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COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 106 D/16, C/13

1995 ASSESSMENT REPORT

CORD PROPERTY

GROUND GEOPHYSICAL SURVEYS (HLEM/MAG), GEOLOGICAL MAPPING AND SILT GEOCHEMISTRY

MAYO M.D., YUKON

BONNET PLUME RIVER AREA

WORK PERIOD

August 16-30, 1995

LATITUDE: 64°52' N

LONGITUDE: 134°52' W

MARCH, 1996

PAUL A. MacROBBIE

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 68,000.

M. Burke

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENTS

FIGURES

APPENDICES

ATTACHMENTS

Cominco Ltd.

Exploration
NTS: 106 D/16, C/13

Western Canada
March, 1996

1995 ASSESSMENT REPORT
CORD PROPERTY, YUKON TERRITORY

1. SUMMARY

The CORD property is located in the Wernecke Mountains approximately 165 kms NE of Mayo, Yukon, which is approximately 410 kms by road from Whitehorse, Yukon. The property was accessed with a helicopter based at the Bear River airstrip located about 15 kms WSW of the property.

The CORD property comprises 170 units owned 100% by Nordac Resources Ltd.. Cominco Ltd. optioned the property in 1995 and has subsequently dropped the option in early 1996.

The Wernecke Mountains, in the property area, are underlain by a 12 kms thick sequence of fine to coarse clastic sedimentary and carbonate sedimentary sequences of the Early Proterozoic Wernecke Supergroup. The Wernecke Supergroup has been subdivided into 3 groups: a lower Fairchild Lake Group, middle Quartet Group and upper Gillespie Lake Group.

The CORD property was optioned by Cominco based on its potential to host a significant, large tonnage and relatively high grade, stratiform SHMS Zn-Pb deposit. Of particular interest was the striking similarities of the CORD mineralization to that of Australian Early Proterozoic SHMS deposits such as Century, McArthur River and Mt. Isa.

The property is underlain by a NE-striking and gently to moderately SE-dipping sequence of dolomite, dolomitic siltstone and minor variably dolomitic shales of the Gillespie Lake Group deposited within a shallow to deep(?) water, lacustrine to marine shelf-basin environment. This sequence hosts 2 intervals (*LOWER* and *MAIN ZONES*) containing stratiform py-sp±ga mineralization. These intervals are typified by:

- their thin bedded nature,
- the high proportion of carbonaceous, variably sideritic, pyritic mudstone interbeds,
- the presence of abundant thin chloritic phyllite (mafic tuff),
- the presence of abundant light to medium grey, locally pyritic, chert nodules/lenses and interbeds,
- the presence of locally well developed, black mudstone-hosted, stratiform py-sp±ga mineralization,
- the pyritic nature of the interbedded dolomite/sideritic dolomite lithologies, and
- the characteristic dark chocolate brown to maroon weathering (high Mn-Fe content) and dark grey to black coloration of the interbedded dolomite/siderite lithologies.

The most significant style of mineralization comprises well laminated, very fine-grained to fine-grained pyrite(pyrrhotite)-sphalerite-galena typically confined to interbeds of dark, reduced, carbonaceous and variably dolomitic mudstones. Significant Fe-Mn-carbonate/siderite alteration and silicification within the "hangingwall" and "footwall" sequences is developed in apparent proximity to areas of Zn-Pb mineralization.

It is realized that exploration on the CORD property has progressed to the drill stage and that wide spaced, stratigraphic drill testing is required. Before an anticipated drill program in 1996, it was decided to conduct a preliminary 1995 program to familiarize ourselves with the property and to test whether a lithogeochemical approach could help target a drill hole and whether ground geophysical surveys, GRAVITY in particular, might identify a drill target. Between August 16 and 30, 1995, a total of 8.0 lkms of GRAVITY, 9.1 lkms of HLEM and 12.2 lkms of total field MAGNETICS were surveyed on the property by a Cominco geophysical crew. Geological mapping at 1:10,000 and 1:5,000 scale was carried out and a total of 42 silt samples and 74 rock samples were collected on the property during this same time period.

Unfortunately, severe topographic effects make interpretation of the GRAVITY data difficult and may, in fact, likely overwhelm any response that a buried deposit might have. Several narrow zones of increased density were identified and appear to correlate with outcropping sideritic dolomite units. The data should be terrain corrected to ensure that no anomalies exist in the data set. The sideritic dolomites are associated with mineralized black mudstones and locally developed magnetite Fe-formations, suggesting that a correlation of GRAVITY and

MAGNETIC anomalies should exist. This appears to be the case. As expected, the HLEM surveys located zones of conductivity which roughly correlate with areas of magnetic activity and locally elevated gravity responses.

The stream silt sampling was designed to give an indication of the down creek/slope dispersion of the *MAIN* and *LOWER ZONE* showings and the associated soil anomalies. The rock samples were collected to include mineralized samples and samples of unmineralized hosting units. The whole rock and trace element analyses were to be examined using recent studies of alteration halos about various Australian-type Proterozoic SHMS deposits as a model.

The 1995 work indicates that the geophysical surveys conducted probably cannot effectively discriminate a sulphide mass at depth. Given the target mentioned above, the next logical step would involve drilling several stratigraphic drill holes down dip of the *MAIN ZONE* to intersect increased sulphide thicknesses and grade. Observed facies changes and perhaps lithogeochemistry would provide vectors to a potential orebody. At this time, the *LOWER ZONE* does not appear to have the same potential as the *MAIN ZONE.*

The option agreement combined with the difficult economics, negate Cominco from conducting such a drill program at the present time. Consequently the property has been returned to Nordac Resources Ltd.. An evaluation of the silt and rock geochemistry has been postponed in favour of active projects.

2. LOCATION AND ACCESS

The CORD property is located approximately 165 kms NE of Mayo, Yukon, within NTS mapsheets 106 D/16 and C/13 (Figure 1). Mayo is approximately 410 kms by road from Whitehorse, Yukon.

The property was accessed with a helicopter based at the Bear River airstrip located about 15 kms WSW of the property. Equipment and fuel were mob/demobilized from Mayo to the airstrip using a Shortz SkyVan.

Other access to the area includes a winter road along the Bonnet Plume River which comes to within 10 kms of the property. Another recently upgraded airstrip is located about 16 kms NNW of the property on the north side of the Bonnet Plume River where the creeks draining the property area join the Bonnet Plume River.

3. PROPERTY AND OWNERSHIP

The CORD property comprises 170 units owned 100% by Nordac Resources Ltd.

NAME	UNITS	CLAIM NO.	DUE DATES
CORD 1-40	40	YB22287-326	June 21/2003
CORD 41-170	130	YB22351-480	July 16/2001

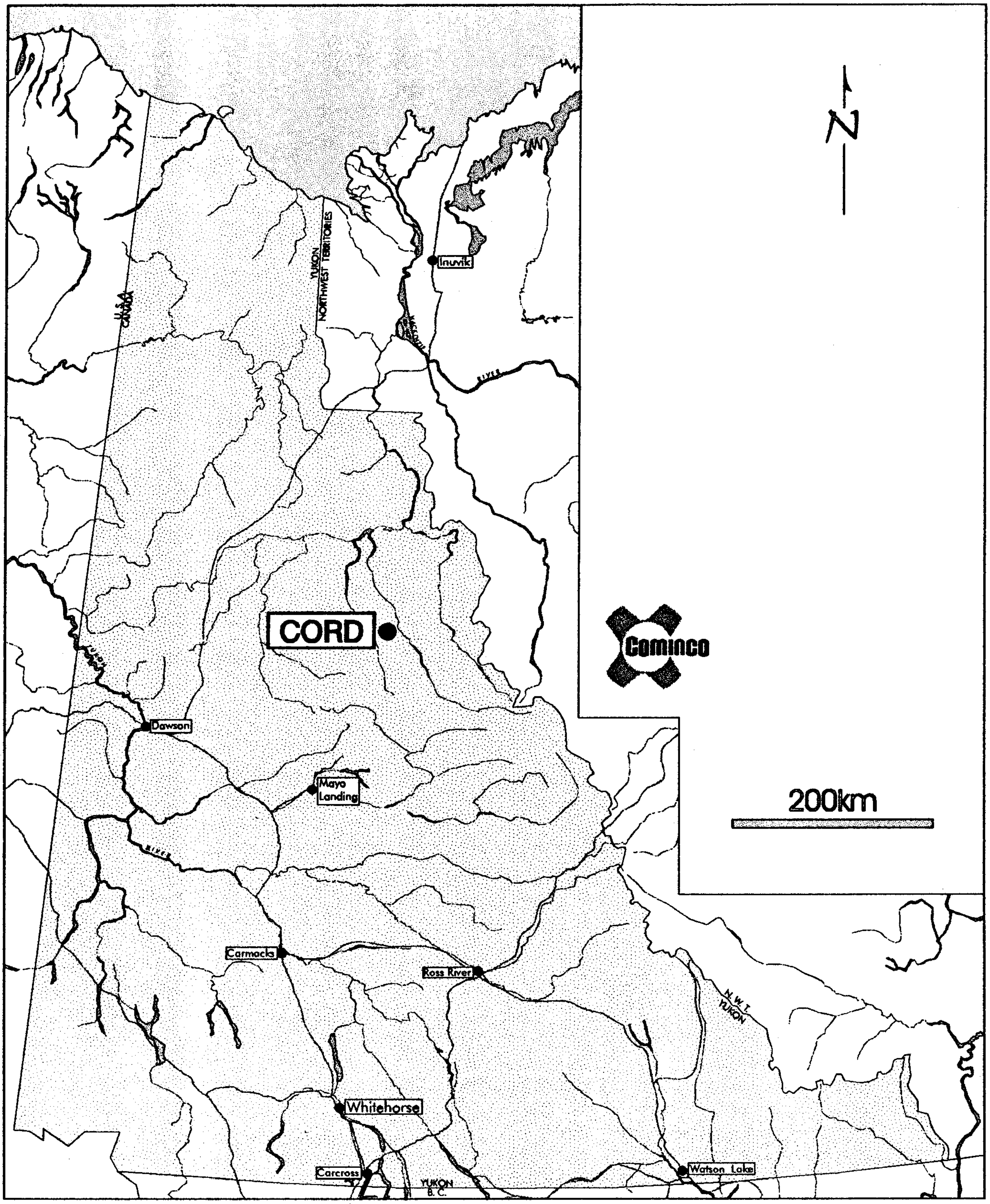
Cominco Ltd. had an option to earn a 60% undivided interest in the property by making cash payments totaling $200,000 ($10,000 firm on signing) and incurring cumulative exploration expenditures of $2,000,000 ($75,000 firm by January 15/96) by January 15, 2000. The option was dropped by Cominco Ltd. on January 15/96.

4. PREVIOUS WORK

The first claims to cover the present CORD property area were staked in 1975 by Cordilleran Engineering, as part of a regional program funded by Rio Tinto Canadian Exploration Ltd., to cover an area of Pb-Zn anomalous stream sediment geochemistry (Troop and Marsh, 1976). Geological mapping, prospecting and geochemical surveys by Rio Tinto (later Riocanex Inc.) resulted in the identification of several stratiform pyrite showings containing variable amounts of sphalerite-galena-chalcopyrite (Hardy and Marsh, 1977). Subsequent to hand trenching and ground geophysical surveys (MAG, EM, MAXMIN) in 1980/81, 4 diamond drill holes ,totaling 366 m, were completed in 1981 (Campbell and McClintock, 1980; Hardy and Marsh, 1981). Of these 4 holes , only 2 holes, DDH81-1 and 81-4, were successful in reaching bedrock. The best result was a 2 m interval in DDH81-1 which returned 0.7% Zn, 1.3% Pb and 2.5 g/t Ag. No further work was carried out and the claims were allowed to lapse.

The area was restaked by NDU Resources Ltd. in 1989; however, no work was recorded and the claims lapsed.

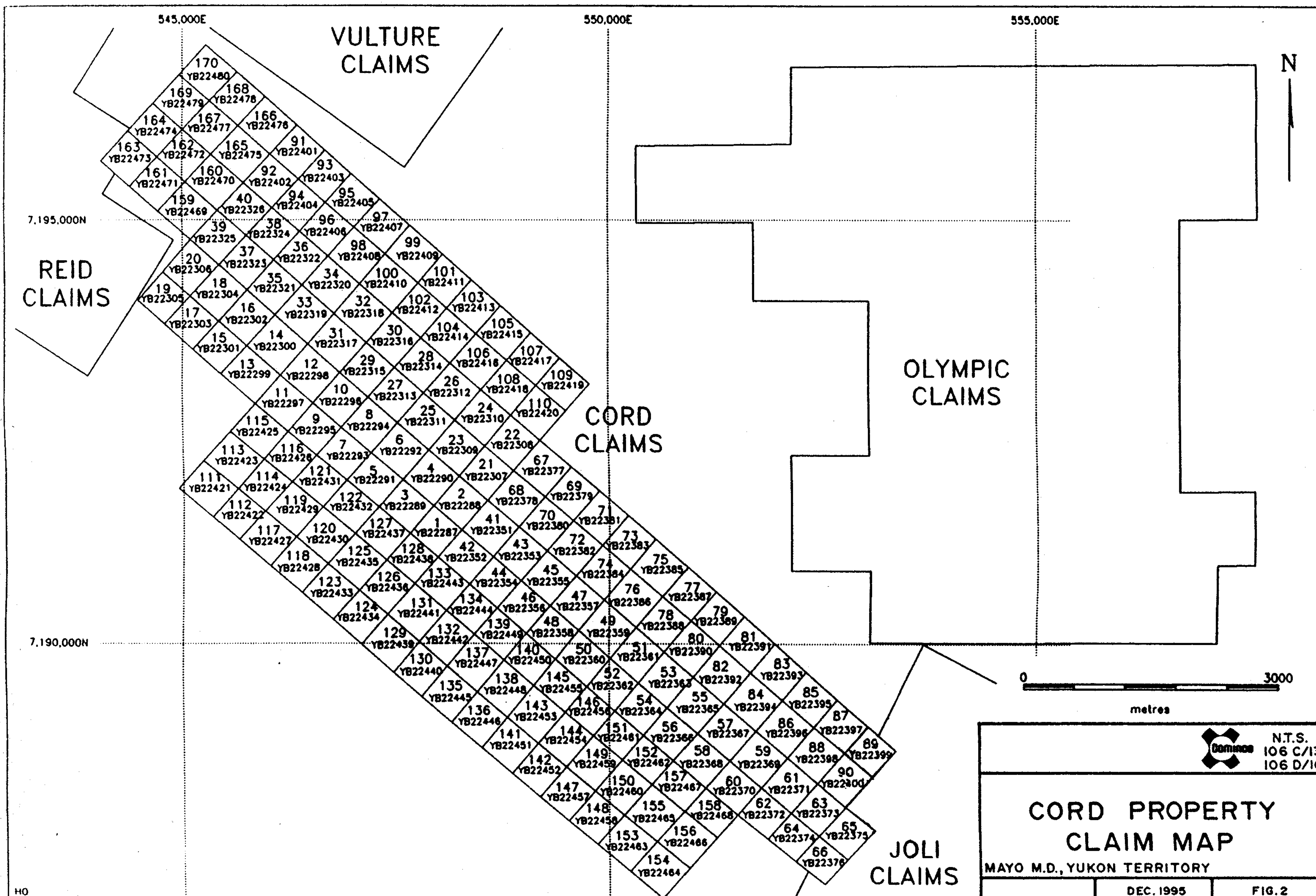
The present CORD property was staked in 1993 by Archer Cathro & Associates (1981) Ltd., as part of a regional program with Kennecott Canada Inc. Geological mapping and geochemical surveys were conducted over and about



Drawn by:		Traced by: a. m. a.	
Revised by:	Date:	Revised by:	Date:

CORD PROPERTY LOCATION MAP

Scale: As Shown	Date: March, 1996	Plate: 1



N.T.S.
106 C/13
106 D/16

CORD PROPERTY
CLAIM MAP
MAYO M.D., YUKON TERRITORY

DEC. 1995 | FIG. 2

the known stratiform sulphide showings and Pb-Zn soil geochemistry anomalies on the property (Hulstein, 1994). No work was undertaken in 1994. The ownership of the property was moved to Nordac Resources Ltd. and, in 1995, the property was optioned to Cominco Ltd.

5. 1995 WORK

GEOLOGICAL MAPPING

Between August 16 and 30, 1995, 1:10,000 and 1:5,000 scale geological mapping was carried out by P.A. MacRobbie and D. Rhodes (Figure 3, 4).

GEOPHYSICAL SURVEYS

Between August 16 and 30, 1995, a total of 8.0 lkms of GRAVITY, 9.1 lkms of HLEM and 12.2 lkms of total field MAGNETICS were surveyed on the property (Figure 5) by a Cominco geophysical crew (Hall, 1995).

SILT AND ROCK GEOCHEMISTRY

A total of 42 silt samples and 74 rock samples were collected on the property during this time period. Data is presented in Figure 5 and Appendix 2.

The soil and rock samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, W, Sr, Y, La, Mn, Mg, Ti, Al, Ca, Na and K by I.C.P. Silts were also analyzed for Au by Aqua Regia decomposition/AAS and Ba by XRF/loose powder. All analyses were completed at Cominco Exploration Research Laboratory (CERL) in Vancouver. All rocks were also analyzed for major oxides by Li Borate Fusion/XRF (FeO by acid digestion/volumetric; LOI gravimetrically) and S, Th by XRF/pressed pellet and CO_2 and total C by an outside laboratory.

6. REGIONAL GEOLOGY

The Wernecke Mountains, in the CORD property area, are underlain by fine-coarse clastic to carbonate sedimentary lithologies of the Early Proterozoic Wernecke Supergroup. The Wernecke Supergroup has been subdivided into 3 groups.

The oldest units comprise the >4 kms thick Fairchild Lake Group composed primarily of dark grey to black siltstones and minor carbonate deposited in a deep marine environment shoaling upwards into a deep-shallow marine, clastic-carbonate shelf setting at the top of the Fairchild Lake Group (Delaney, 1981). New 1995 U-Pb age determinations on sphenes from mafic dykes cross cutting the Fairchild Lake Group returned ages of 1708-1724 Ma (Thorkelson, pers. comm.).

The Fairchild Lake Group grades upwards into the >5 kms thick Quartet Group composed primarily of dark grey, pyritic siltstone, sandstone and shale reflecting a return to deeper marine basin environment.

The Quartet Group is overlain by the >4 kms thick Gillespie Lake Group comprised predominantly of dolomite, dolomitic siltstone and minor variably dolomitic shales deposited within a shallow to deep(?) water, lacustrine to marine shelf-basin environment (Delaney, 1981; Thorkelson and Wallace, 1993, 1994 and 1995). Mafic to intermediate volcanics and dykes are relatively minor.

Wernecke Breccias do not extend beyond an angular unconformity at the top of the Wernecke Supergroup into the over lying Late Proterozoic Pinguicula Group (Thorkelson and Wallace, 1993, 1994 and 1995). These structurally controlled breccias locally host significant Cu-Co-U-Ag-Au mineralization. New 1995 U-Pb age determinations on sphenes from breccias at Slab Mountain suggest an age of 1595-1610 Ma (Thorkelson, pers. comm.).

The 1.3 Ga Racklan Orogeny, reflected by the angular unconformity, produced S to SE verging, inclined to overturned folds, axial planar cleavage, kink bands and late faulting.

The Pinguicula Group, comprising a thick (up to 3.8 km) sequence of carbonates and siliciclastics, as well as the underlying Wernecke Supergroup are deformed by W to SW-verging thrust faulting, associated folding and late normal faulting. The angular unconformity at the upper contact of the Pinguicula Group with the overlying, thick (up to 2.5 km) 0.6-0.8 Ga Windemere Supergroup reflects this late deformational event. Evidence of Lower Paleozoic thrusting and subsequent normal and strike-slip faulting is present.

7. PROPERTY GEOLOGY AND MINERALIZATION

The CORD property is underlain by a NE-striking and gently to moderately SE-dipping sequence of Gillespie Lake Group strata (Figures 3). Oldest units outcrop on the northwest side of the property and young to the southeast. The northwest flowing Camp Creek and its tributary Snakehead Creek, cut the stratigraphic package and provide good exposures.

Hulstein (1994) provides a detailed description of the property geology. Unit names used in the geological legend (Unit 1-12) are those of Hulstein (1994).

Geological mapping by Cominco was intended to provide an understanding of the geology and mineralization as described by Hulstein (1994), in preparation for a drill program in 1996. The reader is referred to Hulstein (1994) for additional geological description than that described herein. This report's geological descriptions, rely heavily on those of Hulstein (1994). Comments on geology based on Cominco work are intended to modify or clarify those of Hulstein (1994).

Unit 1, the lowest stratigraphic unit, exposed on the west side of the property, was not examined in detail. This unit is thought to be part of the upper Quartet Group or lower transitional Gillespie Lake Group and comprises a thick sequence of dark grey to black, melanterite stained, generally thin bedded, well foliated, pyritic/pyrrhotitic mudstones and siltstones with minor intercalated, more massive, dark grey limestones and dolostones. Unit 1 appears to be in fault contact with Unit 2, along the ridge south of Camp Creek; however, exposures in Camp Creek and upslope to the north suggest a conformable contact marked by increasing bedding thickness and increasing proportion of dolomitic lithologies into Unit 2.

Unit 2 consists of a thick (up to 350-450 m ?) yellow, orange to grey weathering package of thin to thick bedded, massive medium to dark grey dolomite (locally containing chert nodules and lenses) and dolomitic mudstone and minor chert. The dolomites become brown to brick red weathering, reflecting a higher Fe (sideritic) content, and are locally brecciated towards the contact with the overlying Unit 3.

The *LOWER ZONE*, Unit 3, comprises a mixed package of rusty brown weathering, black, melanterite stained, variably carbonaceous, pyritic and sideritic fissile mudstone and silty mudstone interbedded with chocolate brown to brick red weathering, Mn-rich, dark grey to black, massive sideritic dolomite. Minor thick bedded buff dolomite and thin bedded chert and foliated mafic tuff intervals are present. Sulphide showings consist of 1-2 metre thick intervals containing finely laminated to thin bedded, stratiform py±sp within carbonaceous, variably calcareous and sideritic, fissile mudstone. Grab samples from a new *LOWER ZONE* showing (PMRC56,67-71a,b and c) grade up to 4.0% Zn and 0.3% Pb. Unit 3 appears to be thickest (possibly up to about 100-150 m ?) and to contain a high proportion of mudstone facies in the area immediately south of Camp Creek and rapidly thins (to about 10-25 m ?) on the ridge to the south. North of Camp Creek, Unit 3 thins and changes facies to predominantly thin to thick bedded, massive dolomites, although Mn-rich, sideritic dolomite with lesser black fissile mudstone intervals are present.

Unit 4 is a thick (up to 400-500 m ?) consists predominantly of thin to thick bedded, light grey to tan to orange brown weathering, massive, medium grey dolomite and dolomitic mudstone, typically containing sparse to abundant dark grey to black chert nodules, lenses and discontinuous interbeds. Thin interbedded, variably carbonaceous and pyritic mudstones are rare, but, more abundant immediately above the Unit 3. Fe content of the dolomites may also show an increase near the basal contact with Unit 3 and possibly near the upper contact with Unit 5.

Unit 5 comprises a relatively thin sequence (up to 100-200 m thick) of medium to thick bedded, orange to buff weathering, massive, dark grey sideritic dolomite, dolomite and dolomitic mudstone with abundant thin to medium interbedded intervals of dark grey to black, variably carbonaceous and melanterite stained, fissile, pyritic mudstone. These pyritic mudstones are commonly mineralized over 1-10 cm thickness' with laminated to thin bedded, stratiform py-sp±ga (grab PMRC50) and contain thin siderite interbeds.

Units 6, 7 and 8 are here thought to comprise the *MAIN ZONE*. The distribution of Units 6, 7 and 8, as described by Kennecott, was confusing in the field because the *MAIN ZONE* appears to, in fact, consist of a mixed sequence with varying proportions of Unit 6, 7 and 8 lithologies.

The *MAIN ZONE* appears to be up to 150-200 m thick in the Camp Creek - Snakehead Creek area and, as with the *LOWER ZONE*, thins to about 50-100 metres to the south and north. The *MAIN ZONE* is typified by:

- its thin bedded nature,
- the high proportion of carbonaceous, variably sideritic, pyritic mudstone interbeds,
- the presence of abundant thin chloritic phyllite (mafic tuff),
- the presence of abundant light to medium grey, locally pyritic, chert nodules/lenses and interbeds,
- the presence of locally well developed, black mudstone-hosted, stratiform py-sp±ga mineralization,
- the pyritic nature of the interbedded dolomite/sideritic dolomite lithologies, and
- the characteristic dark chocolate brown to maroon weathering (high Mn-Fe content) and dark grey to black coloration of the interbedded dolomite/sideritic dolomite lithologies.

Unit 8 comprises predominantly dark chocolate brown to maroon weathering, thin to thick bedded, massive, dark grey to black, sideritic and pyritic dolomite with minor thin interbedded, fissile carbonaceous pyritic mudstone, chloritic phyllite (mafic tuff) and chert. Unit 8 has a sharp upper contact with Unit 9 dolomite south of Camp Creek and a relatively distinguishable lower contact with Unit 7 in Camp Creek.

Unit 7 and 8 are well exposed along Camp Creek where strata are generally flat lying to shallowly SE dipping. Unit 7 consists predominantly of fissile, medium bedded, massive to laminated, black carbonaceous mudstone containing locally abundant finely laminated to thin bedded, fine-grained massive pyrite and py-sp±ga beds. Grab samples (PMRC35-38, 41-43 and 48 and 49) along Camp Creek returned up to 2.5% Zn and 0.7% Pb. These stratiform pyritic horizons are up to 10 cms thick and contain up to 80% sulphide. Minor interbedded massive sideritic dolomite (Unit 8 lithology) and interbedded chert are present.

Below Unit 7, in the Camp Creek - Snakehead Creek confluence area, the *MAIN ZONE* appears to consist of a mixed sequence of Unit 8 and Unit 7 lithologies, as opposed to a distinguishable Unit 6; in fact, Unit 6 reads very similar to Unit 8 in the Kennecott report. This interval is very poorly exposed and appears to comprise a subequal proportion of dark chocolate brown to maroon weathering, thin to thick bedded, massive, dark grey to black, sideritic and pyritic dolomite (Unit 8 lithologies) and fissile, medium bedded, massive to laminated, black carbonaceous mudstone containing locally abundant laminated to thin bedded, fine-grained massive py and py-sp±ga (Unit 7 lithologies). Minor thin bedded, maroon to black weathering, manganiferous Fe-formation, consisting of fine-grained laminated magnetite (5-50%) in a light green, siliceous matrix, are locally developed within strongly Mn stained sideritic dolomite (grabs PMRC16, 17 and 75). In Figures 3 and 4, the *MAIN ZONE* is labeled as Unit 6 and 8; Unit 7 is not used, except along Camp Creek in Figure 4, because the proportion of Unit 7 lithologies with respect to Unit 8 lithologies, outside of the immediate Camp Creek area, is low and where developed are generally interbedded with Unit 6 and 8 lithologies.

Unit 9 is distinct from the *MAIN ZONE*. This relatively thin unit (50-100 m thick) comprises buff brown to orange weathering, dark grey to black, massive medium to thick bedded, locally pyritic and siliceous, weakly sideritic dolomite and dolomitic siltstone/mudstone with minor black fissile mudstone and mafic tuff. Chert lenses and thin interbeds are locally common.

Unit 9 grades up into Unit 10 which appears to be 100's of metres thick and consists of medium to thick bedded, often cross laminated, grey, buff to light orange brown weathering dolomitic siltstone and massive dolomite. The dolomites appear to become thinner bedded, locally quite siliceous, darker coloured and contain more abundant thin mudstone interbeds within 100-150 metres of Unit 9. Up section, Unit 10 dolomites become lighter coloured, thicker bedded and contain abundant shallow water indicators such as well developed stromatolites, cross bedding and molar tooth structures.

Unit 11 was not visited, but is described as "Ribbed Dolomitic Mudstone" by Hulstein (1994) consisting of light grey to orange brown weathering, thin interbedded dolomitic mudstone and locally siliceous, shale. Unit 11 is in apparent fault contact with Unit 10; it's relative stratigraphic position is unclear and the movement along the fault is unknown.

Unit 12 comprises a Wernecke Breccia exposed along a ridge on the north side of the property. This unit was not examined.

Kennecott mapping and that of Thorkelson and Wallace (1994) suggest the presence of a SE-trending graben structure within which the *MAIN* and *LOWER ZONES* are well developed. Small open to tight folds are very common, especially within the more incompetent lithologies. Hulstein (1994) identifies 2 sets of minor fold axes; one trending SW with gentle plunges to the south and a second set with EW trends and gentle east or west plunges. Steeply oriented, fold axial planar faults with apparently minor displacements are very common.

8. EXPLORATION MODEL

Various styles of mineralization on the CORD property are described by Hulstein (1994).

The CORD property was optioned by Cominco based on its potential to host a significant, large tonnage and relatively high grade, stratiform SHMS Zn-Pb deposit. Of particular interest was the striking similarities of the CORD mineralization to that of Australian Proterozoic SHMS deposits such as Century, McArthur River and Mt. Isa (Waltho et al., 1993; Lambert, 1983).

Similarities between the CORD property and Australian deposits mentioned include:

1. An interesting spatial association. Paleotectonic reconstructions (Hoffman, 1991) and comparisons of Late (and Middle) Proterozoic strata of Canada and Australia (Young, 1992; Young et al., 1979; Jefferson, 1978b) suggest that the northern Canadian Cordillera and northern Australia were juxtaposed in Late Proterozoic times and that the "equivalent strata" were deposited in a regional rift trough that periodically reactivated throughout the Proterozoic until the 2 land masses finally separated in the Cambrian.
2. Similar stratigraphic sequences. The hosting sequence to the CORD property is the >4km thick, Early Proterozoic Gillespie Lake Group, dominated by dolomite, dolomitic siltstone and relatively minor dolomitic shales deposited within a shallow water, lacustrine to marine environment (indicated by the presence of stromatolites, cryptalgal laminates, oolites and pisolites and locally developed psuedomorphs after gypsum and anhydrite and sedimentary structures such as cross bedding).
3. The close spatial association to synsedimentary? structures (ie. major faults, grabens) which were apparently active over a significant time span (pre-Wernecke Breccia faults - Richardson Fault Array).
4. Tuffaceous siltstones and tuff interbeds are commonly found in the sequence (often in the hangingwall) reflecting synsedimentary volcanism. Tuffs are noted within the "hangingwall " dolomites.
5. Evidence of prolonged basin tectonism is reflected by the numerous unconformities, lateral facies and thickness changes and presence of intraclastic conglomerates within the Late Proterozoic (Fifteen Mile Group) sequence.
6. The presence of stratiform/stratabound Zn-Pb showings.
   - The immediate host rocks comprise dark, reduced carbonaceous and pyritic dolomitic mudstones and interbedded, reduced, variably dolomitic siltstones and dolomite.
   - A significant proportion of the mineralization consists of well laminated pyrite(pyrrhotite)-sphalerite-galena typically confined to the carbonaceous shale units. Intervening siltstones are barren forming an alternating sulphide-rich, sulphide-poor sequence.
   - The development of significant Fe-carbonate-siderite alteration and silicification within the "hangingwall" and "footwall" sequences, in proximity to Zn-Pb mineralization.
7. The presence, regionally, of numerous associated, remobilized discordant lode-vein and carbonate-hosted Pb-Zn-Ag deposits. For example the Century district hosts 47 such deposits. The Proterozoic in the Wernecke Mountains is similarly mineralized (ie. Blende, Carpenter Ridge etc.), and,
8. Pb isotopes ratios of the Blende, CORD and numerous other showings are essentially identical and similar to Sullivan and McArthur River, indicating a similar early age of mineralization.

It is realized that exploration on the CORD property has progressed to the drill stage and that wide spaced, stratigraphic drill testing is required. Before an anticipated drill program in 1996, it was decided to conduct a preliminary 1995 program to familiarize ourselves with the property and to test whether a lithogeochemical approach could help target a drill hole and whether ground geophysical surveys, GRAVITY in particular, might identify a drill target.

9. GROUND GEOPHYSICS

Traditional EM and MAGNETIC geophysical methods of exploration are likely not useful in defining drill targets at the CORD property, given the nonmagnetic and conductive nature of the targeted Zn-Pb mineralization within very conductive enclosing host rocks. GRAVITY and IP appear to have had some success at locating SHMS deposits in Australia. It was hoped that a GRAVITY survey at the CORD maybe able to detect a sizable zone of increased density, which may represent a significant Zn-Pb SHMS deposit. The use of IP was to have been considered as part of a 1996 program.

During August, 1995, a total of 8.0 lkms of GRAVITY, 9.1 lkms of HLEM and 12.2 lkms of total field MAGNETICS were surveyed on the property by a Cominco geophysical crew. This work is reported by Hall (1995).

Two lines of GRAVITY were run along the valley bottom; L4900N was run along Camp Creek, L5000N was run up the center of the valley (Figure 5). Unfortunately, severe topographic effects make interpretation of the data difficult and may, in fact, likely overwhelm any response that a buried deposit might have. Several narrow zones of increased density were identified along the Camp Creek (L4900N between 4850W to 5900W) and appear to correlate with outcropping sideritic dolomite units. The data should be terrain corrected to ensure that no anomalies exist in the data set.

The sideritic dolomites are associated with mineralized black mudstones and locally developed magnetite Fe-formations, suggesting a possible correlation of GRAVITY anomalies with areas of high EM and MAGNETIC responses. This appears to be the case on L4900N, between 4850W and 5900W, which is quite magnetically active.

As expected, the HLEM surveys located zones of conductivity reflecting stratigraphic intervals containing a high proportion of black, carbonaceous mudstone. This zone of conductivity (L4900N between 4850W and 6000W) roughly correlates with areas of areas of magnetic activity and locally elevated gravity responses.

10. SILT AND ROCK GEOCHEMISTRY

A total of 42 silt samples (Figure 5) and 74 rock samples (Figures 3 and 4) were collected on the property.

The silt sampling was designed to give an indication of the down creek/slope dispersion of the *MAIN* and *LOWER ZONE* showings and the associated soil anomalies identified by Hulstein (1994). This information would help rank regional stream silt geochemistry anomalies. The data is here presented but has not been examined in detail.

The rock samples were collected to include mineralized samples and samples of unmineralized hosting units. The whole rock and trace element analyses were to be examined using recent studies of alteration halos about various Australian-type Proterozoic SHMS deposits as a model. The data is here presented but has not been examined in detail.

11. CONCLUSIONS AND RECOMMENDATIONS

The property is underlain by a NE-striking and gently to moderately SE-dipping sequence of dolomite, dolomitic siltstone and minor variably dolomitic shales of the Gillespie Lake Group deposited within a shallow to deep(?) water, lacustrine to marine shelf-basin environment. This sequence hosts 2 intervals (*LOWER* and *MAIN ZONES*) containing stratiform py-sp±ga mineralization. These intervals are typified by:

- there thin bedded nature,
- the high proportion of carbonaceous, variably sideritic, pyritic mudstone interbeds,
- the presence of abundant thin chloritic phyllite (mafic tuff),
- the presence of abundant light to medium grey, locally pyritic, chert nodules/lenses and interbeds,
- the presence of locally well developed, black mudstone-hosted, stratiform py-sp±ga mineralization,
- the pyritic nature of the interbedded dolomite/sideritic dolomite lithologies, and
- the characteristic dark chocolate brown to maroon weathering (high Mn-Fe content) and dark grey to black coloration of the interbedded dolomite/sideritic dolomite lithologies.

The most significant style of mineralization comprises well laminated, very fine-grained to fine-grained pyrite(pyrrhotite)-sphalerite-galena typically confined to interbeds of dark, reduced, carbonaceous and variably dolomitic mudstones. Significant Fe-Mn-carbonate/siderite alteration and silicification within the "hangingwall" and "footwall" sequences is developed in apparent proximity to areas of Zn-Pb mineralization.

The CORD property was optioned by Cominco based on its potential to host a significant, large tonnage and relatively high grade, stratiform SHMS Zn-Pb deposit. Of particular interest was the striking similarities of the CORD mineralization to that of Australian Proterozoic SHMS deposits such as Century, McArthur River and Mt. Isa.

It is realized that exploration on the CORD property has progressed to the drill stage and that wide spaced, stratigraphic drill testing is required. Before an anticipated drill program in 1996, it was decided to conduct a preliminary 1995 program to familiarize ourselves with the property and to test whether a lithogeochemical approach could help target a drill hole and whether ground geophysical surveys, GRAVITY in particular, might identify a drill target.

Unfortunately, severe topographic effects make interpretation of the GRAVITY data difficult and may, in fact, likely overwhelm any response that a buried deposit might have. Several narrow zones of increased density were identified and appear to correlate with outcropping sideritic dolomite units. The data should be terrain corrected to ensure that no anomalies exist in the data set. The sideritic dolomites are associated with mineralized black mudstones and locally developed magnetite Fe-formations, suggesting that a correlation of GRAVITY and MAGNETICS anomalies should exist. This appears to be the case. As expected, the HLEM surveys located zones of conductivity which roughly correlate with areas of magnetic activity and locally elevated gravity responses.

The stream silt sampling was designed to give an indication of the down creek/slope dispersion of the *MAIN* and *LOWER ZONE* showings and the associated soil anomalies. The rock samples were collected to include mineralized samples and samples of unmineralized hosting units. The whole rock and trace element analyses were to be examined using recent studies of alteration halos about various Australian-type Proterozoic SHMS deposits as a model.

The 1995 work indicates that the geophysical surveys conducted probably cannot effectively discriminate a sulphide mass at depth. Given the target mentioned above, the next logical step would involve drilling several stratigraphic drill holes down dip of the *MAIN ZONE* to intersect increased sulphide thicknesses and grade. Observed facies changes and perhaps lithogeochemistry would provide vectors to a potential orebody. At this time, the *LOWER ZONE* does not appear to have the same potential as the *MAIN ZONE.*

The option agreement combined with the difficult economics, negate Cominco from conducting such a drill program at the present time. Consequently the property has been returned to Nordac Resources Ltd.. An evaluation of the silt and rock geochemistry has been postponed in favour of active projects.

Report by:

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Endorsed by:

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Approved for
Release by:

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PAM/

DISTRIBUTION:
Nordac Resources Ltd.
Mining Recorder (2)
W.D. Files

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Paul A. MacRobbie, of 11164 Southridge Rd., Delta, B.C. hereby declare that I:

1. Graduated from Carleton University, Ottawa, Ontario with a B.Sc. in Geology in May, 1986 and a M.Sc. in Geology in June, 1988.

2. Have been actively engaged in mineral exploration in Western Canada as a permanent geologist with Cominco Ltd. since June, 1988.

3. Am a registered member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

Date: March, 1996

P.A MacROBBIE, P.Geo
Geologist

P. A. MacROBBIE
BRITISH COLUMBIA
GEOSCIENTIST

APPENDIX 2

1995 SILT AND ROCK GEOCHEMISTRY DATA

CORD OPTION
Silt ICP

LAB NUMBER	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	Au ppb	Wt Au gram	Ba ppm
S9530999	298250	24	9	56	<.4	7	32	<1	10	13	1.9	<2	9	<5	<5	10	7	<2	20	18	10	1630	5.69	<.01	0.85	7.69	0.01	0.07	10	10	356
S9531000	298251	28	10	78	<.4	9	31	<1	9	10	1.85	<2	6	<5	<5	8	3	<2	17	17	9	1461	5.22	<.01	0.51	7.72	0.01	0.06	<10	10	327
S9531001	298252	21	<4	93	<.4	4	29	<1	7	9	1.17	2	7	<5	<5	8	2	<2	147	12	12	1071	5.44	<.01	0.68	E12.71	<.01	0.15	<10	10	222
S9531002	298253	31	10	91	<.4	6	35	<1	9	15	2.18	<2	12	<5	<5	14	<2	<2	16	21	14	994	5.09	<.01	1.08	6.59	0.01	0.13	<10	10	362
S9531003	298254	54	18	83	<.4	15	104	<1	12	24	6.16	5	15	<5	<5	23	3	<2	7	53	30	5550	1.37	<.01	1.36	0.94	<.01	0.09	<10	10	549
S9531004	298255	103	93	142	<.4	226	47	<1	11	42	6.12	<2	15	<5	<5	31	<2	<2	23	17	7	4945	4.5	<.01	1.15	7.79	<.01	0.08	<10	10	310
S9531005	298256	39	28	100	<.4	18	45	<1	9	18	2.8	<2	13	<5	<5	19	7	<2	11	20	13	1700	3.68	<.01	1.11	4.49	0.01	0.17	<10	10	396
S9531006	298257	59	167	323	<.4	13	58	<1	9	21	4.1	<2	13	<5	<5	20	2	<2	22	18	10	3261	5.05	<.01	1.08	7.25	0.01	0.17	<10	10	345
S9531007	298258	90	510	1595	<.4	173	58	3	10	89	6.89	<2	12	<5	<5	29	2	<2	19	19	8	4469	5.02	<.01	0.94	7.76	<.01	0.15	<10	10	273
S9531008	298259	43	437	1120	<.4	53	47	1	6	22	5.98	<2	10	<5	<5	28	8	<2	19	16	8	3773	5.3	0.01	0.89	8.48	<.01	0.16	10	10	300
S9531009	298260	49	526	1431	<.4	70	46	2	6	24	6.9	2	11	<5	<5	31	8	<2	18	16	7	4003	4.83	0.01	0.9	7.84	<.01	0.16	10	10	264
S9531010	298261	77	1298	2658	<.4	125	51	4	5	30	E11.65	2	13	<5	<5	47	17	<2	17	16	5	5238	3.59	0.01	1.18	7.54	<.01	0.23	20	10	149
S9531011	298262	43	434	1088	<.4	30	56	2	7	22	5.96	<2	12	<5	<5	29	10	<2	18	16	8	3742	4.93	0.01	1.02	7.51	<.01	0.2	<10	10	328
S9531012	298263	80	665	1414	<.4	101	49	2	9	41	9.16	<2	14	<5	<5	41	9	<2	18	17	7	4993	4.59	0.01	1.25	6.81	<.01	0.26	<10	10	230
S9531013	298264	261	3445	2857	0.7	124	13	4	12	67	E14.22	<2	10	<5	<5	40	23	<2	9	18	5	3760	3.49	<.01	0.91	5.5	<.01	0.14	10	10	78
S9531014	298265	35	128	234	<.4	19	56	<1	6	16	3.77	<2	10	<5	<5	19	<2	<2	18	16	11	3056	5.26	0.01	0.86	7.92	0.01	0.17	<10	10	362
S9531015	298266	34	194	574	<.4	20	41	1	5	17	5.32	<2	12	<5	<5	26	6	<2	46	14	9	3813	4.49	0.01	1.16	9.61	<.01	0.25	23	10	270
S9531016	298267	27	585	802	<.4	18	98	1	4	16	8	<2	13	<5	<5	31	6	<2	22	14	8	9314	2.97	0.02	1.38	7.38	<.01	0.29	<10	10	301
S9531017	298268	26	69	185	<.4	22	48	<1	6	14	3.11	<2	9	<5	<5	16	<2	<2	17	15	11	2368	4.94	<.01	0.73	7.39	<.01	0.13	<10	10	329
S9531018	298269	27	115	337	<.4	23	105	<1	5	15	5.01	4	12	<5	<5	22	11	<2	18	20	10	4509	4.92	0.01	0.91	7.76	<.01	0.16	<10	10	372
S9531019	298270	35	19	64	<.4	12	58	<1	10	16	2.46	2	9	<5	<5	13	<2	<2	14	20	12	2107	4.52	<.01	0.67	6.41	<.01	0.08	<10	10	406
S9531020	298271	28	14	47	<.4	14	40	<1	7	11	1.82	<2	7	<5	<5	10	<2	<2	16	15	10	1528	5.27	<.01	0.48	8.09	0.01	0.07	<10	10	401
S9531021	298272	31	35	103	<.4	9	46	<1	11	18	2.85	<2	11	<5	<5	15	<2	<2	26	22	14	1358	3.05	<.01	1	5.52	<.01	0.11	<10	10	458
S9531022	298273	65	640	1848	<.4	82	44	2	4	27	8.77	3	14	<5	<5	42	7	<2	21	16	6	4815	4.66	0.01	1.13	7.75	<.01	0.2	<10	10	204
S9531023	298274	86	560	1295	<.4	5	43	2	6	24	6.53	<2	11	<5	<5	28	5	<2	19	16	7	3840	4.54	0.01	0.98	7.22	0.01	0.18	<10	10	295
S9531024	298275	114	621	1573	<.4	85	48	2	4	22	7.44	<2	11	<5	<5	34	12	<2	19	16	6	4599	5.25	0.01	1	8.37	<.01	0.2	<10	10	221
S9531025	298276	70	363	1523	<.4	83	63	2	5	22	7.09	3	11	<5	<5	33	8	<2	20	16	8	3520	3.81	<.01	0.9	7.96	<.01	0.11	<10	10	307
S9531026	298277	111	143	631	<.4	36	39	<1	5	17	6.01	3	9	<5	<5	23	14	<2	15	17	8	4923	4.64	0.01	0.96	7.08	<.01	0.15	<10	10	245
S9531027	298278	42	167	391	<.4	31	45	<1	4	18	4.45	<2	9	<5	<5	20	2	<2	18	11	7	2691	6.62	<.01	1.04	9.29	0.01	0.07	30	10	290
S9531028	298279	80	515	1616	<.4	78	42	2	4	22	7.47	<2	11	<5	<5	32	7	<2	21	15	7	4578	4.95	<.01	0.89	8.33	<.01	0.16	I	I	193
S9531029	298280	87	526	1319	<.4	66	42	2	5	20	6.62	2	9	<5	<5	26	7	<2	20	15	6	4161	4.72	<.01	0.8	8.8	<.01	0.14	10	10	197
S9531030	298281	59	340	1694	<.4	43	27	2	2	11	6.72	<2	7	<5	<5	23	5	<2	15	15	7	5588	5.38	<.01	0.76	8.98	<.01	0.13	10	10	131
S9531031	298282	96	474	1299	<.4	73	43	2	5	21	6.73	<2	9	<5	<5	27	7	<2	20	15	6	4413	5.15	<.01	0.8	8.8	<.01	0.14	<10	10	207
S9531032	298283	84	568	1362	<.4	57	32	1	3	20	7.24	<2	8	<5	<5	26	11	<2	22	14	5	4236	5.07	<.01	0.72	8.69	<.01	0.12	<10	10	182
S9531033	298284	47	36	162	<.4	17	29	<1	2	11	6.17	<2	5	<5	<5	18	8	<2	19	13	6	3921	5.61	<.01	0.52	9.97	<.01	0.08	<10	10	158
S9531034	298285	74	114	1918	<.4	73	43	1	10	23	7.32	<2	9	<5	<5	24	11	<2	14	15	8	5178	5.01	<.01	1.04	7	0.01	0.08	<10	10	308
S9531035	298286	76	399	1176	<.4	69	44	1	4	21	6.32	2	9	<5	<5	27	6	<2	21	15	6	4217	5.68	<.01	0.85	E10.05	<.01	0.14	<10	10	188
S9531036	298287	88	444	1241	<.4	65	42	1	3	21	7.52	<2	10	<5	<5	30	20	<2	20	15	6	4765	5.29	<.01	0.86	8.69	<.01	0.13	<10	10	179
S9531037	298288	46	59	919	<.4	29	34	<1	4	13	5.91	<2	6	<5	<5	20	8	<2	17	11	6	3850	6.53	<.01	0.51	E10.67	0.01	0.04	<10	10	182
S9531038	298289	89	120	857	<.4	60	61	1	12	25	5.94	<2	10	<5	<5	19	3	<2	14	12	8	3418	4.73	<.01	0.94	6.93	0.01	0.04	<10	10	387
S9531039	298290	91	574	1323	<.4	68	43	2	4	21	7.98	<2	9	<5	<5	29	15	<2	20	14	6	4933	5.06	<.01	0.85	8.34	<.01	0.13	<10	10	162
S9531040	298291	90	403	1311	<.4	63	42	1	3	19	7.54	<2	9	<5	<5	28	8	<2	20	15	5	4946	5.04	<.01	0.79	8.45	<.01	0.12	<10	10	161

CORD OPTION

Rock ICP

FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %
DRC02A	<1	<4	<1	<.4	6	<5	<1	<1	5	E11.18	<2	10	<5	<5	<2	2	<2	19	6	8	910	7.96	<.01	0.03	E14.41	0.01	0.02
DRC02B	5	<4	3	<.4	5	7	<1	1	5	1.26	<2	13	<5	<5	2	<2	<2	27	11	9	753	6.42	<.01	0.19	E12.08	<.01	0.18
DRC02D	1	<4	25	<.4	<2	12	<1	4	9	1.48	2	15	<5	<5	5	4	<2	30	12	13	1266	7.18	<.01	0.91	E11.50	0.01	0.29
DRC03A	1	<4	7	<.4	6	12	<1	4	7	1.07	<2	19	<5	<5	7	<2	<2	16	9	8	594	6.51	<.01	0.62	E10.66	<.01	0.56
DRC03B	3	<4	6	<.4	6	11	<1	5	9	1.06	<2	15	<5	<5	5	4	<2	15	11	8	514	6.4	<.01	0.45	E11.11	<.01	0.39
DRC05A	24	<4	5	<.4	5	6	<1	1	8	1.43	2	19	<5	<5	5	9	<2	17	11	6	726	7.18	<.01	0.17	E12.20	0.01	0.16
DRC05B	2	<4	6	<.4	10	6	<1	<1	4	0.78	<2	8	<5	<5	7	<2	<2	17	14	7	574	8.21	<.01	0.17	E13.88	0.01	0.14
DRC06A	6	<4	7	<.4	<2	6	<1	<1	2	4.04	<2	12	<5	<5	3	6	<2	19	17	7	3705	6.14	<.01	0.16	E14.32	0.01	0.1
DRC06B	7	<4	11	<.4	2	7	<1	<1	3	4.47	<2	12	<5	<5	8	7	<2	18	16	6	5338	6.46	0.01	0.55	E12.90	<.01	0.24
DRC07A	7	<4	21	<.4	12	<5	<1	<1	3	7.24	2	12	<5	<5	13	7	<2	25	16	8	10800	5.67	<.01	0.52	E14.21	<.01	0.06
DRC07B	5	<4	25	<.4	4	<5	<1	<1	3	6.69	2	15	<5	<5	8	8	<2	23	14	8	7924	4.42	<.01	0.68	E12.13	<.01	0.06
DRC08	24	<4	11	<.4	9	14	<1	2	7	1.33	<2	7	<5	<5	4	<2	<2	15	11	7	1707	9.09	<.01	0.05	E17.12	0.01	0.02
DRC10	5	<4	48	1.5	6	5	<1	<1	6	E13.31	<2	18	<5	<5	18	8	<2	10	8	7	12870	4.68	0.03	1.09	6.24	<.01	0.31
DRC13	7	E11603	5164	2.6	11	5	9	<1	5	8.56	2	11	<5	5	22	7	<2	20	14	5	5827	7.27	<.01	0.97	E13.98	<.01	0.22
PMRC01	5	<4	83	<.4	<2	15	<1	<1	11	9.59	<2	40	<5	7	49	12	<2	10	24	5	4367	5.12	0.1	3.22	5.68	<.01	1.79
PMRC03	2	<4	14	<.4	<2	<5	<1	<1	2	0.69	<2	8	<5	<5	<2	3	<2	21	5	6	667	9.65	<.01	0.1	E16.21	0.01	0.04
PMRC04	2	<4	17	<.4	5	21	<1	3	9	0.72	3	13	<5	<5	5	<2	<2	9	10	14	399	2.65	<.01	0.58	4.51	<.01	0.54
PMRC05	22	8	17	<.4	13	13	<1	3	17	2.24	3	15	<5	5	11	<2	<2	20	13	8	2649	5.37	<.01	0.34	E10.53	<.01	0.21
PMRC06	3	<4	56	<.4	6	<5	<1	2	4	3.38	<2	9	<5	<5	5	5	<2	23	16	6	5465	7.11	<.01	0.3	E13.87	<.01	0.01
PMRC07	<1	<4	38	<.4	3	8	<1	1	19	5.3	<2	32	<5	8	29	4	<2	11	8	12	2607	7.37	0.01	3.31	6.12	<.01	0.36
PMRC09	2	<4	8	<.4	6	<5	<1	1	4	2.31	<2	11	<5	<5	2	3	<2	16	9	6	5261	6.71	<.01	0.04	E13.74	<.01	0.03
PMRC10	1	<4	19	<.4	14	15	<1	2	15	2.01	<2	31	<5	<5	11	6	<2	7	8	10	1545	4.02	0.05	1.44	4.08	<.01	1.43
PMRC13	58	6	221	<.4	11	<5	<1	<1	5	4.08	<2	7	6	<5	2	4	<2	34	12	6	3026	7.24	<.01	0.27	E14.46	<.01	0.09
MRC14A	15	10	57	<.4	<2	7	<1	<1	10	8.56	<2	29	7	<5	29	8	<2	19	23	5	8457	4.26	0.02	1.51	E10.10	<.01	0.34
MRC14B	2	<4	27	<.4	5	6	<1	<1	3	9.1	<2	6	<5	<5	11	5	<2	32	19	7	15099	5.29	0.01	0.49	E15.27	<.01	0.2
PMRC15	24	5	32	<.4	61	<5	<1	2	5	4.39	<2	21	<5	5	13	6	<2	18	9	5	5269	5.77	<.01	1.04	E10.11	<.01	0.11
PMRC16	12	49	68	<.4	19	10	<1	<1	7	E24.90	<2	11	7	<5	19	14	<2	<2	3	2	28540	2.56	<.01	0.19	0.38	0.01	0.11
PMRC17	5	<4	33	<.4	18	<5	<1	<1	6	E32.42	<2	12	8	<5	19	18	<2	<2	5	2	18556	1.19	<.01	0.07	0.11	<.01	0.02
PMRC20	2	7053	1227	0.9	12	<5	3	<1	9	2.71	<2	38	5	<5	9	<2	<2	7	9	2	3858	1.44	<.01	0.08	4.6	<.01	<.01
MRC21A	3	8	50	<.4	11	5	<1	1	10	7.63	<2	27	<5	<5	34	9	<2	22	12	9	6805	6.18	0.02	2.15	8.72	<.01	0.46
MRC21B	21	65	58	<.4	749	33	4	26	14	E15.70	<2	18	6	<5	30	8	<2	9	6	5	18901	3.48	<.01	0.98	3.03	<.01	0.75
PMRC22	129	90	52	<.4	86	15	<1	5	18	E21.51	2	19	11	<5	11	15	<2	3	3	<2	24790	2.36	<.01	0.31	1.12	<.01	0.34
PMRC23	17	<4	20	<.4	<2	<5	<1	<1	7	9.43	<2	12	<5	<5	16	8	<2	26	16	7	25090	5.95	<.01	0.71	E13.10	<.01	<.01
PMRC24	17	4	15	<.4	<2	<5	<1	<1	2	6.69	2	8	<5	<5	4	3	<2	26	12	7	35010	6.04	<.01	0.25	E16.27	<.01	<.01
PMRC25	2	16	53	<.4	<2	12	<1	<1	7	8.78	2	21	<5	<5	34	4	<2	23	13	22	8669	5.57	0.08	2.16	8.14	<.01	1.59
PMRC27	5	<4	160	<.4	5	15	<1	<1	13	E15.45	<2	<4	<5	<5	36	15	<2	<2	<2	<2	668	7.35	0.09	7.15	0.15	<.01	1.67
PMRC28	8	6	143	<.4	<2	<5	<1	<1	14	E15.38	<2	5	5	<5	23	10	<2	<2	3	3	854	6.53	0.02	7.07	0.23	<.01	0.23
PMRC30	60	34	175	<.4	6	11	<1	1	34	E12.71	3	6	<5	<5	65	13	<2	<2	3	6	815	8.59	0.06	7.48	0.87	<.01	1.1
PMRC31	19	12	75	<.4	<2	<5	<1	<1	45	8.98	<2	22	<5	<5	44	7	<2	22	14	8	14580	5.62	0.01	1.8	9.88	<.01	0.18
PMRC32	165	540	348	0.7	18	<5	<1	<1	17	3.12	2	51	8	8	6	7	<2	3	2	<2	1393	1.04	<.01	0.1	2.17	<.01	<.01
PMRC33	3	8	30	<.4	<2	<5	<1	<1	2	7.31	<2	8	5	<5	13	3	<2	25	14	6	12340	7.55	<.01	0.57	E16.37	0.01	<.01

CORD OPTION
Rock ICP

FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %
PMRC35	2	6	86	<.4	22	<5	<1	<1	17	E14.45	<2	23	12	<5	45	8	<2	4	4	3	6868	5.59	<.01	2.04	3.09	<.01	<.01
PMRC36	60	706	156	2.1	187	7	1	4	27	E28.91	15	30	12	27	76	21	<2	<2	<2	<2	173	1.83	0.02	1.52	0.14	<.01	0.6
PMRC37	310	6130	2822	5.2	54	<5	3	16	51	E30.65	6	20	15	29	44	18	<2	2	4	<2	3420	1.95	<.01	0.87	1.05	<.01	0.13
PMRC38	23	1170	2733	0.4	64	17	4	<1	19	8.39	2	53	5	8	68	13	<2	3	5	4	408	5.54	0.05	3.81	1.04	<.01	1.35
PMRC40	5	36	73	<.4	3	7	<1	1	34	7.53	<2	22	5	<5	28	6	<2	23	12	6	11370	5.51	0.01	1.81	9.49	<.01	0.15
PMRC41	432	761	209	1.4	E1764	<5	9	31	109	E11.07	3	44	<5	10	43	6	<2	4	5	2	8056	2.26	0.01	0.81	1.73	<.01	0.13
PMRC42	44	1299	E22640	0.5	479	<5	43	<1	20	E20.38	<2	16	8	16	69	19	<2	12	10	3	2625	4.66	<.01	0.58	7.94	<.01	0.28
PMRC43	25	6982	E24870	2	126	<5	68	<1	12	9.29	3	18	<5	11	63	15	<2	13	11	4	3189	3.33	<.01	0.47	5.94	<.01	0.23
PMRC44	1	14	91	<.4	6	<5	<1	<1	4	6.57	<2	15	<5	<5	27	6	<2	21	17	9	6561	7.41	<.01	1.2	E13.45	<.01	0.04
PMRC45	1	19	90	<.4	3	7	<1	<1	3	6.34	2	16	7	<5	24	5	<2	23	18	7	5937	6.27	<.01	0.68	E13.21	<.01	0.33
PMRC46	3	23	91	<.4	3	5	<1	<1	36	6.21	<2	25	<5	<5	39	4	<2	15	8	11	4890	6.69	0.03	2.58	6.52	<.01	0.54
PMRC48	3	323	6259	<.4	6	<5	13	<1	2	5.19	<2	7	<5	<5	15	3	<2	17	10	5	2901	7.96	<.01	0.16	E16.20	0.01	0.05
PMRC49	6	195	296	<.4	5	7	<1	<1	4	4.92	<2	11	<5	5	25	5	<2	16	19	6	3507	6.38	<.01	0.45	E12.58	0.01	0.32
PMRC50	68	E19690	7280	5.8	20	<5	12	2	22	E11.46	<2	45	7	12	15	6	<2	2	5	<2	727	0.71	<.01	0.24	1.42	<.01	0.08
PMRC51	6	422	239	<.4	<2	15	<1	<1	4	E13.93	<2	10	5	<5	40	9	<2	14	27	5	9989	4.15	<.01	0.31	9.05	0.01	0.28
PMRC53	<1	19	18	<.4	7	<5	<1	<1	2	1.44	<2	<4	<5	<5	<2	3	<2	22	3	6	1449	E11.31	<.01	0.02	E19.60	0.02	0.01
PMRC54	<1	10	45	<.4	<2	10	<1	1	20	2.04	<2	11	<5	<5	10	3	<2	14	11	8	804	6.41	0.01	1.03	9.3	<.01	0.63
PMRC56	133	870	E12340	0.8	121	<5	6	<1	24	E32.45	3	30	11	12	46	22	<2	<2	2	2	668	1.07	<.01	0.79	0.1	<.01	<.01
PMRC57	1	<4	30	<.4	3	5	<1	1	3	1.37	<2	4	<5	<5	<2	2	<2	16	6	6	1496	8.14	<.01	0.07	E14.97	<.01	0.08
PM95C65	2	<4	102	<.4	<2	14	<1	<1	4	E22.49	2	7	6	<5	12	15	<2	4	7	3	33943	4.32	<.01	0.23	1.49	0.01	0.2
PM95C66	1	10	56	<.4	6	<5	<1	<1	<1	4.08	<2	6	5	<5	<2	5	<2	10	3	4	4721	8.93	<.01	0.04	E17.98	<.01	<.01
PM95C67	65	181	E17180	<.4	<2	<5	9	<1	21	E26.37	<2	11	10	7	4	18	<2	7	5	<2	2341	2.21	<.01	0.04	6.6	<.01	0.01
PM95C68	14	8	8425	<.4	92	<5	4	<1	5	E11.00	<2	4	6	<5	15	8	<2	23	15	4	9368	5.06	<.01	0.15	E15.75	<.01	0.06
PM95C69	100	30	E27310	<.4	193	<5	18	15	40	E28.91	3	21	13	<5	36	17	<2	<2	<2	<2	8990	2.5	<.01	0.37	0.17	<.01	0.1
PM95C70	13	18	9454	<.4	266	<5	7	<1	5	E15.99	<2	20	11	<5	8	9	<2	2	3	<2	11036	2.56	<.01	0.09	1.37	<.01	<.01
M95C71A	69	4	E38210	<.4	294	<5	24	1	15	E22.19	<2	16	14	<5	34	10	<2	2	4	<2	7072	2.12	<.01	0.35	2.19	<.01	0.01
M95C71B	67	7	E40450	<.4	236	<5	25	1	16	E21.71	2	17	10	<5	41	15	<2	4	4	<2	7762	2.38	<.01	0.41	3.24	<.01	0.01
M95C71C	69	2720	E17280	<.4	129	5	32	<1	30	E27.26	2	24	10	9	55	18	<2	5	6	2	1272	2.42	<.01	0.79	3.26	<.01	0.38
PM95C74	3	143	8440	<.4	17	15	7	<1	3	7.58	<2	17	<5	<5	23	6	<2	14	12	3	3350	4.29	0.01	0.37	8.27	<.01	0.38
PM95C75	4	303	141	<.4	8	28	<1	<1	6	E31.49	<2	16	15	6	22	21	<2	4	7	<2	9116	1.07	<.01	0.16	1.46	<.01	0.11
PM95C76	4	63	3476	<.4	29	6	6	<1	3	7.07	<2	17	<5	<5	18	6	<2	17	17	5	6181	4.59	<.01	0.14	E12.03	<.01	0.08
PM95C77	67	118	E16510	<.4	65	14	30	2	34	E16.52	<2	27	10	10	84	10	<2	7	12	3	3760	2.23	<.01	0.39	5.08	<.01	0.05
PM95C78	2	30	1064	<.4	6	12	1	<1	4	9.04	<2	15	5	<5	47	21	<2	21	14	6	6551	6.08	<.01	1	E13.72	<.01	0.1

CORD OPTION
Major and Trace Element Analysis

			TRACE ELEMENTS						MAJOR ELEMENTS										
LAB NUMBER	FIELD NUMBER	S %	Th(4) ppm	CO2 %	Tot C %	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	Ba %	LOI %	TOTAL %
R9522933	DRC02A	<0.01	<5	33.6	9.17	26.24	0.05	1.46	2.14		0.16	13.6	21.48	0.1	1.14	0.03	0.01	33.18	99.59
R9522934	DRC02B	<0.01	<5	25.5	7.36	34.04	0.15	4.36	2.26		0.12	11.3	17.66	0.12	2.68	0.06	0.01	27.04	99.8
R9522935	DRC02D	<0.01	5	25	7	31.34	0.23	5.47	3.19		0.2	12.79	17.14	0.13	2.18	0.09	0.01	27	99.77
R9522936	DRC03A	0.19	11	23.8	6.73	35.02	0.25	5.61	1.85		0.1	12.35	15.83	0.07	3.17	0.07	0.01	25.21	99.54
R9522937	DRC03B	0.13	12	24.5	6.89	32.75	0.25	6.2	1.91		0.08	12.08	16.28	0.11	3.79	0.06	0.01	25.71	99.23
R9522938	DRC05A	<0.01	6	26.8	7.6	34.05	0.12	2.95	2.82		0.12	12.14	17.79	0.08	2.27	0.05	0.01	27.38	99.78
R9522939	DRC05B	<0.01	7	32	8.9	25.25	0.13	3.32	1.73		0.1	14.15	20.53	0.09	2.22	0.04	0.01	32.3	99.87
R9522940	DRC06A	0.09	<5	32.8	9.2	25.01	0.05	1.04	6.85		0.58	11.66	21.14	0.09	0.44	0.04	0.01	32.59	99.5
R9522941	DRC06B	0.03	11	28.3	7.99	31.87	0.05	1.35	7.11		0.79	10.71	18.62	0.12	0.4	0.05	0.01	28.73	99.81
R9522942	DRC07A	<0.01	<5	26.2	7.41	22.11	0.04	1.11	11.56		1.54	9.57	20.96	0.18	0.09	0.06	0.01	32.04	99.27
R9522943	DRC07B	0.03	<5	38.9	10.7	32.47	0.05	1.28	10.71		1.21	8.39	18.15	0.09	0.08	0.09	0.01	27.12	99.65
R9522944	DRC08	<0.01	9	0.3	0.14	13.43	0.04	1.47	2.95		0.27	16.38	25.57	0.13	1.2	0.02	0	38.37	99.83
R9522946	DRC10	<0.01	<5	19	5.94	34.04	0.16	3.04	20.15		1.84	7.85	9.13	0.08	0.57	0.14	0.01	22.2	99.21
R9522948	DRC13	0.31	<5	32.1	9.29	12.64	0.09	1.96	13.85		0.92	12.34	20.98	0.06	0.21	0.08	0.01	34.56	97.7
R9522960	PMRC01	<0.01	<5	9	2.65	45.1	0.3	6.6	14.46		0.67	8.81	8.37	0.11	2.03	0.24	0.01	12.79	99.49
R9522961	PMRC03	<0.01	9	36.3	10.6	19.02	0.02	0.39	1.31		0.11	16.2	24.19	0.24	0.14	0.02	0.01	37.46	99.11
R9522962	PMRC04	0.02	25	9.2	2.84	57.94	0.27	10.55	1.54		0.07	6.33	6.62	0.18	4.39	0.11	0.02	11.73	99.75
R9522963	PMRC05	0.22	17	22.2	7.35	35.33	0.24	5.41	4.34		0.4	9.75	15.72	0.12	2.14	0.15	0.01	25.88	99.49
R9522964	PMRC06	<0.01	9	31.5	9.07	27.25	0.04	0.87	5.78		0.82	12.06	20.55	0.08	0.14	0.05	0.01	31.88	99.53
R9522965	PMRC07	<0.01	15	13.1	3.94	40.2	0.38	8.64	8.94		0.39	13.25	8.98	0.13	0.93	0.19	0.01	17.69	99.73
R9522966	PMRC09	<0.01	8	29.4	9.03	28	0.05	1.1	4.76		0.83	11.71	20.83	0.11	0.72	0.04	0.01	31.73	99.89
R9522967	PMRC10	<0.01	7	8.6	2.73	57.99	0.35	8.16	3.68		0.23	7.65	6.2	0.12	4.59	0.2	0.03	10.79	99.99
R9522968	PMRC13	0.81	<5	31.7	9.35	20.86	0.1	1.9	7.88		0.47	12.13	21.39	0.13	0.63	0.05	0.01	32.04	97.59
R9522969	PMRC14A	<0.01	<5	19.5	6.11	36.23	0.15	2.92	13.15		1.28	7.24	15.33	0.09	0.4	0.15	0.01	22.66	99.61
R9522970	PMRC14B	<0.01	<5	33	9.87	15.55	0.04	1.05	14.13		2.21	9.36	22.72	0.13	0.29	0.07	0.01	33.92	99.48
R9522971	PMRC15	<0.01	<5	21.9	6.48	40.09	0.08	2.23	7.19		0.85	10.03	15.2	0.08	0.13	0.06	0.01	23.79	99.74
R9522972	PMRC16	<0.01	<5	14.8	4.77	28.35	0.01	0.79	38.02		4.07	5.9	0.79	0.19	0.2	0.07	0.01	20.04	98.44
R9522973	PMRC17	<0.01	<5	5.2	3.5	24.5	0.01	0.29	55.88		2.56	3.18	0.29	0.1	0.06	0.06	0.01	12.58	99.52
R9522975	PMRC20	<0.01	<5	10.6	2.71	72.68	0.01	0.13	4.48		0.57	2.74	6.9	0.09	0.01	0.04	0.01	10.27	97.93
R9522976	PMRC21A	0.01	<5	19.3	5.5	36.83	0.19	4.34	11.82		1.08	10.36	12.79	0.08	0.54	0.24	0.01	21.46	99.74
R9522977	PMRC21B	0.04	<5	13.4	4.17	40.24	0.09	2.27	24.25		2.77	6.81	4.34	0.07	0.89	0.18	0.01	17.28	99.2
R9522978	PMRC22	0.5	<5	16.1	5.29	34.31	0.05	1.14	32.15		3.4	5.17	1.72	0.16	0.47	0.1	0.01	19.75	98.43
R9522979	PMRC23	<0.01	<5	33.2	9.38	16.59	0.07	1.44	15.29		3.48	10.17	19.66	0.03	0.01	0.08	0.01	32.89	99.72
R9522980	PMRC24	<0.01	<5	38.8	11.1	35.7	0.01	0.17	5.55		2.43	5.4	12.51	0.04	0	0.02	0.01	37.57	99.41
R9522981	PMRC25	<0.01	<5	17.6	5.15	36.7	0.21	4.84	13.3		1.21	9.47	12.03	0.1	1.79	0.23	0.01	19.53	99.42
R9522982	PMRC27	<0.01	9	0.7	0.05	37.51	0.31	15.11	24.1		0.12	12.68	0.28	0.09	2.19	0.11	0.01	6.47	98.98
R9522983	PMRC28	<0.01	5	0.5	0.17	42.32	0.33	14.49	22.92		0.16	11	0.43	0.09	0.3	0.11	0.01	7	99.16
R9522984	PMRC30	0.21	19	1.7	0.5	35.18	0.27	16.07	20		0.15	15.03	1.27	0.09	1.37	0.05	0.01	9.18	98.67
R9522985	PMRC31	0.15	7	23	6.6	31.47	0.13	3.41	13.62		1.89	9.18	14.4	0.12	0.21	0.14	0.01	24.32	98.9
R9522986	PMRC32	0.92	6	5.2	1.44	81.65	0.01	0.04	4.85		0.21	1.83	3.23	0.07	0.01	0.03	0.01	6.39	98.33
R9522987	PMRC33	0.04	6	36.3	11.1	10.17	0.05	1.34	12.03		1.58	12.91	23.92	0.13	0.03	0.06	0.01	37.15	99.38
R9522988	PMRC35	0.12	16	14.4	5.22	35.4	0.2	3.95	22.91		1.01	11.15	4.48	0.13	0.01	0.2	0.01	18.79	98.24
R9522989	PMRC36	23.44	<5	0.5	0.63	25.39	0.21	3.84	41.67		0.06	3.86	0.34	0.11	0.72	0.18	0.01	23.11	99.5
R9522990	PMRC37	20.42	<5	5.2	3.33	18.45	0.11	2.63	45.3		0.58	4.23	1.6	0.13	0.18	0.13	0.01	26.03	99.38
R9522991	PMRC38	2.33	22	2.1	2.07	49.46	0.48	10.78	12.74		0.08	10.16	2.04	0.15	2.13	0.44	0	10.05	98.51
R9522992	PMRC40	0.15	7	21.7	6.12	34.72	0.2	4.31	12.05		1.41	9.92	14.24	0.24	0.22	0.19	0.01	21.56	99.07
R9522993	PMRC41	2.94	<5	6.4	2.95	52.76	0.07	2.62	20.01		1.17	4.55	3.25	0.12	0.19	0.12	0.01	14.41	99.28
R9522994	PMRC42	13.9	<5	17.5	5.81	16.95	0.07	2.09	30.39		0.44	8.55	12.18	0.13	0.36	0.29	0.01	19.2	90.66

CORD OPTION

Major and Trace Element Analysis

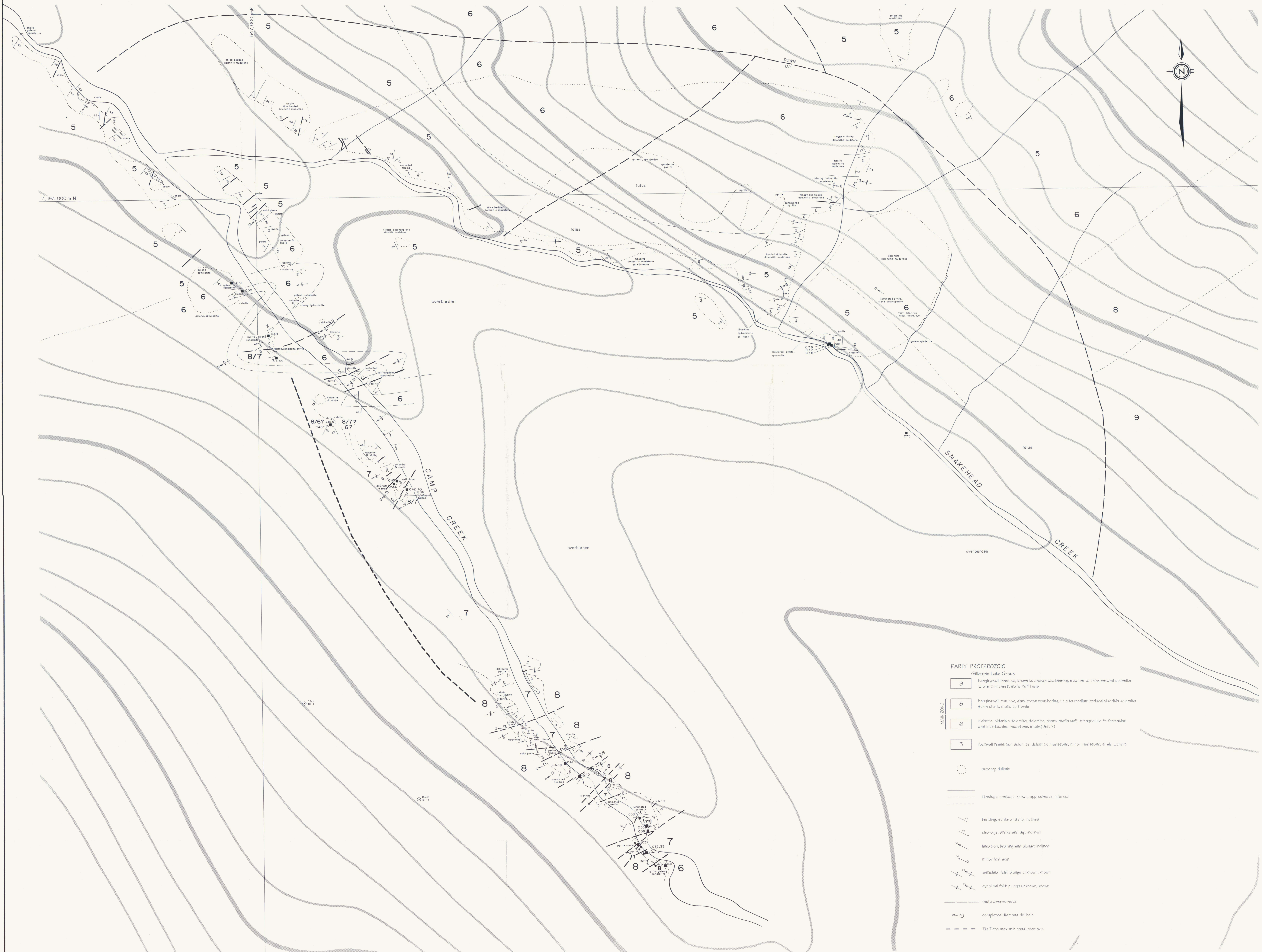
LAB NUMBER	FIELD NUMBER	S %	Th(4) ppm	CO2 %	Tot C %	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	Ba %	LOI %	TOTAL %
R9522995	PMRC43	9.63	<5	19.3	6.09	22.63	0.05	1.67	20.39		0.54	8.33	12.81	0.06	0.32	0.27	0.01	20.54	87.62
R9522996	PMRC44	0.19	9	I	I	18.92	0.12	3.28	10.89		1.04	12.99	20	0.14	0.07	0.11	0.01	30.8	98.37
R9522997	PMRC45	0.25	9	28	8.73	24.94	0.09	2.62	10.21		0.93	10.77	19.43	0.04	0.64	0.1	0.01	28.37	98.15
R9522998	PMRC46	0.08	9	14	4.44	42.7	0.26	6.02	10.02		0.8	12.09	9.74	0.03	0.65	0.24	0.01	15.4	97.96
R9522999	PMRC48	0.58	7	35.3	10.7	13.57	0.04	0.9	8.75		0.49	14.04	24.28	0.05	0.07	0.12	0.01	33.59	95.91
R9523000	PMRC49	0.15	<5	27.6	8.27	29.67	0.06	1.55	8.18		0.6	11.58	18.87	0.1	0.38	0.16	0.01	27.03	98.19
R9523001	PMRC50	6.86	<5	10.7	0.94	62.61	0.06	1.71	16.35		0.12	1.67	2.3	0.04	0.12	0.25	0.01	11.04	96.28
R9523002	PMRC51	0.11	<5	24.8	7.53	22.28	0.03	1.34	22.31		1.43	9.93	13.47	0.07	0.38	0.12	0.01	27.27	98.64
R9523003	PMRC53	0.04	9	43.2	13.1	1.05	0.01	0.57	2.68		0.24	19.42	29.42	0.02	0.05	0.03	0.01	45.24	98.74
R9523004	PMRC54	0.03	16	20.3	7.19	36.73	0.31	6.25	3.75		0.15	11.6	13.69	0.03	2.2	0.24	0.01	23.54	98.5
R9523005	PMRC56	11.23	<5	1	1.27	20.84	0.12	2.53	46.86		0.14	2.33	0.29	0.05	0.02	0.2	0.01	22.98	96.37
R9523006	PMRC57	0.03	13	33.1	9.7	20.19	0.14	3.12	3.3		0.29	14.48	22.2	0.04	1.17	0.09	0.01	33.81	98.84
R9523007	PM95C65	<0.01	<5	22.6	7.65	16.6	0.02	1.07	37.11		4.27	8.66	2.71	0.04	0.36	0.1	0.01	26.22	97.17
R9523008	PM95C66	0.02	6	40.2	11.9	6.48	0.01	0.45	7.63		1.02	16.58	26.72	0.04	0.02	0.04	0.01	39.18	98.18
R9523009	PM95C67	21.86	<5	11.8	3.81	10.62	0.03	1.17	37.66		0.42	4.82	9.59	0.07	0.04	0.09	0.01	27.97	92.49
R9523010	PM95C68	2.77	10	34.6	10.1	5.28	0.01	0.73	17.7		1.55	10.18	23.93	0.04	0.08	0.11	0.01	30.87	90.49
R9523011	PM95C69	18.32	<5	5.3	4.53	12.01	0.06	1.27	43.71		1.38	5.19	0.42	0.03	0.14	0.11	0.01	29.66	93.99
R9523012	PM95C70	0.89	<5	13	4.8	46.37	0.02	0.28	22.83		1.65	5.19	2.46	0.03	0.02	0.07	0.01	18.12	97.05
R9523013	M95C71A	10.51	<5	5.9	3.86	24.02	0.04	1.24	31.84		1.11	4.41	3.89	0.02	0.04	0.13	0.01	25.62	92.37
R9523014	M95C71B	10.38	<5	11.5	4.22	22.09	0.06	1.41	31.31		1.23	5	4.77	0.03	0.06	0.13	0.01	26.57	92.67
R9523015	M95C71C	21.87	<5	8.9	2.83	16.11	0.1	1.99	40.06		0.23	5.97	4.91	0.05	0.47	0.36	0.01	24.65	94.91
R9523016	PM95C74	0.34	6	21.2	6.62	34.23	0.05	0.88	13.96		0.56	10.89	12.74	0.03	0.48	0.17	0.01	22.59	96.59
R9523017	PM95C75	0.09	<5	10.4	3.23	24.54	0.04	0.56	53.86		1.41	2.33	2.72	0.05	0.21	0.07	0.01	11.74	97.54
R9523018	PM95C76	0.38	<5	28.8	8.16	29.63	0.03	0.17	12.01		0.99	8.56	18.65	0.04	0.1	0.07	0.01	27.56	97.82
R9523019	PM95C77	6.54	<5	12.4	3.48	34.96	0.05	1.2	25.59		0.65	4.37	7.96	0.03	0.1	0.13	0.01	20.76	95.81
R9523020	PM95C78	0.22	<5	31	9.36	13.23	0.13	2.43	16.04		1.09	11.94	21.34	0.04	0.16	0.12	0.01	32.09	98.62

APPENDIX 3

STATEMENT OF EXPENDITURES

CORD PROPERTY

EXPENDITURE ITEM		*COST $*
STAFF COSTS		23,800
GROUND GEOPHYSICAL SURVEYS		13,290
SILT/ROCK GEOCHEMISTRY		2,900
TRANSPORTATION	FIXED WING	13,775
	HELICOPTER	9,325
	TRUCK RENTAL	4,350
	FUEL	775
	FREIGHT	4,425
DOMICILE		7,650
EXPEDITING		1,325
ORGANIZATION/SUPPLIES		3,850
DRAFTING/REPRODUCTIONS		4,700
TOTAL		**90,165**



0 20 40 60 80 100 metres

093460 DWG①

CORD PROPERTY				Dominco 106 D/16
Drawn by:		Traced by:		CAMP CREEK GEOLOGY MAP
Revised by	Date	Revised by	Date	
				Scale: 1 : 1000
				Date: March 25, 1996
				Plate: Fig.3

0 200 400 600 800 1000 metres

▲ stream silt geochemistry sample locations

ground geophysical survey line with stations

DWG ③

093460

CORD PROPERTY	106 D/16
Drawn by: P.A.M. Traced by:	**Geophysical Grid and Silt Geochemistry Sample Location Map**
Scale: 1 : 5,000	Date: April 1, 1996 Plate: 5


SNAKESHEAD CREEK
CAMP CREEK
CORD CLAIM BOUNDARY
See Camp Creek Detail
LOWER ZONE SULPHIDE SHOWING
D.D.H. 81-1
D.D.H. 81-2
D.D.H. 81-3
D.D.H. 81-4
EARLY PROTEROZOIC
12 Wernecke Breccia
Gillespie Lake Group
11 ribbed dolomitic mudstone (stratigraphic position unclear)
10 hangingwall massive, grey to orange weathering dolomite, dolomitic mudstone
9 hangingwall massive, brown to orange weathering, medium to thick bedded dolomite ±rare thin chert, mafic tuff beds
MAIN ZONE
8 hangingwall massive, dark brown weathering, thin to medium bedded, sideritic dolomite ±thin chert, tuff beds
7 interbedded mudstone, siderite, sideritic dolomite (Unit 8), minor mafic tuff and chert (exposed in core of zone)
6 siderite, sideritic dolomite, dolomite, chert, mafic tuff ±magnetite Fe-formation and interbedded mudstone, shale (Unit7)
5 footwall transition dolomite, dolomitic mudstone, minor mudstone, shale ±chert
LOWER ZONE
4 footwall dolomite, dolomitic mudstone with locally abundant, dark grey chert nodules
3 mudstone, siltstone ±dolomite, chert, siderite
2 basal dolomite, dolomitic mudstone
Quartet Group/Transitional Gillespie Lake Group
1 black to dark grey mudstone, siltstone, minor dolomite
outcrop delimit
lithologic contact: known, approximate, inferred
bedding, strike and dip: inclined
cleavage, strike and dip: inclined
lineation, bearing and plunge: inclined
minor fold axis
anticlinal fold: plunge unknown, known
synclinal fold: plunge unknown, known
fault: approximate
81-4 completed diamond drillhole
Rio Tinto max-min conductor axis
0 200 400 600 800 1000 metres
DWG 2
093460
CORD PROPERTY
106 D/16
Drawn by: P.A.M.
Traced by:
Revised by
Date
GEOLOGY MAP
Scale: 1 : 5,000
Date: March 26, '96
Plate: Fig. 4