	7	36	10	39	5	15	2	51	1.29	27	5	<2	1	21	4	4	5	<5	78	.08	.028	5	8	.01	1297	.003	<1	45	.002	.08	<1	1	1	7	1	.12	1
LB-01-11	9	3	34	9	26	4	9	2	41	.91	13	3	<2	2	22	2	2	7	<5	47	.15	.015	5	5	.01	1882	.002	1	33	.002	.05	<1	1	1	8	1	.08	<1
LB-01-12	14	4	43	14	85	4	32	4	89	2.04	22	4	<2	3	31	3	3	5	<5	179	.24	.040	8	13	.03	1189	.002	<1	75	.003	.09	<1	1	2	9	1	.14	2
LB-01-13	15	0	38	10	44	4	18	2	47	1.42	27	5	<2	2	20	3	4	6	<5	81	.11	.027	5	9	.01	1387	.002	<1	46	.003	.08	<1	1	2	2	1	.13	1
LB-01-14	1	4	29	32	100	2	23	11	296	3.55	16	1	<2	3	44	2	1	1	6	16	.33	.034	3	7	.02	882<	.001	<1	14	.006	.08	<1	<1	3	7	<1	.18	<1
C-01-1	7	8	209	359	180	10.7	33	1	113	2.67	334	5	<2	2	94	3	8	52	4	<5	155	.07	.247	8	16<	.01	939	.002	<1	1	30	.003	.06	<1	<1	5	3	<1	.14	3
C-01-2	14	2	92	731	1157	3.1	70	10	3403	2.69	341	9	<2	4	105	9	9	195	6	3	2	.79	.09	.112	.14	8	.01	846	.001	1	75	.003	.13	<1	<1	1	9	1	.18	2
C-01-3	49	2	103	47	196	2.5	57	1	65	1.60	144	8	<2	6	114	3	6	47	4	<5	138	.28	.274	.16	10	.01	1232	.001	1	1	31	.004	.16	<1	1	2	4	1	.13	2
C-01-4	9	2	235	566	898	9.6	84	10	922	6.69	3141	7	<2	5	166	5	4	67	0	8	103	.10	.263	.11	19	.02	233	.002	1	1	83	.006	.21	<1	<1	11	7	1	.35	4
D-01-1	41	2	72	2147	72	52.0	9	1	100	1.38	776	4	<2	3	38	8	82	3	<5	82	.09	.085	7	8	.01	1026	.001	1	23	.001	.38	1	<1	1	5	<1	.15	1
D-01-2	7	4	138	317	428	5.4	45	5	208	4.86	139	3	<2	3	64	4	39	2	7	41	.01	.111	4	10	.05	1213	.003	<1	1	23	.003	.09	<1	<1	6	3	<1	.12	2
D-01-3	12	4	110	220	377	5.3	33	4	129	4.69	149	3	<2	2	101	3	43	3	7	41	.01	.140	5	10	.03	1116	.003	<1	90	.002	.11	<1	<1	5	8	<1	.14	2
D-01-4	3	3	106	157	363	2.6	30	3	196	4.00	92	2	<2	2	13	5	26	8	5	28<	.01	.046	3	6	.02	1710	.002	<1	88	.001	.05	<1	<1	4	6	<1	.08	2
STANDARD C3	25	6	66	34	164	5.3	38	13	804	3.25	57	18	<2	21	29	22	6	16	2	24	1	.84	.56	.092	17	170	.61	146	.088	21	1	82	.033	.17	16	1	2	8	1	.02	8
STANDARD G-2	1	6	4	2	45	<1	8	5	583	2.01	<1	2	<2	4	79	<2	<5	<5	<5	46	.62	.102	7	76	.63	223	.138	<1	98	.058	.57	2	<1	7	7	<1<	.02	5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES
UPPER LIMITS - AG, AU, HG, W = 100 PPM, MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM, CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM
- SAMPLE TYPE SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED AUG 27 2001 DATE REPORT MAILED Sept 4/01 SIGNED BY D. TOYE, C. LEONG, J. WANG, CERTIFIED B.C. ASSAYERS

 Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	S %	Ga ppm
D 01-05	7	144	562	628	8	55	6	383	5 39	238	6	<2	4	70	7	58 1	7	76	03	151	8	16	09	1261	008	2	1 41	004	11	<1	<1	9 2	<1	16	4
D-01-06	11	138	952	371	10	28	2	128	5 85	509	7	<2	4	191	6	68 2	8	68	04	261	13	16	02	626	003	<1	1 07	003	15	1	<1	7 7	1	31	3
D-01-07	29	134	235	230	7	41	2	103	3 05	488	9	<2	3	179	9	40 1	< 5	103	31	467	17	16	03	570	005	1	1 69	004	14	1	<1	3 8	1	27	4
D-01-08	20	47	277	127	3	20	2	124	2 08	129	4	<2	<1	70	4	17 7	< 5	79	07	208	13	12	07	911	005	<1	97	003	11	<1	<1	7	1	21	3
D-01-09	22	43	329	106	4	17	3	119	2 08	130	5	<2	<1	73	3	18 0	< 5	87	05	169	14	11	06	1115	004	1	89	003	11	<1	<1	5	1	18	3
D-01-10	13	65	569	274	7	31	8	517	2 93	233	4	<2	1	58	8	26 4	< 5	54	09	163	10	10	04	1450	005	<1	77	003	09	<1	<1	2 0	1	15	2
D-01-11	25	58	593	200	9	22	4	249	2 19	302	5	<2	3	77	7	38 4	< 5	87	13	182	14	9	02	991	003	<1	65	002	10	1	<1	1 9	1	18	1
D-01-12	25	24	321	121	8	12	2	60	2 66	140	3	<2	1	57	2	22 8	< 5	105	05	330	10	12	01	939	007	1	57	003	11	<1	<1	9	1	23	3
D-01 13	24	26	59	49	1	4	<1	21	2 39	68	2	<2	1	40	2	18 4	< 5	49	01	094	2	6	01	542	001	1	28	003	21	<1	<1	7	1	39	<1
D-01-14	16	54	307	199	5	22	4	178	2 39	211	4	<2	2	73	9	21 3	< 5	59	11	143	11	9	01	1422	003	<1	55	002	08	<1	<1	2 2	1	15	1
D-01-15	14	55	426	276	7	23	4	98	3 23	232	3	<2	1	51	4	22 0	< 5	62	04	195	7	10	01	1525	004	<1	46	002	08	<1	<1	2 0	<1	13	2
D-01-16	17	68	524	287	4	25	5	244	2 88	293	3	<2	1	54	5	22 4	< 5	50	06	173	6	9	02	1495	005	<1	49	002	07	<1	<1	1 4	<1	14	2
D 01-17	10	58	204	176	2	22	4	131	2 90	211	2	<2	1	35	4	11 8	< 5	60	05	112	9	15	11	526	010	<1	73	004	07	<1	<1	1 7	<1	08	3
D-01-18	50	45	576	124	7	26	2	88	2 00	86	5	<2	2	41	2	38 5	< 5	83	01	084	3	7	02	1614	002	<1	81	002	08	<1	<1	1 8	1	14	2
D-01-19	11	67	200	320	3	27	4	218	4 41	185	3	<2	2	70	6	28 3	7	54	02	148	12	12	06	969	004	3	67	004	14	<1	<1	2 7	1	22	2
D-01-20	33	61	1710	181	27	16	2	182	2 90	348	8	<2	2	172	1 0	80 6	5	154	18	372	15	20	05	753	006	1	68	003	15	1	<1	1 9	1	25	3
RE D-01-20	32	58	1724	179	26	17	2	179	2 79	342	8	<2	2	171	8	79 5	5	153	15	391	15	19	05	810	006	4	67	004	14	1	<1	1 9	1	25	3
D-01-21	34	58	1461	202	17	17	3	880	2 79	275	6	<2	1	140	1 3	64 5	6	134	14	343	14	16	05	976	005	1	64	003	15	1	<1	1 3	1	21	3
D-01-22	10	100	1385	404	8	23	3	189	3 60	114	4	<2	2	132	6	32 7	< 5	46	07	224	11	12	02	984	003	1	78	004	12	<1	<1	3 9	<1	19	2
D-01-23	6	86	1038	411	11	25	4	249	3 46	104	2	<2	<1	49	5	28 0	< 5	37	02	128	6	10	04	1378	005	<1	70	004	09	<1	<1	1 4	<1	14	3
D-01-24	4	135	745	749	8	38	10	693	4 03	139	3	<2	2	94	1 2	32 8	< 5	17	01	094	3	6	02	1393	001	1	48	002	07	<1	<1	3 3	<1	13	<1
D-01-25	3	128	503	829	4	47	12	880	4 21	126	2	<2	2	49	1 2	23 0	< 5	17	01	085	3	5	02	1834	002	<1	47	004	06	<1	<1	3 5	<1	10	1
D-01-26	4	86	610	369	8	20	3	141	5 48	59	1	<2	2	135	3	24 0	< 5	7	01	112	2	3	01	247	001	<1	42	017	31	<1	<1	4 5	<1	61	<1
D-01-27	14	126	384	525	4	55	6	200	4 80	105	5	<2	3	77	5	16 9	< 5	17	01	155	7	8	03	920	001	1	1 45	005	10	<1	<1	6 1	<1	19	4
D-01-28	4	82	340	594	3	38	11	519	3 78	122	2	<2	1	35	7	17 6	< 5	19	01	089	3	9	04	436	003	<1	51	003	06	<1	<1	2 3	<1	08	1
D-01-29	3	118	274	613	3	43	11	499	4 10	106	2	<2	1	32	7	14 7	< 5	17	01	109	3	8	04	474	003	<1	48	002	05	<1	<1	2 2	<1	07	1
E-01-01	2	48	169	626	3	57	13	1510	4 76	117	1	<2	2	13	6	12 6	< 5	27	02	073	4	15	12	427	008	1	84	002	04	<1	<1	2 6	<1	04	3
E-01-02	2	69	563	568	4	42	12	656	3 94	56	1	<2	1	12	8	16 0	< 5	20	06	091	3	12	15	127	005	1	69	003	04	<1	<1	2 0	<1	02	3
E-01-03	3	151	2260	953	25	49	19	2425	5 32	116	2	<2	2	33	3	7 66 5	5	22	03	115	4	10	09	2928	005	1	1 12	004	07	<1	<1	6 0	<1	09	3
E 01-04	5	69	422	241	6	28	9	391	5 76	84	1	<2	1	47	3	22 6	5	33	04	114	6	19	11	358	007	<1	85	008	30	<1	<1	1 8	<1	50	5
E 01-05	95	121	978	9143	17	321	71	71224	14 09	164	3	<2	2	45	73 1	61 9	< 5	24	05	692	6	8	05	3968	007	1	93	003	07	<1	<1	3 5	1	07	5
E-01-06	49	71	931	491	13	40	8	1783	3 01	99	6	<2	1	142	2 1	29 9	< 5	128	07	205	15	14	03	685	004	1	75	005	15	<1	<1	1 8	1	27	3
E-01-07	6	72	1042	391	10	25	6	479	3 35	75	2	<2	1	51	6	23 3	< 5	44	03	119	8	14	09	1500	009	1	1 04	004	08	<1	<1	2 1	<1	12	4
E-01-08	7	75	784	466	8	42	14	953	3 67	73	2	<2	1	60	1 3	24 0	< 5	37	10	142	6	0	08	1635	005	<1	64	003	06	<1	<1	2 5	<1	09	2
STANDARD C3	26	64	34	165	5	38	12	842	3 18	56	19	<2	22	30	22 7	16 1	24 3	80	55	092	18	172	63	146	091	21	1 79	030	16	17	1	3 0	1	03	8
STANDARD G-2	1	4	3	45	<	1	9	5	570	1 89	<1	2	<2	4	76	< 2	< 5	< 5	43	65	103	7	75	61	225	138	<1	89	052	54	2	<1	1 5	<1	< 02	5

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	S %	Ga ppm
E-01-09	16	54	1493	304	11	18	4	365	2.73	136	4	<2	<1	93	1.2	31.2	<5	84	13	212	12	20	09	1463	008	2	1.02	003	09	<1	<1	1	<1	15	4
E-01-10	8	30	488	192	2	16	4	139	2.69	67	1	<2	<1	35	4	18.5	<5	70	02	102	9	12	03	646	005	1	54	004	06	<1	<1	3	<1	09	5
E-01-11	21	74	557	290	8	26	7	450	3.49	167	4	<2	<1	59	9	57.5	5	78	04	178	11	15	07	1369	008	2	1.14	005	09	<1	<1	1	1	18	3
E-01-12	6	69	353	423	8	34	10	843	4.32	88	2	<2	1	21	7	13.8	<5	38	04	182	5	15	07	277	004	1	70	004	05	<1	<1	2	<1	07	2
E-01-13	3	149	127	401	1	9	55	20	416	4.77	363	1	<2	1	14	1.6	13.0	6	22	01	064	2	9	05	438	002	<1	40	004	06	<1	<1	4	7	<1	06	1
E-01-14	8	161	274	424	3	10	49	20	679	4.81	266	2	<2	1	26	7	14.8	6	33	02	117	4	9	05	534	004	2	65	003	06	<1	<1	3	6	<1	08	2
E-01-15	2	115	55	275		6	49	19	336	4.24	24	1	<2	2	7	5	2.7	6	18	02	052	2	8	04	510	003	1	25	004	05	<1	<1	5	8	<1	04	1
E-01-16	5	122	145	503	5	5	49	7	198	4.06	86	1	<2	1	16	8	8.4	<5	39	01	077	3	8	03	2398	002	<1	62	004	03	<1	<1	3	0	<1	09	2
F-01-01	24	57	20	79		8	31	4	111	2.35	39	7	<2	3	29	6	5.4	<5	94	15	047	9	13	02	983	002	1	91	004	11	<1	1	3	6	1	19	1
F-01-02	10	81	102	215	2	8	47	21	1040	5.39	59	2	<2	2	22	5	8.3	5	59	02	144	5	28	13	1483	003	1	95	006	08	<1	<1	4	0	1	17	3
F-01-03	2	52	41	118	1	5	20	5	157	3.68	28	1	<2	<1	10	3	3.8	<5	25	04	149	1	32	06	753	003	1	66	005	04	<1	<1	1	6	<1	15	3
F-01-04	5	46	23	100	1	0	19	4	64	2.27	22	1	<2	<1	7	<2	4.4	<5	32	01	129	2	13	02	770	003	1	36	007	03	<1	<1		7	<1	09	2
F-01-05	3	122	66	232	2	2	52	18	566	5.12	44	1	<2	1	19	5	5.4	6	21	04	174	2	21	06	987	002	1	52	008	07	<1	<1	3	4	<1	15	2
F-01-06	3	130	50	234		4	59	27	863	5.17	40	1	<2	1	12	2	3.6	6	16<	01	110	2	11	04	225	002	<1	41	005	06	<1	<1	4	3	<1	05	1
F-01-07	17	201	602	741	5	4	82	24	1728	7.16	192	3	<2	2	44	8	28.6	6	60	07	201	4	12	04	1965	003	2	1.01	003	05	<1	1	4	9	<1	13	2
G-01-01	60	92	18	74	2	3	16	1	22	2.18	81	9	<2	3	529	4	11.8	<5	188	18	448	7	19	01	468	003	3	75	006	15	<1	2	3	5	1	33	3
G-01-02	50	30	34	8	1	6	16	<1	18	1.14	30	2	<2	6	71	<2	14.1	<5	103	04	028	5	4	01	864	002	1	08	003	16	<1	<1		9	1	33	<1
G-01-03	73	92	46	85		8	25	4	51	5.90	27	4	<2	2	239	2	10.5	9	185	02	253	2	40	02	114	003	1	74	043	28	<1	1	7	5	1	81	8
G-01-04	57	79	88	5	3	7	7	<1	10	1.44	40	4	<2	2	155	<2	18.4	<5	166	02	095	6	23	01	504	002	2	18	006	19	<1	<1	2	3	3	46	3
G-01-05	1	46	74	137		3	37	18	1151	4.65	37	1	<2	4	24	2	2.4	6	18	34	039	6	11	06	338	001	1	35	006	08	<1	<1	6	3	<1	14	1
RE G-01-05	1	46	72	134		3	36	17	1159	4.46	36	1	<2	4	24	3	2.4	6	18	34	039	6	12	06	345	001	<1	34	005	09	<1	<1	6	3	<1	14	1
H-01-01	61	91	17	72	1	9	26	1	17	1.26	18	10	<2	2	304	4	3.5	<5	271	10	325	5	14	01	1680	004	3	93	006	07	1	1	2	1	1	11	2
H-01-02	60	85	20	11	5	3	9	<1	17	69	5	8	<2	1	186	3	6.1	<5	142	03	190	7	16	03	1686	007	3	51	004	11	1	<1	1	4	2	14	2
H-01-03	17	72	32	57	1	2	12	2	26	7.76	46	4	<2	3	169	<2	4.7	7	166	01	257	4	27	03	150	004	1	45	040	31	<1	<1	4	5	<1	72	3
H-01-04	15	64	29	55	1	1	12	2	50	5.53	29	4	<2	2	177	<2	4.2	5	138	02	239	4	28	04	158	006	2	58	052	30	<1	<1	3	8	1	68	3
H-01-05	13	15	15	18	1	5	4	1	29	1.01	10	3	<2	<1	168	<2	3.5	<5	80	03	183	4	21	04	2093	003	2	44	004	07	<1	<1		2	<1	10	3
H-01-06	74	112	31	274	3	9	32	2	38	3.71	67	10	<2	4	866	2	10.8	5	146	46	869	12	39	03	307	007	4	98	011	21	1	1	4	4	1	40	3
H-01-07	4	29	14	56		5	10	3	35	1.56	21	1	<2	<1	51	<2	3.5	<5	62	01	056	5	10	01	1267	007	2	20	005	06	<1	<1		9	<1	10	2
BA-01-01	12	32	64	84	2	1	21	4	103	2.84	35	1	<2	<1	27	3	10.4	5	240	04	065	9	17	02	2419	013	2	53	006	06	<1	<1		7	<1	08	6
BA-01-02	27	143	61	185	8	3	66	8	261	4.03	84	9	<2	4	57	8	53.0	<5	562	04	220	10	102	08	1671	022	2	3.53	005	10	1	1	6	3	<1	10	6
BA-01-03	25	166	26	237	5	9	85	11	612	3.64	79	12	<2	3	86	1.5	25.9	<5	389	05	251	11	77	13	3753	011	3	3.46	006	12	1	1	6	0	1	06	5
BA-01-04	13	32	55	63	1	5	15	3	87	2.40	28	1	<2	<1	28	2	13.8	5	132	01	061	6	18	02	1940	016	<1	64	006	07	<1	<1		9	<1	10	5
BA-01-05	6	34	20	85		6	23	5	118	2.34	24	1	<2	<1	23	2	4.6	<5	98	02	050	6	16	07	2950	009	1	73	036	04	<1	<1		9	<1	07	4
BA-01-06	8	24	35	77	1	4	16	4	162	2.46	25	1	<2	<1	26	2	6.1	<5	116	03	078	7	20	08	2380	013	1	86	005	06	<1	<1		7	<1	08	5
STANDARD C3	27	67	37	164	5	5	38	12	820	3.20	54	20	<2	21	27	22.5	15.0	24	5	81	57	092	18	163	59	148	089	20	1.89	029	16	15	1	3	2	1	02	8
STANDARD G-2	1	4	4	47	<1	9	5	602	1.99	<1	3	<2	6	75	<2	<5	<5	46	69	102	7	80	65	240	148	1	1.05	052	56	2	<1	1	8	<1<	02	5

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

Data___ FA ____

ACME ANALYTICAL

Copper Ridge Exploration Inc. PROJECT PLATA FILE # A102906 Page 4

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	S %	Ga ppm
BA 01 07	7	7	32	40	86	1	9	17	6	349	3	69	32	1	<2	2	20	2	8	3	< 5	73	03	068	7	23	10	2145	015	1	1	44	006	07	<1	<1	1	8	<1	10	5
BA 01 08	12	8	30	37	64	2	0	17	3	96	2	75	28	1	<2	<1	38	4	13	1	< 5	102	03	096	6	21	05	1922	065	1		74	007	07	<1	<1		5	<1	09	4
BA 01 09	5	3	33	24	91		8	25	5	143	3	07	20	1	<2	2	15	2	5	2	< 5	74	02	346	5	21	15	2742	011	1	1	02	003	04	<1	<1	1	7	<1	07	2
BA 01-10	8	1	30	44	62	1	7	13	3	149	2	90	25	1	<2	1	19	2	10	5	< 5	64	03	047	6	20	09	2430	017	<1	1	03	004	05	<1	<1	1	4	<1	08	4
BA 01 11	7	8	49	61	93	2	7	25	5	227	3	16	27	1	<2	2	27	2	21	3	< 5	59	02	057	6	19	12	2032	010	1	1	15	003	07	<1	1	2	1	<1	10	3
BA 01 12	5	9	61	27	123	1	4	40	11	315	3	05	27	1	<2	3	32	3	6	1	< 5	49	03	060	6	21	25	2822	014	1	1	12	003	05	<1	<1	2	6	<1	06	3
BA 01 13	9	7	70	33	99	2	0	33	6	160	3	69	42	2	<2	1	22	3	14	3	< 5	181	02	098	7	29	11	2329	011	<1	1	45	006	06	<1	<1	1	9	<1	09	5
BA 01 14	11	9	44	28	86	2	6	20	3	86	3	87	49	2	<2	1	28	< 2	15	1	< 5	283	01	079	4	32	06	513	014	<1		90	001	13	<1	<1	1	3	<1	23	4
BA 01 15	10	6	87	34	174	2	1	51	10	285	3	60	45	4	<2	2	26	4	12	3	< 5	266	02	090	8	43	17	1312	013	<1	1	82	010	09	<1	<1	3	6	<1	13	4
BA 01 16	7	1	66	20	165		5	40	8	154	2	88	31	1	<2	2	50	3	2	4	8	< 5	127	02	051	5	18	13	3253	007	1		55	003	06	<1	<1	2	6	<1	05	2
W17 M	126	5	79	48	178	8	3	39	6	215	15	39	204	3	<2	5	17		4	28	5	< 5	534	03	403	4	38	96	226	003	<1		36	004	27	<1	1	3	7	3	61	3
W19 M	46	4	803	36	2293	2	0	324	69	499	21	06	286	87	<2	5	81	36	1	11	9	< 5	326	75	352	14	113	11	139	002	1	1	58	002	06	<1	<1	7	6	1	86	5
W56 A M	3	3	63	727	477	15	5	25	5	193	6	24	58	1	<2	1	35		6	11	4	< 5	14	04	068	2	8	05	696	003	1		30	004	06	<1	<1	2	4	<1	28	1
W56-B M	12	0	81	2317	451	11	2	25	5	210	6	16	65	3	<2	2	49	2	3	23	3	< 5	21	04	122	3	7	03	1519	002	2		32	003	08	<1	<1	2	6	<1	12	1
W86 M	23	9	121	33	74	1	3	15	4	111	9	80	37	2	<2	1	25	<	2	3	5	< 5	100	01	133	5	24	07	349	006	<1		37	004	07	<1	1	2	4	1	44	6
W87 M	106	2	19	26	16		4	4	1	15	21	87	2030	7	<2	8	6	<	2	3	3	< 5	116	01	5	659	<1	491	01	36	024	<1		26	002	03	<1	<1	113	7	4	2	36	10
RE W87 M	100	6	9	21	15		4	4	1	15	20	49	1969	7	<2	8	5		2	3	3	< 5	111	01	5	382	<1	473	01	36	024	<1		25	004	03	<1	<1	107	8	4	2	31	10
W236 G	1	5	160	4	31		2	3	1	12	39	12	45	<1	<2	<1	1		2		6	< 5	943	<	01	326	<1	106	<	01	21	002	<1		05	001	<	01	<1	<1		5	<1	2	27	8
W303 G		5	64	18	1226	1	0	57	5	319		07	4	11	<2	<1	11	7	5		9	< 5	3	19	015	3	2	02	60	<	001	<1	18	19	002	01	<1	<1		8	<1	3	83	<1
W323-G		9	25	87	170	2	6	32	9	167	2	02	16	1	<2	<1	16		6	1	7	< 5	17	24	080	5	14	24	294	004	<1		80	004	06	<1	<1	1	3	<1	07	3
W324 G	2	3	48	327	937	6	8	60	12	722	2	86	49	1	<2	<1	28	1	2	3	7	< 5	32	28	126	11	19	39	265	006	1		96	004	08	<1	<1	1	6	<1	13	3
W334 G	21	5	137	49	171	3	5	31	10	790	8	53	44	6	<2	3	39		7	5	4	< 5	103	05	142	2	38	02	257	001	<1		73	003	05	<1	1	12	6	<1	51	2
W337 G	5	5	88	146	240	2	9	51	7	329	2	87	95	1	<2	<1	17	1	4	7	3	< 5	42	04	086	2	20	04	742	002	<1		34	002	03	1	<1	5	1	<1	08	<1
W338-G	4	5	88	37	270	1	0	71	14	829	4	03	25	1	<2	<1	11	1	1	3	9	< 5	49	07	065	2	16	08	237	002	<1		21	002	03	<1	<1	3	8	<1	03	<1
W339-G	9	3	99	58	299	1	5	114	21	1375	4	69	48	1	<2	1	41	1	7	4	0	1 0	55	16	095	4	48	16	941	003	<1		41	003	06	1	<1	4	5	<1	09	2
W341 G	8	9	246	49	431	2	4	155	34	2574	7	20	34	2	<2	1	14	1	9	7	4	< 5	99	03	117	3	31	03	285	005	<1		23	003	02	<1	<1	12	8	1	03	1
W342 G	5	3	120	32	255	1	1	71	19	1195	4	42	20	1	<2	1	8		8	4	3	< 5	55	02	069	3	18	02	136	003	<1		19	002	03	<1	<1	4	9	<1	02	1
W343 G	3	9	67	22	152		6	43	14	667	3	79	15	1	<2	1	6		3	2	3	< 5	31	02	086	4	11	04	67	001	<1		27	003	03	<1	<1	2	6	<1	02	1
W344 G	4	3	54	40	183		4	55	15	1119	4	19	17	1	<2	1	14	1	2	1	9	< 5	31	03	020	4	16	09	304	003	<1		32	003	04	<1	<1	3	9	<1	04	1
W348 G	4	6	61	11	128		5	18	2	69	1	02	7	<1	<2	1	15	1	0	3	7	< 5	19	06	025	1	4	01	98	<	001	<1		07	001	02	<1	<1	1	6	<1	<	02	<1
W350 G	4	6	58	10	128		5	17	2	96	1	03	7	<1	<2	<1	14	1	1	3	8	< 5	19	07	024	1	4	01	92	<	001	<1		36	001	02	<1	<1	1	5	<1	<	02	<1
W407 G	7	8	6	11	2		9	3	<1	5		13	3	2	<2	1	25	<	2	4	8	< 5	34	<	01	018	3	2	01	780	002	<1		11	002	06	<1	<1		4	<1	07	<1
W408 G	5	9	9	31	1	1	4	1	<1	3		20	13	1	<2	<1	9	<	2	7	6	< 5	31	01	032	3	6	01	209	003	<1		13	002	03	<1	<1		6	<1	02	<1
W409 G	19	1	24	37	45	1	2	10	3	83	4	16	64	1	<1	1	17	<	2	10	3	< 5	70	02	095	7	17	10	199	018	<1		61	004	04	<1	<1		9	<1	06	4
STANDARD C3	25	5	64	37	161	5	4	37	12	855	3	19	56	18	<2	20	26	21	7	14	1	23 0	81	57	093	18	176	61	145	086	21	1	60	032	17	15	1		3	2	1	02	6
STANDARD G 2	1	7	4	9	46	<	1	9	5	504	2	07	<1	2	<2	5	16	<	2	<	5	< 5	43	62	194	5	77	08	224	138	<1		95	075	58	2	<1	2	0	<1	<	02	5

Sample type: SOIL S280 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

All results are considered the confidential property of the client Acme assumes the liabilities for actual cost of the analysis only

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	S %	Ga ppm
W410-G	6	230	39	251	3	75	16	72	4.38	30	2	<2	1	41	1.1	2.3	1.0	27	.01	.069	3	8	.04	202	.004	1	.36	.005	.05	<1	<1	3.1	<1	.02	1
W411-G	5	196	30	225	4	66	19	257	4.68	26	2	<2	2	37	1.3	2.4	8	39	.01	.066	4	16	.08	297	.003	1	.55	.005	.05	<1	<1	4.2	<1	.03	2
W412-G	11	143	50	268	1.9	61	10	251	5.77	124	2	<2	2	71	7	16.3	7	69	.02	.143	6	15	.08	559	.007	3	1.06	.013	.13	<1	<1	4.5	<1	.26	4
W413-G	50	80	27	215	3.1	63	6	162	5.11	71	7	<2	4	59	6	19.7	<5	161	.07	.223	13	20	.08	199	.006	2	1.54	.010	.25	<1	1	4.4	2	.45	4
W414-G	26	106	38	276	1.5	60	9	200	5.95	152	4	<2	3	40	7	21.5	5	145	.02	.134	7	19	.10	552	.008	2	1.24	.005	.12	<1	<1	4.5	1	.21	4
W415-G	25	43	76	98	1.5	21	7	352	2.97	98	4	<2	1	37	4	19.9	<5	89	.02	.103	6	16	.05	1161	.004	2	.73	.006	.09	<1	<1	2.5	1	.16	3
W416-G	19	33	50	87	9	19	6	220	3.11	90	3	<2	1	31	3	12.3	<5	104	.02	.153	6	16	.07	1140	.007	1	.75	.004	.07	<1	<1	2.3	1	.11	3
W417-G	14	29	57	103	6	22	7	307	2.90	55	2	<2	1	38	8	10.2	<5	98	.05	.082	7	17	.10	1479	.005	1	.64	.008	.09	<1	<1	2.1	1	.13	3
W418-G	35	34	22	39	2.2	13	2	113	2.54	60	4	<2	1	26	<2	13.4	<5	170	.01	.146	5	22	.03	1117	.012	1	.84	.003	.08	<1	1	1.3	1	.17	4
W419-G	104	106	27	127	2.1	45	6	128	4.45	119	10	<2	4	68	7	21.3	<5	232	.03	.261	11	29	.12	301	.016	<1	1.68	.009	.17	<1	1	4.7	2	.33	4
W420-G	41	59	93	116	1.5	22	4	158	3.76	322	4	<2	2	43	6	20.6	<5	245	.01	.133	6	18	.04	693	.005	<1	.62	.004	.11	<1	<1	2.7	1	.21	2
W421-G	14	80	25	114	1.6	32	15	731	4.38	28	3	<2	3	41	6	9.7	<5	63	.05	.123	7	18	.08	2003	.007	1	1.07	.005	.07	<1	<1	3.0	1	.10	2
W422-G	17	53	27	95	1.3	25	7	277	3.41	31	2	<2	1	34	4	6.6	<5	83	.03	.097	7	20	.10	1760	.008	2	1.06	.006	.09	<1	<1	1.8	1	.11	4
W423-G	16	7	7	51	6	7	1	20	30.36	261	15	<2	<1	16	2.9	13.5	<5	3650	.03	4.416	1	481	.01	33	.018	<1	.92	.004	.24	<1	<1	6.1	2	2.51	2
W424-G	15	54	25	150	1.7	29	6	228	5.45	28	3	<2	1	38	7	6.5	<5	138	.02	.135	5	19	.07	979	.004	<1	.71	.005	.11	<1	<1	2.7	2	.22	3
W425-G	13	37	20	156	6	28	8	360	2.93	27	2	<2	1	41	1.1	8.2	<5	75	.06	.087	7	16	.10	1421	.008	1	.56	.004	.07	<1	<1	2.3	1	.12	2
W426-G	12	44	18	137	6	31	12	429	2.86	26	2	<2	2	43	1.1	8.9	<5	68	.07	.077	7	14	.06	1789	.008	<1	.38	.003	.06	<1	<1	3.0	<1	.10	1
W427-G	10	9	17	19	9	4	1	24	.86	11	1	<2	<1	27	<2	4.2	<5	63	.02	.068	4	8	.01	577	.004	<1	.19	.003	.06	<1	<1	4	1	.08	2
W428-G	8	43	27	383	2.2	90	6	195	1.91	28	6	<2	1	60	4.1	8.1	<5	66	.55	.266	6	15	.22	1535	.005	<1	.94	.010	.08	<1	1	1.6	2	.18	3
W429-G	19	18	15	40	8	9	2	53	1.62	32	2	<2	<1	26	<2	6.5	<5	94	.02	.079	7	13	.03	1595	.007	<1	.50	.005	.06	<1	<1	4	1	.11	4
W430-G	13	14	11	35	5	9	2	35	.97	17	1	<2	<1	23	<2	3.8	<5	95	.01	.043	9	10	.02	1558	.005	<1	.34	.005	.05	<1	<1	2	1	.07	4
RE W430-G	13	15	11	35	5	8	2	37	.99	18	1	<2	<1	23	<2	4.0	<5	100	.01	.043	10	10	.02	1691	.005	<1	.35	.006	.05	<1	<1	3	1	.06	4
W431-G	63	104	33	89	1.3	34	4	171	4.64	353	27	<2	2	135	1.4	39.2	<5	360	.04	.687	9	86	.06	348	.007	<1	1.25	.004	.16	1	<1	8.3	4	.35	10
W432-G	34	32	29	51	9	11	3	109	2.63	33	2	<2	2	34	<2	4.7	<5	63	.01	.077	6	14	.06	220	.006	<1	.45	.003	.07	<1	<1	1.6	1	.11	4
W433-G	26	38	26	56	2.1	12	4	154	2.51	23	2	<2	1	21	<2	4.5	<5	52	.01	.067	6	12	.06	173	.004	<1	.36	.002	.05	<1	1	1.6	1	.06	3
W434-G	38	53	49	64	1.3	15	4	149	3.68	34	2	<2	1	27	<2	4.5	5	80	.03	.118	9	24	.17	317	.008	<1	.95	.005	.08	<1	1	1.3	1	.09	7
W435-G	24	15	18	26	6	4	1	28	1.19	16	1	<2	2	20	<2	4.4	<5	36	.01	.034	3	6	.01	277	.002	<1	.19	.003	.04	<1	<1	1.0	<1	.08	2
W436-G	40	40	53	51	1.7	12	4	94	2.94	31	2	<2	2	24	<2	6.5	<5	63	.02	.084	5	15	.10	205	.006	<1	.54	.005	.06	<1	1	1.6	1	.08	3
W437-G	34	36	44	46	2.7	11	3	96	3.38	31	1	<2	2	19	<2	5.7	<5	97	.02	.085	4	15	.09	175	.005	<1	.40	.003	.06	<1	1	1.7	1	.10	4
W438-G	60	46	86	45	10.0	9	2	54	4.23	37	2	<2	<1	31	<2	7.8	7	87	.01	.143	4	26	.06	636	.003	<1	.39	.005	.08	<1	3	1.4	2	.27	6
W439-G	43	39	65	38	6.4	11	3	85	3.31	32	1	<2	<1	27	<2	5.2	8	78	.04	.141	7	41	.19	302	.005	<1	.82	.008	.08	<1	3	7	3	.12	7
W440-G	112	53	105	58	7.0	14	4	99	6.15	94	1	<2	1	46	<2	12.5	1.1	155	.02	.192	6	44	.12	628	.006	<1	.56	.008	.12	<1	5	1.7	3	.25	8
W441-G	12	21	14	17	3	5	1	21	.93	11	1	<2	<1	10	<2	1.5	<5	30	.01	.029	3	7	.03	93	.002	<1	.34	.002	.02	<1	<1	1.0	<1	.03	1
W442-G	8	14	9	16	2	11	1	60	.35	6	1	<2	1	23	<2	1.4	<5	14	.05	.009	1	2<	.01	131<	.001	<1	.10	.001	.02	<1	<1	.8	<1	.02	<1
STANDARD C3	26	67	36	162	6.7	38	12	815	3.19	55	19	<2	22	28	23.1	14.8	24.9	81	.55	.091	18	173	.60	152	.090	21	1.79	.030	.16	.15	1.3	1	.7	.03	8
STANDARD G-2	1.6	4	3	44	<1	8	5	384	2.00	<1	2	<2	4	76	<2	<5	<5	43	.66	.107	8	80	.64	239	.141	3	.95	.068	.56	2	<1	1.9	<1	<.02	5

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

Data___ FA___

ACME ANALYTICAL LABORATORIES LTD (ISO 9002 Accredited Co.) 852 E HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT PLATA File # A102907 Page 1

500 625 Howe St , Vancouver BC V6C 2T6 Submitted by Gerry Carlson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
C 115251	2	9	41	7	62	.1	34	1	12	2.22	45	18	<2	3	99	.6	2.7	<.5	600	.22	162	6	48	.06	1483	.015	4	2.43	.006	.05	<.1	<1	6.7	1	.06	4
C 115252	3	2	17	6	67	.1	20	3	47	2.71	16	1	<2	1	9	1.8	1.0	<.5	12	.12	011	4	96	.04	50	.001	3	1.46	.007	.06	2	1	.6	<.1	1.55	1
C 115253	1	0	15	17	21	<.1	17	16	889	2.93	5	<1	<2	4	164	<.2	<.5	<.5	12	6.60	009	3	26	2.62	550	<.001	6	.38	.006	.19	1	<1	6.0	<.1	.31	1
C 115254	1	7	18	10	27	<.1	12	4	45	4.62	9	<1	<2	2	15	<.2	.7	<.5	4	.49	018	2	61	.24	28	.001	6	.06	<.001	.19	2	<1	1.1	1	3.15	<1
C 115255	2	6	22	12	2677	.1	38	15	633	3.30	9	2	<2	9	104	3.5	1.4	.6	9	2.53	059	5	51	1.32	74	.001	7	.36	.002	.14	<1	<1	6.0	<.1	1.46	<1
C 115256	1	0	48	19	135	.4	30	4	95	4.01	15	1	<2	2	16	.2	<.5	<.5	23	.08	064	2	60	.31	465	<.001	1	1.08	.026	.16	1	1	.9	.7	1	.15	2
C 115257	15	2	41	5	63	.7	28	3	39	1.93	72	.6	<2	2	511	1.6	1.0	.5	88	1.38	669	4	88	.01	14169	.002	2	2.35	.003	.04	3	1	4.1	<.1	<.02	4
C 115258	1	4	14	54	56	.4	15	2	24	1.90	26	<1	<2	1	13	<.2	.8	<.5	17	.01	022	2	19	.03	94	.002	12	.62	.001	.28	1	<1	2.9	1	.85	1
C 115259	16	5	96	6	300	1.6	58	2	15	.93	36	7	<2	2	125	1.8	32.1	<.5	510	.12	070	5	90	<.01	11539	.033	1	1.40	<.001	.02	1	<1	.8	.2	<.02	3
C 115260	4	9	28	4	17	1.2	30	4	28	1.44	14	1	<2	1	149	<.2	2.9	<.5	12	<.01	003	<1	32	<.01	267	.001	<1	.01	<.001	.04	1	<1	1.1	<1	.26	1
C 115261	7	0	48	1	73	1.9	28	1	12	.69	28	4	<2	1	326	.9	21.2	<.5	82	.14	097	3	57	<.01	7924	.003	1	1.08	<.001	.03	<1	1	2.8	<1	<.02	1
C 115262	1	3	2	<1	2	.1	3	<1	1	.04	2	1	<2	<1	136	<.2	<.5	<.5	2	<.01	002	<1	2	<.01	1676	<.001	2	.03	<.001	<.01	<1	<1	2	<1	.05	<1
C 115263		6	303	7856	5328	109.8	26	6	19979	9.52	159	<1	<2	1	44	35.5	60.8	<.5	16	.02	005	1	50	.02	1469	.001	3	.18	<.001	.07	2	2	5.7	4	.09	<1
C 115264	<.2		33	105	811	2.3	35	1	10975	14.64	15	<1	<2	1	875	3.3	<.5	<.5	9	3.34	067	11	23	3.29	40	.001	5	.24	<.001	.08	<1	<1	6.4	<1	1.81	1
C 115265		9	6	23	82	1.1	4	<1	144	.73	4	1	<2	<1	185	1.5	1.5	<.5	50	.03	002	<1	3	.03	1243	<.001	<1	.10	<.001	<.01	<1	1	4	<1	.06	<1
C 115266	2	6	11	2	31	.1	6	1	22	.37	10	1	<2	<1	290	1.1	4.1	<.5	24	.02	029	1	41	<.01	3869	.004	2	.14	<.001	.03	1	2	5	<1	.02	<1
C 115267	26	8	21	35	160	3.0	52	4	142	1.63	32	10	<2	4	684	2.5	6.7	.6	1053	.61	122	9	66	.03	2186	.007	4	2.16	<.001	.21	1	1	4.9	1	<.02	4
C 115268	1	1	31	14	114	<.1	59	16	767	4.17	10	<1	<2	3	21	2	.5	.5	32	.06	055	2	46	.92	1411	.001	1	2.06	.021	.17	<1	1	4.5	1	.05	5
C 115269	1	1	3	<2	19	<.1	6	1	7	.20	3	1	<2	<1	40	2	.5	<.5	16	<.01	002	<1	4	<.01	1641	<.001	<1	.08	<.001	<.01	<1	<1	3	<1	.05	<1
C 115270	1	3	3	<2	8	<.1	5	<1	5	.20	3	1	<2	<1	27	<.2	.6	<.5	37	.01	012	1	5	<.01	1501	<.001	<1	.10	<.001	<.01	<1	<1	3	<1	.35	<1
RE C 115270	1	3	3	<2	9	<.1	5	<1	4	.20	3	1	<2	<1	27	<.2	.9	<.5	35	.01	012	1	5	<.01	1519	<.001	<1	.10	<.001	<.01	<1	<1	4	<1	.05	<1
C 115271	25	8	53	5	72	.3	60	1	18	1.22	35	10	<2	3	17	1.1	3.4	<.5	541	.01	016	5	43	.01	6769	.007	<1	2.45	<.001	.06	1	1	4.6	3	<.02	6
C 115272	2	1	28	27	114	.1	28	9	198	6.35	33	<1	<2	3	12	<.2	.6	<.5	24	.01	135	2	23	.18	1287	<.001	<1	.89	.028	.17	1	1	7.0	1	.09	2
C 115273	1	2	14	23	699	.7	22	2	1284	1.89	5	1	<2	1	194	9.5	<.5	<.5	6	.80	021	1	14	.33	192	.001	2	.42	<.001	.07	<1	<1	2.9	1	.50	1
C 115274	3	0	50	7	226	.8	39	5	229	2.82	20	2	<2	1	172	.7	1.7	<.5	20	.51	033	4	31	.74	86	.001	<1	1.97	.007	.05	<1	1	8.0	<1	.76	3
C 115275	3	1	29	7	74	1.0	17	1	41	1.40	13	<1	<2	2	18	.3	2.5	<.5	13	.01	019	6	76	.02	2106	.001	3	.66	<.001	.07	2	1	1.3	1	.05	1
C 115276	4	3	14	6	77	.3	17	<1	51	.58	15	2	<2	<1	36	1.3	5.3	<.5	83	.01	013	<1	15	.01	1356	.001	<1	.31	<.001	<.01	1	<1	1.3	2	.05	<1
C 115277	1	6	31	22	374	1.3	22	2	463	1.46	10	1	<2	1	225	2.9	4.4	<.5	11	.76	023	3	12	.42	124	.001	<1	.76	<.001	.02	<1	<1	2.7	<1	.50	1
C 115278	1	5	29	149	980	1.9	40	5	936	1.97	7	2	<2	<1	110	6.4	2.1	<.5	12	.90	026	1	18	.47	68	.001	2	.66	<.001	.06	<1	<1	3.9	<1	.97	1
C 115279	13	5	28	7	152	.1	58	5	113	1.10	33	4	<2	2	30	1.7	2.1	<.5	229	.03	016	6	73	.01	28143	.003	1	2.02	<.001	.06	1	2	3.4	2	<.02	5
C 115280	2	6	64	121	6138	17.5	6	<1	75898	26.01	24	1	<2	2	94	64.1	<.5	2.0	126	.59	172	15	22	.93	1134	.001	7	.15	<.001	.04	<1	<1	1.0	2	.08	<1
C 115281	3	4	40	7	118	.9	22	3	349	1.36	6	<1	<2	1	13	.8	1.8	<.5	17	.05	039	1	31	.01	1065	.001	<1	.21	<.001	.06	<1	<1	1.9	<1	.03	1
C 115282	4	3	27	4	106	.3	18	2	386	2.40	10	<1	<2	<1	12	4	.1	<.5	31	.05	034	2	51	.18	409	.001	<1	.29	.002	.09	1	<1	2.8	1	.05	1
STANDARD C3	26	0	67	37	165	6.1	36	11	799	3.39	55	24	3	21	29	24.0	14.4	24.2	81	.60	068	19	170	.64	155	.109	19	1.90	.033	.17	15	1	4.3	<1	.07	7
STANDARD G 2	1	6	8	9	44	<.1	7	4	561	2.19	<1	3	<2	5	71	<.2	<.5	<.5	43	.59	096	3	39	.64	221	.159	2	1.93	.072	.51	2	<1	2.5	<1	<.02	5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES
UPPER LIMITS - AG, AU, HG, W = 100 PPM, MO, CU, CD, SB, BI, TH, U & B = 2,000 PPM, CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE P1 TO P2 ROCK P3 ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED AUG 27 2001 DATE REPORT MAILED Sept 11/01 SIGNED BY D TOYE, C LEONG, J WANG, CERTIFIED B C ASSAYERS

All results are considered the confidential property of the client Acme assumes the liabilities for actual cost of the analysis only Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
W-80-M	1	8	28	9	45	<1	20	1	60	68	12	<1	<2	<1	23	2	2	0	< 5	11	02	015	<1	77	05	883	001	4	33<	00	06	2	<1	1 4	1	09	1
W-81-M	4	8	14	2	32	1	7	1	45	1 37	11	<1	<2	1	143	< 2	2	2	< 5	9	02	022	1	63	02	143<	001	2	34<	001	08	2	<1	1 3	<1	37	1
W-81B-M	9	9	49	8	39	1 9	'8	<1	17	2 35	50	5	<2	2	28	4	9	5	< 5	83	01	028	4	32	13	255	001	2	1 89	002	23	2	2	6 9	<1	21	4
W-84-M	12	1	22	6	45	1	22	1	27	1 35	23	4	<2	4	37	< 2	3	9	< 5	58	01	025	10	39	02	488	002	3	64	005	12	2	<1	3 0	2	12	1
W-85-M	19	9	41	<2	23	< 1	3	<1	6	1 82	134	8	<2	2	94	9	15	1	< 5	168	01	261	1	28<	01	735	001	1	25<	001	01	1	<1	2 7	2	07	1
W-88-M	2	9	10	<2	14	< 1	2	<1	4	22	14	3	<2	1	57	< 2	1	2	< 5	46<	01	006	1	13<	01	1202<	001	1	19<	001	01	<1	<1	8	1	05	1
RE W-88 M	2	8	10	2	16	< 1	2	<1	4	21	13	3	<2	<1	55	2		6	< 5	45<	01	006	1	12<	01	1215<	001	<1	18<	001	01	<1	<1	8	<1	05	1
STANDARD C3	25	1	66	33	166	5 8	35	11	784	3 24	54	23	<2	21	27	24	4	15	4 22	5	77	57	085	18	163	61	147	105	22	1 81	034	16	15	1	3 9	<1<	02	7
STANDARD G-2	1	6	3	4	68	< 1	7	4	580	2 06	<1	3	<2	5	74	< 2	<	5	< 5	43	71	096	8	78	65	225	165	3	1 07	078	52	2	<1	2 6	<1<	02	5

Sample type ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc PROJECT PLATA File # A102907 Page 3

500 625 Howe St , Vancouver BC V6C 2T6 Submitted by Gerry Carlson

SAMPLE#	Au* ppb
C 115252	1 9
C 115254	1 4
C 115263	33 6
C 115264	8 2
RE C 115264	7 8
STANDARD DS3	22 2

AU* BY ACID LEACHED, ANALYZE BY ICPMS (10 gm)
- SAMPLE TYPE P1 TO P2 ROCK P3 ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED AUG 27 2001 DATE REPORT MAILED Sept 11/01 SIGNED BY C Leong D TOYE, C LEONG, J WANG, CERTIFIED B C ASSAYERS

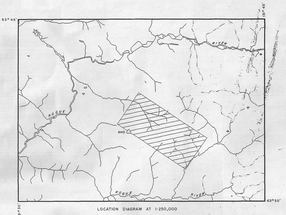
Data___ FA ___

PLATA PROPERTY Y.T.

COPPER RIDGE EXPLORATIONS INC.

MAP SCALE

FEET 1000 500 0 1000 2000 3000 FEET



LOCATION DIAGRAM AT 1:250,000

DATE OF PHOTOGRAPHY: SEPT 3, 1972
DATE OF MAPPING : SEPT, 1972

LEGEND

Improved road
Secondary road
Track or trail
Railway
Contours — 5000
Cut line
River
Stream
Intermittent stream
Swamp
Spot elevation — 4180
Horizontal control — △ STA 16
Vertical control — V-470-87

GEOLOGICAL LEGEND

CRETACEOUS

Tombstone Intrusive Suite

Kdp – White and rusty weathering quartz-feldspar porphyry dikes and sills.

TRIASSIC

Jones Lake Formation

TJslts – Interbedded orange-brown weathering olive green siliceous shale and recessive grey shale.

CARBONIFEROUS to PERMIAN

Tischu Group (probable equivalent)

CPsh – Orange-brown and dark grey weathering black siltstone; **CPch** – Light grey weathering grey chert.

DEVONIAN to LOWER CARBONIFEROUS

Earn Group

DE – Undifferentiated shale, siliceous shale and chert; **DEsh** – Blue-brown weathering siliceous shale to argillite, minor siltstone; **DEch** – Gossanous white and yellow weathering, thin to medium bedded grey and black chert; **DEcpc** – conglomerate and grit with chert clasts; **DEba** – Stratiform, laminated barite.

UPPER PROTEROZOIC TO MIDDLE CAMBRIAN

Hyland Group

PHsh – Maroon, green, brown and black shale and siltstone; **PHq** – Light brown weathering grit, sandstone and thin-bedded sandstone interbedded with shale; **PHl** – White weathering, thick-bedded grey-white limestone.

Geological Contact (mapped, inferred)
Fault
Thrust Fault
Geological station
Showing