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A PRELIMINARY EVALUATION OF GOLD POTENTIAL
RED MOUNTAIN MOLYBDENUM DEPOSIT

RED MOUNTAIN PROPERTY
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

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TINTINA MINES LIMITED

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I SUMMARY

The Red Mountain molybdenum deposit is hosted within a typical molybdenum porphyry breccia system, in a small high level mid-Cretaceous Quartz Monzonite Porphyry stock which does not appear to have vented to surface. Ore reserves stand at 187,000,000 tonnes grading 0.167% MoS_2 at a cut-off grade of 0.10% MoS_2, and are characterized by a general trend for better MoS_2 grade at depth defining a higher grade core (>0.2% MoS_2), laterally away from which quartz-stockwork and associated mineralization gradually diminish in intensity. Copper has also been documented from the deposit, especially from the upper 75m-150m which contains 50m-75m intervals of Cu mineralization intersected in many holes ranging from 0.02%-0.2% Cu. Cu is inversely related to Mo, and these intervals define a Cu bearing cap.

The depth of the high grade porphyry molybdenum sections at Red Mountain, the higher level copper-rich zone, and the silver-lead+/-zinc veining at the surface, indicate that the bulk of the porphyry system is intact, and there is good potential for the near-surface preservation of even "higher" portions of the system, which would normally carry the precious metal epithermal-type mineralization if such metals existed in the system.

Despite the considerable data gathered in the course of exploration for Mo, however, the potential for precious metal mineralization within and in the peripheries of the deposit was never assessed. While present generally in minor amounts within the deposit, an average of 143gm/t of silver was recovered in some concentrates during metallurgical tests. The testwork was not designed to assess recovery of gold which has previously been detected in amounts varying trace to 0.02oz/ton from a handful of drill intersections previously tested.

An exploration program was undertaken during the 1995 field season to investigate the gold content of select portions of the deposit and its peripheries to (i) evaluate whether Red Mountain Mo ore might yield coproduct gold in concentrates, and (ii) assess the gold distribution within the periphery of the porphyry system, in the Cu enriched zones, and in the oxidized cap with a view to directing future underground development into mineralized rather than barren ground.

The 1995 program consisted of the resampling of an aggregate of 417 intervals of drill core stored at the property, from 9 holes from select sections of the deposit. Sections of core were analyzed by examining every second or every third sample interval, such that while the 417 samples represent only a total of 1251m of actual core length, they serve to characterize an overall core interval of approximately 2765m (or approximately 10% of the total drilled to date).

The 1995 results indicate that gold content varies from less than detection to 190ppb, and that it is inversely related to Mo grade, and does not have a preferential distribution related to depth as previously anticipated. Gold concentrations documented from the copper bearing upper sections of the deposit are equally as low as those from its Mo-rich deeper core precluding anticipations of a gold bearing Cu-cap or a supergene enrichment zone.

Gold mineralization does, however, appear to have an affinity for the peripheries of the deposit, particularly for its northeast portions in the vicinity of the Quartz Eye Diorite dike and surrounding Hornfels wherefrom nearly all of the higher grading data have to date been obtained. The majority of the higher grading silver sections are also from holes in the northeast and eastern portions of the deposit, typically represented by

grades in the 5ppm-20ppm range, possibly also genetically associated with the Quartz Eye Diorite.

The 1995 data suggests that co-product gold will be a minor component of concentrates produced from the deposit. By contrast, silver can be expected to be a major coproduct of Mo production from the lower grading peripheral sections of the deposit, and that it will locally also represent greater value per ton mined than the Mo. It is accordingly recommended that lower grading portions of the deposit to date excluded from reserves based solely on MoS_2 cut-off (especially near its peripheries) merit review in light of intrinsic value of co-product silver and same is recommended. A reassessment of such sections of the deposit on a combined Mo+Ag metal basis will add additional material to existing reserves and may upgrade portions thereof.

In addition to the above, the preferential concentration of gold and silver near, and around, the Quartz Eye Diorite, at the northeast portion of the deposit, is germane to future development and production considerations since the general area has been designated as the principal entry point into the deposit via an 3200m exploration tunnel collared in the Boswell River valley to the northeast. While no work is recommended at this time to further evaluate gold and silver tenor of the Quartz Eye Diorite and its vicinity, a concerted effort toward same is strongly recommended by way of exploration drilling as an integral component of pre-development activities to optimize exploitation of any potential incidental reserves. Such drilling could be easily incorporated into pre-development drilling directed toward testing of ground conditions prior to commencement of the rockworks.

II INTRODUCTION

Porphyry style mineralization is believed to be the result of the movement of very large volumes of hydrothermal fluids which leach a wide variety of metals from surrounding rocks and deposit them in well zoned configurations characterized by a disseminated porphyry style Copper and/or Molybdenum deposit at the bottom (or the core); by Ag and base metal vein deposits progressively away from the porphyry core; and, finally, by epithermal Au mineralization in the highest (or outermost) portions of the system (with or without supergene enrichment). There is also a strong association between increased Au concentrations and elevated Cu concentrations within many porphyry deposits evidenced by many Cu-Au porphyry deposits observed throughout the Canadian Cordillera, which include examples of porphyry style molybdenum deposits that carry elevated Au values.

The Red Mountain molybdenum deposit is hosted within a typical molybdenum porphyry breccia system, in a small high level mid-Cretaceous Quartz Monzonite Porphyry stock which does not appear to have vented to surface. The stock exhibits a relatively well defined pattern of alteration and mineralization, and there is a general trend for better MoS_2 grade with depth defining a higher grade core (>0.2%), laterally away from which quartz-stockwork and associated mineralization gradually diminish in intensity.

Above the higher grade core, molybdenite tenor decreases nearer surface and many of the drill holes intersecting the upper 75m-150m of the deposit contain 50m-75m intervals of Cu mineralization ranging from 200ppm to 2000ppm (0.02% to 0.2%). These intervals appear to define a Cu bearing cap which would have a good potential for Au mineralization as would the overlying Mo-oxide cap. The oxidized cap holds further potential for the supergene enrichment of gold.

Ore reserves at Red Mountain stand at 187,000,000 tonnes grading 0.167% MoS_2 at a cut-off grade of 0.10% MoS_2. While present generally in minor amounts within the deposit, an average of 143gm/t of silver was also recovered in some concentrates during metallurgical tests. The testwork was not designed to assess recovery of gold which has previously been detected in amounts varying from trace to 0.02oz/ton from the handful of drill intersections previously tested.

Despite the considerable data gathered in the course of exploration for Mo at Red Mountain, the potential for gold mineralization within and in the peripheries of the deposit was never assessed. An exploration program was undertaken during the 1995 field season to investigate the gold content of select portions of the deposit and its peripheries to (i) evaluate whether Red Mountain Mo ore might yield coproduct gold in concentrates, and (ii) assess the gold distribution within the periphery of the porphyry system, in the Cu enriched zones, and in the oxidized cap with a view to directing future underground development into mineralized rather than barren ground. The program consisted of the resampling of crushed drill core stored at the property from select sections of the deposit.

III LOCATION, ACCESS, PHYSIOGRAPHY AND CLIMATE

Red Mountain is located in south-central Yukon approximately 80km northeast of Whitehorse at Lat 60° 59'N and Long 133° 44'W, or 568000E and 6762000N in UTM Zone 8 (Figure 1). It is situated within the rugged Big Salmon Range, 15 km northeast of the NNW trending Teslin Trench. North of the property the Big Salmon Range rises to a maximum of 2174m (7132ft). The highest elevations on the property are in excess of 1800m (5900ft). They include Slate Mountain in the northwest corner of the property, which is noted on the NTS maps of the area (105 F/4 and 105 C/13), and an unnamed mountain in the southwest corner of the property at the headwaters of Slate Creek. The lowest point on the property is in the northeast corner where the claim block extends down to the Boswell River at an elevation of 920m (3000ft). Red Mountain itself rises to approximately 1650m (5400ft) and is comprised of steep, talus covered, and highly gossaneous slopes from which it derives its name.

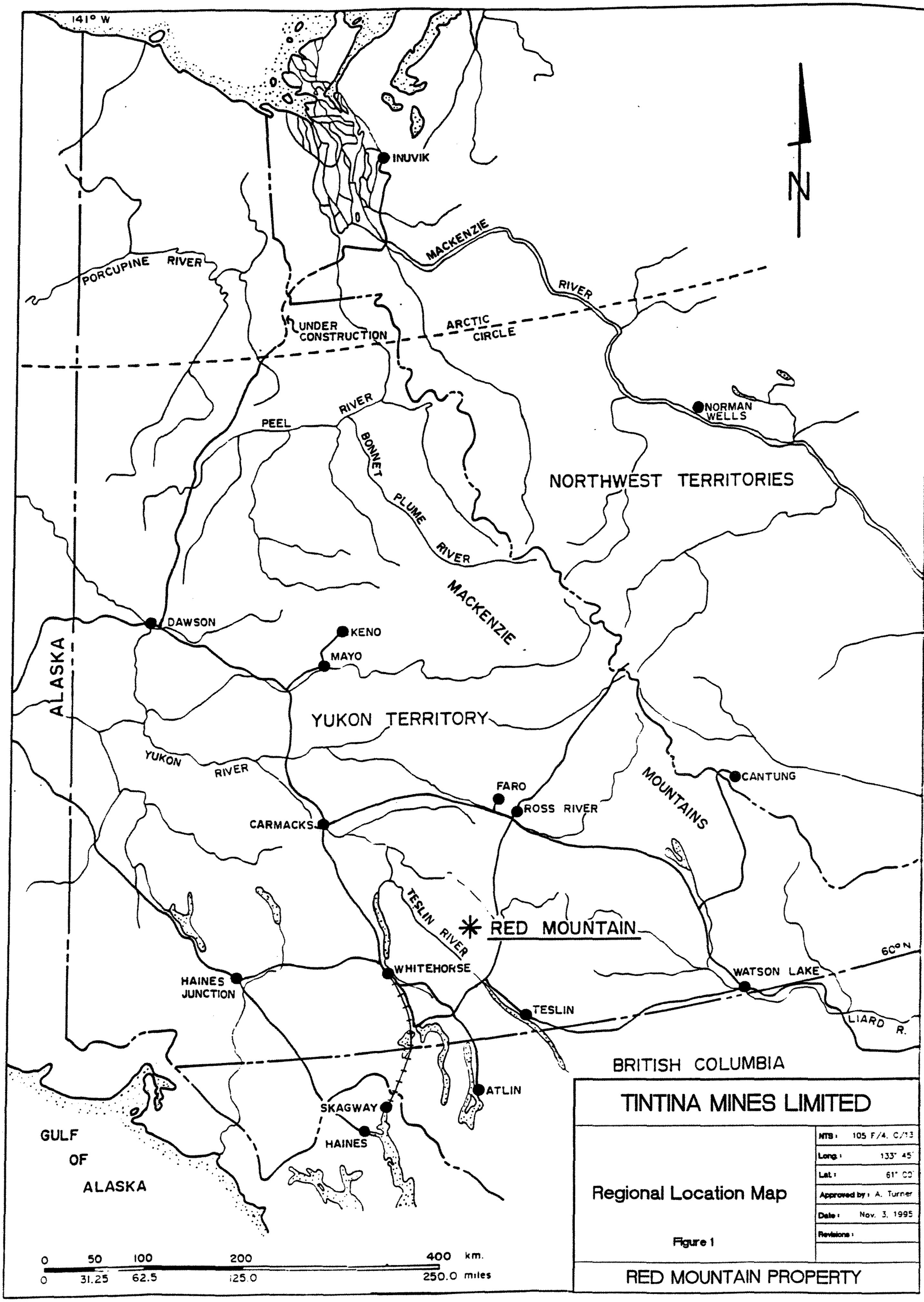
Access to the property is by air from Whitehorse some 80km to the west-southwest, or by 114km of winter roads leading from the Alaska Highway at a point 134km east of Whitehorse (Figure 2). Total distance by road to Whitehorse is approximately 248km, of which only the Alaska Highway portion is maintained during the winter. Air access is primarily by helicopter, although a modest airstrip capable of accommodating otter and similar aircraft was established during 1982 some 5 km to the north of the property, on the north banks of the Boswell River.

Mobilization to and from the property for previous exploration programs has generally relied upon a combination of fixed-wing aircraft, helicopter and bulldozer. Equipment, fuel and supplies have generally been brought in either by cat-train during early Spring, or flown by fixed wing to Rosy Lake, 11Km to the southwest, and then shuttled to the property by helicopter. An old winter airstrip in the southern part of the claims and the 1982 gravel airstrip to the north near Boswell River have also proven suitable for landing Beaver and Otter type aircraft for regular transport of crews and camp supplies (the present condition of the airstrip is unknown, however, it was in use by local outfitters bringing hunting parties to the area via small fixed wing aircraft as recently as 1991). Drill moves around the property have been most effectively done by tractor.

Weather conditions are typical for northern areas of Canada with short summers and long cold winters, but because it is also a mountainous area, the weather can be quite unpredictable. Generally, the conditions from June to August are sunny and mild with daytime temperatures ranging from $+10^{o}$ to $+20^{o}$. By September, overnight frosts are common and by October snowy winter conditions prevail with overnight lows in the -20^{o} to -40^{o} range.

The tree-line in the area generally lies between 1450m and 1500m (4760ft to 4920ft). Vegetation consists of stunted Alpine Fir, Black Spruce and a variety of deciduous shrubs.

Outcrop coverage over most of the property is relatively sparse, occurring most notably as gossaneous cliffs along the southeast flank of Red Mountain, along the saddle joining Red and Slate mountains and northeast from Slate Mountain. Adjacent to Silco Creek, in the central, northwestern and western portions of the grid, outcrop is absent. Overburden thickness of up to 55 meters (180 feet) have been recorded (D.D.H. RMY-79-8).



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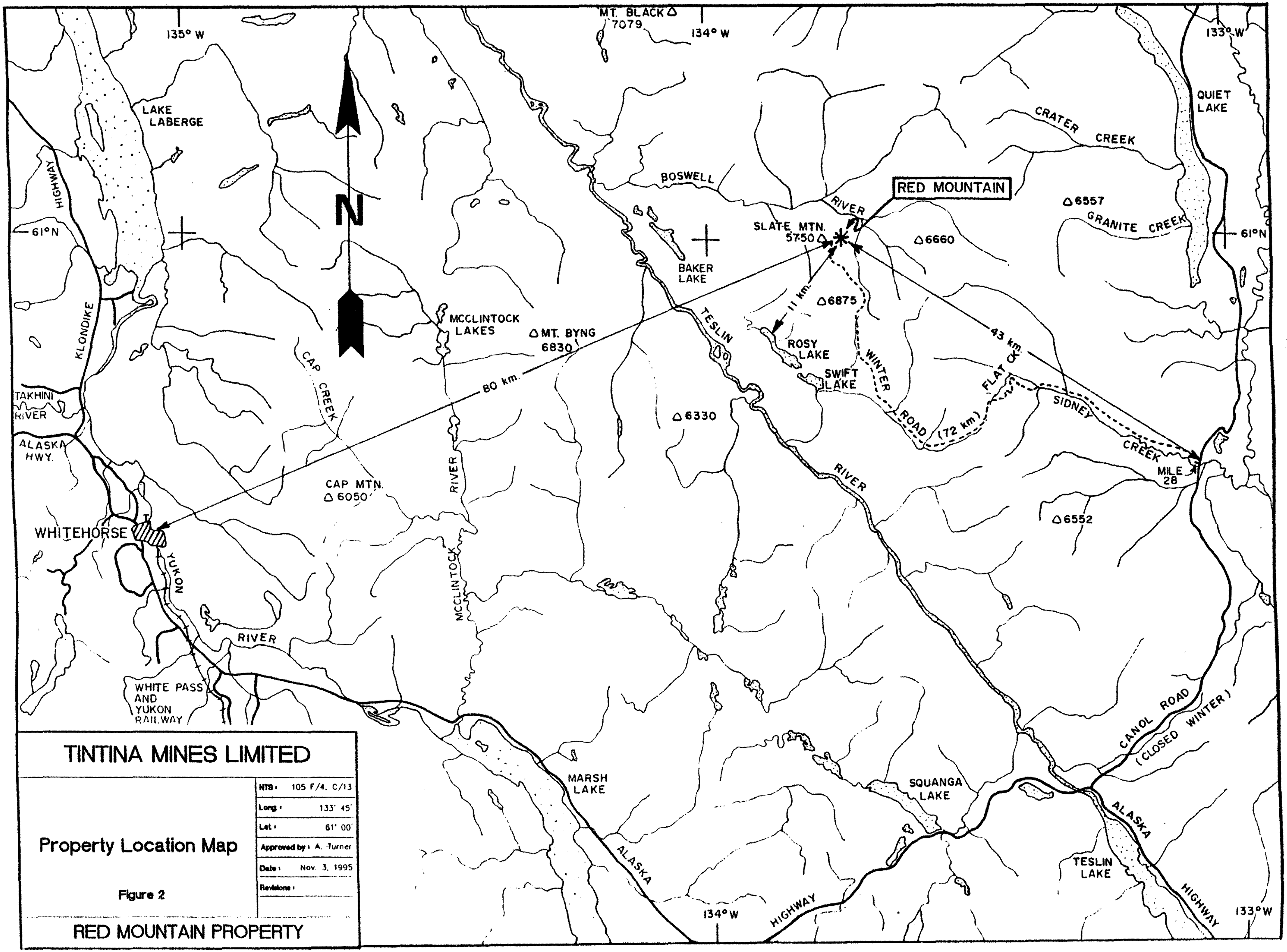
Regional Location Map

Figure 1

NTS:	105 F/4. C/13
Long.:	133° 45'
Lat.:	61° 00'
Approved by:	A. Turner
Date:	Nov. 3, 1995
Revisions:	

RED MOUNTAIN PROPERTY



TINTINA MINES LIMITED

Property Location Map

Figure 2

NTS:	105 F/4, C/13
Long:	133° 45'
Lat:	61° 00'
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Revisions:	

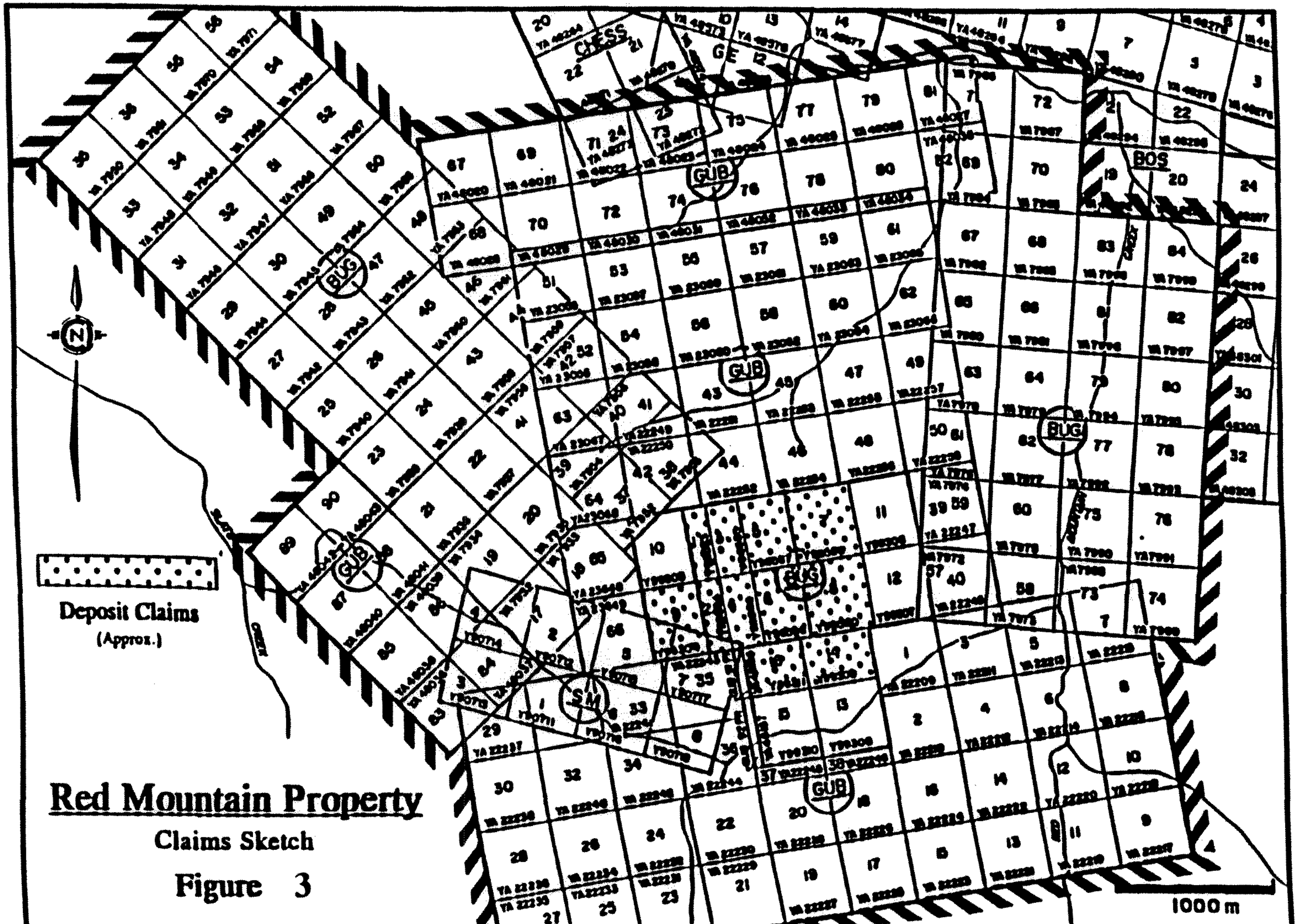
RED MOUNTAIN PROPERTY

IV PROPERTY OWNERSHIP AND CLAIM STATUS

The Red Mountain property consists of 183 claims representing approximately 330ha (8300 acres) held 100% by Tintina Mines Limited. These claims are held under the Yukon Quartz Mining Act in the Whitehorse Mining District, and their pertinent information is tabulated in Table 1 and shown in Figure 3. The claims are held in good standing by the annual payment of $18,300 in lieu of work.

Claim Name	Claim Number	Anniversary Date
BUG 1-8	Y98583-Y98590	December 2, 1995
BUG 9-16	Y99304-Y99311	December 2, 1995
BUG 17-84	YA07932-YA07999	December 2, 1995
GUB 1-30	YA22209-YA22238	December 2, 1995
GUB 32-50	YA22240-YA22258	December 2, 1995
GUB 51-64	YA23055-YA23068	December 2, 1995
GUB 65-66	YA23648-YA23649	December 2, 1995
GUB 67	YA48020	December 2, 1995
GUB 68	YA48028	December 2, 1995
GUB 69	YA48021	December 2, 1995
GUB 70	YA48029	December 2, 1995
GUB 71	YA48022	December 2, 1995
GUB 72	YA48030	December 2, 1995
GUB 73	YA48023	December 2, 1995
GUB 74	YA48031	December 2, 1995
GUB 75	YA48024	December 2, 1995
GUB 76	YA48032	December 2, 1995
GUB 77	YA48025	December 2, 1995
GUB 78	YA48033	December 2, 1995
GUB 79	YA48026	December 2, 1995
GUB 80	YA48034	December 2, 1995
GUB 81	YA48027	December 2, 1995
GUB 82-90	YA48035-YA48043	December 2, 1995
GUB 91FR,92FR	YA48186, YA48187	December 2, 1995
SM 1-8	Y90711-Y90718	December 2, 1995

Table 1. Claim Information



Red Mountain Property

Claims Sketch

Figure 3

V HISTORY AND PREVIOUS EXPLORATION

The earliest records of exploration work in the general area date back to 1915, and concentrate on Silver and Lead occurrences within Metasediments of the Big Salmon Complex. In 1936, E.J. Lees of the Geological Survey of Canada noted occurrences of Galena in the vicinity of Red Mountain, and the presence of several open cuts and an adit on the north banks of the Boswell River approximately 3km north of the property.

In 1966-1967, while following up the Silver-Lead occurrences in the area, Boswell River Mines staked 396 claims which surrounded Red Mountain. Their initial work, overlapping Red Mountain, consisted of airborne magnetic, electromagnetic and radiometric surveys. Field activities were accelerated in response to the results of 1968 geochemical survey which revealed a strong northwest trending Molybdenum anomaly over Red Mountain which was also coincident with Silver, Lead and Copper anomalies over the central and southeast areas.

After constructing a winter road to the property from the Canol Road, and establishing access to worksites, Boswell River Mines explored the eastern portion of the anomaly during 1969 by drilling 16 holes (3,126m), and completing scintillometer (20,655m) and magnetic (4,694m) surveys. The drilling intersected several low grade Molybdenite zones, the most significant of which graded 0.084% MoS_2 over 176 feet (in ddh 69-F-1). Work was halted due to what appears to be a lack of funding, and the claims were allowed to lapse. The property was not mapped in detail, and the western portion of the property (currently known to overly the deposit) was left unexplored (Savensma, 1970).

The claims were restaked in 1971 by J.B. O'neil, and geologically mapped by P.H. Savensma, but were allowed to lapse. The property was restaked by R.G. Hilker during 1975, and following cursory prospecting, were sold to Tintina during 1976. Minor hand trenching was carried out later that year.

Amoco Canada Petroleum Company Ltd. optioned the property from Tintina during 1977, and earned a 50% interest therein by conducting extensive exploration programs over the next 5 years. This work included detailed geological mapping, soil, stream silt and rock geochemical surveys, geophysical surveys, orthophotography, land surveys, petrographic and metallurgical work, and 21,391m (55,705') of NQ and HQ diamond drilling in 32 holes (Korenic, 1979, 1980 and 1981; and Brown, 1981 and 1982). By late 1982, an apparently elongate concentration of Molybdenite mineralization had been delineated in reasonable detail over 1050m of strike length, 450m of width, and a depth of 1150m below surface. Ore Reserve estimates were calculated during 1981, and later revised in 1983, concluding drill indicated possible reserves of 187,270,000 tonnes grading 0.167% MoS_2 with a 0.10% MoS_2 cutoff grade. These reserves include a core of significant tonnage and of higher grades (>0.2-0.3% MoS_2) which remains open at depth and to the north.

After completion of the 1982 drill program, it was apparent that any additional surface exploration of the property would not materially contribute to a furthering of an understanding of the deposit beyond that which was provided by the information on hand, and that future exploration of the deposit would be best carried out from underground as a precursor to development and feasibility work. Although an underground exploration and bulk sampling program was outlined, it has not since been implemented due mainly to poor molybdenum market conditions. During 1993, Amoco's 50% interest in the property was purchased by Tintina. To date a total of some 6 million dollars have been spent on exploration programs on the property.

VI REGIONAL GEOLOGY

The Big Salmon Range, located in south-central Yukon, is a north-northwest trending mountain range which extends from Teslin, north to the Pelly Mountains. In physiographic and geologic terms, it is considered to represent a part of the Selwyn fold belt. The range is bounded on the west by Teslin trench (Teslin Suture; Tempelman-Kluit, 1978), a major structural break which trends from Teslin through to near Minto, and the Big Salmon Range is mainly underlain by the Big Salmon Complex and along the western edge by the Triassic Lewes River Group. The Big Salmon Complex is a series of variably metamorphosed sediments predominantly composed of micaceous quartzites, argillites, and amphibolites, with lesser limestone, schists, and gneisses. This unit has marked similarities to the Yukon Group, particularly in terms of composition and degree of metamorphism. Within the Quiet Lake map-sheet, Tempelman-Kluit (1977), refers to this unit as the Klondike Schists. Age for the complex is in questions, varying from Mississippian to late Pre-Cambrian.

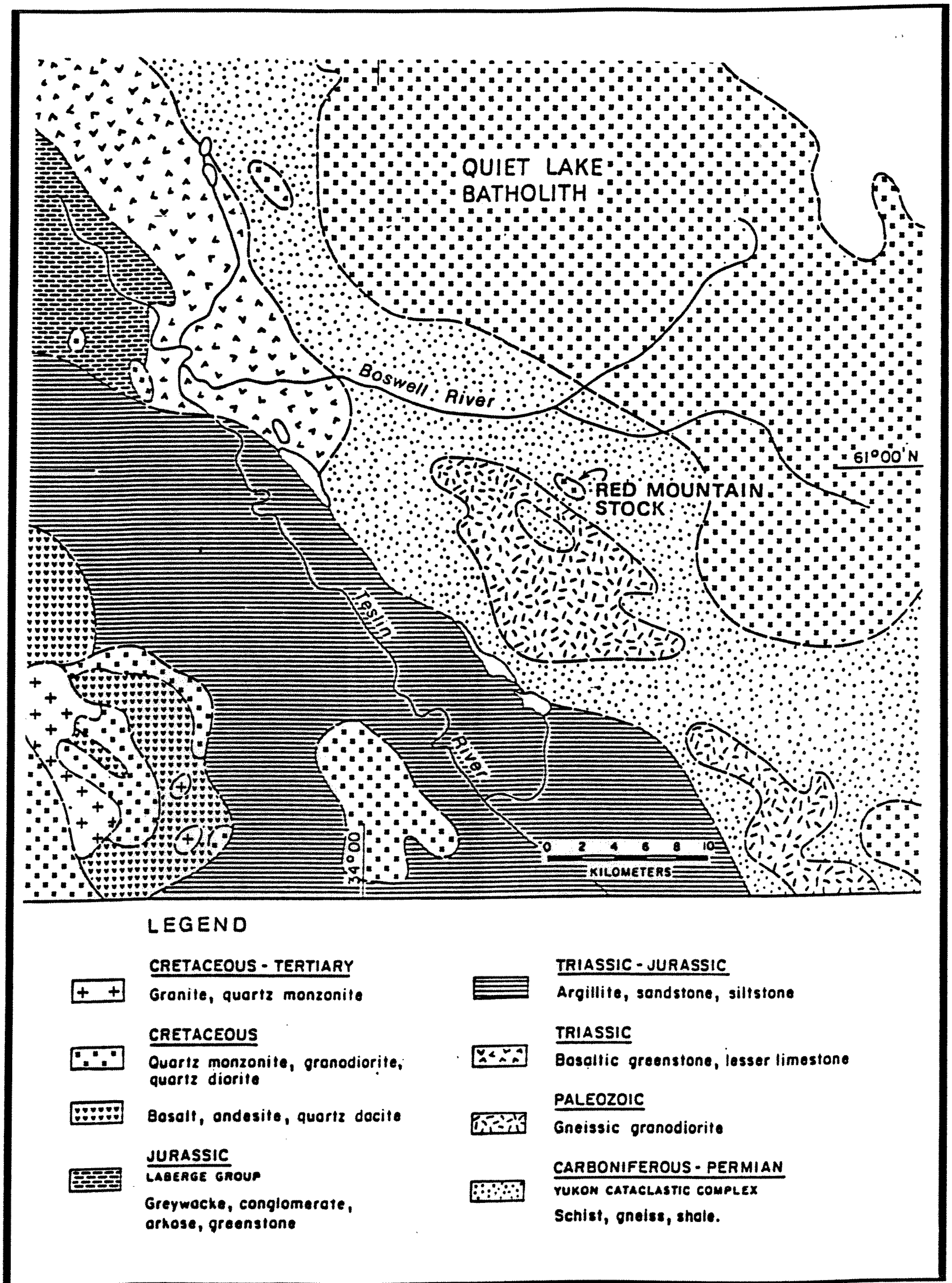
A major fault, located three to eight kilometers (2-5 miles) east of the Teslin trench, marks the contact of the Big Salmon complex with the Triassic Lewes River Group to the west. The Lewes River Group is composed of argillite, siltstone, limestone, greywacke, conglomerate, andesite and basalt. Also flanking the Big Salmon Complex, to the east, are a series of younger, variable sediments of the Mississippian Englishman's Group.

A number of stock-like or lenticular ultramafic bodies are irregularly distributed throughout the region varying in size upward to 16 kilometers (10 miles). They are believed to be of late Jurassic age and consist predominantly of peridoite, pyroxenite and serpentinite, many of which are localized along faults and appear to have a particular affinity for Permian and Triassic volcanics.

Cretaceous Coast and Cassiar intrusives of granite and quartz monzonite composition are also distributed across the region along a roughly north-northwesterly trend. The intrusive bodies are of variable size and form, the largest being the northwest trending Quiet Lake Batholith located 6 kilometers (4 miles) north and east of Red Mountain (Figure 4). The batholith is 65 by 30 kilometers in size (41 by 19 miles) and is predominantly composed of a medium to coarse grained biotite quartz monozite. It has been dated by potassium-argon methods at 83.2 and 68.3 million years.

The Red Mountain stock belongs to the suite of Cretaceous intrusives but is considerably older than anticipated dated at 95.6$\pm$2.8 Ma (Sinclair, 1980), thereby falling within the Midcretaceous period. Other intrusives in the region which exhibit similar ages include the Cassiar, Seagull and Glenlyon batholiths. Further to the northeast, another northwest trending series of quartz monzonite intrusive bodies have been dated at 89-93.7 Ma (i.e. Big Salmon Batholith).

Occurring sporadically, from Red Mountain northwest to at least the confluence of the Big Salmon and Yukon rivers, are a string of intermediate and felsic, often porphyritic, volcanic and subvolcanic rocks. "The porphyritic dikes are characterized by euhedral, white feldspar phenocrysts up to half an inch long, with quartz or hornblende, in a fine-grained, grey, greenish or purplish groundmass" (Mulligan, 1963). Within the immediate vicinity of Red Mountain, this unit, described as aplitic and rhyolite porphyry dikes, clearly postdates the Red Mountain stock. Although the age of the unit and its regional correlation remain in doubt, it is likely of early Tertiary age (these rocks were initially correlated by Lee (1936) with the Tertiary Carmacks Volcanics; later Wheeler (1952) assigned them to the Cretaceous Hutshi Group).



Red Mountain Property, Generalized Regional Geology. Figure 4

Structurally, the region appears to reflect a major northwest trending anticlinorium of which the Big Salmon Complex represents the core. Metamorphism within the Big Salmon Complex is variable, although generally it is of the greenschist facies. Structural deformation is extremely variable from that of tight isoclinal folding to broad open folds. The younger sediments flanking the Big Salmon Complex appear to have undergone relatively weak structural deformation and metamorphism. The degree of metamorphism ranges from being barely noticeable within the Lewes River Group to 'low phyllite' grade within the Englishman's Group.
The entire area appears to have been blanketed by the Cordilleran ice sheet, with the exception of the highest peaks. All indications are that glaciation affected elevations up to 1500m-1800m asl (4920-5900 feet) with an and overall westerly ice direction.

The Red Mountain deposit represents the only known significant mineral occurrence in the area. No other economic mineral deposits have been discovered within the area, with the exception of the Livingstone Creek placer gold operations, located approximately 50 kilometers (31 miles) northwest of Red Mountain. A number of minor mineral occurrences have been documented, including Pb-Ag (Boswell River), asbestos (Hayes Peak), manganese (Marlin), and copper (Lindsay, Loon).

VII PROPERTY GEOLOGY

General Geology

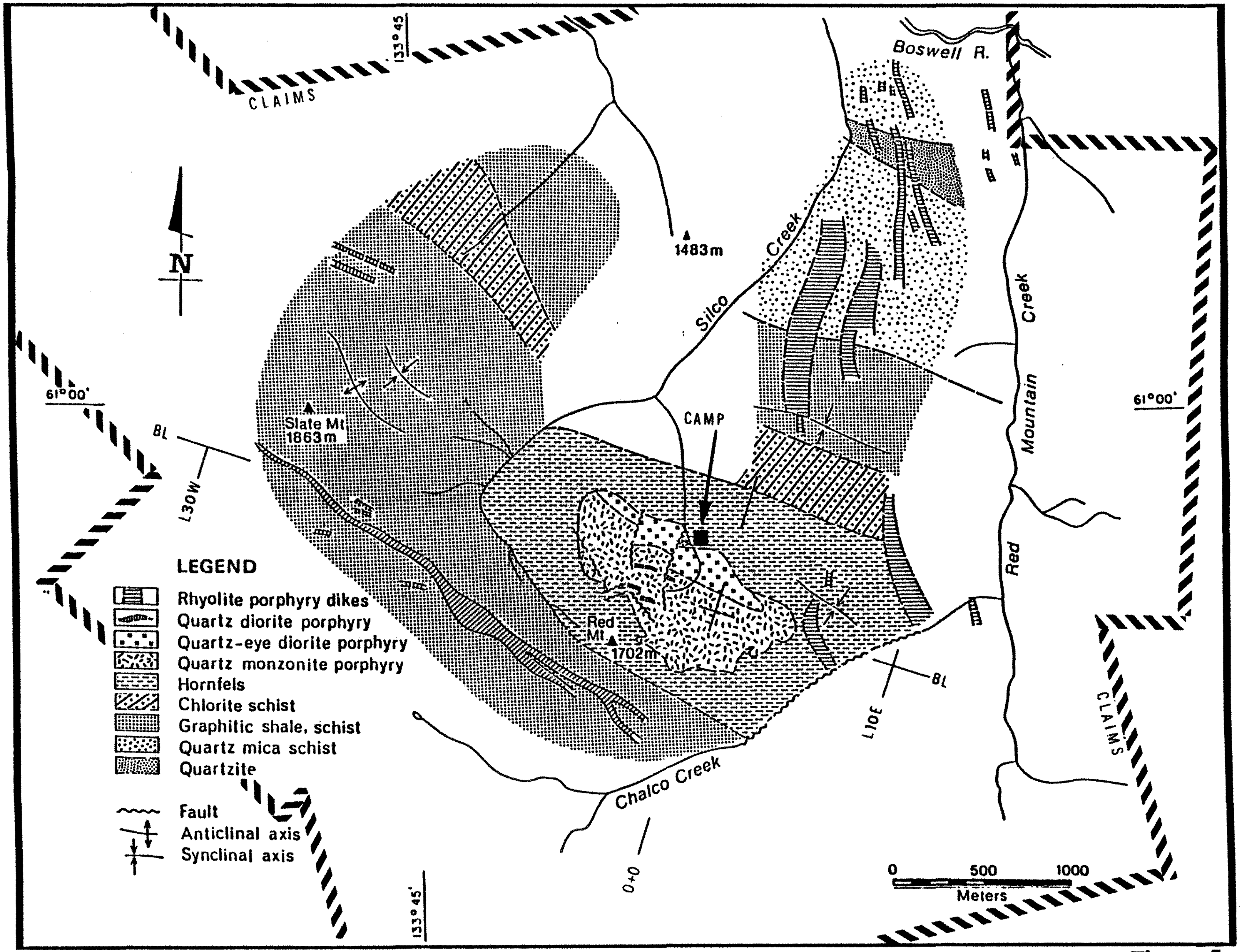
The Red Mountain deposit is a typical molybdenum porphyry breccia system with multiple episodes of molybdenite mineralization hosted within a Quartz Monzonite Porphyry and adjacent hornfels. As a small high level mid-Cretaceous stock which does not appear to have vented to surface, the Quartz Monzonite Porphyry exhibits a relatively well defined pattern of alteration and mineralization. It has been intruded near, and along, its northern boundary by a barren Quartz-Eye Diorite dike which also truncates the reserves. All indications from limited drilling to the north of this dike are that Molybdenum mineralization extends beyond it (at least on the 1200m level). General property geology is presented in Figure 5. MoS_2 grade distribution is presented in cross sectional and level plan views in Figures 6-9.

The Quartz Monzonite Porphyry is part of a steeply dipping, oval shaped, northwest trending intrusive complex with overall dimensions of 1450m by 650m (Figure 5). The intrusive complex consists of a number of phases, namely: Pre-Mineral Quartz Monzonite Porphyry, Post Mineral Quartz-Eye Diorite, Quartz Diorite Porphyry and Granodiorite Porphyry. The Quartz Monzonite Porphyry is the major member of the intrusive complex, representing 80% of its surface exposure, the remaining 20% being accounted for by the Post Mineral Quartz-Eye Diorite as a 50m wide northwesterly dike intruded along, or near, the northern contact of the Quartz Monzonite Porphyry. With depth, particularly below 700m-800m below surface (2300ft-2500ft), the porphyry displays a graduation from a well developed 'porphyry' texture to a more equigranular and coarse grained variety, as Woodcock (1980) observed in RMY-79-7.

The Red Mountain stock intrudes northwest trending argillaceous sediments of the Palaeozoic Big Salmon Complex. Widespread thermal alteration of these sediments, particularly the development of an extensive hornfels aureole accompanied the intrusions. Subsequent hydrothermal alteration, principally in the form of sericitization, silicification and chloritization, extended into, and was superimposed on, the sediments. Such alteration effects occur up to 400 meters (1,300 ft) from the stock. Particularly along the south contact, the porphyry appears to have intruded passively (by partial digestion of the hornfels) and grades indiscernibly into massive, silica-rich hornfels.

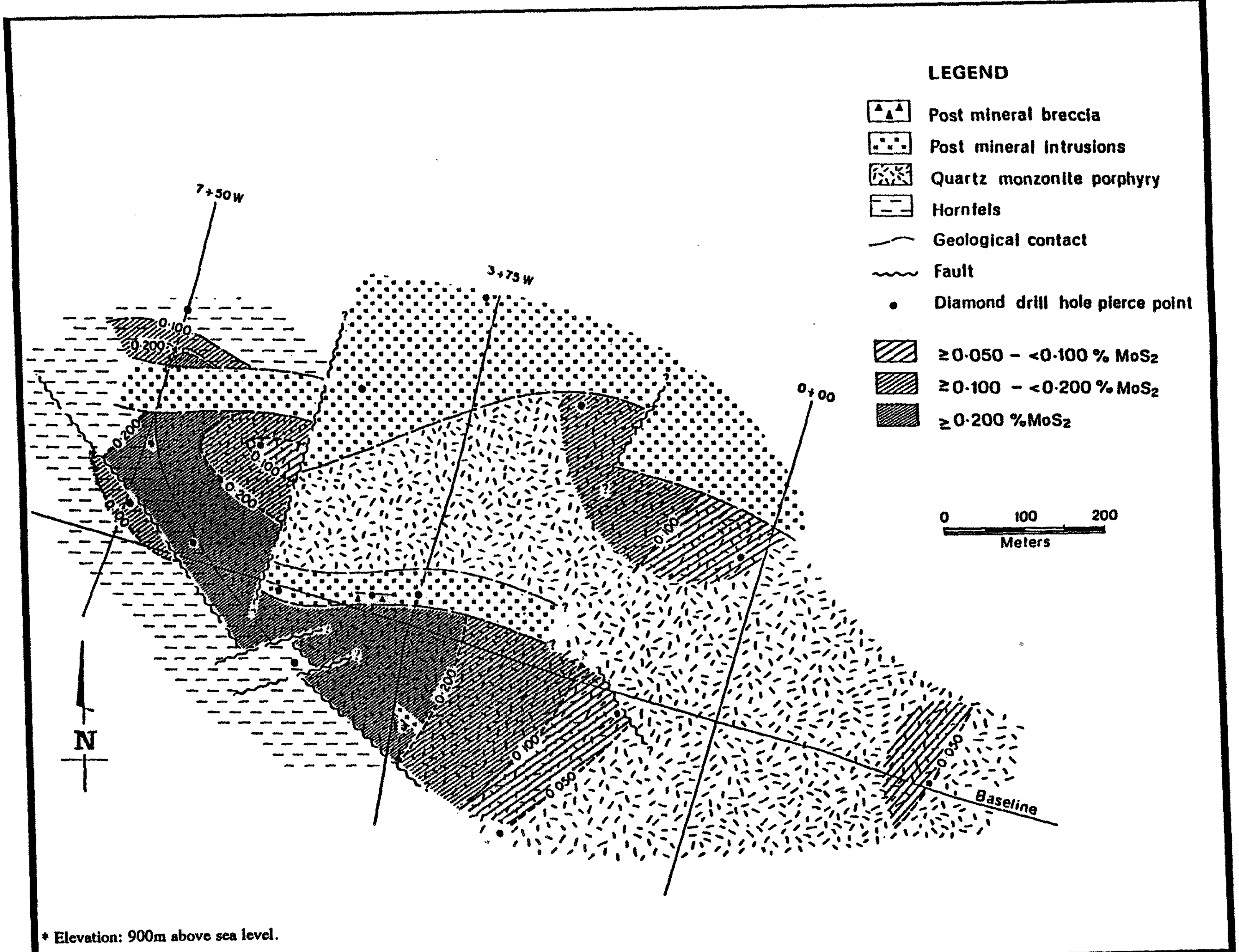
Progressively outward from the stock, the sediments grade into a well laminated, slaty sericitic hornfels; a dark gray, often pyritic and siliceous biotitic to chloritic hornfels, and finally, into unaltered black (occasionally graphitic) shales. In the northeast, between L0+00E and L5+00E, and the northwest between L15+00W and L23+75W, there is a 200-500 meter (650-1,650 foot) section of well foliated chlorite (silica) schist, trending approximately SE-NW. This unit is bright green in colour and consists essentially of chlorite and feldspar.

Proximal to the south contact of the stock, the quartz monzonite porphyry has incorporated abundant, 50-80 percent hornfels inclusions. The concentration of these inclusions decrease northward and within several holes (including RMY-79-7, RMY 80-20, RMY-82-27 and RMY-82-30) with depth. In conjunction with other observations, including the characteristics of the upper portion of the Quartz-Eye Diorite phase, it suggests that the stock may have only recently been unroofed, and that the surface exposure represents a relatively high level within this porphyry system.



Red Mountain Property. General Property Geology

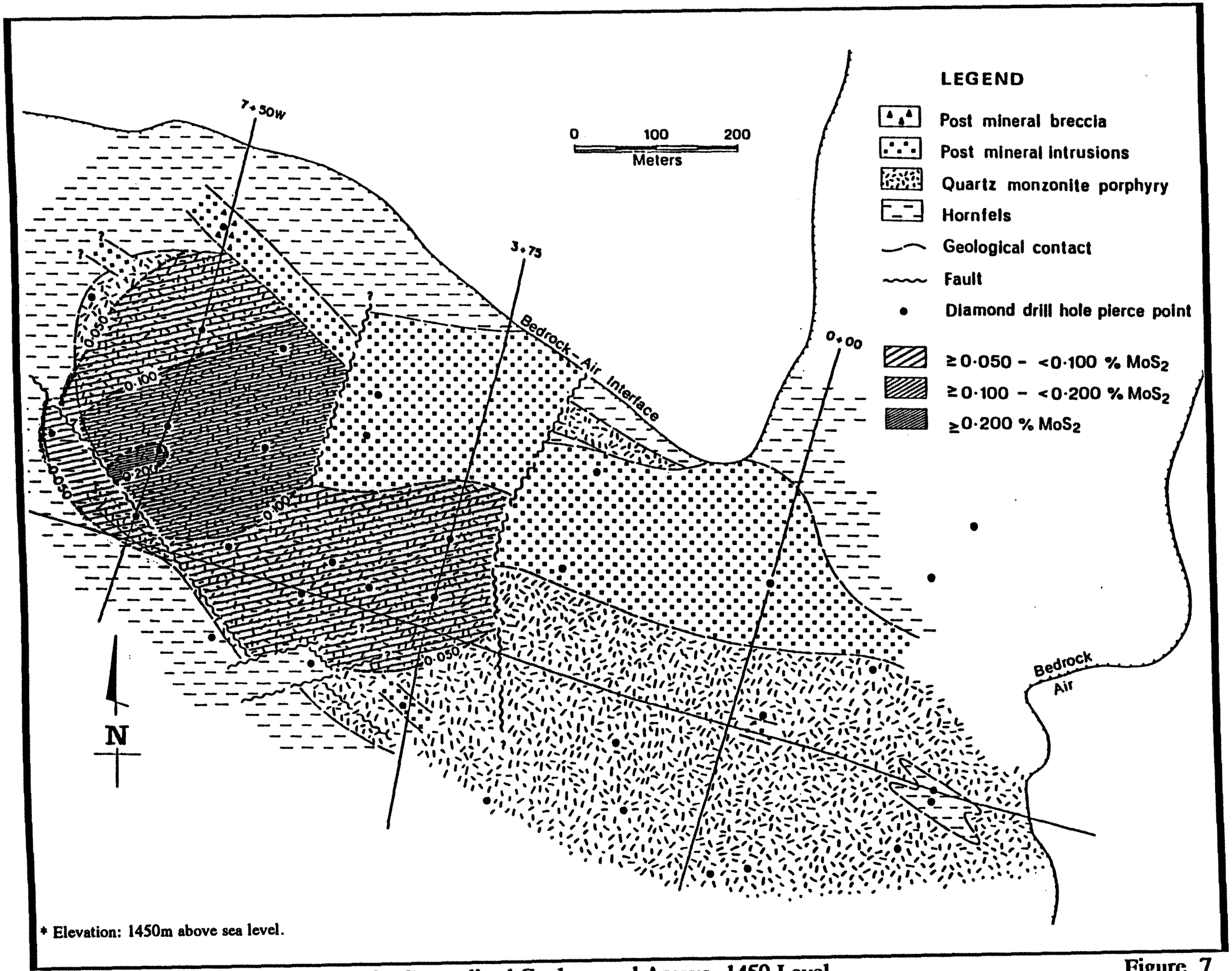
Figure 5



* Elevation: 900m above sea level.

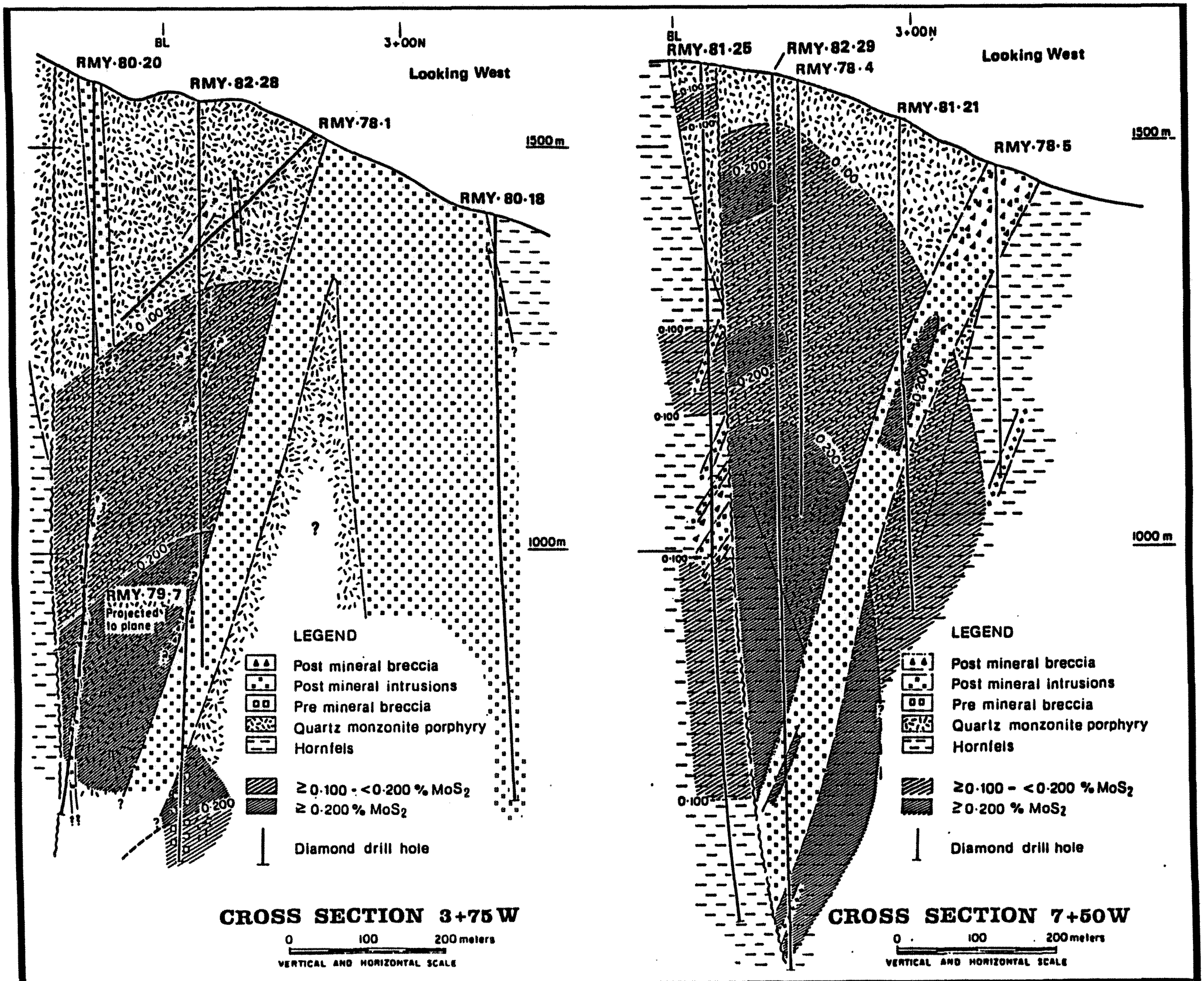
Red Mountain Molybdenum Deposit, Generalized Geology and Assays, 900 Level.

Figure 6

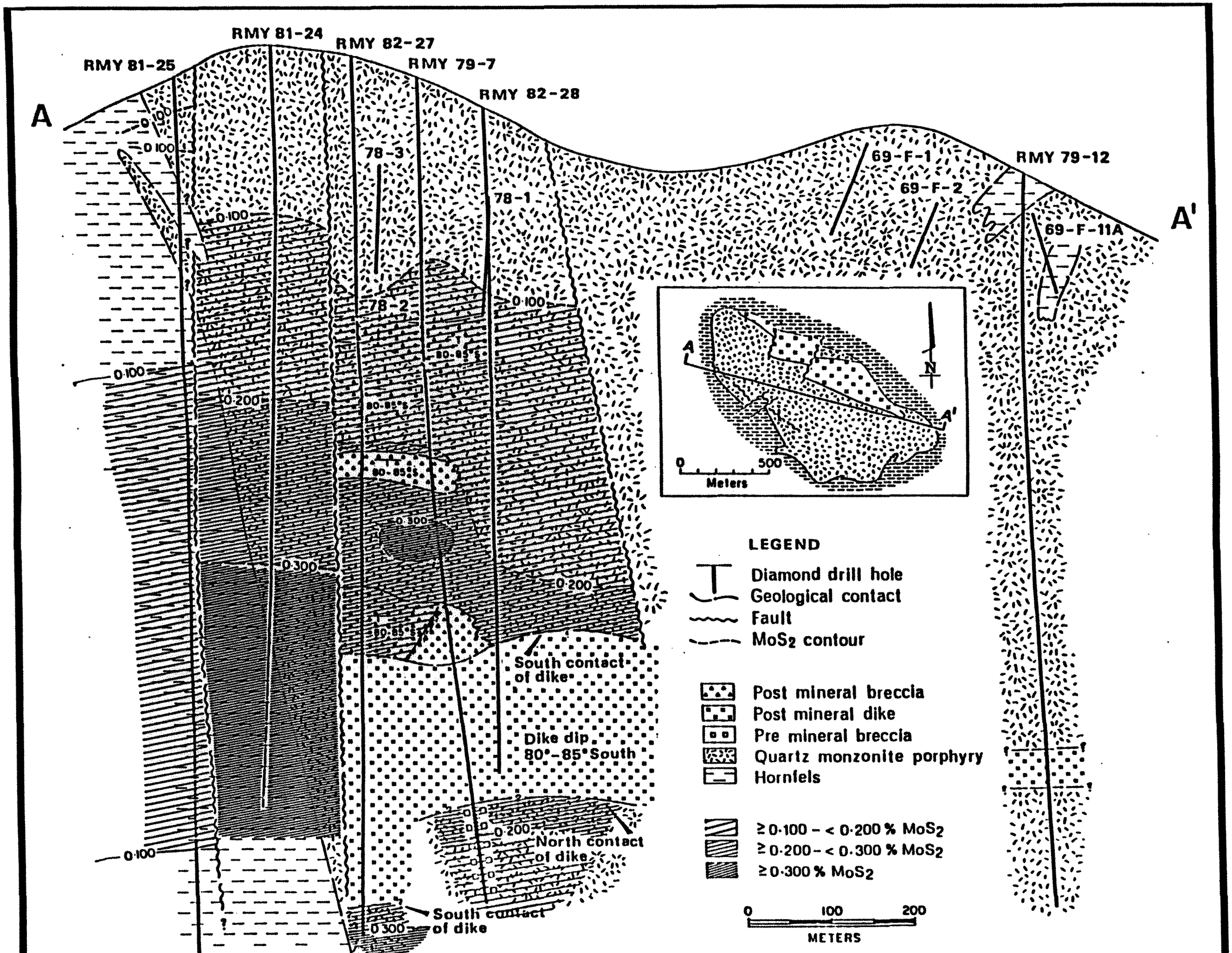


Red Mountain Molybdenum Deposit, Generalized Geology and Assays, 1450 Level.

Figure 7



Red Mountain Molybdenum Deposit, Generalized Cross-Sections 3+75W and 7+50W. Figure 8



Red Mountain Molybdenum Deposit, Longitudinal Section A–A' (Looking North) Figure 9

Four distinct breccia zones have been identified at the property, spanning the entire pre-mineral to post-mineral temporal range. While their size, orientation and distribution have not been determined due to insufficient data, the following have been recognized: (i) a Pre-Mineral Breccia predating hydrothermal activity; (ii) a Blue-Breccia, representing a distinct intramineral phase restricted to the south-central portion of the Quartz Monzonite Porphyry; (iii) a Contact-Breccia postdating mineralization, along or near the contacts of the Quartz Monzonite Porphyry and hornfels with the Quartz-Eye Diorite and Granodiorite Porphyry; and (iv) miscellaneous other small, randomly distributed breccias developed within the Quartz Monzonite Porphyry and the Quartz-Eye Diorite. Of the numerous stages of crosscutting veining observed, four members have been identified to be molybdenum bearing.

The principal structures at the property consist of several faults, zones of gouging and breccia zones. While several major (and numerous minor) faults with variable dips have been mapped at surface and in drill core, the most prominent faults have steep dips and trend NE or SE.

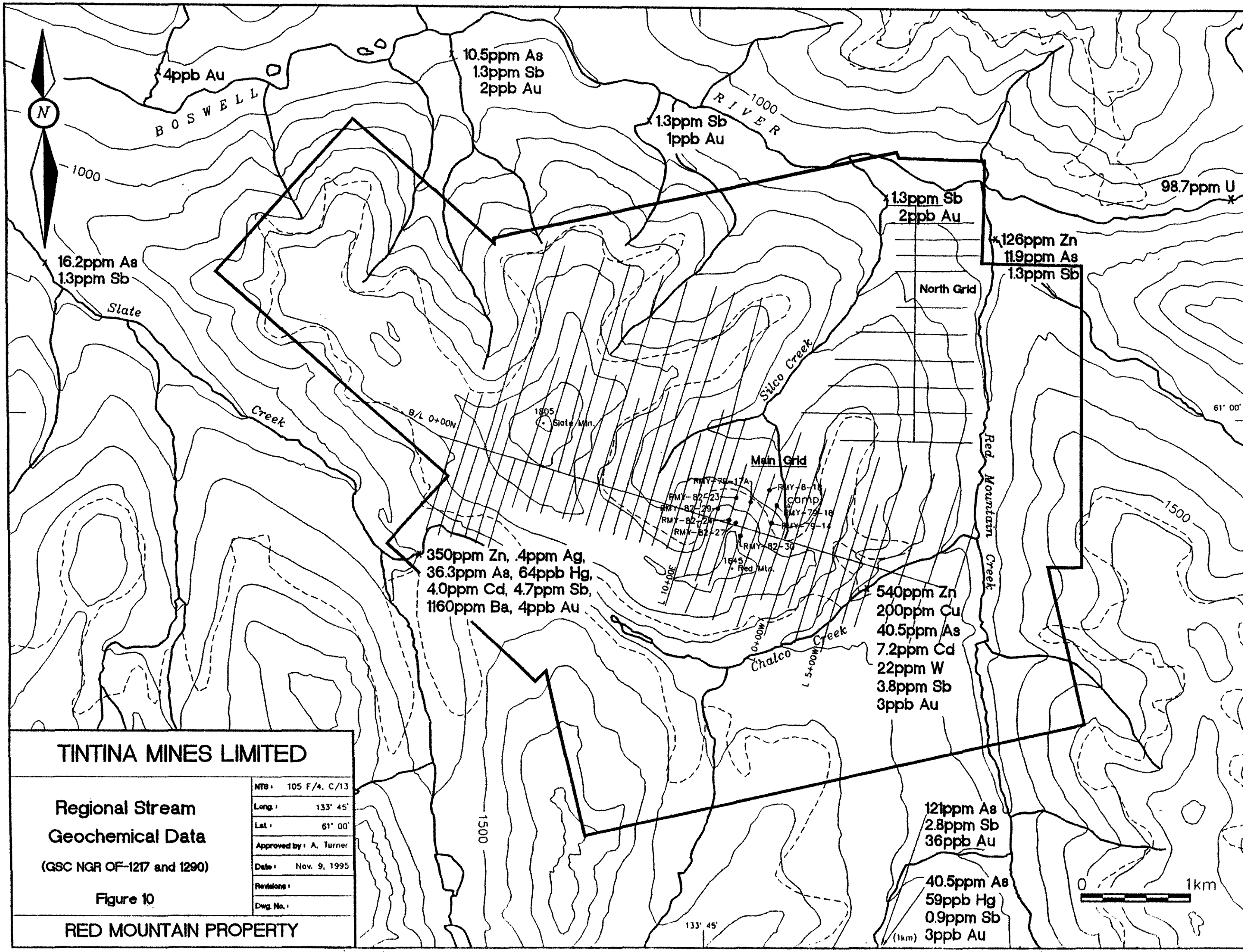
Two major faults have been identified (at 2+25W and 5+50W) which displace all phases of the intrusive complex as well as the adjacent hornfels. Both of these faults are steep dipping northeasterly features, characterized by dextral offsets and significant vertical movements of 300m-500m with downdropped eastern blocks. The two faults cross the deposit and, in effect, help expose progressively deeper, higher grading, portions of the deposit westward. It is conceivable that this upthrusting of the western blocks has introduced an inherent bias to delimitation of the deposit as being restricted only to the western part of the quartz monzonite porphyry, and that mineralization may well extend much further to the east, albeit at progressively greater depth, than presently thought.

A major fault gouge zone has bee been recognized along the southeast flank of the deposit. Although this gouge zone has been observed in only one drill hole, its location has been inferred mainly from major shifts in alteration patterns and mineralization. A number of other steep gouge zones have also been encountered in the drilling, but correlation of same has not been possible since all drilling to date has mostly been in steep to vertical holes.

Geochemistry

On a regional scale, Red Mountain stands out as an anomaly characterized not only by elevated Mo but also by elevated As, Au, Cd, Cu, Sb and Hg, as evidenced by 1985 regional stream sediment sampling results from the Geological Survey of Canada (National Geochemical Reconnaissance Survey OFR1217 and OFR1290, 1985). These results indicate a number of significant Au (and Au indicator element) anomalies in the vicinity of the property associated with coincident anomalies in Ag, As, Cu and Sb (Figure 10).

On a more detailed scale, the molybdenum deposit at Red Mountain also has a strong surface geochemical expression. Silt and soil geochemical surveys carried out to date provide coverage for a 50sq km area centered on Red Mountain, and anomalous Mo has been reported from streams draining to the north and, to a lesser extent, to the northwest. Anomalies, typically ranging 20ppm-40ppm Mo (background 4ppm Mo), have been noted to occur down-stream as far as 1.6km away. Subsidiary streams nearer the deposit have returned anomalies with 300ppm Mo, and samples of soils overlying the deposit have typically returned 250ppm-600ppm Mo, with several higher values upward to 4800ppm Mo.



TINTINA MINES LIMITED

NTS:	105 F/4, C/13
Long.:	133° 45'
Lat.:	61° 00'
Approved by:	A. Turner
Date:	Nov. 9, 1995
Revisions:	
Dwg. No.:	

Regional Stream Geochemical Data

(GSC NGR OF-1217 and 1290)

Figure 10

RED MOUNTAIN PROPERTY

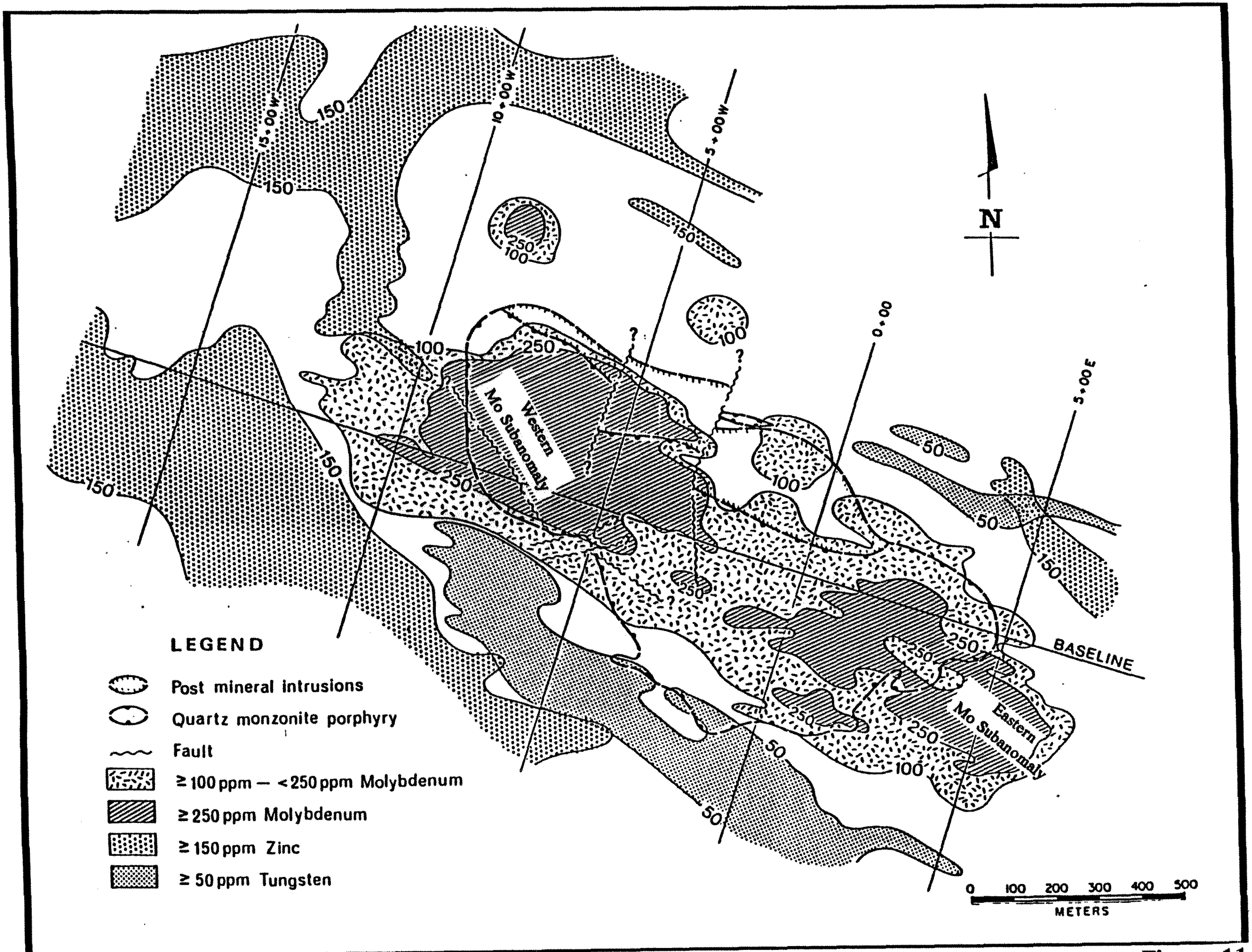


Figure 11

Red Mountain Deposit, Surface Geochemistry.

Detailed surface geochemistry is presented in Figure 11, showing an elongate, 1900mx500m, northwest trending ·100pmm Mo anomaly characterized by two subanomalies exceeding 250ppm Mo. The western subanomaly, measuring 770mx400m, directly overlies the deposit as it has been delimited to date. The eastern subanomaly, on the other hand, measures 800mx250m, is also anomalous in lead and silver, and defines the area of interest tested by Boswell River Mines during 1968, marking the earliest exploration efforts at the property. The subanomaly appears to be underlain predominantly by a pyrite zone, occupying a steep hill with well oxidized fine talus gossan and subcrop. While the subanomaly may reflect surface Mo enrichment, the lack of information therefrom, especially from drilling, does not enable conclusion of provenance. Considering the zoned nature of the deposit with its higher grades well below surface, it is conceivable that the eastern subanomaly is the surface expression of material as yet untested by the deep drilling similar to that completed over the western subanomaly.

Other metals noted in surface geochemical work define zonation patterns typical of porphyry molybdenum systems. Tungsten, Fluorine, lead, silver, copper and zinc anomalies are typically peripheral to Mo, with a general tendency for lead-silver to "favor" and overlap the eastern Mo subanomaly. Zinc defines a large halo draped along the fringes of the Mo anomaly, some 400m-600m away from its core.

Geophysics
Geophysical work at the property has been limited in scope and coverage, restricted in most part to areas overlying the deposit and its general vicinity. This work is represented by an Induced Polarization and Resistivity survey over the strongest portion of the surface geochemical Mo anomaly, and a fluxgate magnetometer survey over the intrusive complex and adjacent hornfels.

A horseshoe-shaped chargeability domain with moderate-high resistivity was outlined over the intrusive complex by the IP/Resistivity work, whereas the magnetometer survey indicated relatively homogeneous magnetics over the intrusive complex surrounded by an envelope characterized by erratic magnetic highs attributed to pyrrhotite in the pyritic hornfels.

VIII Molybdenite Deposit and Ore Reserves

Molybdenite mineralization at Red Mountain is generally associated with the Quartz Monzonite Porphyry (QMP) member of the Red Mountain intrusive complex, and occupies the northwestern portion of same. However, significant Mo mineralization has also been identified within the surrounding hornfels, particularly to the north of the QMP.

Within the Quartz Monzonite Porphyry, Molybdenite occurs predominantly as fine grained salvages and disseminations within well developed Quartz stockwork veins less than 1cm in width (typically 1-3mm), in free form or in association with pyrite. Within the hornfels, on the other hand, and especially at depth and nearer the Quartz Monzonite Porphyry, it occurs also as parallel bands within quartz veins, such that throughout the better grading localities a significant portion of the Molybdenite occurs as coating on fractures and as massive seams of up to six millimeters thick.

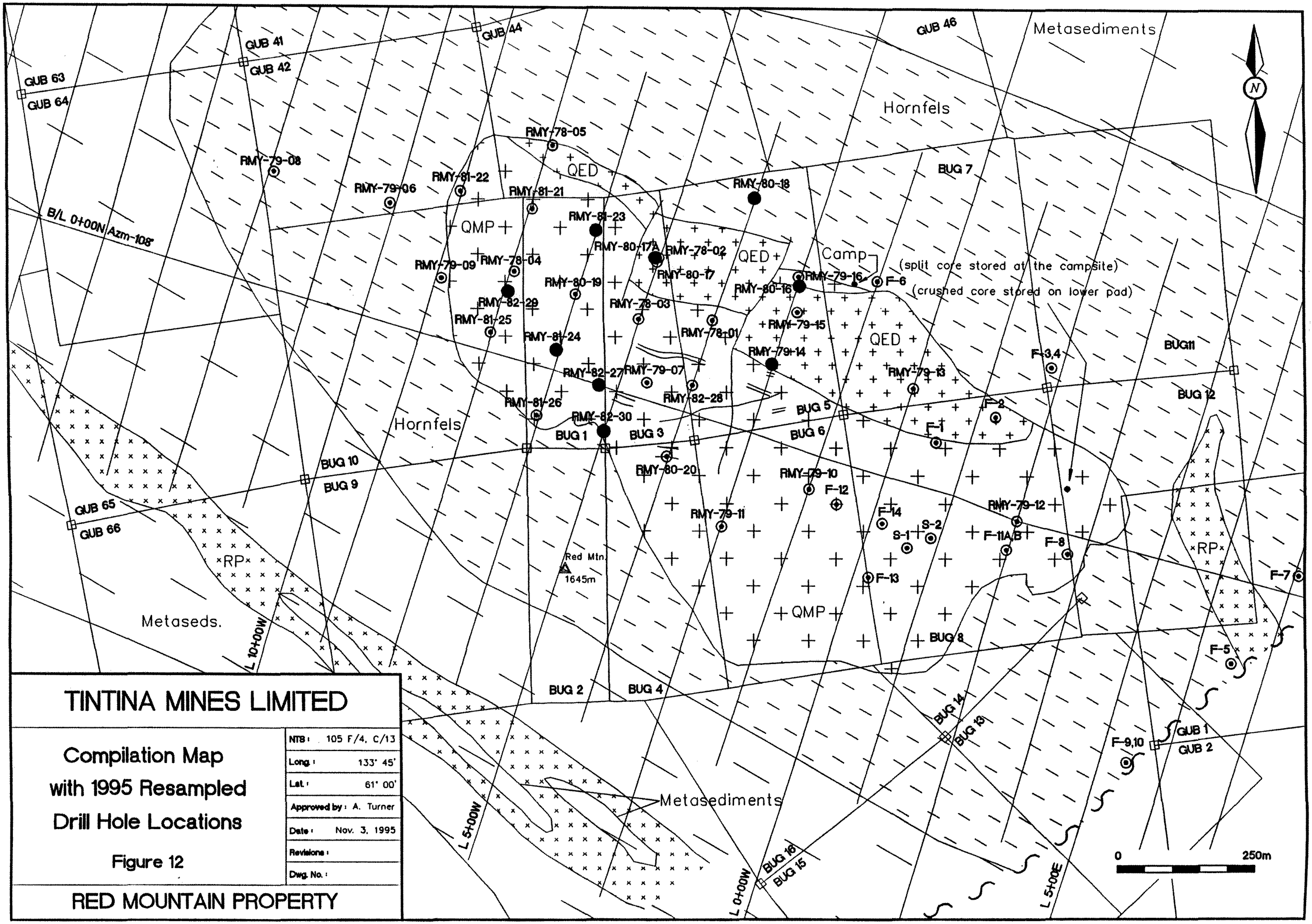
Minor chalcopyrite, galena and sphalerite have been noted, in addition to a pyritic zone peripheral to the Molybdenite mineralization with local pyrite contents of up to 10%. Limonitic gossan overlies part of the pyrite zone.

Trace element analyses indicate an inverse correlation between MoS_2 and Cu/Zn/W, and no correlation of Fluorine with MoS_2. Very limited assaying of core for precious metals has returned insignificant results (Ag 2ppm, Au 16ppb). It is of note, however, that despite its relatively low tenor, silver was also recovered in some concentrates during metallurgical testing. In general terms the Molybdenum zone is characterized by the following metal contents:

Cu	0.001%-0.05%	(Avg 0.01%, Max 0.02%)
Zn	0.003%-0.015%	(Avg 0.015%, Max 0.26%)
Pb	0.002%-0.004%	(Avg 0.003%, Max 0.26%)
W	2ppm-14ppm	(Avg 6.8ppm, Max 2,000ppm)
F	400ppm-950ppm	(only partial data)

Surface exploration work and diamond drilling on an approximately 125m by 125m spaced drill hole grid, have probed the Quartz Monzonite Porphyry in relative detail down to 1150m below surface (460m Level asl). There is a general trend for better grade with depth defining a higher grade core (>0.2% MoS_2), which appears to be centered around RMY-81-24. Laterally, away from the higher grade core, quartz-stockwork and associated mineralization gradually diminish in intensity. Vertically upward from this core, molybdenite tenor decreases nearer surface even though the quartz-stockwork is well developed. Drill hole locations are shown in Figure 12. MoS_2 distribution is presented in Figures 6-9.

Molybdenite mineralization in the 0.05%-0.10% MoS_2 range or better has been mapped over a strike length of 1050m, a maximum width of 400m-500m and down to a depth of 1150m below surface (the 460m Level). Within this zone, and approximately 400m-500m below surface (1200m Level), a higher grade core grading >0.20% MoS_2 has been encountered over some 375m of strike and down to a depth of 1150m below surface. This higher grade core has been intersected by drill holes over approximately 200m of its width, although its ultimate dimensions have not been fully delineated as it is truncated to the south by a northwesterly subvertical fault and to the north by the 50m wide dike of barren Quartz-Eye Diorite. This core is also open below a depth of 1150m from surface (460m Level), into as yet unexplored ground.


TINTINA MINES LIMITED
Compilation Map
with 1995 Resampled
Drill Hole Locations
Figure 12
NTS: 105 F/4, C/13
Long: 133° 45'
Lat: 61° 00'
Approved by: A. Turner
Date: Nov. 3, 1995
Revisions:
Dwg. No.:
RED MOUNTAIN PROPERTY
Metasediments
Hornfels
QED
QMP
RP
Metaseds.
Camp
(split core stored at the campsite)
(crushed core stored on lower pad)
Red Mtn.
1645m
B/L 0+00N Azm-108°
L 10+00W
L 5+00W
L 0+00W
L 5+00E
0
250m
N
GUB 41
GUB 42
GUB 44
GUB 46
GUB 63
GUB 64
GUB 65
GUB 66
GUB 1
GUB 2
BUG 1
BUG 2
BUG 3
BUG 4
BUG 5
BUG 6
BUG 7
BUG 8
BUG 9
BUG 10
BUG11
BUG 12
BUG 13
BUG 14
BUG 15
BUG 16
RMY-78-05
RMY-79-08
RMY-81-22
RMY-79-06
RMY-81-21
RMY-80-18
RMY-81-23
RMY-80-17A
RMY-78-02
RMY-79-09
RMY-78-04
RMY-80-17
RMY-80-19
RMY-79-16
F-6
RMY-80-16
RMY-82-29
RMY-78-03
RMY-81-25
RMY-78-01
RMY-79-15
RMY-81-24
RMY-79-14
RMY-82-27
RMY-79-07
RMY-79-13
F-3,4
RMY-82-28
RMY-81-26
RMY-82-30
F-2
F-1
RMY-80-20
RMY-79-10
F-12
RMY-79-12
F-14
RMY-79-11
S-2
S-1
F-11A B
F-8
F-13
F-7
F-5
F-9,10

MoS_2 grades exceeding 0.30% characterize the core of the deposit at depths exceeding 600m below surface (below the 1000m Level), and comparable grade material has been noted to occur to the north of the 50m Quartz-Eye Diorite dike which has provisionally been regarded to represent its northern extent. The data gathered to date places no depth limitations on the mineralized zone and all indications are that anticipations of outlining additional high grade material, below that which has already been identified, would be better than realistic.

Ore reserve estimates at a cut-off grade of 0.10% MoS_2 define the deposit as being an elongate, steep southwesterly dipping concentration of Molybdenite, approximately 900m long, 150-300m wide and at least 1150m deep, occupying the western portion of the Quartz Monzonite Porphyry. These reserves stand at 187,000,000 tonnes grading 0.167% MoS_2, and are discussed in greater detail in a later section of this report. Ore reserve details are summarized in Appendix I.

Surface oxidation over the molybdenum zone is relatively deep. It extends down to an average depth of 100m below surface, confined in most part to rusty coating in fractures.

Metallurgy

Metallurgical tests were undertaken during 1980 to assess the amenability of Red Mountain ore and its suitability to the production of a saleable concentrate (see Appendix II). More extensive tests were completed during 1981-1982 to address the recommendations of the earlier work and to expand upon observations therefrom. Fresh as well as oxidized ore were tested, demonstrating that the ore is of relatively simple mineralogy, and that the Molybdenum can be easily liberated during flotation achieving excellent recoveries. The tests suggest a relatively coarse effective grind near 50% -200mesh with 95%+ Mo recoveries in the rougher flotation.

Copper, Lead and Iron were noted to be the principal impurities in the concentrates produced, and their levels were successfully depressed to below, or near, acceptable concentrate specifications in cleaner flotation tests by the addition of Nokes reagent. An average recovery of 94% Mo with a grade of 49.55% Mo was achieved in locked-cycle tests representing the nearest laboratory simulation of pilot mill conditions. An average of 143gm/t of silver was also recovered in the concentrate during the locked-cycle tests, although testwork was not designed to assess recovery of gold which has previously been detected in trace amounts from a handful of drill intersections.

IX 1995 PROGRAM

Porphyry style mineralization is believed to form by the movement of very large volumes of hydrothermal fluids associated with alkalic and calc-alkalic intrusive activity. These fluids leach a wide variety of metals from country rocks and host rocks and then deposit them in a well zoned configuration characterized by a disseminated porphyry style Cu and/or Mo deposit at the bottom (or the core); by Ag and base metal vein deposits progressively away from the porphyry core; and, finally, by epithermal Au mineralization in the highest (or outermost) portions of the system (with or without supergene enrichment). There is generally a strong association between increased Au concentrations and elevated Cu concentrations within porphyry deposits evidenced by many Cu-Au porphyry deposits observed throughout the Canadian Cordillera, which include examples of porphyry style molybdenum deposits that carry elevated Au values (e.g.the Mount Edziza Mo deposit).

At Red Mountain, the highest Mo grades are at considerable depth below surface and the deposit is open at depth. In addition, many of the drill holes intersecting the upper levels of the deposit (between 150m and 75m of the surface) contain 50m-75m intervals of Cu mineralization ranging from 200ppm to 2000ppm (0.02% to 0.2%). These intervals appear to define a Cu bearing cap (Figure 13) which would have a good potential for Au mineralization as would the overlying oxide cap which occupies the uppermost 100m to 150m of the holes. The oxidized cap holds further potential for the supergene enrichment of gold.

The depth of the high grade porphyry molybdenum sections at Red Mountain, the higher level copper-rich zone, and the silver-lead+/-zinc veining at the surface, indicate that the bulk of the porphyry system at Red Mountain is intact. In addition, given the normal faulting (down dropping), there is good potential for the near-surface preservation of even "higher" portions of the system, which would normally carry the precious metal epithermal-type mineralization if such metals existed in the system.

Although considerable data was gathered in the course of exploration for Mo at Red Mountain, the potential for gold mineralization within and in the peripheries of the deposit was never assessed. The only reference to any Au analyses found in the Amoco reports was to 8 samples from RMY-81-22 with values ranging from below detection to 24ppb Au. These samples represent 24m out of a total of 21,391m of drilling performed by Amoco between 1978 and 1982. This apparently was despite encouragement from the resampling of an old Boswell River Mines 1969 drill hole (Drill hole 69-F-1) which was performed during the 1978 program. Hole 69-F-1 was resampled by AMOCO in its entirety, over 5 foot intervals, and analyzed for Cu, Pb, Mo, Ag, and Au (see Figure 13, and Appendix III). The most significant results were a number of 0.01 oz/ton and 0.02 oz/ton Au assays between 165 feet and 260 feet none of which were followed up by additional drilling nor surficial work.

An exploration program was completed during the 1995 field season to investigate the gold content of select portions of the deposit and its peripheries. The primary objective of the program was to investigate whether Red Mountain Mo ore might yield coproduct gold in concentrates. The secondary objective of the program was to evaluate the gold content of various parts of the periphery of the system including highly silicified zones, Cu enriched zones, and the oxidized cap with a view to directing future underground development into mineralized rather than barren ground. The program consisted in most part of the resampling of crushed drill core stored at the property from select sections of the deposit.

A 3-man field crew mobilized to Whitehorse on July 10, 1995, and to the property on July 11. Sampling was conducted during the period July 11-15, accessing the property on a daily basis by chartered helicopter from Whitehorse. Demobilization from Whitehorse was completed on July 16, 1995. List of personnel is as follows:

Andrew Turner, P.Geol.	Project Leader
Craig Charters.	Prospector and Field Assistant
Michael Turner.	Field Assistant

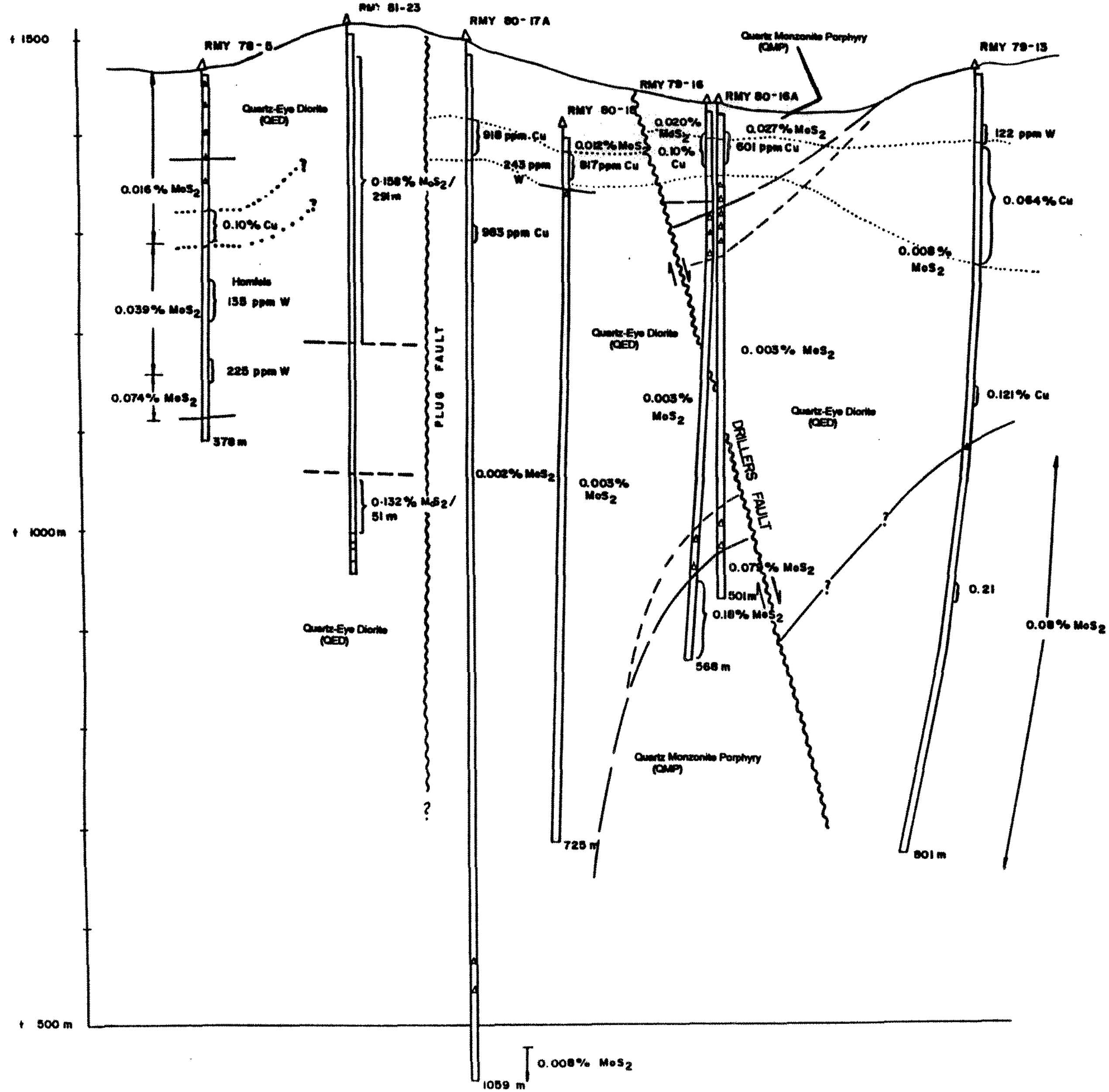
Of the total of fifteen mandays directed toward the field portion of the project, one manday (plus 3 helicopter hours) was spent toward the collection of 6 stream silt sediments, 4 stream heavy mineral concentrates (by panning), and 4 rock (outcrop) samples. An estimated $50,000 were spent toward the work program from its pre-engineering stages in June/95 to report writing (Nov/95). A portion of this amount is filed toward assessment work requirements, comprising expenditures incurred in the Yukon and those incurred solely in connection with the sampling of the drill core. A statement of expenditures with claim allocations is appended (Appendix IV).

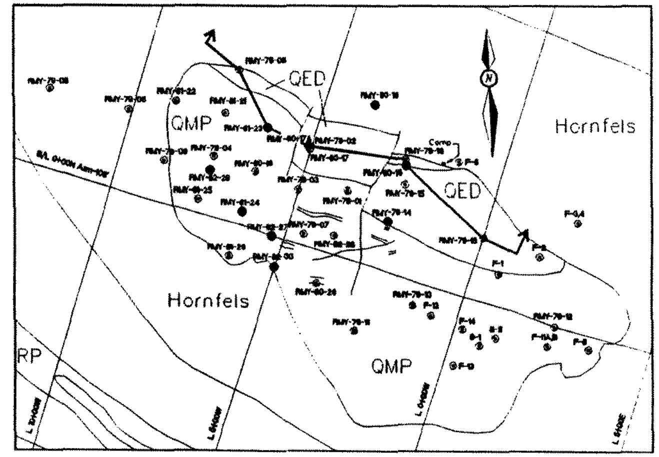
A total of 417 core intervals were sampled, from 9 of the 32 available drill holes (Figure 12). Seven of the holes were sampled by taking a representative 2kg-3kg split from archives of coarse rejects of crushed core, while the remaining two holes were sampled directly from the split core as no crushed material could be located. The split core is stored at the main camp site above Silco Creek, whereas the crushed core is stored on a pad above Red Mountain Creek (Figure 12). See Appendix V for a complete list of sample numbers, and their locations, and Appendix VI for the original Amoco drill logs for the 9 holes sampled. A summary of sampling by claim is tabulated below.

Claim Name	Grant Number	Drill Hole Sampled	Number of Samples	Percent of Total
BUG-1	Y98583	RMY81-24 RMY82-27 RMY81-23 RMY82-30	116 85 58 12 Total=271	64.99%
BUG-3	Y98585	RMY80-17A	20	4.80%
BUG-5	Y98587	RMY80-18 RMY79-14 RMY79-16	12 9 10 Total=31	7.43%
BUG-10	Y99305	RMY82-29	95	22.78%

Table 2. Work Distribution by Claim.

Drill holes sampled from coarse crushed archives are: RMY-81-23, RMY-81-24, RMY-82-27, RMY-82-29, RMY-80-17A, RMY-80-18 and RMY-82-30. Holes RMY-81-23, RMY-81-24, RMY-82-27, and RMY-82-29 were sampled primarilly due to their higher grades of MoS_2. Hole RMY-81-24 represents the core of the ore body.





Section Location

LONGITUDINAL SECTION

WEST - EAST SECTION ALONG QUARTZ - EYE DIORITE

LOOKING NORTH

TINTINA MINES LIMITED

Cu Enrichment Zone Within the Quartz-Eye Diorite (QED)

Figure 13

NTS:	105 F/4, C/13
Long.:	133° 45'
Lat.:	61° 00'
Approved by:	A. Turner
Date:	Nov. 3, 1995
Revisions:	
Dwg. No.	

RED MOUNTAIN PROPERTY

The upper sections of holes RMY-81-24 and RMY-82-27 were sampled to investigate relatively high previously reported Cu values along with potential oxide enrichment zones and silicification. Holes RMY-80-17A, RMY-80-18 and RMY-82-30 were sampled to test several interesting Cu intersections.

Holes RMY-79-14 and RMY-79-16 were sampled directly from the split core. These holes were sampled due to relatively high Cu values in thier upper oxidized levels. The core samples were obtained by removing approximately 2kg-3kg of material as a composite grab from the core boxes.

Samples were shipped to Activation Laboratories in Ancaster Ontario, from the Trans North hangar in Whitehorse, following the completion of activities at the property on July 16, 1995. Sample preparation consisted of crushing and pulverization, following which they were analyzed by INAA and a total digestion ICP-ES (Activation Package Au+47). Summary of the data as well as analytical certificates are appended (Appendix VII). Results are also presented in drawings 95-1 through 95-5(drawings 95-4 and 95-5 are graphical analytical summaries included for convenience).

The 1995 work was intended only as a preliminary step toward assessment of the gold potential of the deposit, evidenced by the limited sample coverage of 417 samples chosen from a total of more than 6900 samples collected from core during the Amoco Drill programs. The core sections examined, however, do provide a reasonably representative characterization for portions of the deposit which are of interest from the perspective of gold mineralization. In order to optimize coverage, certain sections of core were analyzed by examining every second or every third sample interval. Accordingly, although, the 417 samples represent only a total of 1251m of actual core length, they serve to characterize an overall core interval of approximately 2765m (or approximately 10% of the total drilled to date). A total of 354 samples were collected from 4 holes within the Mo deposit for a total core coverage of approximately 2371m, while another 63 samples were collected from 5 holes on the periphery of the deposit for a core coverage of approximately 394m. Results are discussed in the section following.

X Summary of Results

The 1995 work program represents the first multielemental lithogeochemical characterization of the Red Mountain deposit. The data from re-examination of the drill core corroborate previous findings from the 1978-1982 programs in respect of uniformity of the Mo content within the deposit, and serve to characterize the distribution and relative patterns of a myriad of other elements including Ag, Cu, Au and pathfinder indicator elements. Data for the principal metals are presented in Drawings 95-1 through 95-5. Elemental variograms are presented in Figures 14-17, basic statistical distributions are appended (Appendix V). Overall patterns are as follows:

Molybdenum

During the 1995 program, Mo was analyzed by both ICP-ES and INAA. Data from INAA has been utilized in all plots. Comparative variograms are presented in Figure 14 showing that for levels of Molybdenum above detection and below 3000ppm, there is a virtual 1:1 correlation between the INAA Mo and the ICP Mo values. On the average, with the removal of a few very high grade samples, the INAA Mo values are approximately 4% higher than those by ICP.

The 1995 data is compared in Figure 14 to that documented from the 1978-1982 work by Atomic Absorption. There is good correspondence between the two data sets, although the 1995 work reported on the average values 10% lower than those from the AA work. The differences may be attributed to the contrasting analytical technique and different sample digestion methodology. The AA data (1978-1982) are shown in all drawings for comparison.

The distribution of Mo content corroborates previous findings, defining a high grade core at depth away from which Mo grades gradually decrease.

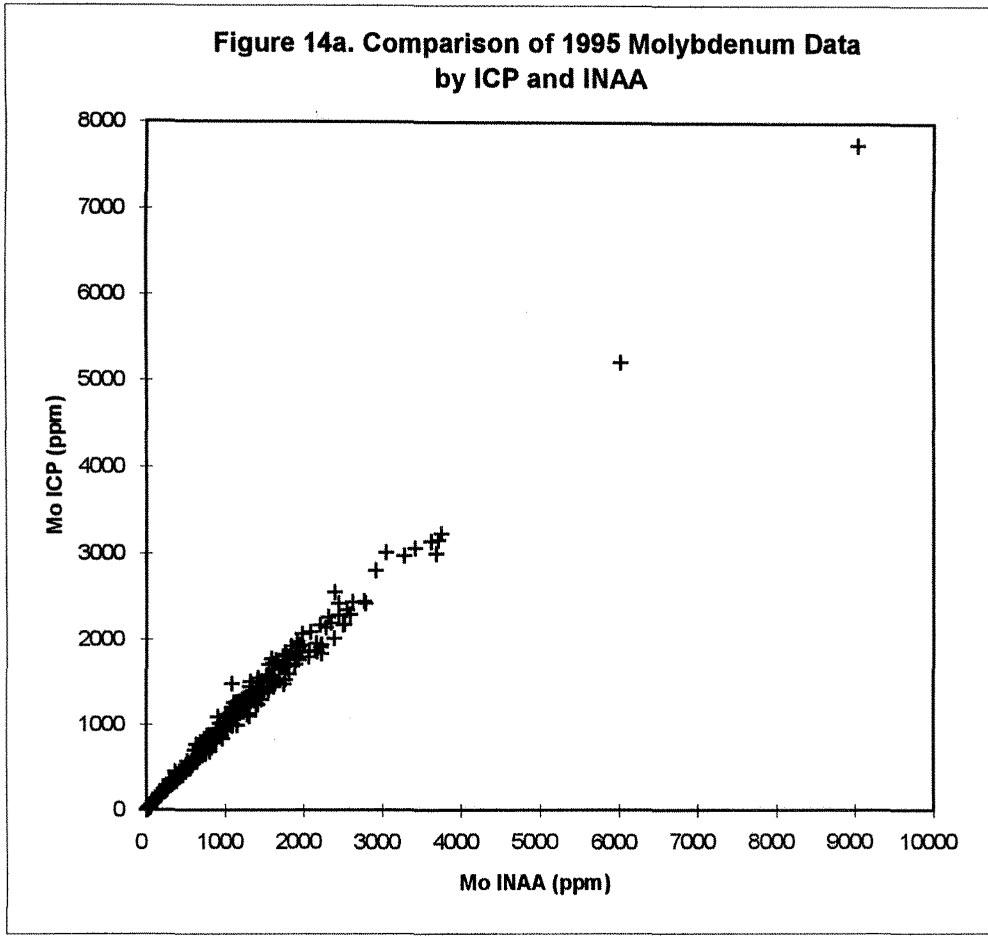
Copper

Copper mineralization, noted in the core from deeper sections occurs as disseminations of chalcopyrite. In contrast, it occurs as oxide coatings and fracture fillings at the shallower levels. Copper distribution corroborates previous findings, namely that Cu values within the Quartz Monzonite Porphyry (QMP) in general, and within the deposit in particular, are low, and that the higher values are confined to contacts with the Quartz-Eye Diorite and localized fractures. Cu values within the QMP range between 20ppm and 40ppm with occasional spikey values up to 100ppm to 200ppm, and they vary inversely with Mo.

Cu is slightly more abundant within the Quartz-Eye Diorite (QED) where concentrations typically range from 100ppm to 300ppm. The upper oxidized levels on the periphery of the deposit host the greatest concentrations of Cu, often in Hornfels or QED. The highest concentrations encountered (upward to 3300ppm, or 0.3%) are visually discernible manifested as abundant Malachite staining in drill core. Cu content also correlates well with Ag and Pb values with correlation coefficients of 0.69 and 0.32 respectively. Copper variograms are presented in Figure 15.

Silver

Silver values range from below detection to a maximum of 22.7ppm, averaging 1.0ppm. The highest silver values were returned for three samples within hole RMY-79-16 at a depth of between 46.0m and 61.0m within the QMP. There is no reference to any textural or lithological contrasts in drill log description of these sections of core (Appendix VI) to account for these values, although it is of note that this hole is collared very near to the contact between the QMP and the QED.



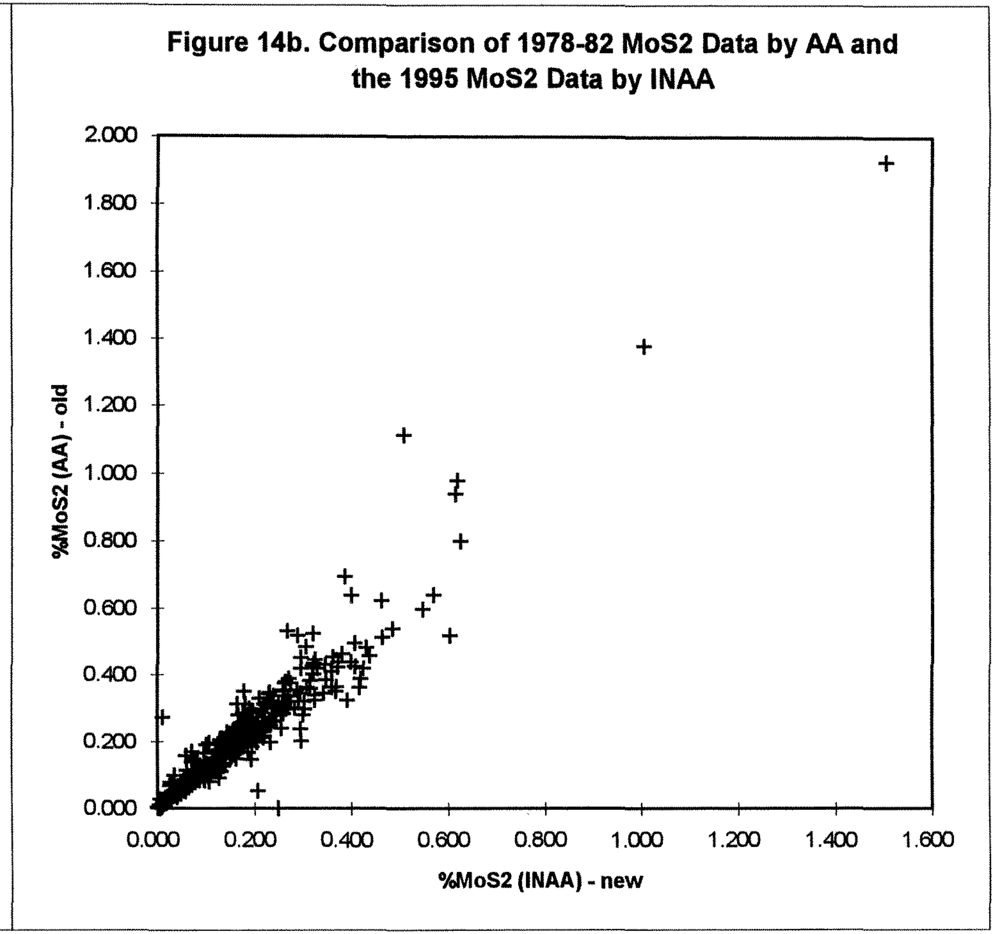


Figure 14a, and 14b: Comparative Mo Variograms

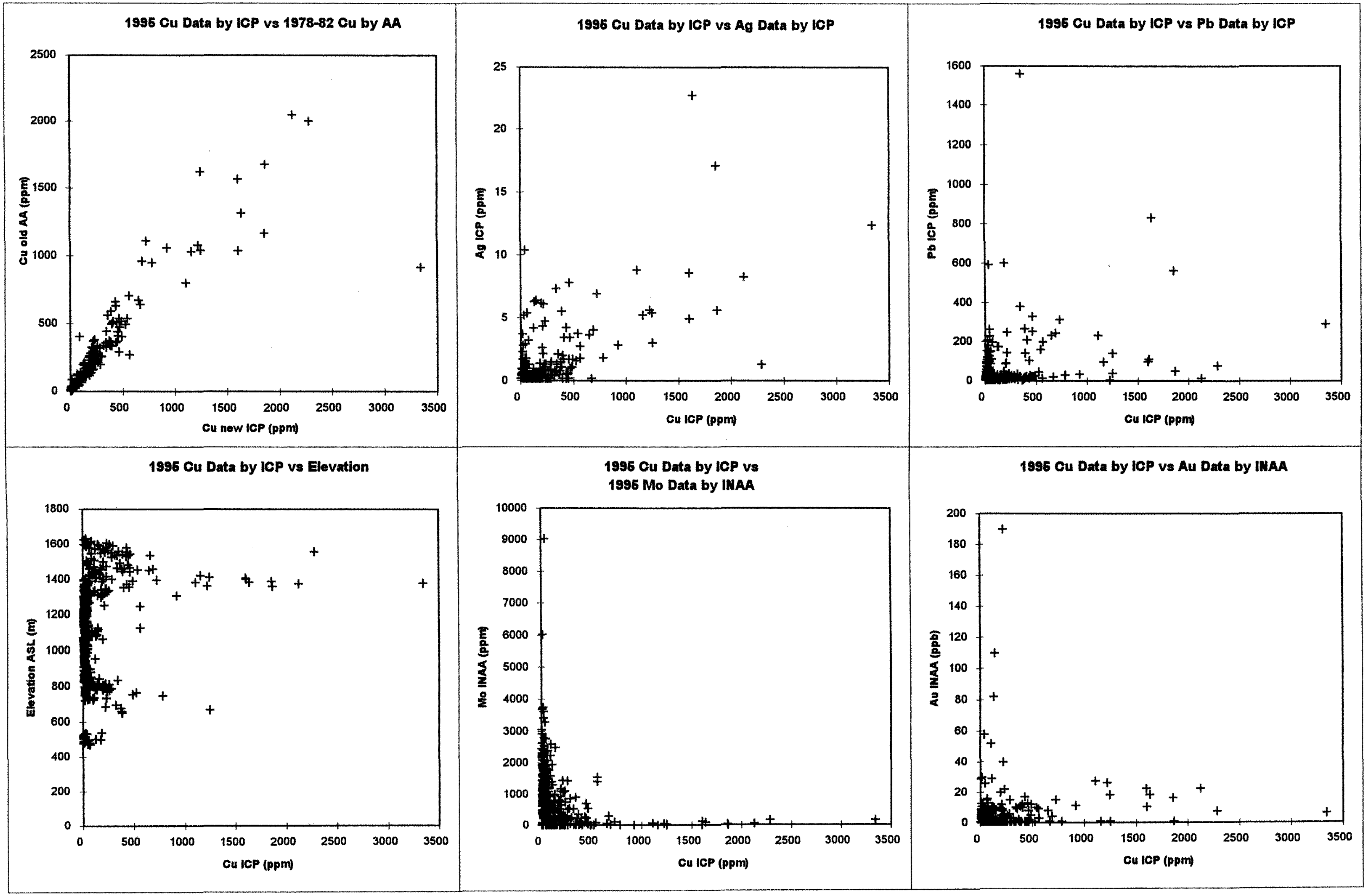


Figure 15. Lithogeochemical Cu Variograms

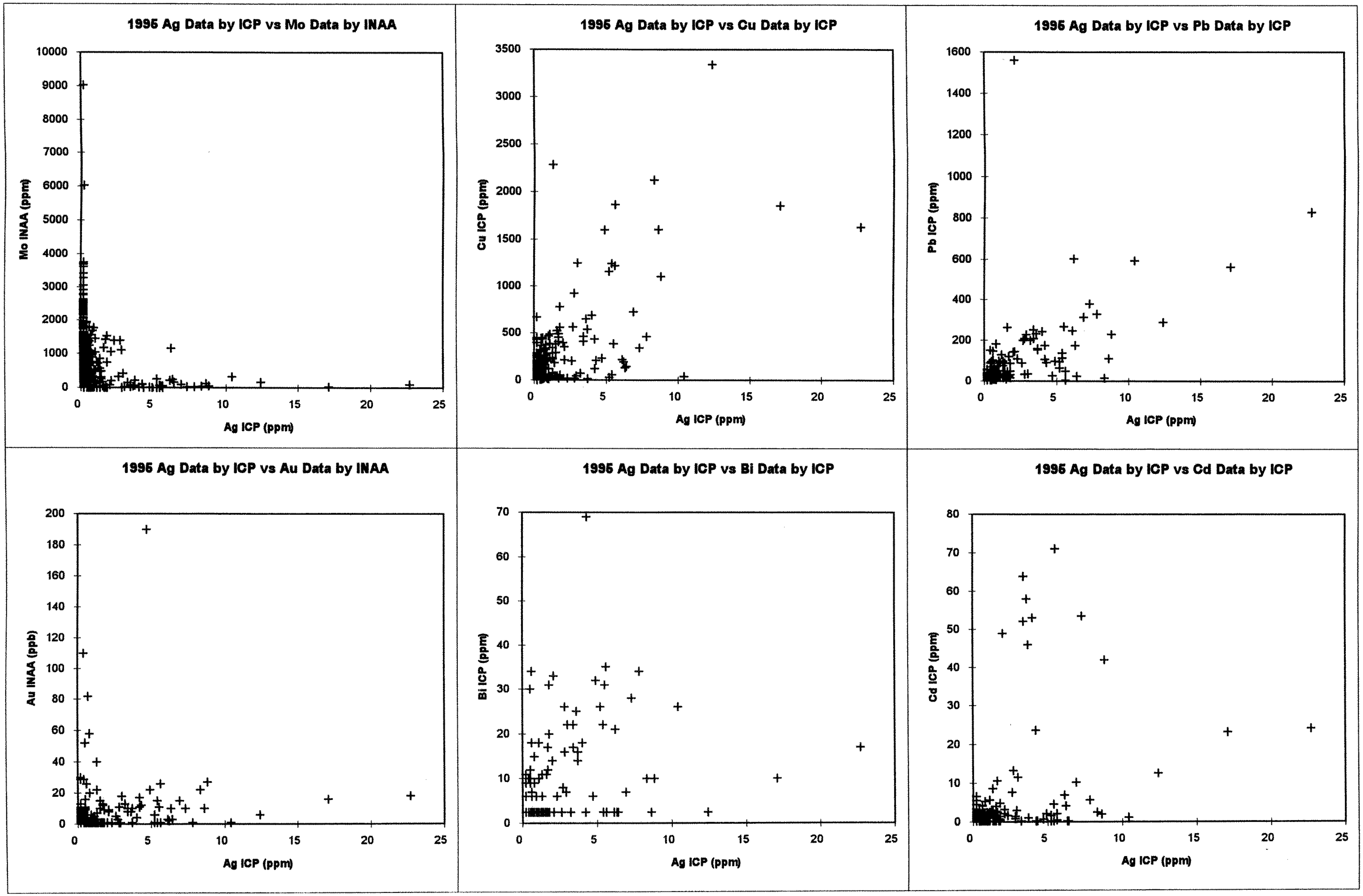


Figure 16. Lithogeochemical Ag Variograms

Silver generally correlates inversely with Molybdenum. Silver values from deeper sections of the deposit range from below detection to 2ppm-3ppm and are characterized by broad uniform sections. It is of note that the average Ag value for samples from RMY-81-24, cored down the center of the deposit, is approximately 0.5ppm. This data is compatible with the recovery of up to 143g/ton of silver from Mo concentrates produced during metallurgical test work with concentration ratios of 1:400 to 1:550 (Appendix II).

Statistically, silver is related to Cu (c.c. - 0.69), Pb (c.c. - 0.63), Bi (c.c. - 0.46), and Cd (c.c. - 0.44) (Figure 15). The elemental associations suggest an influence from a classic late stage, low temperature, peripheral base metal vein system. Such occurrences, particularly those abundant in Ag and Pb, have been noted in the area since the early 1900's.

Gold

Gold values range from below detection to a maximum value of 190ppb, averaging 4.6ppb. Samples from the core of the deposit returned valued ranging from below detection to 9ppb, and half of the samples, majority of which are from well within the Mo mineralized sections, contained less than the detection limit of 2ppb Au.

Elevated Au values were generally returned from the holes that lie away from the main Mo ore zones. The highest Au values were returned from hole RMY-80-18, located on the edge of the Mo mineralization, in close proximity to a fault which cross-cuts the Red Mountain stock (Figure 12). The uppermost 115m of this hole was tested by analyzing every third sample, returning an average Au grade for the 12 samples collected of 43.4ppb. The interval tested straddles the contact zone between the Quartz-Eye Diorite (QED) and the surrounding hornfelsed metasedimentary country rock, suggesting a potential for precious metal enrichment associated with the edges of the QED, particularly along its contact with the hornfelsed sediments.

Gold variograms are presented in Figure 17. Gold concentrations show a strong affinity for the classic Au indicator elements As and Sb, with correlation coefficients of 0.67 and 0.57, respectively. Also correlatable with Au values are La, Ce, and Ag (c.c with Au of 0.26,0.23, and 0.21, respectively).

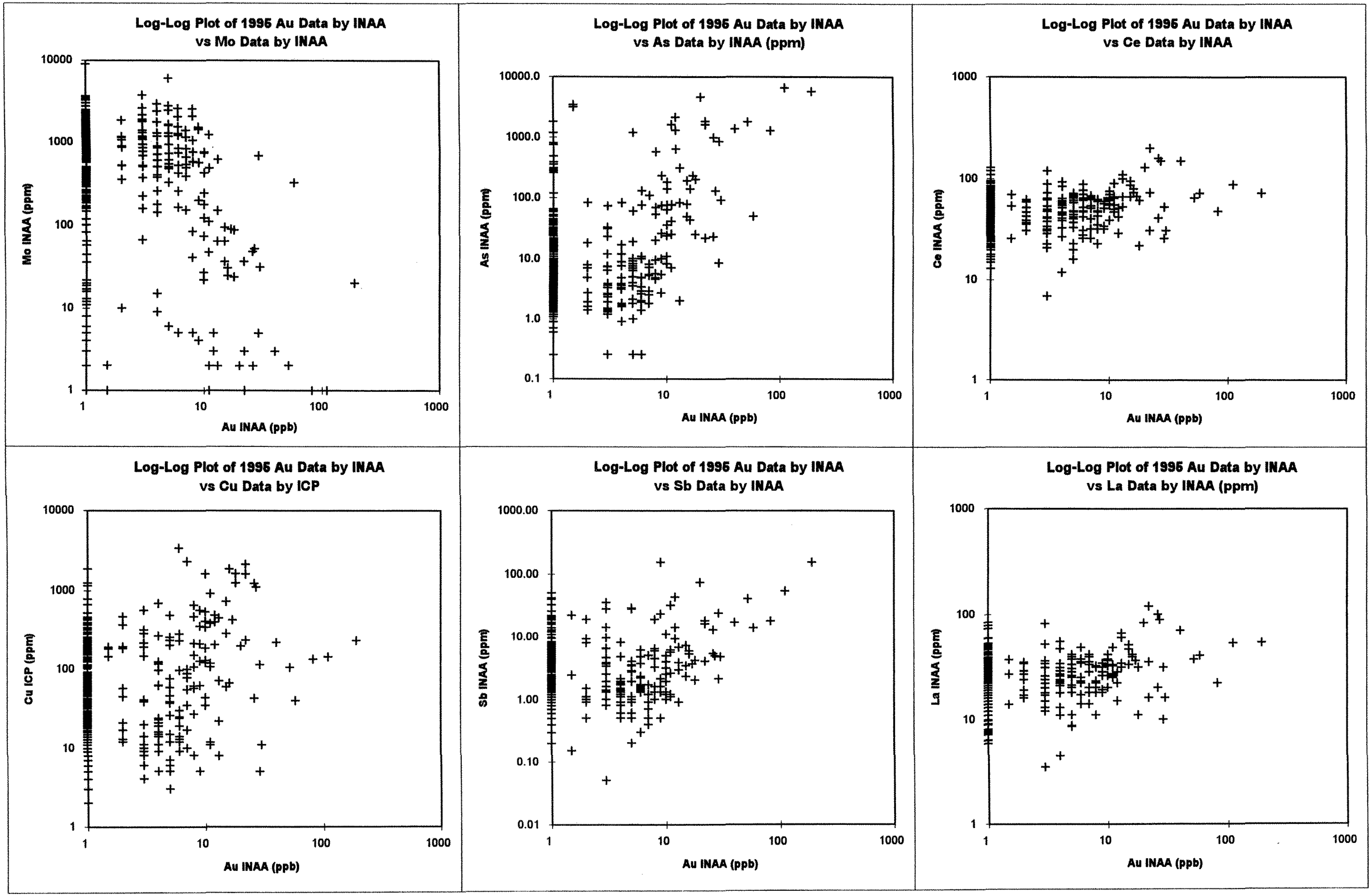


Figure 17. Lithogeochemical Au Variograms

XI CONCLUSIONS AND RECOMMENDATIONS

Despite the limited number of samples tested during the 1995 program, the sections of drill core selected and the sample spacing provide a reasonably good first order characterization of elemental variations within and around the Red Mountain Mo deposit. The data cannot, however, address elemental variations away from the immediate peripheries of the deposit.

Gold mineralization at the deposit is inversely related to Mo grade, and does not appear to have a preferential distribution related to depth as previously anticipated. Gold concentrations within the copper bearing upper sections of the deposit are as equally low as those from its Mo-rich deeper core precluding anticipations of a gold bearing Cu-cap or a supergene enrichment zone to support an open pit extraction scenario. In addition, while minor amounts of gold can be expected to report to the Mo-concentrates during production, sections producing same can be expected to be sporadic.

Gold mineralization does, however, appear to have an affinity for the peripheries of the deposit, particularly in the vicinity of the Quartz-Eye Diorite (QED) dike and surrounding Hornfels wherefrom nearly all of highest grading data have to date been obtained. The highest gold values encountered to date are from holes at the northeast of the deposit near the QED as follows: values upward to 190ppb from hole RMY-80-18, from a section averaging 43.4ppb Au over an apparent width of 115m; anomalous Au values exceeding 10ppb observed in drill holes RMY-79-16, RMY-79-14, RMY-80-17A, and RMY-81-23; values upward to 2ppm from drill hole 1969-F-1.

Elevated concentrations of Au, Cu, As and Sb (e.g. Cu up to 3343ppm in hole RMY-79-16; As up to 6600ppm in hole RMY-80-18; Sb up to 150ppm in hole RMY-80-18) also display an affinity for the Quartz-Eye Diorite. The data suggests either an edge effect within the Quartz Mozonite Porphyry (QMP) causing enrichment in Au and other metals in contact zones with the QED or processes intrinsic to the QED and fluids associated with its emplacement. Hole RMY-80-18, which was sampled along an interval that includes a contact zone with the surrounding hornfelsed sediments, also indicates enrichment of these metals as a result of possible interaction with a richer source rock.

Ag data documented during the 1995 from the core of the deposit (avg 0.5ppm, ddh RMY-81-24) are compatible with findings of metallurgical tests completed in 1980 on samples from the core of the deposit. Mo concentrates produced during the testwork collected also an average grade of 143ppm silver into the concentrates, being the equivalent to a recovered grade of some 0.2ppm-0.25ppm in the feed based on concentration ratios ranging 1:400 to 1:550.

The tests focused on investigation of samples from the deposit proper and no similar tests were conducted on material from the peripheries wherein Ag grades are generally considerably higher (5ppm-20ppm range). It can be reasonably expected, therefore, that Ag will prove to be a major coproduct of Mo production from the lower grading peripheral sections of the deposit, and that it will locally also represent greater value per ton mined than the Mo.

Similarly to the distribution of gold, the majority of the highest grading silver sections are from holes in the northeast and eastern portions of the deposit, possibly also genetically associated with the QED. The data in hand does not afford an evaluation of the significance of the QED within the framework of the Mo deposit but it does underscore that, despite favorable surface geochemical results, the property has been little explored for metals other than Mo in the past in deference to the concerted exploration efforts of 1978-1982 focusing on Mo within the QMP. In the least, the data suggests that lower grading portions of the deposit, to date excluded from reserves based solely on MoS_2 cut-off, merit review in light of intrinsic value of co-product silver. A reassessment of such sections of the deposit on a combined Mo+Ag metal basis is recommended and same will not only add additional material to existing reserves but may also upgrade portions thereof.

In addition to the above, the preferential concentration of gold and silver near, and around, the QED is germane to future development and production considerations since the general area has been designated as the principal entry point into the deposit via an exploration tunnel collared in the Boswell River valley to the northeast.

Preliminary engineering plans envisage the excavation of a 3200m exploration adit to access the deposit at the 1100m level, followed by some 3,000m of cross-cuts and in-level drifting, the collection of a bulk-sample and completion of considerable definition drilling. While no work is recommended at this time to further evaluate gold and silver tenor of the QED and its vicinity, a concerted effort toward same is strongly recommended by way of drilling as an integral component of pre-development activities to optimize exploitation of any potential incidental reserves. Such drilling could be easily incorporated into pre-development drilling directed toward testing of ground conditions prior to commencement of the rockworks.

A.J.Turner, P.Geol
Staff Geologist
Tintina Mines Limited

S.F.Sabag
Vice-President
Tintina Mines Limited

CERTIFICATE OF QUALIFICATION

I, Andrew J.Turner, hereby certify:

1. That I am a geologist, residing at Apt#1002, 21 Lasalles Blvd., Toronto, Ontario;
2. That I am a graduate of the University of Alberta, Edmonton, Alberta, with a B.Sc (1989) in Geology;
3. That I have practiced my profession as a geologist for the past six years;
4. That I have been a member (seal pending) of the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1994;
5. That I am a staff geologist at Tintina Mines Limited;
6. That the information contained herein is based on the evaluation of all data in Company files pertaining to previous work at the property, in addition to my personal knowledge of the property as a result of the 1995 work program.

Respectfully,

A.J.Turner
Staff Geologist
Tintina Mines Limited

November 9, 1995

CERTIFICATE OF QUALIFICATION

I, Shahe F.Sabag, hereby certify:

1. That I am a geologist, residing at 134 Albertus Avenue, Toronto, Ontario;
2. That I am a graduate of the University of Toronto, Toronto, Ontario, with B.Sc and M.Sc (1979) specialist degrees in Geology;
3. That I have practiced my profession as a geologist for the past sixteen years;
4. That I am Vice President and a Director of Tintina Mines Limited;
5. That the information contained herein is based on the evaluation of all data in Company files pertaining to previous work at the property, in addition to information gathered in the course of field work during July, 1995.

Respectfully,

S.F.Sabag
Vice President
Tintina Mines Limited

November 9, 1995

BIBLIOGRAPHY

Brown, P., "Red Mountain Project, Property Evaluation and Diamond Drill Report", Amoco Canada Petroleum Company Limited, 1982.

Brown, P., "Red Mountain Project, Property Evaluation and Diamond Drill Report", Amoco Canada Petroleum Company Limited, 1983.

Geological Survey of Canada, Regional Stream Sediment and Water Geochemical Reconnaissance Data, Southern Yukon, NTS105F. GSC-Open File 1290, 1985.

Geological Survey of Canada, Regional Stream Sediment and Water Geochemical Reconnaissance Data, Southern Yukon, NTS105C. GSC-Open File 1217, 1985.

Korenic, J. A., "Red Mountain Project, Property Evaluation and Diamond Drill Report", Amoco Canada Petroleum Company Limited, 1979.

Korenic, J. A., "Red Mountain Project, Property Evaluation and Diamond Drill Report", Amoco Canada Petroleum Company Limited, 1980.

Korenic, J. A., "Red Mountain Project, Property Evaluation and Diamond Drill Report", Amoco Canada Petroleum Company Limited, 1981.

Lees, E. J., "Geology of the Teslin Quiet Lake Area, Yukon", G.S.C. Memoir 203, 1936.

Mulligan, R., "Geology of the Teslin Map Area, Yukon Territory (105C)", G.S.C. Memoir 326, 1963.

Sabag, S. F., "Red Mountain Molybdenum Deposit, Summary Report", Demin Management Corporation (for Amoco Canada Petroleum Company Limited and Tintina Mines Limited), 1992.

Sevensma, P. H., "Summary of 1969 Exploration, Fox Group", 1970.

Sinclair, W. D., "Potassium-Argon Age Determination", 1980

Tempelman-Kluit, D. J., " Geology Maps - Quiet Lake and Finlayson Map - Areas", G.S.C Open File 486, 1978.

Tempelman-Kluit, D. J., " Geology Map - Laberge Map - Areas", G.S.C. Open File 578, 1978.

Wheeler, J. O., "Geology and Mineral Deposits of the Whitehorse Map - Area, Yukon", G.S.C. Paper 52-30, 1952.

Woodcock, J. R., "Petrology of the Boswell River Molybdenite Property", 1980.

APPENDIX I

Ore Reserves Summary (from Sabag, 1992)

Excerpt from;

RED MOUNTAIN MOLYBDENUM DEPOSIT

Whitehorse Mining District, Yukon Territory, Canada

SUMMARY REPORT 1992

for

Amoco Canada Petroleum Company Ltd.
Tintina Mines Limited

by

S.F.Sabag
Demin Management Corporation
November 1992

AMOCO CANADA PETROLEUM COMPANY LTD.
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Calgary, Alberta, Canada, T2P 2H8

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ORE RESERVES

General Background

A preliminary ore reserve study was completed during 1981, and later revised during 1983 to incorporate additional information from subsequent work carried out in response to recommendations of the 1981 study. Reserves were estimated to be 187,270,000 tonnes grading 0.167% MoS_2, at a cut-off grade of 0.10% MoS_2. This material exclude oxidized material overlying the deposit.

The 1981 study classified the estimated tonnages as "Possible Undiluted Geological Reserves As Indicated By Widely Spaced Surface Diamond Drilling". After drilling four in-fill holes, deepening of a previously drilled hole, and completing metallurgical tests on a composite bulk sample from drill core, the 1981 estimates were revised during 1983 and reserves were upgraded and reclassified into the "Drill Indicated Geological Reserve" category.

Regardless of the excellent reliability of the database and the conservatism of methodology of the 1983 study, the reserves are best regarded to represent Drill Indicated Possible Reserves until such time as the deposit has been exposed underground and a representative bulk sample is tested.

Methodology & Parameters

Reserves were calculated manually, relying on information from surveyed drill holes spaced on an approximately 125mx125m grid. 125m spaced cross sections on a 1:1,250 scale were utilized and grades were contoured at 0.05% MoS_2 intervals on 1:2,500 scale level plans, over a vertical depth of 1200m at 50m increments (1650m-450m Levels). Grade contour level plans are appended (Appendix A).

Undiluted reserve tonnages were calculated for four separate MoS_2 cut-off grades as summarized below and tabulated in greater detail in Tables 5 and 6. The reserves are presented as Upper and Lower tonnages to address certain production criteria by separating material which can be bulk-mined and dropped to a production tunnel at the 1075m Level, from material which can be open-pitted from tonnages below that level. Production considerations are presented in greater detail in a later section of this report.

Cut-Off %MoS2	Reserves Location	Tonnage	%MoS_2 Grade
	Above Tunnel	100,524,000	0.150
0.10%	Below Tunnel	86,746,000	0.187
	Total	187,270,000	0.167
	Above Tunnel	41,782,000	0.192
0.15%	Below Tunnel	56,194,000	0.224
	Total	97,976,000	0.210
	Above Tunnel	11,222,000	0.245
0.20%	Below Tunnel	34,813,000	0.258
	Total	46,035,000	0.255
	Above Tunnel	4,480,000	0.276
0.25%	Below Tunnel	16,816,000	0.297
	Total	21,296,000	0.293

Detailed interpretation of mineralization was not possible since the majority of the geological features controlling the distribution of ore within the deposit have steep dips and have been tested by drilling of steep to vertical holes.

The reserve study assumes that mineralized material is not disrupted by barren dikes intruding it to any greater extent than that suggested by existing drilling, and that any faults, and displacements thereof, will not cause significant ore losses. The effect of frequently noted broken ground and gouges on grade was also not assessed but was noted as an uncertainty to be addressed by future work from underground.

Drill Indicated Reserves Above Various %MoS2 Cut-Off Grades (From 575m to 1625m Elevation Above Sea Level)

Elevation Interval (m)	0.05% Cut-off Tonnes	%MoS2	0.10% Cut—off Tonnes	%MoS2	0.15% Cut-off Tonnes	%MoS2	0.20% Cut-off Tonnes	%MoS2	0.25% Cut-off Tonnes	%MoS2	0.30% Cut-off Tonnes	%MoS2
1625-1575	1,468,125	0.078										
1575-1525	10,892,812	0.078										
1525-1475	18,832,500	0.081	5,619,375	0.120								
1475-1425	20,224,688	0.100	7,661,250	0.137	1,434,375	0.189						
1425-1375	27,278,437	0.097	9,196,875	0.131	2,337,188	0.158						
1375-1325	26,822,813	0.094	8,817,188	0.130	2,345,625	0.170						
1325-1275	25,489,687	0.109	13,474,687	0.141	4,649,062	0.180						
1275-1225	32,298,750	0.106	13,137,188	0.152	8,488,125	0.172	691,875	0.223				
1225-1175	29,818,125	0.120	15,128,437	0.161	9,053,437	0.186	2,944,687	0.224				
1175-1125	30,324,375	0.121	12,673,125	0.172	6,134,063	0.226	3,704,063	0.260	2,134,688	0.284	717,188	0.301
1125-1075	32,602,500	0.118	14,816,250	0.169	7,340,625	0.218	3,881,250	0.251	2,345,625	0.268		
1075-1025			11,702,812	0.164	7,020,000	0.201	3,594,375	0.234	354,375	0.306		
1025-975			10,487,812	0.185	6,437,812	0.221	4,379,062	0.246	3,088,124	0.263	700,312	0.307
975-925			10,825,314	0.189	7,112,814	0.222	4,978,126	0.252	2,910,938	0.281		
925-875			9,652,499	0.202	6,758,437	0.236	4,303,125	0.271	2,092,500	0.315	1,181,250	0.346
875-825			9,129,374	0.206	6,437,812	0.242	4,176,562	0.284	2,657,812	0.324	1,645,312	0.354
825-775			8,513,438	0.182	5,619,375	0.213	3,341,250	0.243	1,063,125	0.283		
775-725			7,796,250	0.195	4,978,125	0.242	3,121,875	0.284	1,442,813	0.352	691,875	0.435
725-675			8,125,314	0.186	5,180,626	0.224	3,037,501	0.262	1,442,813	0.312	717,188	0.350
675-625			5,906,250	0.183	3,611,250	0.220	2,084,062	0.252	987,187	0.286	430,312	0.300
625-575			4,606,875	0.182	3,037,500	0.212	1,797,188	0.237	776,250	0.253		
TOTALS	256,052,812	0.105	187,270,313	0.167	97,976,251	0.210	46,035,001	0.255	21,296,250	0.293	6,083,437	0.346

Reserves Distribution as to hypothetical production tunnel collared in the Boswell River Valley entering deposit at the 1075m level.

Above 1075m	256,052,812	0.105	100,524,375	0.15	41,782,500	0.192	11,221,875	0.245	4,480,313	0.276	717,188	0.301
Below 1075m	0		86,745,938	0.187	56,193,751	0.224	34,813,126	0.258	16,815,937	0.297	5,366,249	0.352

Drill Indicated Reserves Above Various Cut-Off Grades

(From 575m to 1625m Elevation Above Sea Level)

Red Mountain Molybdenum Deposit

Table 5

Drill Indicated Reserves Within Various %MoS2 Grade Ranges (From 575m to 1625m Elevation Above Sea Level)

Elevation Interval (m)	Over 0.30% Tonnes	Over 0.30% %MoS2	0.25%-0.30% Tonnes	0.25%-0.30% %MoS2	0.20%-0.25% Tonnes	0.20%-0.25% %MoS2	0.15%-0.20% Tonnes	0.15%-0.20% %MoS2	0.10%-0.15% Tonnes	0.10%-0.15% %MoS2	0.05%-0.10% Tonnes	0.05%-0.10% %MoS2
1625-1575											1,468,125	0.078
1575-1525											10,892,812	0.078
1525-1475									5,619,375	0.120	13,213,125	0.064
1475-1425							1,434,375	0.189	6,226,875	0.125	12,563,438	0.078
1425-1375							2,337,188	0.158	6,859,687	0.122	18,081,562	0.079
1375-1325							2,345,625	0.170	6,471,563	0.115	18,005,625	0.077
1325-1275							4,649,062	0.180	8,825,625	0.121	12,015,000	0.072
1275-1225					691,875	0.223	7,796,250	0.167	4,649,063	0.117	19,161,562	0.074
1225-1175					2,944,687	0.224	6,108,750	0.167	6,075,000	0.125	14,689,688	0.078
1175-1125	717,188	0.301	1,417,500	0.275	1,569,375	0.227	2,430,000	0.174	6,539,062	0.122	17,651,250	0.085
1125-1075			2,345,625	0.268	1,535,625	0.224	3,459,375	0.181	7,475,625	0.122	17,786,250	0.076
1075-1025			354,375	0.306	3,240,000	0.226	3,425,625	0.166	4,682,812	0.109		
1025-975	700,312	0.307	2,387,812	0.250	1,290,938	0.205	2,058,750	0.168	4,050,000	0.128		
975-925			2,910,938	0.281	2,067,188	0.210	2,134,688	0.152	3,712,500	0.127		
925-875	1,181,250	0.346	911,250	0.275	2,210,625	0.229	2,455,312	0.175	2,894,062	0.124		
875-825	1,645,312	0.354	1,012,500	0.275	1,518,750	0.214	2,261,250	0.164	2,691,562	0.120		
825-775			1,063,125	0.283	2,278,125	0.255	2,278,125	0.168	2,894,063	0.121		
775-725	691,875	0.435	750,938	0.275	1,679,062	0.225	1,856,250	0.172	2,818,125	0.113		
725-675	717,188	0.350	725,625	0.275	1,594,688	0.216	2,143,125	0.171	2,944,688	0.119		
675-625	430,312	0.300	556,875	0.275	1,096,875	0.222	1,527,188	0.175	2,295,000	0.125		
625-575			776,250	0.253	1,020,938	0.225	1,240,312	0.175	1,569,375	0.125		
TOTALS	6,083,437	0.346	15,212,813	0.272	24,738,751	0.222	51,941,250	0.170	89,294,062	0.121	155,528,437	0.076

Reserves Distribution as to hypothetical production tunnel collared in the Boswell River Valley entering deposit at the 1075m level.

	Over 0.30% Tonnes	Over 0.30% %MoS2	0.25%-0.30% Tonnes	0.25%-0.30% %MoS2	0.20%-0.25% Tonnes	0.20%-0.25% %MoS2	0.15%-0.20% Tonnes	0.15%-0.20% %MoS2	0.10%-0.15% Tonnes	0.10%-0.15% %MoS2	0.05%-0.10% Tonnes	0.05%-0.10% %MoS2
Above 1075m	717,188	0.301	3,763,125	0.271	6,741,562	0.225	30,560,625	0.172	58,741,875	0.121	155,528,437	0.076
Below 1075m	5,366,249	0.352	11,449,688	0.272	17,997,189	0.221	21,380,625	0.168	30,552,187	0.121	0	

Drill Indicated Reserves Within Various Grade Ranges

(From 575m to 1625m Elevation Above Sea Level)

Red Mountain Molybdenum Deposit

Table 6

Deposit Description & Possible Extensions

In general terms, the above reserves define the Red Mountain deposit as an elongate, 900mx(150-300m), steeply dipping mineralized section within the western part of the Quartz Monzonite Porphyry and adjacent hornfels. The deposit exhibits a well zoned pattern of Molybdenite mineralization with grades decreasing outward, and upward, from a higher grade core at approximately the 1200m level.

Two steep dextral faults, with vertical displacements of 300m-500m, crossing the deposit have been recognized. Other pre-ore and post-ore displacements are also suggested by numerous breccia zones and gouges, and four members of the many stages of cross-cutting veining have been identified to be molybdenum bearing.

While the deposit is truncated to the south by a northwesterly fault zone, all indications are that is open at depth, to the north and possibly to the east, and that there exists excellent potential for significantly expanding known reserves. In decreasing order of certainty they are as follows:

The depth of the deposit, provisionally taken to be the 500m level (1150m below surface), is based only on the length of the deepest drill hole completed to date. Data gathered to date do not place, nor suggest, any limitations as to ultimate depth of the deposit. All indications are that the higher grades encountered at depth (>0.3% MoS_2) will continue below the 500m level, and that the potential for substantially expanding higher grade reserves is excellent.

To the North, a 50m wide barren dike of Quartz Eye Diorite near the northern contact of the Quartz Monzonite Porphyry has traditionally been regarded as the northern boundary of the deposit, despite results from one drill hole from the north side of the dike suggesting the presence of good grade material to the north of the dike on at least the 1200m level to the north of the dike (ddh 79-16, 0.176% MoS_2 over 61.3m).

In addition, the dike splays at depth and separates into two smaller arms, but the paucity of information therefrom has necessarily discounted the inclusion of mineralized Quartz Monzonite Porphyry enclaves, although potentially substantial, into reserves (see grade contour level plans Appendix A).

The area to the east of the deposit has received little attention beyond the initial preliminary work carried by Boswell River Mines during 1968. In particular, although some shallow drilling and surface work data are available, information from deeper elevations is scarce.

Red Mountain is characterized by two surface geochemical Mo anomalies one of which directly overlies the deposit (western subanomaly, Figure 5, pp11). It has been suggested in an earlier section of this report that the eastern subanomaly, being of similar size and tenor as that to the west, may well represent the surface expression of as yet untested subsurface mineralization.

In addition, considering that the deposit is progressively downdropped eastward by at least two faults with 300m-500m vertical displacements, any possible extensions to the east would be expected to occupy greater depths than those observed to the west, hence well below the reaches of any exploration carried out to date. Surface topography also exhibits a drop in elevation of approximately 800m-1000m eastward from the deposit to the eastern subanomaly, possibly reflecting the cumulative aggregate displacement of the two faults.

The above can support speculation as to the potential of outlining an easterly extension to the deposit at depths of some 600m-1000m below its current position. Implications to considerable expansion in reserves are self-evident.

It is significant to note that while additional material from depth and from the north could contribute good grade material to expand, and improve, current reserves by some 20%-30%, it can be speculated that an easterly extension could potentially double existing reserves. The data collected to date places no limitations as to extensions to the deposit.

APPENDIX II

Metallurgical Summary (from Sabag, 1992)

Excerpt from;

<u>RED MOUNTAIN MOLYBDENUM DEPOSIT</u>

Whitehorse Mining District, Yukon Territory, Canada

<u>SUMMARY REPORT 1992</u>

for

Amoco Canada Petroleum Company Ltd.
Tintina Mines Limited

by

S.F.Sabag
Demin Management Corporation
November 1992

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METALLURGICAL TESTING

General Background and Summary of Results

Metallurgical tests were undertaken during 1980 to assess the amenability of Red Mountain ore and its suitability to the production of a saleable concentrate. More extensive tests were completed during 1981-1982 to address the recommendations of the earlier work and to expand upon observations therefrom. Fresh as well as oxidized ore were tested.

The tests demonstrated that unoxidized Red Mountain ore is of relatively simple mineralogy, and that the Molybdenum is easily liberated in the flotation stages achieving excellent recoveries. The test results suggest a relatively coarse effective grind near 50% -200mesh with 95%+ Mo recoveries in the rougher flotation.

During the Cleaner Flotation tests, copper/lead depression was also investigated with the addition of Nokes reagent. Copper levels in the concentrates were effectively reduced to meet acceptable concentrate specifications, and lead levels were also successfully depressed to near, or below, acceptable specifications.

Locked-cycle tests, representing the nearest laboratory simulation of pilot mill conditions, achieved an average recovery of 94% Mo with a grade of 49.55% Mo (82.6% MoS_2). Silver was also recovered during these tests averaging 143 gm/t in the concentrate.

Despite the success during cleaner flotation tests in depressing copper/lead levels with the use of Nokes reagent, no depressants were used during the locked cycle tests. Accordingly, copper/lead levels of the locked-cycle test concentrates were unacceptably high. Copper/lead removal was addressed by separate leaching testwork which successfully leached out 98% of the two metals.

The metallurgical testwork suggests that a good grade concentrate of acceptable purity can be produced from Red Mountain ore either by flotation and leaching, or by flotation alone with the use of Nokes or other depressants. Details of the testwork is presented below.

1980 Testwork: General Description

Preliminary laboratory test were carried out during 1980 by Mountain States Research & Development Laboratories to develop a suitable flowsheet for the recovery of molybdenite. Two 50lb samples were tested separately, one of which represented surface material and the other fresh rock. Head grades of the two samples are tabulated below, but whether they are representative of typical ore is questionable.

Element	Fresh Ore	Oxidized Ore
Molybdenum (Mo%)	0.09%	0.06%
Oxide Molybdenum	-	0.024%
Copper	0.002%	0.01%
Iron	1.08%	2.28%
Lead	0.004%	0.004%
EQUIV GRADE (MoS_2%)	**0.15%**	**0.10%**

Three series of tests were completed as follows: <u>Series 1:</u> Three tests performed on each sample to determine the effect of grind on recovery; <u>Series 2:</u> Tests to produce a final molybdenite concentrate to assess any difficulties related thereto; <u>Series 3:</u> Tests to determine the effectivity of Nokes reagent in depressing lead content. In addition, the effectivity of the Nokes reagent in depressing pyrite collected with the Phillips molybdenite promoter Orfom CO400 was also assessed.

Despite the overall low molybdenum content of the samples, the above tests demonstrated that the unoxidized material could easily be upgraded into saleable concentrates, but that the elevated lead content of the final concentrates would probably require a chloride leach circuit. Details of the tests are not discussed herein since they were subsequently superseded by more rigorous work during 1981-1982 the results of which are presented below.

1981-1982 Testwork: General Decsription

Following the 1981 field program, representative samples from drill core were combined into three composite samples, and five pallets of material (apprx 1050kg) were submitted to Lakefield Research for testing. Unlike the 1980 work, a larger quantity of more representative material was tested in detail to address recommendations of the 1980 tests and to augment same with additional treatments.

Sample Characteristics:

Element	SampleAA	SampleCC	SampleBB
Molybdenum (Mo%)	0.17%	0.084%	0.042%
Oxide Molybdenum	<0.001%	<0.001%	0.021%
Copper	0.007%	0.006%	0.014%
Iron	1.43%	1.91%	2.54%
Lead	0.015%	0.003%	0.003%
Specific Gravity	2.69	2.71	2.71
ALTERATION	FRESH	FRESH	OXIDE
EQUIV GRADE (MoS_2%)	0.28%	0.14%	0.07%
Bond Work Index	11.81	11.21	11.63

Of the three samples, one sample represented oxidized material (Sample BB), while the remaining two (Samples AA and CC) were of fresh ore. The following tests were performed:

Rougher Flotation tests to investigate the effect of grind on recovery; **Cleaner Flotation** tests to examine the effects of regrinding the rougher concentrate and the use of Nokes Reagent as a sulphide depressant; **Locked Cycle** tests (eight cycle floatation) of the two ore samples (AA and CC) to produce a high grade concentrate without the addition of depressants; **Leaching Tests** to evaluate the response of lead and copper levels in the cleaner concentrates, and to assess the effectivity of leaching to lowering of levels of the two metals in the final concentrate; and, **Work Index** tests to determine the Bond Work Index for the three samples.

Preliminary mineralogical examinations were also made of head samples briquettes from the untreated samples, as well as of the combined cleaner concentrate produced in the locked cycle testwork from the two fresh ore samples.

Molybdenite was the only Mo mineral identified in both samples of fresh ore, and chalcopyrite was the only copper bearing mineral (occurring as liberated grains and fine inclusions in pyrite). Pyrite and marcasite were the most abundant sulphides. No lead minerals were identified and only a trace of sphalerite was noted in one sample.

Only a minor amount of molybdenite was noted in the oxide sample (Sample BB), and x-ray diffraction indicated the possibility that the oxide molybdenum is present as Wulfinite ($PbMoO_4$) and Molybdite (MoO_3). A few particles of chalcopyrite were identified. While no lead minerals were identified, the examination suggested that lead is represented in the form of Pb-Mo oxide (wolfinite).

Fresh Ore Tests: 1981-1982

The Rougher Flotation tests, of 2kg charges, representing 8-minute flotation with a fuel oil collector and MIBC frother, generally achieved better weight as well as Molybdenum recoveries with finer grinds, but at some expense to Mo grade. For example, in Sample AA, for an increase in fineness from 41.8% to 61.6% -200mesh, weight recovery increased from 8.6% to 12.4%, Molybdenum recovery increased 93.5% to 98.0% and Mo grade decreased from 1.68% to 1.37%. While, the application of Orfom 0 300 induced a large increase in weight recovery, same was noted to be primarily the result of increased recovery of other sulphides (mainly pyrite) with relatively little improvement in the recovery of Mo (97.1% to 98.5%). Test results are summarized in Table 1.

Trends observed for sample CC were similar to those for sample AA with the exception that the loss in Mo grade for the finer grinds was minimal to nil. The application of Pennfloat 3 and of Aero 3302 as collectors was also assessed, and both were noted to enhance weight recoveries while contributing little to improvement in Mo grade. Progressive increasing of fineness appeared to have no commensurate beneficial effects on recoveries, suggesting an effective optimum grind near 50.6% -200mesh (but <61.1%).

The Cleaner Flotation tests, performed on twelve 10kg charges, included five tests also investigating the effectivity of the Nokes reagent (LR744) in depressing lead, copper and iron levels in final concentrates. The tests achieved Mo recoveries ranging 81%-89%, grading 43%-56% Mo.

Impurity levels of concentrates produced without Nokes were noted to be above acceptable specifications for a saleable concentrate, but all five tests with Nokes produced concentrates with significantly lowered copper and lead levels to meet these specifications (i.e. <0.15% Cu, <0.05% Pb). Copper levels were successfully depressed in all five tests to well below 0.15%, and lead was lowered to below 0.05% in two of the tests (0.036%, 0.044%) and to near-0.05% in the remaining three (0.057%, 0.063%, 0.071%).

Despite the above success with Nokes, no additional testing was carried out to more thoroughly investigate the use depressants in the flotation circuit, and instead the effectivity of leaching was assessed in a separate series of tests. Cleaner Flotation test results are summarized in Table 2.

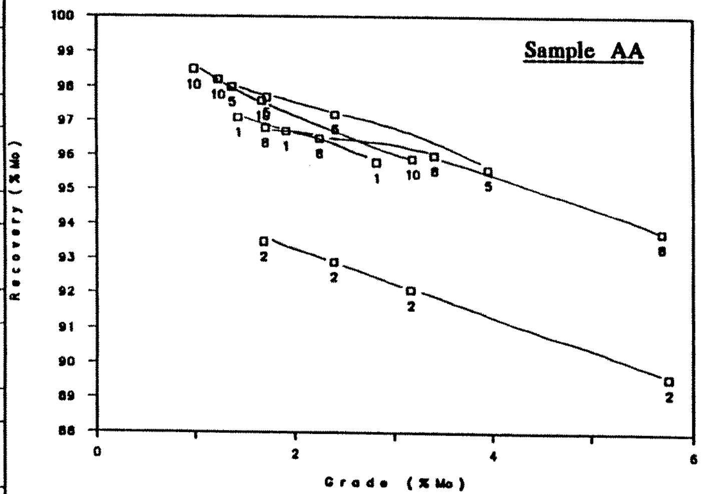
Locked Cycle Tests conducted on the two samples of fresh ore, without the use of depressants, successfully produced good grade concentrates with relatively high recoveries as follows:

Sample AA	**51.1% Mo (85.2% MoS_2) Grade. Projected Recovery of 96.5%**
Sample CC	**48% Mo (80% MoS_2) Grade. Projected Recovery of 91.6%**

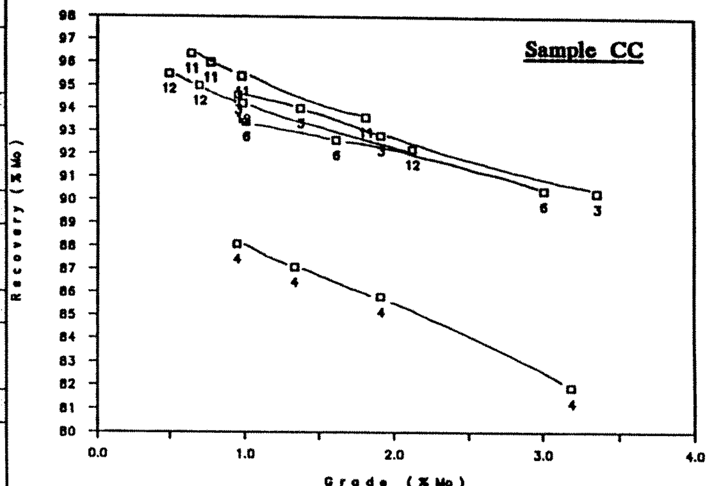
The tests also recovered 218.5 g/t and 68.2 g/t of silver from samples AA and CC, respectively. There appears to have been no assaying for other precious metals.

Considering that no depressants were used, copper and lead levels of the concentrates produced were relatively high. The locked cycle concentrates were combined and utilized as feed during the leaching testwork to address these impurities. Details of the cycle tests and additional metallic profiles are presented in Table 3.

Test no	% -200 mesh	Collector	Na2SiO3 gm/tonne	pH	Product	Weight %	Assay % Mo	% Dist. Mo
2	41.8	Fuel Oil	–	8.0	Rougher Conc	8.6	1.680	93.5
					Rougher Tail	91.4	0.011	6.5
					Head (calc)	100.0	0.154	100.0
1	52.4	Fuel Oil	–	7.8	Rougher Conc	10.6	1.430	97.1
					Rougher Tail	89.4	0.005	2.9
					Head (calc)	100.0	0.156	100.0
5	61.6	Fuel Oil	–	7.9	Rougher Conc	12.4	1.370	98.0
					Rougher Tail	87.6	0.004	2.0
					Head (calc)	100.0	0.174	100.0
8	52.4	Fuel Oil	500	7.9	Rougher Conc	9.7	1.700	96.8
					Rougher Tail	90.3	0.006	3.2
					Head (calc)	100.0	0.170	100.0
10	52.4	Orfom 0 300	–	8.0	Rougher Conc	16.1	0.990	98.5
					Rougher Tail	83.9	0.003	1.5
					Head (calc)	100.0	0.162	100.0



Test no	% -200 mesh	Collector	Na2SiO3 gm/tonne	pH	Product	Weight %	Assay % Mo	% Dist. Mo
4	39.1	Fuel Oil	–	7.3	Rougher Conc	7.3	0.940	88.1
					Rougher Tail	92.7	0.010	11.9
					Head (calc)	100.0	0.078	100.0
3	50.6	Fuel Oil	–	7.8	Rougher Conc	8.4	0.950	94.6
					Rougher Tail	91.6	0.005	5.4
					Head (calc)	100.0	0.084	100.0
6	61.1	Fuel Oil	–	7.7	Rougher Conc	7.8	1.000	93.4
					Rougher Tail	92.2	0.006	6.6
					Head (calc)	100.0	0.083	100.0
11	50.6	PF3	–	7.3	Rougher Conc	11.1	0.640	96.4
					Rougher Tail	88.9	0.003	3.6
					Head (calc)	100.0	0.074	100.0
12	50.6	A3302	–	8.0	Rougher Conc	14.8	0.490	4.5
					Rougher Tail	85.2	0.004	1.5
					Head (calc)	100.0	0.076	100.0



Rougher Flotation Test Results – Fresh Ore

Red Mountain Molybdenum Deposit

Table 1

Sample AA

Test No.	Reagents (gm/tonne)				Fineness % -200mesh		Rougher Flotation Time	Cleaning Stages	Ro. Tail. Mo %	Rougher Concentrate						Cleaner Concentrate					
	Fuel Oil	Nokes (LR744)	Na2SiO2	MIBC	Ro.Tail.	Regrind				Wt %	Assays				Recovery % Mo	Wt %	Assays				Recovery % Mo
											Mo %	Cu %	Fe %	Pb %			Mo %	Cu %	Fe %	Pb %	
13	25	–	–	27.50	48.7	91.6	8 min	3	0.009	3.64	4.17	0.070	1.82	0.18	94.6	0.33	43.5	0.570	2.30	1.610	89.4
14	25	350	–	27.50	48.7	97.1	8 min	3	0.017	3.47	4.47	0.087	3.02	0.22	90.4	0.25	56.5	0.023	0.25	0.063	82.4
18	35	550	–	30.00	48.7	90.2	8 min	3	0.013	3.85	4.16	0.075	1.74	0.17	92.4	0.29	50.4	0.026	0.36	0.071	84.6
19	35	550	100	27.50	48.7	88.6	15 min	3	0.017	3.80	3.20	0.063	1.74	0.12	88.2	0.26	40.8	0.014	1.03	0.057	76.6
20	35	–	–	30.00	48.7	90.2	18 min	4	0.010	5.00	3.10	0.050	1.95	0.13	94.2	0.30	44.6	0.510	2.28	1.560	81.6
26	70	–	–	50.00	50.0	98.7	15 min	4	0.007	7.18	1.97	0.036	2.14	0.084	95.6	0.25	50.9	0.420	0.75	1.690	86.2

Test 26 - Cleaner Concentrate <0.001% U3O8

Sample CC

Test No.	Reagents (gm/tonne)				Fineness % -200mesh		Rougher Flotation Time	Cleaning Stages	Ro. Tail. Mo %	Rougher Concentrate						Cleaner Concentrate					
	Fuel Oil	Nokes (LR744)	Other	Orfom 0 300	Ro.Tail.	Regrind				Wt %	Assays				Recovery % Mo	Wt %	Assays				Recovery % Mo
											Mo %	Cu %	Fe %	Pb %			Mo %	Cu %	Fe %	Pb %	
15	25	–	–	–	44.5	92.0	10 min	3	0.012	3.38	2.96	0.045	2.47	0.033	89.6	0.22	39.3	0.31	3.42	0.32	77.5
16	25	350	–	–	44.5	92.0	10 min	3	0.008	3.35	3.13	0.046	2.48	0.035	93.1	0.22	43.5	0.04	1.37	0.036	84.9
22	–	1000	(1) 500	75	60.0	98.6	15 min	4	0.005	8.15	1.15	0.045	10.39	0.036	95.3	0.15	55.5	0.13	1.62	0.044	84.4
23	–	–	–	77.5	59.2	99.1	15 min	4	0.005	6.81	1.62	0.051	5.67	0.022	95.9	0.20	47.3	0.44	5.75	0.24	82.5
24	65	–	–	–	48.1	99.1	15 min	3	0.003	4.93	1.41	0.037	3.03	0.012	96.1	0.11	54	0.26	0.69	0.18	81.9
25	–	–	(2) 1500	65	60.0	99.7	15 min	5	0.005	7.73	1.34	0.044	5.52	0.016	95.7	0.21	45.4	0.37	4.51	0.34	88.3

Other Reagents: (1)=K4Fe(CN)6; (2)=Na2SiO3

Cleaner Flotation Test Results – Fresh Ore

Red Mountain Molybdenum Deposit

Table 2

Locked-Cycle Test Results – Fresh Ore

Sample AA									
Product	Weight	Assays				% Distribution			
	%	Mo %	Cu %	Fe %	Pb %	Mo	Cu	Fe	Pb
Concentrate	0.32	51.10	0.57	1.44	2.18	96.50	44.30	0.30	51.10
Tailing	99.68	0.01	0.00	1.48	0.01	3.50	55.70	99.70	48.90
Head (Calc)	100.00	0.17	0.00	1.48	0.01	100.00	100.00	100.00	100.00

Additional Assays	
Zinc (Zn)	0.73 %
Bismuth (Bi)	0.11 %
Antimony (Sb)	0.062 %
Silver (Ag)	218.5 g/t

*From combined fifth cleaner conc.

Sample CC									
Product	Weight	Assays				% Distribution			
	%	Mo %	Cu %	Fe %	Pb %	Mo	Cu	Fe	Pb
Concentrate	0.16	48.00	0.27	1.73	0.36	91.60	7.90	0.10	25.90
Tailing	99.84	0.01	0.01	2.04	0.00	8.40	92.10	99.10	74.10
Head (Calc)	100.00	0.08	0.01	2.04	0.00	100.00	100.00	100.00	100.00

Additional Assays	
Zinc (Zn)	0.56 %
Bismuth (Bi)	0.032 %
Antimony (Sb)	0.048 %
Silver (Ag)	68.2 g/t

*From combined fifth cleaner conc.

Leaching Test Results – Fresh Ore

Test No.	%-400	Leach Sol'n		Time	Product	Amount	Assays, mg/L, %			% Distribution		
	mesh	FeCl3	CuCl2	(hrs)		mL, g	Mo	Cu	Pb	Mo	Cu	Pb
L-1	41.1	100	10	2	Preg.+Wash Sol'n	984	12.3	70.5	707	0.05	50.1	99.4
					Residue	46.4	53.1	0.15	0.009	99.95	49.9	0.6
					Head (Calc)	50.0	49.3	0.28	1.40	100.0	100.0	100.0
L-2	41.1	100	10	4	Preg.+Wash Sol'n	850	9.4	135	849	0.03	69.5	99.6
					Residue	45.9	53.8	0.11	0.007	99.97	30.5	0.4
					Head (Calc)	50.0	49.4	0.33	1.45	100.0	100.0	100.0
L-3	41.1	200	20	4	Preg.+Wash Sol'n	530	13.0	521	1378	0.03	92.1	98.7
					Residue	46.4	54.3	0.051	0.02	99.97	7.9	1.3
					Head (Calc)	50.0	50.4	0.6	1.48	100.0	100.0	100.0
L-4	56.2	100	10	4	Preg.+Wash Sol'n	790	14.7	491	1485	0.03	92.4	99.6
					Residue	84.5	53.7	0.038	0.006	99.97	7.6	0.4
					Head (Calc)	100.0	45.4	0.42	1.18	100.0	100.0	100.0

Additional Assays

	Zinc (Zn)	Antimony (Sb)	Bismuth (Bi)	Silver (Ag)	Uranium (U3O8)
L-3	0.19 %	0.018 %	0.009 %	8.5 g/t	<0.001 %
L-4	0.054 %	0.016 %	0.008 %	10.5 g/t	<0.001 %

Locked Cycle and Leaching Test Results – Fresh Ore

Red Mountain Molybdenum Deposit

Table 3

Leaching Tests were conducted on a sample combined from the two final cleaner concentrates of the locked cycle tests. A mineralogical examination was also made.

	Leach Feed	Final Residue L3	Final Residue L4
Mo	50.3%	54.3%	53.7%
Cu	0.42%	0.05%	0.038%
Fe	1.37%	N/A	N/A
Pb	1.49%	0.02%	0.006%
Zn	0.67%	0.19%	0.054%
Bi	0.084%	0.009%	0.008%
Sb	0.057%	0.018%	0.016%
Ag	168g/t	8.5g/t	10.5g/t
U_3O_8	N/A	<0.001%	<0.001%

The tests were conducted on 50gm splits from the concentrate, in a covered beaker with 20% solids in solution of 300g/l $CaCl_2$, 75g/l NaCl and 30g/l HCl containing chlorides, $FeCl_3$ and $CuCl_2$.

Mineralogical examination revealed Molybdenite to be the major Mo mineral, although a few particles resembling a mixture of cpy-molybdenite were also present. The principal sulphide contaminants included galena, chalcopyrite, sphalerite, pyrite and pyrrhotite. A few occurrences of elemental minerals bismuth, copper and possibly silver were also observed. Quartz and feldspar constituted the major contaminants.

The tests successfully leached out over 98% of the lead and, after slight procedural adjustments, copper levels were lowered from 0.51% to 0.11% to 0.051% and, finally, to 0.038%. The molybdenum concentrate was significantly upgraded in all tests, with the exception of its silver content. Leaching test results are presented in Table 3.

While the above tests successfully addressed concerns about Pb and Cu levels in the concentrate, the Lakefield work stresses that their investigation of depressant systems was limited to the use of phosphate Nokes and ferrocyanide, and accordingly recommends that future work include a more detailed investigation of Cu/Pb depression in the flotation circuit with the use of other reagents such as various oxidants, arsenic Nokes, sulphides and cyanides.

<u>Oxide Ore Tests: 1981-1982</u>

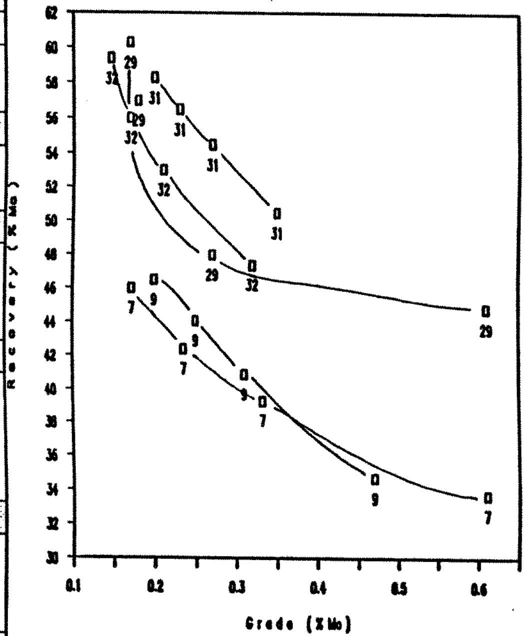
Unlike results from the fresh rock, the oxidized ore did not respond well to flotation. Considering that nearly half of the total molybdenum of the samples was present in the oxide form, therefore not readily flotable, only 46% was recovered despite attempts at variations in test parameters.

Increase in fineness did not have any significant effect on recoveries of Molybdenum from the oxidized material. A large percentage of the oxide Mo was found to be in the 10μm fraction, hence sliming was also necessarily addressed.

Only one cleaner flotation test was conducted on the oxide sample to investigate upgrading of the sulphide molybdenum. Although the rougher concentrate was successfully upgraded from 0.31% to 45.8% Mo in four cleaning stages, recoveries were poor due to the relatively low overall head grade (0.042% sulphide Mo) and insufficient sample size. Test results are presented in Table 4.

Rougher Flotation Test Results

Test no	% -200 mesh	Collector & Reagents	Product	Weight %	Assays: Total Mo %	Assays: Oxide Mo %	% Distribution: Total Mo	% Distribution: Oxide Mo Ind	% Distribution: Oxide Mo Overall
7	50.90	Fuel Oil / MIBC	Rougher Conc	10.6	0.170	–	46.0	–	–
			Rougher Tail	89.4	0.024	–	56.0	–	–
			Head (calc)	100.0	0.040	–	100.0	–	–
9	60.40	Fuel Oil / MIBC	Rougher Conc	9.4	0.200	–	46.5	–	–
			Rougher Tail	90.6	0.024	–	53.5	–	–
			Head (calc)	100.0	0.041	–	100.0	–	–
29	50.9	Pennfloat3 /	Sulphide Mo Conc	3.0	0.610	0.034	44.9	5.1	2.5
		Aeroxanth350	Oxide Mo Conc	12.7	0.050	0.050	15.4	31.5	15.3
		Na-hydrsulf+	Rougher Tail	84.5	0.019	0.015	39.7	63.4	30.9
		S & NaOH	Head (calc)	100.0	0.041	0.020	100.0	100.0	48.7
31	50.9	Pennfloat3 /	Sulphide Mo Conc	6.7	0.350	0.036	50.5	11.8	5.1
		Aeroxanth350	Oxide Mo Conc	6.6	0.055	0.023	7.8	7.4	3.4
		Na-hydrsulf+	Slimes	14.3	0.044	0.044	13.6	30.8	13.4
		S & NaOH	Rougher Tail	72.4	0.018	0.014	28.1	49.7	21.6
			Head (calc)	100.0	0.046	0.020	100.0	100.0	43.5
32	43.9	Pennfloat3 /	Sulphide Mo Conc	6.1	0.320	0.038	47.6	12.2	5.6
		Aeroxanth350	Oxide Mo Conc	10.5	0.046	0.040	11.8	22.3	10.4
		Na-hydrsulf+	Rougher Tail	83.4	0.020	0.015	40.6	65.5	30.3
		S & NaOH	Head (calc)	100.0	0.041	0.019	100.0	100.0	46.3



Cleaner Flotation Test Results

Test No.	% -200 mesh	Product	Weight %	Assays: Mo %	Assays: Cu %	Assays: Fe %	Assays: Pb %	% Dist. Mo
33		Cleaner Concentrate	0.013	45.80	0.72	3.93	1.150	11.9
	99.7	Rougher Concentrate	5.88	0.31	0.068	4.39	0.033	36.2
	44.7	Rougher Tail	94.12	0.03	0.016	2.38	0.005	63.8

Rougher and Cleaner Flotation Test Results – Oxidized Ore

Red Mountain Molybdenum Deposit

Table 4

APPENDIX III

Drill Log and Geochemical Data for DDH F-1 (with Au Analyses)

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN - YUKON	LATITUDE	0+82N	STARTED	Drilled: April 1969
HOLE NO.	F-1	DEPARTURE	LINE 0+61E	FINISHED	Logged: October 1978
BEARING	220°	ELEVATION	5008 feet	LENGTH	941 feet
DIP COLLAR	-45°S	SECTION	-	LOGGED BY	J. Korenic

DIP TEST					
Footage	Corrected	Footage	Corrected	Footage	Corr

FOOTAGE (feet) From	To	DESCRIPTION	% Mineralization
0	21	CASING	
21	58	APLITIC DIKE	
		Creamy colour, fine grained with distinctive 1-2mm quartz eyes disseminated throughout. The unit is siliceous, massive and contains no quartz veins or sulfides.	No Sulfides
58	139.5	QUARTZ MONZONITE PORPHYRY (QUARTZ-EYE PORPHYRY?)	
		Brownish grey colour, contains 10-20% 2-5m (up to 1.0cm) quartz-eyes throughout. This unit appears to resemble the quartz eye porphyry intersected in the upper part of D.D.H. RMY 78-2 except that it contains weak MoS_2 mineralization. The intrusive is weakly sericitic.	2-4% py ≤0.05% MoS_2
		Minor, scattered molybdenite is noted throughout occurring along fractures and within 1-2mm quartz veinlets. MoS_2 is estimated @≤0.05%. A weak quartz vein system, 1-2mm veins, are often orientated @ 40-40° to CA.	
		2-4% pyrite occur as fine grained disseminations and to a lesser degree along fractures and quartz veins.	
		79.1 - 2mm q.v. @ 55° to CA, trace py, MoS_2	
		89.4 - 90.8: fine grained rhyolitic dike. Contains several pyrite stringers and minor quartz eyes. Lower contact sharp @ 10° to CA.	
		100.2 - 105.0: rhyolitic dike	
		Brownish in colour, f/g, contains scattered, ≤5mm feldspar phenocrysts throughout, 1-2% pyrite disseminated and along fractures.	
		Lower contact sharp @ 25° to CA.	
		Slight increase in MoS_2 (0.05%) from 116-129'.	

Boswell River Mines Assay Data

SAMPLE NO.	FOOTAGE From (ft)	To (ft)	Length	ASSAYS oz/t Au	oz/t Ag	%Cu	%Pb	%[illegible]
200	65	70	5	tr.	tr.	0.03	0.02	
201	70	75	5	tr.	tr.	0.02	0.03	
202	75	80	5	tr.	tr.	0.02	0.02	
203	80	85	5	tr.	tr.	0.02	0.01	
204	85	90	5	tr.	tr.	0.02	0.02	
205	90	95	5	tr.	tr.	0.10	0.08	
206	95	100	5	tr.	tr.	tr.	0.04	
207	100	105	5	tr.	tr.	0.01	0.02	
208	105	110	5	tr	tr	0.02	0.02	
209	110	115	5	tr.	tr.	tr.	0.01	
210	115	120	5	tr.	tr.	0.02	0.01	
211	120	125	5	tr.	tr.	0.02	0.01	
212	125	130	5	tr.	tr.	tr.	0.01	
213	130	135	5	tr.	tr.	tr.	0.01	
214	135	140	5	tr	tr	tr	0.01	
215	140	145	5	tr.	tr.	0.02	0.02	
216	145	150	5	tr.	tr.	0.01	0.04	
217	150	155	5	tr.	tr.	0.01	0.03	
218	155	160	5	tr.	tr.	0.01	0.02	
219	160	165	5	tr.	tr.	0.01	0.02	
220	165	170	5	0.01	tr.	0.02	0.02	
221	170	175	5	0.01	tr.	0.02	0.02	
222	175	180	5	tr.	tr.	0.01	0.02	
223	180	185	5	0.02	tr.	0.01	0.02	
224	185	190	5	0.01	tr.	0.02	0.01	
225	190	195	5	0.01	tr.	0.02	0.01	
226	195	200	5	0.01	tr.	0.01	0.02	
227	200	205	5	0.01	tr.	tr.	0.02	
228	205	210	5	0.01	tr.	tr.	0.03	
229	210	215	5	0.01	tr.	0.02	0.04	
230	215	220	5	0.01	tr.	tr.	0.01	
231	220	225	5	0.01	tr.	0.01	0.02	
232	225	230	5	0.01	tr.	0.01	0.02	

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
139.5	194	QUARTZ MONZONITE PORPHYRY - Chloritized	
		Greenish grey in colour, medium grained, siliceous and moderately chloritized.	<0.05% MoS_2 2-4% py
		Texturally the intrusive is similar to above. There is a slight increase in mafic content - up to 5% (chloritized biotite). Unit exhibits weak quartz veining and associated molydenite mineralization (<0.05% overall). Quartz veining normally consists of 1-2mm veins orientated @ 50-60° to CA. 2-4% pyrite is present.	
		NO CORE: 150 - 170.	
		178.0 - Impressive MoS_2 along fracture.	
194	208	QUARTZ MONZONITE PORPHYRY	
		Similar to the unit down to 139.5 except that the intrusive is not as distinctly characterized by the quartz eyes. (<10%) Weak quartz vein set noted throughout. These veins are generally 1-2mm in size. Weak MoS_2 throughout.	<0.05% MoS_2 2-4% py
		202.7: <1mm q.v. @ 15° to CA, MoS_2 bearing. Pre quartz-pyrite vein.	
		203.0: 1.2cm q.v. @ 35° to CA, trace MoS_2.	
208	214.8	QUARTZ MONZONITE PORPHYRY BRECCIA	
		Greenish grey in colour, reveals a well brecciated texture with fragments up to several centimeters in size. As in RMY 78-1 the breccia consists soley of porphyry fragments. Unit is weakly - moderately chloritized. Contain 5-10% pyrite as disseminations and also, notably as clusters within the matrix. Trace MoS_2 noted as stringers and within fracture fillings.	Trace MoS_2 5-10% py.
214.8	319.7	QUARTZ MONZONITE PORPHYRY - Chloritized with Kaolinized Sections	
		The intrusive consists of greenish grey, variably porphyritic and chloritized porphyry with sections of a grey well kaolinized unit. These kaolinized sections appear to be associated with fractures or quartz veins. These sections are altered zones related to the fracturing on the introduction of the quartz veins. Proportion of the two altered units is commonly 50:50.	2 - 5% py <0.05 - 0.10% MoS_2
		Quartz veining as noted in above sections consists of 1-2mm veinlets, often orientated @ 50 - 60° to CA. Molybdenite mineralization is quite variable - 214.8 - 227: 0.05%; 227 - 243: 0.05 - 0.1%; 243-285: <0.05%; and 285-319.7: Tr MoS_2 and 2-4% pyrite throughout.	

SAMPLE NO.	FOOTAGE (feet) From	To	Length	ASSAYS oz/t Au	oz/t Ag	% Cu	% Pb	% MoS_2
233	230	235	5	tr.	tr.	0.02	0.02	.084
234	235	240	5	tr.	tr.	0.02	0.02	.050
235	240	245	5	0.01	tr.	0.02	0.01	.033
236	245	250	5	0.01	tr.	0.02	0.02	.033
237	250	255	5	0.02	tr.	0.01	0.01	.067
238	255	260	5	0.01	tr.	0.01	0.01	.033
239	260	265	5	tr.	tr.	0.01	0.01	.033
240	265	270	5	tr.	tr.	tr.	0.01	.017
241	270	275	5	tr.	tr.	tr.	0.01	.017
242	275	280	5	tr.	tr.	tr.	0.01	tr.
243	280	285	5	tr.	tr.	tr.	tr.	tr.
244	285	290	5	tr.	tr.	tr.	tr.	.050
245	290	295	5	tr.	tr.	tr.	tr.	tr.
246	295	300	5	tr.	tr.	tr.	tr.	.033
247	300	305	5	tr.	tr.	tr.	tr.	tr.
248	305	310	5	tr.	tr.	tr.	0.01	tr.
249	310	315	5	tr.	tr.	tr.	0.02	tr.
250	315	320	5	tr.	tr.	0.02	0.02	tr.
251	320	325	5	tr.	tr.	0.06	0.01	tr.
252	325	330	5	tr.	tr.	0.03	0.01	tr.
253	330	335	5	tr.	tr.	0.01	0.01	tr.
254	335	340	5	tr.	tr.	tr.	0.01	tr.
255	340	345	5	tr.	tr.	tr.	tr.	tr.
256	345	350	5	tr.	tr.	tr.	0.01	tr.
257	350	355	5	tr.	tr.	0.01	0.01	tr.
258	355	360	5	tr.	tr.	0.02	0.02	tr.
259	360	365	5	tr.	tr.	0.01	0.02	tr.
260	365	370	5	tr.	tr.	0.04	0.02	tr.
261	370	375	5	tr.	0.30	0.03	0.03	.033
262	375	380	5	tr.	tr.	0.03	0.01	tr.
263	380	385	5	tr.	tr.	0.03	0.02	tr.
264	385	390	5	tr.	tr.	0.03	0.03	tr.
265	390	395	5	tr.	tr.	0.07	0.02	tr.
266	395	400	5	tr.	tr.	0.04	0.01	tr.
267	400	405	5	tr.	tr.	0.06	0.01	tr.
268	405	410	5	tr.	tr.	0.06	0.01	tr.
269	410	415	5	tr.	tr.	0.02	0.01	tr.
270	415	420	5	tr.	0.25	0.04	0.01	tr.
271	420	425	5	tr.	0.40	0.08	0.03	tr.
272	425	430	5	tr.	tr.	0.03	0.01	tr.
273	430	435	5	tr.	tr.	0.03	0.01	tr.
274	435	440	5	tr.	tr.	0.03	0.02	tr.
275	440	445	5	tr.	tr.	0.06	0.01	.017
276	445	450	5	tr.	tr.	0.03	0.01	tr.
277	450	455	5	tr.	tr.	tr.	0.01	tr.
278	455	460	5	tr.	tr.	0.03	0.02	tr.
279	460	465	5	tr.	tr.	tr.	0.02	tr.
280	465	470	5	tr.	tr.	0.03		.017
281	470	475	5	tr.	tr.	tr.		.084
282	475	480	5	tr.	tr.	tr.		.050
283	480	485	5	tr.	tr.	tr.		tr.
284	485	490	5	tr.	tr.	tr.		.033

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. F - 1

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		236.4: 4.0cm q.v. @ 55^o to CA, trace MoS_2 pyrite 237.4: 4mm q.v. @ 45^o to CA, trace MoS_2 239.1: 8mm q.v. @ 25^o to CA, multiple molybdenite bands 255.0: 6mm q.v. @ 30^o to CA, multiple MoS_2 bands	
		Below 262 there is a distinct drop in q.v. and associated MoS_2. 270.9 - 272.0: Gouge 273.5 - 274.5 Brecciated Section 262 - 279: Numerous pyrite stringers throughout with up to 5mm siliceous selvages.	
		Below 288 the intrusive resembles the quartz-eye porphyry intersected in the upper part of the hole.	
		309.5 - 319.7: Chloritized section. Trace MoS_2	
319.7	338	QUARTZ MONZONITE PORPHYRY DIKE	
		Greenish grey colour, contains ≤1-2mm feldspar phenocrysts, chloritized/sericitized biotite and minor quartz eyes within a rhyolitic matrix. Contains 3-5% fine grained, euhedral pyrite disseminated t/o. No MoS_2	No MoS_2 3-5% py
338	460	QUARTZ-EYE PORPHYRY	
		Creamy beige colour, massive, weakly-moderately sericitic, contains variable 5mm quartz eyes - 5-20%. 3-5% pyrite present throughout. No MoS_2 or q.v.	No MoS_2 3-5% py.
		368.5 - Cpy - py - galena stringers @ 50^o to CA.	
		Below 390 Slightly coarser grained.	
460	551.5	QUARTZ MONZONITE PORPHYRY	
		Similar to the unit above, quartz eyes not as distinctive. Occurrence of 1-3 mm q.v. often orientated @ $10-20^o$ to CA. Many of which are well mineralized with MoS_2. Down to 475' ≤0.05%, 475 - 531 0.05 - 0.10% MoS_2 and from 531 - 551.5 ≤0.05% MoS_2. 2% anhedral pyrite occurs throughout.	≤ 0.05 - 0.10% MoS_2 2% py
		490.4: 1.0 cm q.v. @ 15^o to CA, rimmed with MoS_2	
551.5	595	QUARTZ MONZONITE PORPHYRY - Chloritic	
		Green, siliceous and chloritic. Contains scattered biotite throughout. Weak MoS_2 and q.v. throughout(≤0.05%) 2% pyrite. 572.7: 3mm q.v. @ 40^o to CA, well mineralized MoS_2 593.0: 4mm q.v. @ 10^o to CA, rimmed with MoS_2 593.0-595.0 - 0.05 - 0.1% MoS_2	≤0.05% MoS_2 2% py

SAMPLE NO.	FOOTAGE (ft) From	FOOTAGE (ft) To	Length	ASSAYS oz/t.Au	oz/t.Ag	% Cu	% Pb.
285	490	495	5	tr.	tr.	tr.	
286	495	500	5	tr.	tr.	tr.	
287	500	505	5	tr.	tr.	tr.	
288	505	510	5	tr.	tr.	tr.	
289	510	515	5	tr.	tr.	tr.	
290	515	520	5	tr.	tr.	tr.	
291	520	525	5	tr.	tr.	tr.	
292	525	530	5	tr.	tr.	tr.	
293	530	535	5	tr.	tr.	tr.	
294	535	540	5	tr.	tr.	tr.	
295	540	545	5	tr.	tr.	tr.	
296	545	550	5	tr.	tr.	tr.	
297	550	555	5	tr.	tr.	tr.	
298	555	560	5	tr.	tr.	tr.	
299	560	565	5	tr.	tr.	0.02	
101	565	570	5	tr.	tr.	tr.	
102	570	575	5	tr.	tr.	tr.	
103	575	580	5	tr.	tr.	tr.	
104	580	585	5	tr.	tr.	0.01	
105	585	590	5	tr.	tr.	tr.	
106	590	595	5	tr.	tr.	tr.	
107	595	600	5	tr.	tr.	tr.	
108	600	605	5	tr.	tr.	tr.	
109	605	610	5	tr.	tr.	tr.	
110	610	615	5	tr.	tr.	tr.	
111	615	620	5	tr.	tr.	tr.	
112	620	625	5	tr.	tr.	tr.	
113	625	630	5	tr.	tr.	tr.	
114	630	635	5	tr.	tr.	tr.	
115	635	640	5	tr.	tr.	tr.	
116	640	645	5	tr.	tr.	tr.	
117	645	650	5	tr.	tr.	tr.	
118	650	655	5	tr.	tr.	tr.	
119	655	660	5	tr.	tr.	tr.	
120	660	665	5	tr.	tr.	tr.	
121	665	670	5	tr.	1.71	0.06	
122	670	675	5	tr.	tr.	0.02	
123	675	680	5	tr.	tr.	0.01	
124	680	685	5	tr.	tr.	0.03	
125	685	690	5	tr.	0.59	0.03	
126	690	694	5	tr.	tr.	0.01	
127	695	700	5	tr.	tr.	0.01	
128	700	705	5	tr.	tr.	0.01	
129	705	710	5	tr.	tr.	0.01	
130	710	715	5	tr.	tr.	0.03	
131	715	720	5	tr.	tr.	0.03	
132	720	725	5	tr.	tr.	0.04	
133	725	730	5	tr.	tr.	0.04	
134	730	735	5	tr.	tr.	0.04	
135	735	740	5	tr.	tr.	0.02	
136	740	745	5	tr.	tr.	0.01	
137	745	750	5	tr.	tr.	0.02	

PROPERTY RED MOUNTAIN - YUKON HOLE NO. F - 1

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
595	764	QUARTZ MONZONITE PORPHYRY - Variably Altered	
		This section consists of two variably altered units. One type, as above, consists of a greenish grey, siliceous and chloritized section whereas the second type is creamy grey in colour, and is moderately kaolinized. Weak-moderate quartz vein system noted throughout, often orientated @ 35-65° to CA. Weakly mineralized <0.05% MoS_2 with the following exceptions:	
		642-662 (0.05-0.10%) and 756-762 (0.05-0.10%)	
		620.3: 8mm q.v. @ 35° to CA, MoS_2	
		661.2: 1.7cm q.v. @ 30° to CA, trace MoS_2	
		660.2: 1mm MoS_2 bearing q.v. @ 25° to CA cut by a later barren q.v. which is post MoS_2 and alteration.	
		693-737.5: Chloritic and siliceous section 5% pyrite. MoS_2 is quite weak throughout this section (≤0.05%) occurring within 1mm q.v.	
		737.5 - 762.0: Creamy grey, kaolinized section containing minor scattered green, chloritic zones.	
		758.1: Impressive MoS_2 along fracture parallel to CA	
764	787	NO CORE PRESENT	
787	941	QUARTZ MONZONITE PORPHYRY - Chloritic, Siliceous	
		Similar to the above section. The unit principally consists of a greenish grey chloritic and siliceous porphyry with lesser sections of the creamy grey kaolinized zones. The chloritic sections contain up to 10% biotite. An increase in MoS_2 is apparent within this section averaging for 0.05 - 0.10% MoS_2. (880 - 994: ~0.10%) 2-3% pyrite present throughout.	0.05 - 0.10% MoS_2 2-3% py
		817.0: 7mm q.v. @ 20° to CA, rimmed with MoS_2	
		842.5 - 871.0: Creamy grey, kaolinized section.	
		867 - 872 - Gouge Zone.	
		876 - 880: Ground Core	
		The MoS_2 mineralization above occurs principally within fractures and 1-3mm quartz veins. A weak quartz stockwork is present.	
		Below 920.5 <0.05% MoS_2 is present.	
		936.6: Impressive MoS_2 along fracture @ 30° to CA	
	941	END OF HOLE.	

SAMPLE NO.	FOOTAGE (feet) From	To	Length	ASSAYS oz/t.Au	oz/t.Ag	% Cu.	% Pb.	M[illegible]
138	750	755	5	tr.	tr.	0.01		.0
139	755	760	5	tr.	tr.	0.03		.0
140	760	765	5	tr.	tr.	tr.		t
141	765	775	10	tr.	tr.	0.01	tr.	.0
142	775	785	10	tr.	tr.	0.01	tr.	.0
143	785	795	10	tr.	tr.	0.01	tr.	.0
144	795	805	10	tr.	tr.	0.01	tr.	.1
145	805	815	10	tr.	tr.	0.02	tr.	.0
146	815	825	10	tr.	tr.	0.02	tr.	.0
147	825	835	10	tr.	tr.	0.02	tr.	.0
148	835	845	10	tr.	tr.	0.02	tr.	.0
149	845	855	10	tr.	tr.	0.02	tr.	.0
150	855	865	10	tr.	tr.	0.02	tr.	.0
151	865	875	10	tr.	tr.	0.01	tr.	.1
152	875	885	10	tr.	tr.	0.01	tr.	.1
153	885	895	10	tr.	tr.	0.01	tr.	.1
154	895	905	10	tr.	tr.	0.01	0.01	.1
155	905	915	10	tr.	tr.	0.02	0.02	.0
156	915	925	10	tr.	tr.	0.02	tr.	.0
157	925	935	10	tr.	tr.	0.01	tr.	.0
158	935	941	6	tr.	tr.	tr.	0.01	.0
Amoco Data Sheet		Boswell River Mines			(1969) Date:	Samples quartered. October/78		
BS7971	99	109	10.0					.01
BS7972	109	119	10.0					.01
BS7973	119	129	10.0					.01
BS7974	129	139	10.0					.0
BS7975	139	150	11.0					.01
BS7976	170	180	10.0					.00
BS7977	180	190	10.0					.0
BS7978	190	200	10.0					.01
BS7979	450	460	10.0					.00
BS7980	460	470	10.0					.01
BS7981	470	480	10.0					.0
BS7982	480	490	10.0					.0
BS7983	490	500	10.0					.01
BS7984	500	510	10.0		.01	0.01		.05
BS7985	510	520	10.0		T	0.01		.03
BS7986	520	530	10.0		.01	0.01		.04
BS7987	530	540	10.0		T	0.01		.02
BS7988	540	550	10.0		T	0.01		.03
BS7989	800	810	10.0		T	0.01		.05
BS7990	810	820	10.0		.01	0.01		.02
BS7991	820	830	10.0		T	0.01		.04
BS7992	830	840	10.0		.01	0.01		.01
BS7993	840	850	10.0		T	0.01		.05
BS7994	845	855	10.0		T	0.01		.05
BS7995	855	865	10.0		T	0.01		.05

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PROPERTY RED MOUNTAIN - YUKON HOLE NO. F-1 Page 5

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (feet) From	FOOTAGE (feet) To	FOOTAGE (feet) Length	ASSAYS oz/t Au	ASSAYS oz/t Ag	ASSAYS % Cu	ASSAYS % Pb	ASSAYS MoS_2
				B57996	865	875	10.0		Tr.	.01		.040
				B57997	875	885	10.0		Tr.	.01		.048
				B57998	885	895	10.0		Tr.	.01		.047
				B57999	895	905	10.0		Tr.	.01		.027
				B58000	905	915	10.0		Tr.	.01		.025
				B58001	915	925	10.0		Tr.	.01		.030
				B58002	925	935	10.0		Tr.	.01		.018
				B58003	935	941	6.0					

END OF HOLE 941 feet.

APPENDIX IV

Statement of Expenditures

APPENDIX IV

SUMMARY OF WORK AND EXPENDITURES:

A 3-man field crew mobilized to Whitehorse on July 10, 1995, and to the property on July 11. Sampling was conducted during the period July 11-15, accessing the property on a daily basis by chartered helicopter from Whitehorse. Demobilization from Whitehorse was completed on July 16, 1995. List of personnel is as follows:

Andrew Turner, P.Geol. Project Leader Staff Geologist, Tintina Mines
Craig Charters Prospector and Field Assistant
Michael Turner Field Assistant

Of the total of fifteen field mandays directed toward the project, one manday (plus 3 helicopter hours) was spent toward the collection of 6 stream silt sediments, 4 stream heavy mineral concentrates (by panning), and 4 rock (outcrop) samples. Analytical work was completed during September, and report-writing during October, 1995.

An estimated $50,000 were spent toward the work program from its pre-engineering stages in June/95 to report writing (Nov/95). Of this amount, $26,265.82 is filed toward assessment work requirements, representing expenditures incurred in the Yukon and those incurred solely in connection with the sampling of the drill core.

A total of 417 core intervals were sampled, from 9 of the 32 available drill holes. Seven of the holes were sampled by taking a representative 2kg-3kg split from archives of coarse rejects of crushed core, while the remaining two holes were sampled directly from the split core as no crushed material could be located. The split core is stored at the main camp site above Silco Creek, whereas the crushed core is stored on a pad above Red Mountain Creek. A summary of sampling by claim is tabulated below.

Claim Name	Grant Number	Drill Hole Sampled	Number of Samples	Percent of Total
BUG-1	Y98583	RMY81-24 RMY82-27 RMY81-23 RMY82-30	116 85 58 12 Total=271	64.99%
BUG-3	Y98585	RMY80-17A	20	4.80%
BUG-5	Y98587	RMY80-18 RMY79-14 RMY79-16	12 9 10 Total=31	7.43%
BUG-10	Y99305	RMY82-29	95	22.78%

Summary of expenditures for the project, showing portion which qualifies toward assessment work filing is tabulated in the page following. Work distribution summary, by claim, is also shown. Expenditures have been prorated based on number of samples collected per claim. Relevant invoices are attached.

Attachment #1

Summary of Expenditures as at Nov1/95			**Red Mountain Project 1995**
	Total	**Portion Filed For**	Particulars
	Expenditure	**Assessment Work**	
Analytical	9,799.50	**9,799.50**	Activaltion Laboratories
Supplies	1,639.55	-	
Airfares	6,429.66	-	
Rm & Brd	2,051.93	**1,008.23**	Airport Inn, Whitehorse
Truck Rental	504.16	**500.00**	Norcan Leasing
Helicopter	11,910.20	**9,660.20**	Trans North Helicopters, 3-hrs spent stream sampling NOT filed
Freight	1,859.28	**1,247.89**	Canadian Freightways, Samples Shipping to Lab
Printing	1,133.28	-	
Reporting	5,000.00	-	(estimate of invoices pending) Drafting, Interpretation and Report-writing
Salaries & Fees	10,379.70	**4,050.00**	3-man crew, 6-days filed. Mandays outside Yukon NOT filed
Totals	**50,707.26**	**26,265.82**	

Attachment #2

Work Distribution Summary					Red Mountain Project 1995
Claim	Claim	Drill Holes Sampled	Total Samples	Equivalent Percentage	Prorated
Name	Number		Collected	of 1995 Work	1995 Expenditures
BUG-1	Y98583	RMY81-24, RMY82-27, RMY81-23, RMY82-30	271	64.99%	17,069.63
BUG-3	Y98585	RMY80-17A	20	4.80%	1,259.75
BUG-5	Y98587	RMY80-18, RMY79-14, RMY79-16	31	7.43%	1,952.61
BUG-10	Y99305	RMY82-29	95	22.78%	5,983.82
	TOTALS	9 drill holes	417	100.00%	26,265.82
Note 1: Expenditures filed toward assessment work credits are prorated based on total samples collected per claim					
Note 2: Only expenditures pertaining to physical work incurred in the Yukon have been filed toward assessment work credits					

Summary of Groupings and Renewals Requested					Red Mountain Project 1995		
Group Ref.	Total Number of Claims	Total Renewals Requested For Group (yr)	Total Required For Renewals ($)		Expenditures Drawn From Work Completed On Claim		
				BUG-1	BUG-3	BUG-5	BUG-10
A	16	16	$ 1,600				$ 1,600
B	16	16	$ 1,600				$ 1,600
C	16	16	$ 1,600				$ 1,600
D	14	11	$ 1,100				$ 1,100
E	16	16	$ 1,600	$ 1,600			
F	16	16	$ 1,600	$ 1,600			
G	16	16	$ 1,600	$ 1,600			
H	16	15	$ 1,500	$ 1,500			
I	16	15	$ 1,500	$ 1,500			
J	16	15	$ 1,500	$ 1,500			
K	16	15	$ 1,500	$ 1,500			
L	16	15	$ 1,500	$ 1,500			
M	16	22	$ 2,200	$ 2,200			
N	15	19	$ 1,900	$ 1,900			
O	12	12	$ 1,200		$ 1,200		
P	16	16	$ 1,600			$ 1,600	
Q	4	3	$ 300			$ 300	
R	6	6	$ 600	$ 600			
		Totals	**$ 26,000**	**$ 17,000**	**$ 1,200**	**$ 1,900**	**$ 5,900**
Total Expenditures Filed Toward Renewals				**$ 17,000**	**$ 1,200**	**$ 1,900**	**$ 5,900**
Total Expenditures Available For Filing Toward Renewals				$ 17,070	$ 1,260	$ 1,953	$ 5,984
Note: Please see Work Distribution Summary for allocations							

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 8639
Work Order: 8636
Invoice Date: 31-AUG-95
Date Submitted: 01-AUG-95
Your Reference: RED0725
Account Number: 1257
GST # R121979355

TINTINA MINES LIMITED
SUITE 218 - 920 YOUNGE ST
TORONTO, ONTARIO
M4W 3C7
CANADA
ATTENTION: SHAHE F. SABAG

No. samples	Description	Unit Price	Total
417	MILLING	$ 3.50	$ 1459.50
417	1H PACKAGE	$ 20.00	$ 8340.00

Subtotal : $ 9799.50

GST (7.0%) : $ 685.97

AMOUNT DUE : $ 10485.47

Net 30 days 1 1/2 % per month charged on overdue accounts.

1336 SANDHILL DRIVE, ANCASTER, ONTARIO, CANADA L9G 4V5 • TEL: 905-648-9611 • FAX: 905-648-9613

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: TINTMIN
INVOICE NUMBER: 07833
INVOICE DATE: 18 07 95
AREA: B.C. / YUKON / NWT / ALTA

CHARTERER: Tintina Mines Ltd
BILLING ADDRESS: Ste 218, 920 Yonge St.
Toronto ON M4W 3C7

A/C TYPE: 206B
AIRCRAFT REGISTRATION C: 6 T N Z
FLIGHT DATE: DAY 11 MONTH 07 YEAR 95
PURCHASE ORDER NO.:

FUEL & OIL-X: TNTA ✓ CUST. | TNTA FUEL USED | HRS./LITRES | FROM

FROM / TO	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
FROM WHITEHORSE TO RED MTN MINE SITE	4-0	

SUB	G.L.	AMOUNT
1006	502	2800 -
1006	511	273 60
0000	323	215 16

4-0 @ 700 00		2800 -
@		
HOLDING TIME: @ / HR.		
FUEL 456 l @ .60 / LITRE		273 60
FUEL @ / LITRE		
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		3073 60
GOODS & SERVICES TAX REGISTRATION NO. R121483135		215 16
TOTAL	$	3288 76

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature]
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: SxS
[signature] PILOTS SIGNATURE
ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: TINTMIN
INVOICE NUMBER: 07837
INVOICE DATE: 18 07 95
AREA: B.C. / YUKON / NWT / ALTA

CHARTERER: Tintina Mines Ltd
BILLING ADDRESS: Ste 218, 920 Yonge St
Toronto, ON M4W 3C7

A/C TYPE: 206B
AIRCRAFT REGISTRATION C: 6 T H Z
FLIGHT DATE: DAY 14 MONTH 07 YEAR 95
PURCHASE ORDER NO.:

FUEL & OIL-X: TNTA CUST. | TNTA FUEL USED | HRS./LITRES | FROM

FROM / TO	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
FROM WHITE HORSE TO RED MTN MINE SITE	2.7	

SUB	G.L.	AMOUNT
1006	502	1890 00
1006	511	184 80
0000	323	184 80

2.7 @ 700 00		1890 00
@		
HOLDING TIME: @ / HR.		
FUEL @ / LITRE		
FUEL 308 l @ .60 / LITRE		184 80
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		2074 80
GOODS & SERVICES TAX REGISTRATION NO. R121483135		145 24
TOTAL	$	2220 04

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature]
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: SxS
[signature] PILOTS SIGNATURE
ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: TINTMIN
INVOICE NUMBER: 08654
INVOICE DATE: 17 07 95
AREA: BC / YUKON / NWT / ALTA

CHARTERER: TINTINA MINES LTD
BILLING ADDRESS: ON FILE Ste 218 920 Yonge St. Toronto, ON M4W 3C7

A/C TYPE: B206
AIRCRAFT REGISTRATION C: FPZE
FLIGHT DATE: DAY 13 MONTH 07 YEAR 95
PURCHASE ORDER NO.

FUEL & OIL-X: TNTA ✓ CUST.
TNTA FUEL USED: HRS/LITRES 1.0 FROM 4X4

FROM / TO	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
FROM YXY	1.0	
TO RED MNT		
YXY		
	1.0	

SUB	G.L.	AMOUNT
1012	502	700 -
1012	511	68 40
0000	323	53 79

@		
1.0 @ 700.00	700	00
HOLDING TIME: @ / HR.		
FUEL @ / LITRE		
FUEL 114 l @ .60 / LITRE	68	40
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL	768	40
GOODS & SERVICES TAX REGISTRATION NO. R121483135	53	79
TOTAL $	822	19

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature] CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS KAB [signature] PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: TINTMIN
INVOICE NUMBER: 07836
INVOICE DATE: 18 07 95
AREA: BC / YUKON / NWT / ALTA

CHARTERER: Tintina Mines Ltd
BILLING ADDRESS: Ste 218, 920 Yonge St. Toronto ON M4W 3C7

A/C TYPE: 206B
AIRCRAFT REGISTRATION C: GFNZ
FLIGHT DATE: DAY 13 MONTH 07 YEAR 95
PURCHASE ORDER NO.

FUEL & OIL-X: TNTA ✓ CUST.
TNTA FUEL USED: HRS/LITRES FROM

FROM / TO	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
FROM WHITEHORSE.		
TO RED MTN MINE SITE.	2-0	

SUB	G.L.	AMOUNT
1006	502	1400 -
1006	511	136 80
0000	323	107 58

2-0 @ 700.00	1400	-
@		
HOLDING TIME: @ / HR.		
FUEL @ / LITRE		
FUEL 228 l @ .60 / LITRE	136	80
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL	1536	80
GOODS & SERVICES TAX REGISTRATION NO. R121483135	107	58
TOTAL $	1644	38

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature] CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS SXS [signature] PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

In account with Tintina Mines Limited

M. Turner
Fort McMurray, Alberta

Invoice for period July 5 to July 31, 1995

July 5 - 16	12 days
July 21 - 31	11 days

total 23 days at $200.00 = $4,600.00

Project distribution as follows:

NW064	$400.00	
NW032	$400.00	1600
NW036	$400.00	
NW037	$400.00	
MCIV040	$800.00	1600
MCIV041	$800.00	
RED MOUNTAIN	$1,400.00	

Thank you very much.

Yours truly,

Mike Turner

M. Turner

AIRPORT CHALET MILE 916 ALASKA HIGHWAY, WHITEHORSE, YUKON (403) 668-2166 FAX (403) 668-2173

CHECK IN 1725 NAME X: CHARTERS
CHECK OUT
NO. PSNS 1 RATE 58.00 ROOM NO. 25
ADDRESS Box 5591 FORT McMURRAY
PROVINCE AB POSTAL CODE T9H 3G5 CAR MAKE & YEAR ______ LICENSE NO. ______
REPRESENTING TINTINA LTD SIGNATURE [signature]

Date	Room	Food	GST	Long Distance	Other Charges	~~Daily~~ Total	Amount Paid	Cumm. Total
July 10/95	58.00		4.06					
		11.95	.84		Tip 1.19	13.98		62.06
11		1.08	.08					76.04
11	58.00		4.06			1.16		77.20
12	58.00		4.06					139.26
13	58.00		4.06					201.32
14	58.00		4.06					263.38
15	58.00		4.06					325.44

PAID BY: CASH ☐ CHECK ☐ CREDIT CARD ☐ TYPE See XX 24 387.50

ANTICIPATED NO. DAYS STAY 5 387.50

GST #R100912443 BALANCE DUE OK

CHECKOUT TIME 11:30 AM

NOTICE TO GUESTS
This property is privately owned and the management reserves the right to refuse service to any one and will not be responsible for accidents or injury to guests.

№ 38525

CHARTERS TINTINA

AIRPORT CHALET MILE 916 ALASKA HIGHWAY, WHITEHORSE, YUKON (403) 668-2166 FAX (403) 668-2173

CHECK IN | NAME | NO. PSNS | RATE | ROOM NO.

CHECK OUT

ADDRESS

PROVINCE ______ POSTAL CODE ______ CAR MAKE & YEAR ______ LICENSE NO. ______

REPRESENTING ______ SIGNATURE ______

B/F 248.93

Date	Room	Food	GST	Long Distance	Other Charges	~~Daily~~ Total	Amount Paid	Cumm. Total
Jul 11			.77	5.52+5.52		11.81		260.74
11			.92	13.21		14.13		274.87
12		2.98	.21					278.06
		13.20	.92					292.18
12	68.00		4.76					364.94
12			.77	5.52+5.52		11.81		376.75
13		18.76	1.31					396.82
13	68.00		4.76					469.58

PAID BY: CASH ☐ CHECK ☐ CREDIT CARD ☐ TYPE ______

ANTICIPATED NO. DAYS STAY GST #R100912443 BALANCE DUE

CHECKOUT TIME 11:30 AM

NOTICE TO GUESTS
This property is privately owned and the management reserves the right to refuse service to any one and will not be responsible for accidents or injury to guests.

№ 38546

24 TURNER X 2 TINTINA

IN MON 10th

Michael Turner ←

AIRPORT CHALET MILE 916 ALASKA HIGHWAY, WHITEHORSE, YUKON (403) 668-2166 FAX (403) 668-2173

CHECK IN 1735 | NAME Andrew Turner | NO. PSNS 1 / 2 | RATE 58.00 / 68.00 | ROOM NO. 24

CHECK OUT

ADDRESS #1002 - 21 LASCELLES BLVD. TORONTO

PROVINCE ON POSTAL CODE M4V-2B CAR MAKE & YEAR ______ LICENSE NO. ______

REPRESENTING TINTINA MINES LIMITED SIGNATURE [signature]

Date	Room	Food	GST	Long Distance	Other Charges	~~Daily~~ Total	Amount Paid	Cumm. Total
July 09/95	58.00		4.06					62.06
		12.20	.85			13.05		75.11
		6.40	.45					81.96
10	68.00		4.76					154.72
10			.39	5.52		5.91		160.63
		6.50	.46			6.96		167.59
			.56	8.02		8.58		176.17
11	68.00		4.76					248.93

PAID BY: CASH ☐ CHECK ☐ CREDIT CARD ☐ TYPE VISA (+ $25 AS OF 12 JUL)

ANTICIPATED NO. DAYS STAY 6 GST #R100912443 BALANCE DUE

CHECKOUT TIME 11:30 AM

NOTICE TO GUESTS
This property is privately owned and the management reserves the right to refuse service to any one and will not be responsible for accidents or injury to guests.

№ 38506

24 TURNER X 2 TINTINA

AIRPORT CHALET MILE 916 ALASKA HIGHWAY, WHITEHORSE, YUKON (403) 668-2166 FAX (403) 668-2173

CHECK IN / CHECK OUT	NAME	NO. PSNS	RATE	ROOM NO.
	TURNER			

ADDRESS

PROVINCE ____ POSTAL CODE ____ CAR MAKE & YEAR ____ LICENSE NO. ____

REPRESENTING ____ SIGNATURE ____

BF 684.21

Date	Room	Food	GST	Long Distance	Other Charges	Daily Total	Amount Paid	Cumm. Total
16 July		6.63	.46					691 31
							691 31	~~691~~

PAID BY: CASH ☐ CHECK ☐ CREDIT CARD ☐ TYPE ____

ANTICIPATED NO. DAYS STAY GST #R100912443 BALANCE DUE

CHECKOUT TIME 11:30 AM

NOTICE TO GUESTS
This property is privately owned and the management reserves the right to refuse service to any one and will not be responsible for accidents or injury to guests.

№ 38580

TURNER TINTINA

AIRPORT CHALET MILE 916 ALASKA HIGHWAY, WHITEHORSE, YUKON (403) 668-2166 FAX (403) 668-2173

CHECK IN / CHECK OUT	NAME	NO. PSNS	RATE	ROOM NO.
	TURNER			23

ADDRESS

PROVINCE ____ POSTAL CODE ____ CAR MAKE & YEAR ____ LICENSE NO. ____

REPRESENTING ____ SIGNATURE ____

B/F 469.58

Date	Room	Food	GST	Long Distance	Other Charges	Daily Total	Amount Paid	Cumm. Total
14 July		12.80	.90					483.28
14		4.73	.33					488.34
14	68 00		4 76					561 10
14			1.21	17.30				579.61
15 July		13.90	.97					594.48
		8.38	.59					603.45
15	68 00		4 76					676 21
16		7 48	.52					684 21

PAID BY: CASH ☐ CHECK ☐ CREDIT CARD ☐ TYPE Visa

ANTICIPATED NO. DAYS STAY 6 c/o Sunday GST #R100912443 BALANCE DUE

CHECKOUT TIME 11:30 AM

NOTICE TO GUESTS
This property is privately owned and the management reserves the right to refuse service to any one and will not be responsible for accidents or injury to guests.

№ 38564

TINTINA MINES LIMITED
SUITE 218 - 920 YONGE STREET
TORONTO, ONTARIO M4W 3C7
(416) 929-2944 FAX: (416) 929-2945

Canadian Freightways
7099 Torbram
Malton, ON

July 19, 1995

Attention: Mr. Mark Cobain

VIA FAX: (905) 672-9352
Tel: (905) 672-5454

Dear Mark,

Re: Shipment of approximately ~~4,000~~ 3,500 lbs of rock samples

As per our telephone conversation of todays date, this letter will confirm the possibility of billing Tintina Mines Limited by a third party billing process for the shipment of rock samples from Whitehorse to Activation Laboratories in Ancaster, Ontario.

~~Please notify me of the exact weight and price as soon as possible.~~ If you have any further questions or concerns, please do not hesitate to contact me at the above number.

Yours truly,

Andrew Turner

1247.89 + GST
1335.24 COB 97890

55% discount!

Rdonta 5730

7099 Torbram Rd.
Miss
L4T, 1G7

Attn: Mark

SHIPMENT OF 3500LBS OF ROCK SAMPLES FROM WHITEHORSE TO ANCASTER

$1247.89 + $87.35GST = $1335.24.

THIS DOCUMENT CONTAINS SECURITY FEATURES - SEE REVERSE

TINTINA MINES LIMITED
920 YONGE ST., SUITE 218,
TORONTO, ONTARIO M4W 3C7

2747

July 20 1995

PAY TO THE ORDER OF Canadian Freightways

REGISTERED RX-10164 $1,335 dol's 24 cts /100 DOLLARS $ 1,335.24

RE Transport rock samples, Whitehorse to Ancaster, ON

THE TORONTO-DOMINION BANK
980 YONGE ST. & BELMONT ST.
TORONTO, ONT. M4W 2J4

TINTINA MINES LIMITED

104 9599.34

⑈002747⑈ ⑆19162⑉004⑆ 0636⑉0874400⑈ ⑈0000133524⑈

JY '95 25
TORONTO DOMINION BANK
CALGARY DATA CENTRE
CALGARY ALBERTA

For Deposit Only To
CANADIAN FREIGHTWAYS
LTD. (CGO)
JUL 25 1995
00008 22-05714
309 - 8th Ave. S.W.
CALGARY, AB

0919 11953

JM : Tintina Mines Limited PHONE NO. : +403 743 2401 Jul. 21 1995 12:53PM P01

ATTN. ROSS ABBOTT.

E.Charters
Box 5591
Fort McMurray,AB.
T9H-3G5

INVOICE TO TINTINA MINES LTD.
July 23 1995

For professional services:

Services @ $250.00 per Diem for 30 days from June 24th, 1995 to July 23rd, 1995

..$ 7500.00

For Truck Rental @ $500.00 per month

July rental.. $500.00

Final billable total $8000.00

8,000.00
72
182
7817.28
500.00 - rental June 21
8,317.28

To be remitted $8000.00

Payment method: ~~$ 8308.84~~

Please deposit as usual directly to : **Bank of Montreal ,**
425 N. Edward St.
Thunder Bay, Ontario.
P7C-4P7

Com → June 15th ~~188.26~~

~~Deduct~~
~~131.14~~
~~60.00~~

Transit No. 507001
Account No. 8029357
In the Name of "E. Charters"

E. Charters

E Charters
July 23/95.

~~① Explain deduct's~~
~~② Explain July 14 note~~

ok for pmt. - ~~500~~ attached note
Rentals 500.00

LK-30 150
MCIV 20 100
NW 20 100
RAY 30 150
500

PORTION FOR RED MOUNTAIN PROJECT IS
9 DAYS AT $250.00=$2,250.00

Andrew Jun

NORCAN LEASING LTD.

Mile 917.4 Alaska Hwy. Whitehorse, Y.T., Y1A 3E5
Phone: (403) 668-2137 or Toll Free: 1-800-661-0445, FAX: (403) 633-7596
G.S.T. Registration Number R121995476

RENTAL AGREEMENT NUMBER 32517

SEE TERMS AND CONDITIONS ON REVERSE SIDE

RENT LOCATION: WHSE AIRPORT

DATE: Jul 08/95

RENTER: TINTINA MINE	ZZ100	UNIT NUMBER	3302110
		LICENCE NUMBER	RAZ 83
		MAKE	1994 FORD GREEN
		STYLE	4x4 SUPERCAB F250
DRIVER: TURNER ANDREW		DAY / TIME / KILO - IN	
		DAY / TIME / KILO - OUT	Jul 09/95 17:00 22547
		KILOMETERS DRIVEN	
LICENCE NO. 126748-306 EXPIRY DATE 12/31/99 PROVINCE Alberta		KILOMETERS ALLOWED	
AUTH'D BY P.O. NUMBER: 4504 413 041 440 exp. 03/96		KILOMETERS @ 0.34	KMS
PAYMENT TYPE: VISA		HOURS @ 13.50	HOURS
OUT BY: FCD		DAYS @ 54.00	DAYS
IN BY:		DAYS @	DAYS
VEHICLE WILL BE RETURNED: Jul 17/95		WEEKS @ 324.00	WEEKS
OPTIONAL EQUIPMENT: JACK/WHEEL WRENCH. IF LOST - $100.00		MONTHS @ 0.00	MONTHS

TOTAL TIME AND KILOMETERS		
TOTAL TIME AND KILOMETERS		
FUEL:	LITERS @ 754	
INSURANCE CHARGE: 10.00 PER DAY	DAYS @	
ADDITIONAL CHARGES		
DROP OFF CHARGES		
SUB TOTAL		
GOOD AND SERVICES TAX	7%	
TOTAL CHARGES		
LESS ROAD EXPENSE		
LESS DEPOSIT	VISA	$500.00
TOTAL AMOUNT DUE		

NOTICE
- ALL AUTHORIZED DRIVERS MUST BE 21 OR OLDER AND LICENCED. RENTER IS RESPONSIBLE FOR ALL DAMAGES SUFFERED BY NORCAN IF VEHICLE IS USED BY A DRIVER NOT LISTED IN SPACE PROVIDED.
- THIS VEHICLE IS EQUIPPED WITH A BLOCK HEATER AND EXTENSION CORD. CUSTOMER IS RESPONSIBLE FOR COLD WEATHER STARTING.
- FUEL NOT INCLUDED IN RATES
- RENTER IS RESPONSIBLE FOR ALL PARKING AND TRAFFIC VIOLATIONS

LOSS DAMAGE WAIVER (L.D.W.) INITIAL ACCEPTS OR DECLINE BOX — ACCEPTS: [initialed] — DECLINES:

IN CONSIDERATION OF THE PAYMENT OF "L.D.W. CHARGE" PER DAY OR PART THEREOF AS INDICATED BELOW THE RENTER'S FINANCIAL RESPONSIBILITY FOR THE LOSS OR DAMAGE TO THE RENTED VEHICLE PER OCCURANCE, IS LIMITED TO THE AMOUNT INDICATED BELOW. EXCEPT FOR TRUCK BOX DAMAGE, PROVIDED THE TERMS AND CONDITIONS OF THIS AGREEMENT ARE NOT VIOLATED. L.D.W. IS NOT INSURANCE.

DEDUCTIBLE AMOUNT OTHER THAN FULL REPLACEMENT VALUE: $ 5000.00

REMARKS/ADDITIONAL TERMS AND CONDITIONS: SEE DAMAGE REPORT

CUSTOMER AUTHORIZES NORCAN TO PROCESS A CREDIT CARD VOUCHER, IF ANY, IN HIS/HER NAME HEREUNDER. I HAVE READ THE TERMS ON BOTH SIDES OF THIS RENTAL AGREEMENT AND AGREE THERETO:

X [signature]

THIS IS YOUR INVOICE PAYABLE ON RECEIPT TO NORCAN LEASING LTD.
THIS INVOICE NUMBER MUST APPEAR ON ALL CORRESPONDENCE AND REMITTANCES.

WHILE ON THE ROAD:
- OBTAIN RECEIPTS FOR ALL REIMBURSABLE EXPENSES AND PRESENT THEM WITH THIS COPY AT CHECK IN.
- REPORT ACCIDENTS IMMEDIATELY TO LOCAL POLICE AND CALL NORCAN COLLECT.
- IF DELAYED IN RETURNING THE VEHICLE PLEASE CALL NORCAN COLLECT OR ON OUR TOLL FREE NUMBER.

RENTAL AGREEMENT NUMBER 32517

VEHICLE CONDITION REPORT

NORCAN

NORCAN LEASING LTD.
917.4 ALASKA HIGHWAY, WHITEHORSE, YUKON Y1A 3E5
1-403-668-2137

RENTING LOCATION: Office

NORCAN EMPLOYEE: Carrie

UNIT NO. 330211 LIC. RAZ 83

R/A NO. 32517

RENTER: Tintina Mine (Andrew Turner)

	MILEAGE / KILOMETERS	TIME
OUT	22547	
IN		

	SPARE	JACK	WRENCHES	CANOPY	WINCH	FIRE EXT.	S. KIT		
OUT	✓	✓	✓	#346					
IN									

OUT

FRONT:

LEFT: small dent front l fender... scratch on door... misc. scratches

RIGHT: scratches

REAR: Bumper dented

TOP:

CARGO AREA:

INTERIOR:

MISC.:

PERSON ACCEPTING:

NAME:

ADDRESS:

SIGNATURE: [signature] PH.:

IN

FRONT:

LEFT:

RIGHT:

REAR:

TOP:

CARGO AREA:

INTERIOR:

MISC.:

PERSON RELEASING:

NAME:

ADDRESS:

SIGNATURE: PH.:

CUSTOMER'S COPY

NORCAN LEASING LTD
917.4 ALASKA HWY
WHITEHORSE BC

STORE 228882 TERM WH012913
SLIP # [illegible]

** VISA ** PURCHASE **
AMOUNT $500.00
4504413041440 9403
JUL/09/95 17:02 APPROVED
31306100100? 69074 001

SIGNATURE ____________________

APPENDIX V

1995 Data Summary and Statistics

1995 Tintina Mines Limited. Red Mountain Drill Core Sampling.

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
6886	RMY-79-14	-250	120	1467.45	7.8	2.5	8.070	120.00	1	2100	1	34.0	0.25	0.020	0.5	5.60	60.0	1.0	100.0	10.0	462	0.029	1.0	2.450	4.0	0.5	2.5	5.52	32.00	0.220	25.270	0.300	37.0
6887	RMY-79-14	-250	120	1464.5	7.3	8.0	7.980	180.00	10	2000	1	28.0	0.25	0.580	0.5	53.50	61.0	3.0	84.0	12.0	340	0.044	1.1	2.840	3.0	0.5	2.5	4.92	32.00	0.280	28.810	0.450	255.0
6888	RMY-79-14	-250	120	1461.5	3.4	2.5	7.770	140.00	10	2300	2	17.0	0.25	0.840	0.5	63.80	63.0	5.0	96.0	11.0	408	0.052	1.3	3.010	3.0	0.5	2.5	5.12	33.00	0.310	28.800	0.550	293.0
6889	RMY-79-14	-250	120	1458.5	5.5	2.5	7.640	77.00	11	2000	1	31.0	0.25	1.370	1.0	71.10	64.0	4.0	84.0	12.0	385	0.059	1.3	2.710	2.0	0.5	2.5	4.94	33.00	0.340	28.960	0.710	451.0
6890	RMY-79-14	-250	120	1455.5	4.0	2.5	8.160	83.00	4	1400	2	18.0	0.25	0.660	0.5	53.00	55.0	4.0	84.0	13.0	688	0.096	1.1	2.370	3.0	0.5	2.5	4.41	29.00	0.290	27.940	0.500	307.0
6891	RMY-79-14	-250	120	1452.5	3.7	2.5	7.680	63.00	10	2300	1	16.0	0.25	0.940	0.5	45.90	62.0	5.0	82.0	12.0	540	0.054	1.2	2.980	3.0	0.5	2.5	5.17	32.00	0.300	30.380	0.550	339.0
6892	RMY-79-14	-250	120	1449.5	3.6	2.5	7.640	69.00	8	2200	2	25.0	0.25	0.390	0.5	58.00	60.0	5.0	96.0	11.0	649	0.067	1.4	3.380	4.0	0.5	2.5	4.88	31.00	0.290	29.200	0.370	315.0
6893	RMY-79-14	-250	120	1446.5	2.0	2.5	7.660	52.00	1	2400	1	14.0	0.25	1.120	2.0	48.90	62.0	4.0	89.0	12.0	393	0.05	1.4	2.650	4.0	0.5	2.5	5.18	32.00	0.270	28.620	0.590	344.0
6894	RMY-79-14	-250	120	1443.65	3.4	2.5	7.530	53.00	8	2700	1	22.0	0.25	1.590	2.0	52.10	62.0	4.0	87.0	11.0	462	0.054	1.3	2.580	3.0	0.5	2.5	5.36	31.00	0.340	28.030	0.740	502.0
6983	RMY-79-16	-244	292	1424.6	5.4	2.5	7.160	49.00	15	3500	1	2.5	0.25	0.050	0.5	0.25	95.0	0.5	100.0	9.0	60	0.012	1.1	2.370	3.0	0.5	2.5	6.07	51.00	0.340	27.470	0.190	24.0
6985	RMY-79-16	-244	292	1418.5	3.2	2.5	7.670	82.00	13	2900	1	2.5	0.25	0.020	0.5	0.25	100.0	2.0	110.0	10.0	72	0.012	1.2	2.490	4.0	0.5	2.5	6.47	60.00	0.270	25.660	0.210	18.0
6987	RMY-79-16	-244	292	1412.5	6.3	5.0	7.210	76.00	10	2700	1	2.5	0.25	0.020	0.5	0.25	65.0	3.0	130.0	9.0	129	0.021	1.0	2.740	2.0	0.5	2.5	6.18	37.00	0.240	26.850	0.200	26.0
6989	RMY-79-16	-244	292	1406.5	4.2	2.5	7.660	75.00	11	2200	1	2.5	0.25	0.010	0.5	0.25	90.0	7.0	120.0	9.0	119	0.02	1.1	2.400	2.0	0.5	2.5	5.81	48.00	0.170	25.940	0.210	26.0
6991	RMY-79-16	-244	292	1400.5	8.6	11.0	6.330	140.00	10	2500	2	2.5	0.25	0.080	0.5	2.00	70.0	94.0	110.0	8.0	1606	0.104	1.2	9.610	3.0	0.5	2.5	4.88	36.00	0.360	33.320	0.170	29.0
6993	RMY-79-16	-244	292	1394.5	6.9	2.5	7.410	190.00	15	3500	1	7.0	0.25	0.330	0.5	10.30	86.0	27.0	78.0	9.0	727	0.111	1.3	3.610	3.0	0.5	2.5	6.46	46.00	0.360	31.380	0.310	226.0
6995	RMY-79-16	-244	292	1388.5	17.1	18.0	7.610	140.00	16	3300	1	10.0	0.25	0.220	0.5	23.20	73.0	22.0	86.0	11.0	1857	0.117	1.0	3.700	4.0	0.5	2.5	5.99	39.00	0.310	30.960	0.330	217.0
6997	RMY-79-16	-244	292	1382.5	22.7	23.0	8.390	200.00	18	2800	2	17.0	0.25	0.150	0.5	24.20	61.0	39.0	150.0	18.0	1637	0.132	1.1	4.710	4.0	0.5	2.5	6.27	31.00	0.420	29.520	0.460	156.0
6999	RMY-79-16	-244	292	1376.5	12.4	12.0	7.520	130.00	6	2200	2	2.5	0.25	0.260	0.5	12.60	70.0	53.0	130.0	12.0	3343	0.092	1.2	5.110	2.0	0.5	2.5	4.98	37.00	0.350	31.640	0.340	145.0
7001	RMY-79-16	-244	292	1370.5	4.2	2.5	6.580	230.00	17	2600	1	2.5	0.25	0.400	1.0	23.70	67.0	25.0	110.0	11.0	431	0.063	1.2	3.860	3.0	0.5	2.5	4.91	36.00	0.320	29.120	0.490	414.0
B-115	RMY-80-17A	-500	275	1418.5	5.2	2.5	7.940	750.00	1	2300	1	26.0	0.25	2.060	2.0	1.70	56.0	2.0	130.0	15.0	1158	1030	1.4	2.650	4.0	0.5	2.5	4.07	26.00	0.270	23.270	0.810	311.0
B-117	RMY-80-17A	-500	275	1412.5	5.4	5.0	7.680	1200.00	1	1500	1	22.0	0.25	2.250	2.0	4.60	55.0	2.0	59.0	16.0	1246	1620	1.5	2.700	2.0	0.5	2.5	3.95	29.00	0.270	35.070	0.940	327.0
B-119	RMY-80-17A	-500	275	1406.5	4.9	2.5	7.350	1800.00	22	1600	1	32.0	0.25	2.260	2.0	2.10	73.0	3.0	110.0	18.0	1601	1570	2.2	3.420	3.0	0.5	2.5	4.03	35.00	0.230	25.680	0.940	375.0
B-121	RMY-80-17A	-500	275	1400.5	4.3	6.0	7.510	2100.00	12	2100	1	69.0	0.25	2.310	2.0	0.25	51.0	2.0	55.0	13.0	205	160	1.3	3.240	3.0	0.5	2.5	4.26	28.00	0.220	33.890	0.970	355.0
B-123	RMY-80-17A	-500	275	1394.5	0.5	2.5	7.790	260.00	1	2200	1	30.0	0.25	2.240	2.0	0.25	32.0	2.0	69.0	12.0	11	42	0.7	2.210	3.0	0.5	2.5	3.87	17.00	0.180	28.840	0.880	281.0
B-125	RMY-80-17A	-500	275	1388.5	1.7	2.5	7.810	630.00	12	3100	1	17.0	0.25	2.180	3.0	0.70	29.0	2.0	74.0	13.0	490	404	0.7	2.240	4.0	0.5	2.5	3.79	15.00	0.190	25.260	0.830	262.0
B-127	RMY-80-17A	-500	275	1382.5	1.8	2.5	7.980	280.00	1	2500	1	31.0	0.25	2.060	0.5	0.25	33.0	2.0	46.0	13.0	40	70	1.0	2.000	3.0	0.5	2.5	3.63	19.00	0.210	31.390	0.780	276.0
B-129	RMY-80-17A	-500	275	1376.5	0.2	2.5	7.910	390.00	1	1400	1	2.5	0.25	2.220	2.0	0.25	34.0	2.0	75.0	15.0	42	52	0.9	2.300	2.0	0.5	2.5	3.33	18.00	0.210	24.010	0.860	289.0
B-131	RMY-80-17A	-500	275	1370.5	0.2	2.5	7.770	290.00	1	1100	1	6.0	0.25	2.210	2.0	0.60	42.0	5.0	35.0	16.0	47	62	1.1	2.680	3.0	0.5	2.5	3.49	23.00	0.260	33.990	0.720	603.0
B-133	RMY-80-17A	-500	275	1364.5	0.6	2.5	7.640	990.00	26	5900	1	6.0	0.25	1.430	2.0	0.25	41.0	1.0	53.0	17.0	43	52	1.1	2.150	3.0	0.5	2.5	3.53	20.00	0.300	35.430	0.580	203.0
B-135	RMY-80-17A	-500	275	1358.5	5.6	2.5	7.610	490.00	1	1000	1	35.0	0.25	2.620	2.0	2.10	81.0	2.0	58.0	14.0	1864	1680	2.0	2.110	4.0	0.5	2.5	3.20	39.00	0.300	28.380	0.800	261.0
B-137	RMY-80-17A	-500	275	1352.5	1.7	2.5	7.600	1300.00	12	750	1	12.0	0.25	2.590	2.0	0.70	42.0	2.0	83.0	16.0	402	510	1.3	2.520	3.0	0.5	2.5	3.36	22.00	0.290	25.370	0.740	241.0
B-139	RMY-80-17A	-500	275	1346.5	1.3	2.5	7.290	1400.00	40	1100	1	2.5	0.25	2.140	3.0	0.25	150.0	2.0	77.0	15.0	221	240	3.0	2.930	3.0	0.5	2.5	3.46	70.00	0.360	23.520	0.630	262.0
B-141	RMY-80-17A	-500	275	1340.5	0.7	2.5	7.370	810.00	1	870	1	2.5	0.25	2.910	4.0	0.25	46.0	2.0	110.0	15.0	179	250	1.2	2.970	4.0	0.5	2.5	3.52	22.00	0.350	20.030	0.670	244.0
B-143	RMY-80-17A	-500	275	1334.5	0.5	2.5	7.470	390.00	1	890	1	2.5	0.25	2.580	2.0	0.25	62.0	1.0	80.0	17.0	65	128	1.6	2.490	4.0	0.5	2.5	3.61	31.00	0.340	24.430	0.620	239.0
B-145	RMY-80-17A	-500	275	1328.5	1.3	2.5	7.740	1600.00	22	1100	1	6.0	0.25	2.750	3.0	0.25	31.0	2.0	57.0	15.0	235	270	1.1	3.040	4.0	0.5	2.5	3.70	16.00	0.410	28.170	0.620	240.0
B-147	RMY-80-17A	-500	275	1322.5	0.2	2.5	7.650	3100.00	2	820	1	2.5	0.25	2.150	2.0	0.25	26.0	2.0	93.0	15.0	179	230	1.3	2.270	3.0	0.5	2.5	3.38	14.00	0.550	23.940	0.490	168.0
B-149	RMY-80-17A	-500	275	1316.5	0.6	2.5	7.560	3400.00	2	2400	1	2.5	0.25	2.500	2.0	0.25	70.0	0.5	100.0	14.0	143	172	2.1	2.530	4.0	0.5	2.5	3.17	37.00	0.320	23.880	0.660	205.0
B-151	RMY-80-17A	-500	275	1310.5	0.6	2.5	7.710	3100.00	2	1700	1	2.5	0.25	2.420	2.0	0.25	54.0	2.0	110.0	13.0	191	165	1.5	2.780	4.0	0.5	2.5	2.98	27.00	0.320	22.360	0.670	192.0
B-153	RMY-80-17A	-500	275	1304.5	2.8	2.5	7.760	1600.00	11	1100	1	26.0	0.25	2.620	3.0	0.80	50.0	2.0	96.0	10.0	923	1060	1.5	2.160	4.0	0.5	2.5	2.64	26.00	0.220	28.290	0.730	196.0
A-165	RMY-80-18	-375	420	1400.5	1.5	2.5	6.370	79.00	15	1100	2	2.5	0.25	0.750	0.5	2.70	66.0	22.0	200.0	29.0	287	260	1.1	5.190	5.0	0.5	2.5	4.29	33.00	0.480	29.260	1.340	342.0
A-168	RMY-80-18	-375	420	1391.9	0.5	2.5	5.920	43.00	16	710	2	2.5	0.25	0.750	0.5	0.25	79.0	19.0	150.0	25.0	67	58	1.0	5.490	6.0	0.5	2.5	3.79	41.00	0.400	34.860	1.750	483.0
A-171	RMY-80-18	-375	420	1381.5	8.8	12.0	5.230	130.00	27	1100	2	10.0	0.25	1.500	0.5	42.00	150.0	46.0	170.0	45.0	1108	800	1.7	12.400	6.0	0.5	2.5	3.15	89.00	0.620	29.350	2.200	559.0
A-174	RMY-80-18	-375	420	1372.5	8.3	9.0	5.410	22.00	22	970	2	10.0	0.25	0.680	2.0	2.50	200.0	20.0	160.0	19.0	2125	2050	2.1	7.450	5.0	0.5	2.5	3.91	120.00	0.440	33.350	2.180	489.0
A-177	RMY-80-18	-375	420	1363.5	5.6	2.5	4.980	23.00	26	740	2	2.5	0.25	1.650	0.5	0.50	160.0	30.0	120.0	30.0	1223	1080	1.9	7.750	5.0	0.5	2.5	3.17	100.00	0.400	35.800	1.920	423.0
A-180	RMY-80-18	-375	420	1354.5	1.7	2.5	4.260	82.00	13	520	2	2.5	0.25	2.650	2.0	0.25	110.0	29.0	120.0	24.0	453	410	1.6	6.940	5.0	0.5	2.5	2.71	66.00	0.370	37.030	2.080	479.0
A-183	RMY-80-18	-375	420	1345.5	4.7	2.5	6.990	5600.00	190	2000	1	6.0	0.25	1.020	0.5	0.70	73.0	11.0	70.0	11.0	229	210	1.4	3.910	3.0	0.5	2.5	6.78	54.00	0.320	31.740	0.600	277.0
A-186	RMY-80-18	-375	420	1336.5	0.4	2.5	7.250	850.00	29	1600	2	2.5	0.25	2.860	2.0	0.25	53.0	3.0	71.0	15.0	115	100	1.1	3.150	2.0	0.5	2.5	6.17	31.00	0.220	33.060	1.360	458.0
A-189	RMY-80-18	-375	420	1327.5	0.5	2.5	7.370	1800.00	52	1600	2	2.5	0.25	2.280	2.0	0.25	65.0	3.0	82.0	14.0	104	96	1.3	3.000	3.0	0.5	2.5	5.85	37.00	0.250	32.730	1.000	280.0
A-192	RMY-80-18	-375	420	1318.5	0.8	2.5	7.260	4600.00	20	1700	2	2.5	0.25	0.630	0.5	0.25	130.0	10.0	77.0	8.0	198	190	0.7	5.750	2.0	0.5	2.5	6.79	83.00	0.290	33.760	0.580	183.0
A-195	RMY-80-18	-375	420	1309.5	0.4	2.5	7.270	6600.00	110	1900	1	2.5	0.25	1.460	0.5	0.25	88.0	2.0	57.0	8.0	141	137	1.5	4.580	2.0	0.5	2.5	6.39	53.00	0.290	30.430	0.690	264.0
A-198	RMY-80-18	-375	420	1300.5	0.2	2.5	7.740	1800.00	1	2000	1	2.5	0.25	1.140	0.5	0.25	120.0	6.0	68.0	8.0	178	180	1.3	3.690	1.0	0.5	2.5	7.39	74.00	0.340	32.660	0.900	260.0
B-841	RMY-81-23	-625	270	1505.7	0.5	2.5	7.320	24.00	10	4100	1	2.5	0.25	0.060	0.5	0.25	56.0	3.0	200.0	11.0	35	40	0.8	2.100	3.0	0.5	2.5	5.43	32.00	0.120	21.710	0.300	55.0
B-844	RMY-81-23	-625	270	1497.5	1.5	2.5	6.980	36.00	10	1400	1	2.5	0.25	0.010	0.5	0.25	55.0	0.5	190.0	17.0	44	62	1.0	1.960	3.0	0.5	2.5	3.84	26.00	0.100	20.650	0.350	33.0
B-847	RMY-81-23	-625	270	1488.5	0.8	2.5	7.330	45.00	1	620	2	2.5	0.25	0.020	0.5	0.60	43.0	0.5	85.0	21.0	52	60	0.7	2.110	3.0	0.5	2.5	3.41	22.00	0.250	26.280	0.280	61.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
B-850	RMY-81-23	-625	270	1479.5	0.8	2.5	8.600	51.00	58	610	1	2.5	0.25	0.020	0.5	0.25	72.0	0.5	120.0	30.0	40	44	1.3	1.400	3.0	0.5	2.5	3.80	40.00	0.200	26.470	0.430	23.0
B-853	RMY-81-23	-625	270	1470.5	0.2	2.5	7.940	25.00	11	2100	1	2.5	0.25	0.020	0.5	0.70	55.0	2.0	120.0	13.0	107	84	1.1	2.110	3.0	0.5	2.5	5.24	27.00	0.190	25.680	0.280	5.0
B-856	RMY-81-23	-625	270	1461.5	0.4	2.5	6.760	20.00	8	2500	1	2.5	0.25	0.030	0.5	0.25	43.0	11.0	130.0	10.0	61	46	0.9	3.300	3.0	0.5	2.5	4.28	20.00	0.200	25.090	0.350	5.0
B-859	RMY-81-23	-625	270	1452.5	0.2	2.5	7.060	11.00	10	2600	1	2.5	0.25	0.040	0.5	0.60	39.0	4.0	160.0	11.0	121	104	1.1	1.210	3.0	0.5	2.5	5.55	20.00	0.140	26.040	0.200	5.0
B-862	RMY-81-23	-625	270	1443.5	0.2	2.5	7.000	4.80	8	2100	1	2.5	0.25	0.060	0.5	0.25	32.0	3.0	150.0	8.0	106	68	1.1	1.070	3.0	0.5	2.5	5.45	18.00	0.160	29.880	0.250	8.0
B-865	RMY-81-23	-625	270	1434.5	0.2	2.5	8.350	7.80	1	1800	1	2.5	0.25	0.780	0.5	1.00	53.0	7.0	120.0	10.0	159	140	1.1	2.200	3.0	0.5	2.5	4.72	27.00	0.310	29.810	0.960	152.0
B-868	RMY-81-23	-625	270	1425.5	0.2	2.5	6.630	4.90	1	2100	1	2.5	0.25	0.890	1.0	2.60	58.0	6.0	180.0	7.0	58	40	0.7	1.370	3.0	0.5	2.5	5.86	31.00	0.220	26.310	0.420	173.0
B-871	RMY-81-23	-625	270	1416.5	0.2	2.5	7.330	8.60	1	2100	1	2.5	0.25	0.090	0.5	1.30	46.0	10.0	130.0	10.0	230	246	0.8	1.640	3.0	0.5	2.5	5.37	27.00	0.170	28.580	0.210	32.0
B-874	RMY-81-23	-625	270	1407.5	0.2	2.5	6.710	7.50	5	2200	1	2.5	0.25	1.050	2.0	1.40	47.0	10.0	170.0	9.0	26	26	0.9	2.020	4.0	0.5	2.5	5.57	26.00	0.200	24.470	0.450	183.0
B-877	RMY-81-23	-625	270	1398.5	0.2	2.5	7.460	10.00	6	2500	1	2.5	0.25	1.080	0.5	2.20	64.0	8.0	160.0	9.0	19	16	1.3	1.770	3.0	0.5	2.5	5.63	35.00	0.280	25.390	0.450	212.0
B-880	RMY-81-23	-625	270	1389.5	0.2	2.5	8.710	8.30	10	2000	1	2.5	0.25	0.990	0.5	4.50	75.0	19.0	140.0	9.0	186	178	1.7	3.120	3.0	0.5	2.5	4.82	41.00	0.440	25.620	1.150	383.0
B-883	RMY-81-23	-625	270	1380.5	0.2	2.5	8.550	8.10	7	1700	1	2.5	0.25	1.970	2.0	0.25	68.0	12.0	96.0	8.0	55	50	1.4	2.900	3.0	0.5	2.5	4.08	41.00	0.280	29.590	1.330	214.0
B-886	RMY-81-23	-625	270	1371.5	0.2	2.5	6.600	7.00	11	2100	1	2.5	0.25	0.980	0.5	0.60	47.0	8.0	130.0	9.0	12	14	1.0	1.960	2.0	0.5	2.5	5.21	25.00	0.160	27.840	0.450	121.0
B-889	RMY-81-23	-625	270	1362.5	0.2	2.5	6.720	3.40	6	2100	1	2.5	0.25	1.100	0.5	0.90	42.0	11.0	180.0	10.0	9	6	1.0	2.370	4.0	0.5	2.5	5.04	22.00	0.210	23.720	0.390	168.0
B-892	RMY-81-23	-625	270	1353.5	0.2	2.5	6.570	4.60	8	2000	1	2.5	0.25	0.850	0.5	0.25	35.0	6.0	130.0	7.0	8	12	0.9	2.650	3.0	0.5	2.5	5.36	20.00	0.180	26.980	0.460	97.0
B-895	RMY-81-23	-625	270	1344.5	0.2	2.5	7.220	2.00	13	2200	1	2.5	0.25	1.120	0.5	0.70	53.0	9.0	140.0	4.0	22	18	1.3	1.750	5.0	0.5	2.5	4.85	31.00	0.230	28.440	0.690	156.0
B-898	RMY-81-23	-625	270	1335.5	0.2	2.5	7.910	8.30	5	1800	1	2.5	0.25	0.450	0.5	6.60	69.0	15.0	130.0	9.0	256	264	1.5	2.390	4.0	0.5	2.5	4.61	39.00	0.430	27.870	0.440	271.0
B-901	RMY-81-23	-625	270	1326.5	0.2	2.5	7.920	5.40	7	2000	1	2.5	0.25	1.000	0.5	5.50	54.0	17.0	94.0	9.0	35	30	1.0	2.130	4.0	0.5	2.5	4.77	33.00	0.280	30.270	0.480	332.0
B-904	RMY-81-23	-625	270	1317.5	0.2	2.5	6.720	7.40	1	1500	1	2.5	0.25	0.280	0.5	2.70	78.0	15.0	110.0	8.0	80	50	0.9	5.240	5.0	0.5	2.5	4.04	48.00	0.290	27.410	0.340	62.0
B-907	RMY-81-23	-625	270	1308.5	0.2	2.5	7.070	21.00	1	2200	1	2.5	0.25	2.780	3.0	0.25	55.0	7.0	130.0	10.0	62	52	1.3	4.450	0.5	0.5	2.5	3.72	30.00	0.290	26.290	0.580	132.0
B-910	RMY-81-23	-625	270	1299.5	0.2	2.5	6.820	6.90	5	1000	1	2.5	0.25	0.510	0.5	1.10	71.0	7.0	190.0	14.0	7	6	1.0	4.660	4.0	0.5	2.5	3.26	41.00	0.280	23.740	0.550	171.0
B-913	RMY-81-23	-625	270	1290.5	0.2	2.5	6.840	9.50	1	2300	1	2.5	0.25	0.380	0.5	1.20	39.0	3.0	170.0	9.0	9	6	0.7	2.440	4.0	0.5	2.5	4.59	20.00	0.290	23.740	0.370	78.0
B-916	RMY-81-23	-625	270	1281.5	0.2	2.5	6.400	9.00	1	1800	1	2.5	0.25	0.990	0.5	0.60	50.0	12.0	160.0	6.0	8	8	0.6	6.250	3.0	0.5	2.5	4.27	25.00	0.240	25.710	0.300	109.0
B-919	RMY-81-23	-625	270	1272.5	0.2	2.5	6.360	12.00	1	1900	1	2.5	0.25	0.880	0.5	0.60	57.0	29.0	160.0	6.0	8	6	0.6	5.740	3.0	0.5	2.5	4.79	26.00	0.220	26.450	0.280	116.0
B-922	RMY-81-23	-625	270	1263.5	0.2	2.5	6.190	15.00	1	2300	1	2.5	0.25	0.500	0.5	0.25	50.0	12.0	170.0	7.0	9	10	0.6	8.350	3.0	0.5	2.5	4.59	24.00	0.170	27.980	0.320	75.0
B-925	RMY-81-23	-625	270	1254.5	0.2	2.5	6.460	13.00	1	3200	1	2.5	0.25	0.510	0.5	0.70	16.0	4.0	130.0	6.0	8	8	0.6	3.080	3.0	0.5	2.5	6.22	9.10	0.190	27.290	0.200	63.0
B-928	RMY-81-23	-625	270	1245.5	1.8	2.5	6.640	26.00	9	1900	1	2.5	0.25	0.590	0.5	0.60	51.0	7.0	150.0	16.0	560	268	0.9	1.090	3.0	0.5	2.5	4.86	31.00	0.230	25.320	0.300	155.0
B-931	RMY-81-23	-625	270	1236.5	0.2	2.5	6.400	23.00	3	2000	1	2.5	0.25	0.410	0.5	1.00	62.0	10.0	190.0	15.0	11	6	0.8	1.760	4.0	0.5	2.5	4.17	36.00	0.260	26.120	0.360	318.0
B-934	RMY-81-23	-625	270	1227.5	0.2	2.5	6.720	9.10	5	2500	1	2.5	0.25	0.920	0.5	0.25	44.0	8.0	170.0	11.0	6	6	0.7	2.020	4.0	0.5	2.5	5.36	26.00	0.230	28.930	0.420	230.0
B-937	RMY-81-23	-625	270	1218.5	0.2	2.5	6.450	6.60	1	2200	1	2.5	0.25	0.970	0.5	0.25	43.0	6.0	180.0	10.0	5	4	0.8	2.610	3.0	0.5	2.5	5.10	26.00	0.240	26.340	0.430	210.0
B-940	RMY-81-23	-625	270	1209.5	0.2	2.5	6.310	9.70	1	2400	1	2.5	0.25	0.290	0.5	0.25	17.0	5.0	180.0	6.0	3	2	0.5	1.500	3.0	0.5	2.5	5.76	8.10	0.160	26.310	0.160	39.0
B-943	RMY-81-23	-625	270	1200.5	0.2	2.5	6.020	8.60	29	3900	1	2.5	0.25	0.230	0.5	0.50	26.0	22.0	140.0	5.0	5	4	0.5	3.300	3.0	0.5	2.5	5.93	10.00	0.190	29.010	0.150	38.0
B-946	RMY-81-23	-625	270	1191.5	0.2	2.5	6.330	12.00	4	2900	1	2.5	0.25	0.370	0.5	0.25	12.0	5.0	160.0	6.0	5	2	0.6	1.580	3.0	0.5	2.5	6.06	4.50	0.190	26.770	0.230	95.0
B-949	RMY-81-23	-625	270	1182.5	0.5	2.5	7.720	74.00	9	2300	1	2.5	0.25	1.580	1.0	0.50	57.0	6.0	120.0	8.0	5	6	0.9	3.020	3.0	0.5	2.5	8.00	28.00	0.250	26.970	0.710	226.0
B-952	RMY-81-23	-625	270	1173.5	0.5	2.5	8.150	41.00	11	1700	2	2.5	0.25	2.030	2.0	0.25	66.0	10.0	140.0	13.0	11	12	1.2	2.660	3.0	0.5	2.5	5.31	32.00	0.330	27.100	0.950	318.0
B-955	RMY-81-23	-625	270	1164.5	0.2	2.5	7.740	24.00	1	380	2	2.5	1.20	1.980	3.0	0.25	59.0	2.0	150.0	10.0	2	6	1.0	1.350	2.0	0.5	2.5	3.59	29.00	0.280	25.380	1.060	463.0
B-958	RMY-81-23	-625	270	1155.5	0.4	2.5	7.740	25.00	1	1400	2	2.5	0.25	1.800	2.0	0.25	40.0	5.0	160.0	9.0	11	10	1.3	2.010	3.0	0.5	2.5	4.41	17.00	0.340	26.240	0.670	350.0
B-961	RMY-81-23	-625	270	1146.5	0.2	2.5	7.550	310.00	1	1100	2	2.5	0.25	2.270	3.0	0.25	42.0	12.0	130.0	9.0	3	8	1.5	3.930	4.0	0.5	2.5	3.03	20.00	0.310	25.960	0.740	273.0
B-964	RMY-81-23	-625	270	1137.5	0.2	2.5	7.190	310.00	13	1300	2	11.0	0.25	2.320	0.5	0.25	66.0	7.0	110.0	10.0	8	12	1.5	3.870	3.0	0.5	2.5	2.36	34.00	0.320	27.810	0.880	335.0
B-967	RMY-81-23	-625	270	1128.5	0.4	2.5	7.710	260.00	1	1500	2	10.0	0.25	2.500	3.0	0.25	48.0	4.0	130.0	11.0	143	148	1.5	3.140	4.0	0.5	2.5	2.18	22.00	0.340	26.750	0.680	218.0
B-970	RMY-81-23	-625	270	1119.5	0.4	2.5	7.840	570.00	8	2000	2	2.5	0.25	2.390	3.0	0.50	48.0	1.0	150.0	16.0	149	128	1.4	2.750	3.0	0.5	2.5	2.90	22.00	0.330	22.230	0.740	188.0
B-973	RMY-81-23	-625	270	1110.5	0.2	2.5	7.220	13.00	1	1300	1	2.5	0.25	2.050	2.0	0.90	47.0	3.0	190.0	16.0	137	128	1.2	2.560	3.0	0.5	2.5	2.48	22.00	0.300	22.160	0.540	170.0
B-976	RMY-81-23	-625	270	1101.5	0.2	2.5	7.580	7.00	1	1200	1	2.5	0.25	2.290	0.5	0.25	46.0	0.5	140.0	19.0	91	100	1.5	2.150	4.0	0.5	2.5	2.39	21.00	0.310	25.760	0.550	165.0
B-979	RMY-81-23	-625	270	1092.5	0.7	2.5	7.470	1300.00	82	2700	2	2.5	0.25	1.200	1.0	0.25	48.0	2.0	130.0	29.0	132	112	1.4	2.300	4.0	0.5	2.5	3.30	22.00	0.320	24.790	0.490	94.0
B-982	RMY-81-23	-625	270	1083.5	0.4	2.5	7.690	120.00	1	1200	2	2.5	0.25	3.490	5.0	0.70	63.0	2.0	120.0	24.0	125	128	1.8	2.000	3.0	0.5	2.5	2.17	31.00	0.330	24.310	0.720	196.0
B-985	RMY-81-23	-625	270	1074.5	0.2	2.5	7.870	37.00	1	950	2	2.5	0.25	3.010	4.0	0.25	60.0	0.5	120.0	15.0	2	8	1.9	1.370	3.0	0.5	2.5	1.53	27.00	0.360	26.630	0.640	160.0
B-988	RMY-81-23	-625	270	1065.5	0.2	2.5	8.140	2.80	1	600	2	2.5	0.25	2.370	3.0	0.25	58.0	3.0	130.0	20.0	2	8	1.7	1.620	4.0	0.5	2.5	1.68	27.00	0.310	24.120	0.530	125.0
B-991	RMY-81-23	-625	270	1056.5	0.2	2.5	8.070	50.00	1	870	2	2.5	0.25	2.370	3.0	0.25	73.0	3.0	84.0	26.0	2	12	1.5	1.740	4.0	0.5	2.5	3.01	36.00	0.310	26.430	1.040	192.0
B-994	RMY-81-23	-625	270	1047.5	0.2	2.5	4.640	19.00	5	1200	1	2.5	0.25	1.320	1.0	0.25	20.0	0.5	170.0	14.0	5	12	0.6	0.710	3.0	0.5	2.5	2.16	8.50	0.150	25.160	0.630	120.0
B-997	RMY-81-23	-625	270	1038.5	0.2	2.5	7.570	50.00	1	1100	1	2.5	0.25	3.010	3.0	0.25	45.0	2.0	130.0	18.0	4	10	1.4	1.370	4.0	0.5	2.5	2.68	21.00	0.330	25.620	0.420	161.0
C-001	RMY-81-23	-625	270	1029.5	0.2	2.5	6.180	6.30	5	1800	1	2.5	0.25	1.490	2.0	0.25	23.0	2.0	110.0	8.0	3	14	0.8	1.480	4.0	0.5	2.5	3.63	11.00	0.210	39.000	1.110	162.0
C-004	RMY-81-23	-625	270	1020.5	0.2	2.5	5.670	31.00	1	670	1	2.5	0.25	1.980	2.0	0.25	24.0	2.0	220.0	21.0	7	16	0.7	1.960	3.0	0.5	2.5	2.63	12.00	0.210	26.120	1.170	187.0
C-007	RMY-81-23	-625	270	1011.5	0.2	2.5	6.050	91.00	30	1100	2	2.5	0.25	4.030	4.0	0.25	31.0	2.0	200.0	22.0	11	20	0.9	2.230	4.0	0.5	2.5	2.89	16.00	0.230	26.030	1.950	323.0
C-010	RMY-81-23	-625	270	1002.5	0.2	2.5	6.450	1.50	3	1100	2	2.5	0.25	1.970	3.0	0.25	31.0	2.0	140.0	11.0	6	14	0.8	2.480	5.0	0.5	2.5	2.59	17.00	0.230	34.810	1.880	307.0
C-013	RMY-81-23	-625	270	993.5	0.2	2.5	6.820	2.10	1	1700	1	2.5	0.25	1.540	2.0	0.25	30.0	2.0	210.0	9.0	28	30	1.0	2.210	4.0	0.5	2.5	3.53	14.00	0.310	27.430	1.290	258.0
C-026	RMY-81-24	-625	30	1633.3	5.2	2.5	7.200	75.00	6	2200	1	26.0	0.25	0.020	0.5	0.25	62.0	2.0	140.0	7.0	30	32	1.0	3.450	5.0	0.5	2.5	5.96	34.00	0.180	31.720	0.310	52.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
C-029	RMY-81-24	-625	30	1624.5	0.2	2.5	7.180	7.50	4	2100	1	2.5	0.25	0.050	0.5	0.25	33.0	2.0	130.0	6.0	15	20	0.7	2.210	4.0	0.5	2.5	5.58	18.00	0.130	26.560	0.210	32.0
C-032	RMY-81-24	-625	30	1615.5	1.0	2.5	6.600	31.00	1	1700	1	2.5	0.25	0.040	0.5	0.25	39.0	3.0	130.0	8.0	30	32	0.1	3.640	3.0	0.5	2.5	4.96	20.00	0.150	28.560	0.230	47.0
C-035	RMY-81-24	-625	30	1606.5	0.6	2.5	6.940	32.00	1	1500	1	2.5	0.25	0.060	0.5	0.25	46.0	2.0	120.0	13.0	60	60	0.9	3.580	5.0	0.5	2.5	4.81	25.00	0.210	32.830	0.310	53.0
C-038	RMY-81-24	-625	30	1597.5	0.4	2.5	7.800	37.00	1	2100	1	2.5	0.25	0.020	0.5	0.25	50.0	2.0	140.0	14.0	19	16	0.7	2.590	4.0	0.5	2.5	5.29	27.00	0.200	26.590	0.280	48.0
C-041	RMY-81-24	-625	30	1588.5	0.5	2.5	7.860	26.00	1	2800	1	2.5	0.25	0.020	0.5	0.25	59.0	1.0	110.0	13.0	34	36	0.9	3.160	5.0	0.5	2.5	5.42	30.00	0.200	28.720	0.310	38.0
C-044	RMY-81-24	-625	30	1579.5	0.7	2.5	7.780	50.00	1	1600	1	2.5	0.25	0.010	0.5	0.25	63.0	1.0	140.0	22.0	61	60	0.9	2.610	4.0	0.5	2.5	4.53	35.00	0.120	25.390	0.250	41.0
C-047	RMY-81-24	-625	30	1570.5	0.2	2.5	7.790	16.00	1	1800	1	2.5	0.25	0.360	0.5	0.25	57.0	11.0	140.0	10.0	173	156	1.0	3.530	4.0	0.5	2.5	4.94	33.00	0.150	25.710	0.310	169.0
C-049	RMY-81-24	-625	30	1564.5	0.2	2.5	8.220	33.00	1	2200	1	2.5	0.25	0.150	0.5	0.25	44.0	13.0	140.0	13.0	250	240	0.9	3.810	3.0	0.5	2.5	4.84	24.00	0.190	27.000	0.280	147.0
C-050	RMY-81-24	-625	30	1561.5	2.1	2.5	8.450	230.00	9	1200	1	2.5	0.25	0.060	0.5	2.10	60.0	8.0	140.0	17.0	353	560	1.0	3.430	4.0	0.5	2.5	4.03	34.00	0.190	27.660	0.380	74.0
C-051	RMY-81-24	-625	30	1558.5	0.5	2.5	8.370	26.00	1	1800	1	2.5	0.25	0.180	0.5	1.20	68.0	14.0	130.0	19.0	441	510	1.3	3.690	4.0	0.5	2.5	4.90	35.00	0.330	29.830	0.340	262.0
C-052	RMY-81-24	-625	30	1555.5	1.3	2.5	9.400	110.00	7	1200	2	2.5	0.25	0.110	0.5	1.60	51.0	17.0	160.0	21.0	2285	2000	0.9	3.870	4.0	0.5	2.5	4.61	28.00	0.220	32.810	0.400	95.0
C-053	RMY-81-24	-625	30	1552.5	0.2	2.5	9.950	26.00	1	1700	2	2.5	0.25	0.250	0.5	1.60	63.0	15.0	120.0	20.0	284	200	1.4	2.990	5.0	0.5	2.5	5.94	33.00	0.340	28.610	0.370	220.0
C-054	RMY-81-24	-625	30	1549.5	0.2	2.5	9.390	59.00	1	2000	2	2.5	0.25	0.780	0.5	2.10	54.0	16.0	150.0	31.0	178	260	1.1	3.230	5.0	0.5	2.5	5.03	28.00	0.430	29.030	0.840	428.0
C-055	RMY-81-24	-625	30	1546.5	0.2	2.5	8.090	36.00	1	1100	1	2.5	0.25	0.080	0.5	0.25	45.0	8.0	71.0	20.0	86	400	0.9	1.640	1.0	0.5	2.5	4.25	25.00	0.180	35.250	0.270	29.0
C-056	RMY-81-24	-625	30	1543.5	0.2	2.5	8.170	28.00	1	1500	1	2.5	0.25	0.110	0.5	0.25	43.0	13.0	120.0	23.0	393	336	0.7	2.740	3.0	0.5	2.5	3.91	23.00	0.140	31.740	0.300	60.0
C-057	RMY-81-24	-625	30	1540.5	0.4	2.5	8.660	33.00	3	970	1	2.5	0.25	0.200	0.5	0.70	48.0	12.0	120.0	22.0	316	340	1.0	2.780	4.0	0.5	2.5	4.62	24.00	0.220	31.930	0.380	59.0
C-058	RMY-81-24	-625	30	1537.5	0.2	2.5	8.980	29.00	1	930	1	2.5	0.25	0.190	0.5	0.25	40.0	13.0	110.0	17.0	449	440	1.0	2.680	4.0	0.5	2.5	4.60	19.00	0.220	32.040	0.350	81.0
C-059	RMY-81-24	-625	30	1534.5	0.2	2.5	9.710	40.00	1	1800	2	2.5	0.25	0.240	0.5	0.25	44.0	18.0	110.0	20.0	667	640	1.2	3.110	4.0	0.5	2.5	5.31	24.00	0.200	32.420	0.330	77.0
C-060	RMY-81-24	-625	30	1531.5	0.2	2.5	9.390	31.00	1	1300	1	2.5	0.25	0.210	0.5	0.25	64.0	11.0	83.0	26.0	428	660	1.4	2.020	4.0	0.5	2.5	5.18	35.00	0.260	32.960	0.320	31.0
C-143	RMY-81-24	-625	30	1282.5	1.1	2.5	6.410	12.00	1	2100	1	2.5	0.25	1.550	2.0	5.60	42.0	3.0	150.0	7.0	34	48	0.9	1.520	1.0	0.5	2.5	5.89	24.00	0.220	27.730	0.390	106.0
C-146	RMY-81-24	-625	30	1273.5	0.5	2.5	6.620	4.90	1	2100	1	2.5	0.25	1.850	2.0	0.80	44.0	3.0	180.0	5.0	17	20	0.8	1.060	3.0	2.0	2.5	5.88	24.00	0.240	26.040	0.480	144.0
C-149	RMY-81-24	-625	30	1264.5	0.5	2.5	5.990	3.90	1	2000	1	2.5	0.25	1.840	2.0	0.90	49.0	7.0	210.0	8.0	49	48	1.0	1.340	4.0	0.5	2.5	5.25	27.00	0.270	27.010	0.680	177.0
C-152	RMY-81-24	-625	30	1255.5	0.2	2.5	5.560	2.90	1	1800	1	2.5	0.25	3.270	3.0	0.25	46.0	6.0	220.0	14.0	16	12	1.1	1.470	4.0	0.5	2.5	4.06	26.00	0.360	26.590	0.650	251.0
C-155	RMY-81-24	-625	30	1246.5	0.2	2.5	6.170	3.90	1	2200	1	2.5	0.25	2.140	2.0	0.25	44.0	7.0	170.0	10.0	14	16	1.0	1.240	2.0	0.5	2.5	3.92	26.00	0.270	27.080	0.490	174.0
C-158	RMY-81-24	-625	30	1237.5	0.6	2.5	7.690	3.80	4	2200	1	18.0	0.25	1.870	2.0	1.10	41.0	7.0	150.0	5.0	23	24	1.1	1.600	4.0	0.5	2.5	4.77	21.00	0.390	27.320	0.600	176.0
C-161	RMY-81-24	-625	30	1228.5	0.4	2.5	6.110	1.60	4	2400	1	2.5	0.25	0.980	2.0	0.25	39.0	4.0	190.0	3.0	9	8	0.9	0.940	3.0	0.5	2.5	5.15	24.00	0.230	27.290	0.540	143.0
C-164	RMY-81-24	-625	30	1219.5	0.2	2.5	6.210	1.90	1	2600	1	2.5	0.25	1.180	0.5	0.25	43.0	3.0	160.0	2.0	8	8	1.1	0.850	3.0	0.5	2.5	5.21	25.00	0.190	29.880	0.720	134.0
C-167	RMY-81-24	-625	30	1210.5	0.5	2.5	6.240	2.70	1	2500	1	2.5	0.25	1.360	0.5	0.80	28.0	2.0	190.0	7.0	10	12	1.0	1.320	3.0	0.5	2.5	5.34	17.00	0.300	24.700	0.280	197.0
C-170	RMY-81-24	-625	30	1201.5	1.7	2.5	6.580	1.70	1	2100	1	2.5	0.25	1.190	0.5	0.80	40.0	3.0	150.0	3.0	18	16	1.0	0.880	3.0	0.5	2.5	5.31	22.00	0.280	28.090	0.570	140.0
C-173	RMY-81-24	-625	30	1192.5	0.6	2.5	6.840	2.30	1	2200	1	2.5	0.25	2.420	2.0	0.25	72.0	5.0	180.0	9.0	39	32	1.3	1.480	4.0	0.5	2.5	4.89	41.00	0.480	26.490	0.660	206.0
C-176	RMY-81-24	-625	30	1183.5	0.2	2.5	6.800	2.00	1	2200	1	2.5	0.25	1.560	2.0	0.25	45.0	6.0	150.0	3.0	21	24	1.1	1.300	3.0	0.5	2.5	4.81	25.00	0.280	29.180	0.870	194.0
C-179	RMY-81-24	-625	30	1174.5	0.4	2.5	6.230	1.60	1	2400	1	2.5	0.25	1.580	1.0	0.25	40.0	3.0	150.0	4.0	13	16	1.0	1.050	4.0	0.5	2.5	5.08	23.00	0.230	28.170	0.530	161.0
C-182	RMY-81-24	-625	30	1165.5	1.0	2.5	6.470	6.40	1	2500	1	2.5	0.25	2.610	2.0	0.25	51.0	4.0	180.0	14.0	38	36	1.1	1.100	4.0	0.5	2.5	4.57	26.00	0.290	24.860	0.660	185.0
C-185	RMY-81-24	-625	30	1156.5	0.2	2.5	6.640	2.00	1	2200	1	2.5	0.25	1.510	2.0	0.25	50.0	4.0	160.0	3.0	41	36	1.0	1.220	4.0	0.5	2.5	4.58	29.00	0.230	29.540	0.770	182.0
C-188	RMY-81-24	-625	30	1147.5	0.2	2.5	7.560	1.40	1	2500	1	2.5	0.25	1.270	2.0	0.70	32.0	2.0	160.0	5.0	7	12	0.9	0.570	4.0	0.5	2.5	6.62	18.00	0.280	26.690	0.210	66.0
C-191	RMY-81-24	-625	30	1138.5	0.2	2.5	8.340	2.90	1	2400	1	2.5	0.25	1.620	2.0	0.90	43.0	3.0	130.0	5.0	28	28	1.2	1.080	4.0	0.5	2.5	6.23	25.00	0.440	28.770	0.550	144.0
C-194	RMY-81-24	-625	30	1129.5	0.2	2.5	6.520	1.20	3	2700	1	2.5	0.25	1.290	1.0	1.20	49.0	2.0	160.0	5.0	9	12	1.0	0.830	4.0	0.5	2.5	6.34	26.00	0.280	27.060	0.330	85.0
C-197	RMY-81-24	-625	30	1120.5	0.5	2.5	6.200	1.90	1	2300	1	2.5	0.25	1.570	0.5	1.30	35.0	2.0	170.0	6.0	19	20	0.9	1.310	3.0	0.5	2.5	5.07	21.00	0.320	25.910	0.290	85.0
C-200	RMY-81-24	-625	30	1111.5	1.6	2.5	6.130	2.00	1	2600	1	2.5	0.25	1.680	1.0	2.50	39.0	3.0	150.0	5.0	41	48	1.0	1.000	1.0	0.5	2.5	5.22	22.00	0.240	27.890	0.540	131.0
C-203	RMY-81-24	-625	30	1102.5	0.8	2.5	5.870	8.60	1	2200	1	2.5	0.25	1.330	0.5	2.40	39.0	2.0	160.0	6.0	30	36	0.9	1.330	3.0	0.5	2.5	5.37	21.00	0.280	25.300	0.370	90.0
C-206	RMY-81-24	-625	30	1093.5	0.5	2.5	4.820	2.20	1	1200	1	2.5	0.25	2.520	3.0	1.50	37.0	4.0	240.0	7.0	23	28	0.9	1.540	5.0	0.5	2.5	3.61	19.00	0.280	26.380	0.660	185.0
C-209	RMY-81-24	-625	30	1084.5	0.6	2.5	6.980	1.30	1	2400	1	2.5	0.25	1.830	3.0	4.10	38.0	2.0	160.0	3.0	36	28	1.0	1.000	4.0	0.5	2.5	5.83	20.00	0.310	26.810	0.310	86.0
C-212	RMY-81-24	-625	30	1075.5	0.2	2.5	7.370	2.90	1	2100	1	2.5	0.25	2.490	3.0	1.00	51.0	2.0	130.0	9.0	38	44	1.0	1.440	4.0	0.5	2.5	5.35	26.00	0.310	27.190	0.270	104.0
C-215	RMY-81-24	-625	30	1066.5	6.2	6.0	8.120	18.00	2	2700	1	21.0	0.25	1.160	1.0	4.10	37.0	2.0	170.0	3.0	192	280	1.3	1.410	4.0	0.5	2.5	6.97	16.00	0.300	26.130	0.240	75.0
C-218	RMY-81-24	-625	30	1057.5	0.2	2.5	6.530	1.70	1	2400	1	2.5	0.25	1.300	2.0	1.20	31.0	3.0	160.0	4.0	11	12	0.9	1.930	2.0	0.5	2.5	5.15	17.00	0.190	27.580	0.400	132.0
C-221	RMY-81-24	-625	30	1048.5	0.6	2.5	6.240	1.40	1	2200	1	2.5	0.25	1.390	0.5	4.30	29.0	2.0	210.0	4.0	17	16	0.9	1.990	3.0	0.5	2.5	4.90	14.00	0.230	24.620	0.320	110.0
C-224	RMY-81-24	-625	30	1039.5	0.6	2.5	6.910	1.60	2	2200	1	2.5	0.25	1.470	2.0	1.00	43.0	3.0	140.0	6.0	21	20	1.0	2.030	3.0	0.5	2.5	5.65	24.00	0.250	26.250	0.420	141.0
C-227	RMY-81-24	-625	30	1030.5	0.9	2.5	6.270	2.50	3	2100	1	2.5	0.25	3.600	3.0	1.70	34.0	3.0	210.0	7.0	14	24	0.9	1.420	3.0	0.5	2.5	4.72	18.00	0.250	24.780	0.330	197.0
C-230	RMY-81-24	-625	30	1021.5	1.0	2.5	5.810	1.30	1	2500	1	2.5	0.25	1.230	1.0	2.20	36.0	2.0	200.0	4.0	8	12	1.1	1.440	3.0	0.5	2.5	5.40	17.00	0.310	26.520	0.210	113.0
C-233	RMY-81-24	-625	30	1012.5	0.5	2.5	5.590	2.50	1	1600	1	2.5	0.25	1.310	2.0	1.50	42.0	8.0	220.0	5.0	46	44	1.0	2.780	3.0	0.5	2.5	4.18	22.00	0.340	26.600	0.700	236.0
C-236	RMY-81-24	-625	30	1003.5	0.2	2.5	6.380	0.25	1	1900	1	2.5	0.25	1.380	0.5	1.20	48.0	0.5	180.0	4.0	9	16	1.2	0.600	1.0	0.5	2.5	4.52	24.00	0.330	27.440	0.250	110.0
C-239	RMY-81-24	-625	30	994.5	2.3	2.5	6.520	1.90	1	2800	1	6.0	0.25	2.970	3.0	1.60	35.0	2.0	230.0	10.0	18	20	1.0	1.580	4.0	0.5	2.5	5.01	16.00	0.250	23.360	0.240	193.0
C-242	RMY-81-24	-625	30	985.9	0.7	2.5	6.600	1.10	1	1900	1	2.5	0.25	1.460	0.5	1.40	40.0	3.0	170.0	3.0	18	20	0.8	1.400	1.0	0.5	2.5	5.16	24.00	0.180	35.650	0.460	179.0
C-667	RMY-81-24	-625	30	976.5	0.2	2.5	6.710	1.40	2	2900	1	2.5	0.25	1.250	0.5	0.25	36.0	3.0	220.0	4.0	12	18	1.0	1.340	2.0	0.5	2.5	4.95	19.00	0.260	26.030	0.580	170.0
C-670	RMY-81-24	-625	30	967.5	0.2	2.5	6.410	1.50	1	2300	1	2.5	0.25	2.460	2.0	3.30	33.0	6.0	270.0	5.0	18	30	1.1	2.230	4.0	0.5	2.5	4.97	15.00	0.320	24.920	0.680	262.0
C-673	RMY-81-24	-625	30	958.5	0.2	2.5	6.200	0.90	1	2700	1	2.5	0.25	1.330	0.5	0.25	33.0	2.0	220.0	4.0	9	12	1.0	1.120	3.0	0.5	2.5	4.59	18.00	0.200	24.520	0.410	153.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
C-676	RMY-81-24	-625	30	949.5	0.2	2.5	6.290	0.60	1	2100	1	2.5	0.25	1.620	2.0	0.80	31.0	2.0	200.0	5.0	14	22	0.9	1.560	2.0	0.5	2.5	4.63	17.00	0.270	25.520	0.380	153.0
C-679	RMY-81-24	-625	30	940.5	0.2	2.5	5.810	0.25	1	1900	1	2.5	0.25	1.080	0.5	0.80	38.0	4.0	300.0	4.0	13	26	0.9	1.820	3.0	0.5	2.5	4.75	18.00	0.430	25.460	0.910	210.0
C-682	RMY-81-24	-625	30	931.5	0.2	2.5	6.430	0.70	1	2500	1	2.5	0.25	0.950	1.0	0.60	26.0	2.0	180.0	2.0	7	12	0.9	0.770	3.0	0.5	2.5	4.82	12.00	0.360	27.510	0.430	123.0
C-685	RMY-81-24	-625	30	922.5	0.2	2.5	7.590	2.30	1	1900	1	2.5	0.25	3.040	3.0	0.50	50.0	6.0	290.0	5.0	23	24	1.2	2.790	4.0	0.5	2.5	5.27	26.00	0.450	26.900	1.080	353.0
C-688	RMY-81-24	-625	30	913.5	0.2	2.5	6.770	1.00	5	2100	1	2.5	0.25	1.420	2.0	0.60	40.0	3.0	250.0	3.0	15	16	1.1	1.190	1.0	0.5	2.5	5.46	18.00	0.470	26.780	0.740	218.0
C-691	RMY-81-24	-625	30	904.5	0.2	2.5	4.960	1.30	1	1400	1	2.5	0.25	0.800	0.5	0.50	28.0	5.0	310.0	2.0	35	40	0.7	1.740	3.0	0.5	2.5	4.18	15.00	0.300	26.390	0.990	248.0
C-694	RMY-81-24	-625	30	895.5	0.2	2.5	5.110	1.70	1	1300	1	2.5	0.25	2.180	2.0	0.25	31.0	3.0	300.0	4.0	26	28	0.8	1.730	3.0	0.5	2.5	3.61	17.00	0.250	27.910	0.550	223.0
C-697	RMY-81-24	-625	30	886.5	0.2	2.5	6.800	0.25	1	2300	1	2.5	0.25	0.760	0.5	0.50	65.0	3.0	270.0	2.0	15	88	1.3	1.130	2.0	0.5	2.5	6.20	36.00	0.490	27.790	0.980	211.0
C-700	RMY-81-24	-625	30	877.5	0.2	2.5	5.740	1.10	1	2300	1	2.5	0.25	2.040	2.0	0.25	32.0	2.0	230.0	2.0	17	16	0.8	0.950	3.0	0.5	2.5	4.03	20.00	0.120	29.120	0.480	142.0
C-703	RMY-81-24	-625	30	868.5	0.2	2.5	6.230	0.25	1	2100	1	2.5	0.25	1.400	2.0	0.70	45.0	4.0	290.0	3.0	23	28	1.1	1.580	4.0	0.5	2.5	4.35	25.00	0.330	26.380	1.030	249.0
C-704	RMY-81-24	-625	30	865.5	0.2	2.5	5.900	1.60	1	3000	1	2.5	0.25	1.390	0.5	0.25	44.0	3.0	270.0	3.0	10	12	0.9	1.100	3.0	0.5	2.5	5.01	19.00	0.240	25.810	0.740	179.0
C-705	RMY-81-24	-625	30	862.5	0.2	2.5	6.010	0.25	1	2100	1	2.5	0.25	1.600	2.0	0.25	24.0	2.0	230.0	3.0	9	12	0.8	1.410	3.0	0.5	2.5	4.14	12.00	0.240	28.330	0.770	202.0
C-706	RMY-81-24	-625	30	859.5	0.2	2.5	6.210	0.25	1	1900	1	2.5	0.25	1.650	0.5	0.25	46.0	4.0	210.0	3.0	30	34	1.0	1.750	4.0	0.5	2.5	3.66	25.00	0.270	28.150	1.180	257.0
C-707	RMY-81-24	-625	30	856.5	0.2	2.5	7.210	0.25	1	2700	1	2.5	0.25	1.430	0.5	0.70	28.0	3.0	210.0	4.0	11	16	1.0	1.230	4.0	0.5	2.5	4.80	13.00	0.240	27.480	0.930	215.0
C-708	RMY-81-24	-625	30	853.5	0.2	2.5	6.570	3.10	4	3100	1	2.5	0.25	2.500	2.0	0.80	27.0	3.0	160.0	5.0	11	12	0.9	1.610	3.0	0.5	2.5	5.69	13.00	0.350	33.650	0.600	235.0
C-709	RMY-81-24	-625	30	850.5	0.2	2.5	5.650	1.90	6	2100	1	2.5	0.25	1.890	2.0	0.25	26.0	3.0	220.0	6.0	14	16	0.7	1.400	3.0	0.5	2.5	4.29	14.00	0.240	24.660	0.450	186.0
C-710	RMY-81-24	-625	30	847.5	0.2	2.5	6.240	9.00	1	2700	1	2.5	0.25	2.410	0.5	0.25	20.0	4.0	240.0	9.0	22	24	0.7	1.320	3.0	0.5	2.5	4.60	11.00	0.240	23.610	0.430	208.0
C-711	RMY-81-24	-625	30	844.5	0.2	2.5	6.910	5.60	8	2000	1	2.5	0.25	2.220	2.0	0.25	23.0	5.0	190.0	12.0	57	58	0.8	1.410	4.0	0.5	2.5	4.29	11.00	0.280	24.790	0.530	195.0
C-712	RMY-81-24	-625	30	841.5	0.2	2.5	5.720	12.00	4	1500	1	2.5	0.25	4.440	3.0	0.50	27.0	7.0	180.0	11.0	63	92	1.1	2.120	3.0	0.5	2.5	3.67	11.00	0.190	23.770	1.570	726.0
C-713	RMY-81-24	-625	30	838.5	0.2	2.5	3.150	10.00	1	1100	1	2.5	0.25	9.590	9.0	0.25	30.0	9.0	110.0	6.0	7	12	2.1	3.390	2.0	0.5	2.5	2.20	16.00	0.360	30.230	4.890	3564.0
C-714	RMY-81-24	-625	30	835.5	0.2	2.5	6.380	6.30	3	3300	1	2.5	0.25	2.150	3.0	0.50	29.0	3.0	240.0	11.0	8	10	1.1	1.440	4.0	0.5	2.5	4.79	15.00	0.230	23.700	0.700	278.0
C-715	RMY-81-24	-625	30	832.5	0.2	2.5	6.200	2.70	1	3300	1	2.5	0.25	1.860	2.0	0.25	18.0	5.0	250.0	8.0	6	8	0.8	1.570	3.0	0.5	2.5	4.82	7.20	0.200	24.910	0.480	218.0
C-716	RMY-81-24	-625	30	829.5	0.2	2.5	6.260	2.80	1	1700	1	2.5	0.25	2.090	1.0	0.25	50.0	5.0	280.0	8.0	23	28	0.9	1.710	2.0	0.5	2.5	4.38	29.00	0.330	26.220	1.130	280.0
C-717	RMY-81-24	-625	30	826.5	0.2	2.5	5.600	2.60	6	1700	1	2.5	0.25	1.600	0.5	0.25	31.0	5.0	310.0	7.0	25	26	0.7	1.730	4.0	0.5	2.5	3.90	17.00	0.300	25.090	1.010	240.0
C-718	RMY-81-24	-625	30	823.5	0.2	2.5	5.940	2.80	1	1700	1	2.5	0.25	1.730	2.0	0.25	42.0	5.0	300.0	7.0	25	32	0.9	1.810	2.0	0.5	2.5	4.19	22.00	0.300	26.480	1.110	261.0
C-719	RMY-81-24	-625	30	820.5	0.2	2.5	6.660	1.80	1	1800	1	2.5	0.25	1.530	2.0	0.25	49.0	5.0	330.0	7.0	25	30	1.0	2.030	4.0	0.5	2.5	4.35	26.00	0.360	26.290	1.080	260.0
C-720	RMY-81-24	-625	30	817.5	0.2	2.5	6.420	5.40	1	1100	1	2.5	0.25	1.730	0.5	0.50	39.0	22.0	340.0	5.0	141	132	1.2	3.970	3.0	0.5	2.5	2.96	20.00	0.410	25.790	1.260	304.0
C-721	RMY-81-24	-625	30	814.5	0.2	2.5	4.360	2.00	1	1900	1	2.5	0.25	1.020	0.5	0.25	26.0	7.0	310.0	3.0	37	42	0.7	1.630	2.0	0.5	2.5	2.70	12.00	0.270	28.270	0.810	207.0
C-722	RMY-81-24	-625	30	811.5	0.2	2.5	4.550	2.90	7	1100	1	2.5	0.25	1.660	2.0	0.25	32.0	13.0	290.0	4.0	99	96	0.6	2.540	2.0	0.5	2.5	1.77	18.00	0.430	28.570	0.890	249.0
C-723	RMY-81-24	-625	30	808.5	0.2	2.5	8.290	3.20	1	3000	1	2.5	0.25	1.530	3.0	0.25	35.0	10.0	390.0	7.0	57	60	0.9	2.680	4.0	0.5	2.5	4.47	21.00	0.430	25.630	1.550	307.0
C-724	RMY-81-24	-625	30	805.5	0.2	2.5	6.410	3.30	1	2300	1	2.5	0.25	1.660	0.5	0.25	38.0	11.0	440.0	6.0	60	64	0.7	2.940	3.0	0.5	2.5	3.29	21.00	0.440	24.850	1.390	311.0
C-725	RMY-81-24	-625	30	802.5	0.2	2.5	3.960	3.80	1	1300	1	2.5	0.25	1.310	0.5	0.25	29.0	8.0	290.0	4.0	49	52	0.6	1.950	2.0	0.5	2.5	2.13	14.00	0.310	26.820	0.610	184.0
C-726	RMY-81-24	-625	30	799.5	0.2	2.5	4.880	0.25	1	820	1	2.5	0.25	1.360	2.0	0.25	21.0	9.0	250.0	5.0	68	74	0.6	2.110	2.0	0.5	2.5	2.44	9.80	0.310	27.550	0.660	188.0
C-727	RMY-81-24	-625	30	796.5	0.2	2.5	4.310	4.00	1	940	1	2.5	0.25	1.510	2.0	0.25	22.0	8.0	170.0	5.0	17	22	0.5	2.090	2.0	0.5	2.5	2.44	10.00	0.280	28.450	0.430	190.0
C-728	RMY-81-24	-625	30	793.5	0.2	2.5	4.750	5.00	5	1800	1	2.5	0.25	2.180	2.0	0.25	16.0	8.0	170.0	8.0	39	38	0.5	1.680	2.0	0.5	2.5	3.02	8.70	0.230	27.980	0.550	262.0
C-729	RMY-81-24	-625	30	790.5	0.2	2.5	5.800	7.40	3	1900	1	2.5	0.25	2.180	2.0	0.25	41.0	5.0	300.0	9.0	20	18	0.8	1.590	3.0	0.5	2.5	3.77	22.00	0.330	24.840	0.760	251.0
C-730	RMY-81-24	-625	30	787.5	0.2	2.5	8.300	2.70	1	2100	1	2.5	0.25	1.530	1.0	0.25	56.0	5.0	310.0	8.0	23	26	1.2	1.870	4.0	0.5	2.5	5.09	30.00	0.440	24.910	1.050	258.0
C-731	RMY-81-24	-625	30	784.5	0.2	2.5	8.100	5.10	1	1100	1	2.5	0.25	2.210	0.5	0.25	52.0	25.0	280.0	5.0	133	192	1.2	3.590	4.0	0.5	2.5	2.98	27.00	0.380	25.260	1.210	303.0
C-732	RMY-81-24	-625	30	781.5	0.2	2.5	8.250	3.30	1	860	1	2.5	0.25	2.000	3.0	0.25	52.0	19.0	240.0	3.0	193	140	1.2	2.990	4.0	0.5	2.5	2.74	27.00	0.380	28.760	1.210	303.0
C-733	RMY-81-24	-625	30	778.5	0.2	2.5	8.570	1.80	1	1900	1	2.5	0.25	1.880	0.5	0.25	53.0	6.0	290.0	7.0	22	22	1.2	2.000	5.0	0.5	2.5	4.39	29.00	0.380	25.230	1.250	264.0
C-734	RMY-81-24	-625	30	775.5	0.2	2.5	8.000	1.80	4	2100	1	2.5	0.25	1.570	0.5	0.25	44.0	5.0	310.0	5.0	19	24	1.1	1.910	4.0	0.5	2.5	4.36	23.00	0.400	25.770	1.290	255.0
C-735	RMY-81-24	-625	30	772.5	0.2	2.5	7.820	1.60	1	1600	1	2.5	0.25	1.660	0.5	0.25	69.0	7.0	290.0	5.0	16	28	1.0	1.560	2.0	0.5	2.5	3.61	42.00	0.340	27.000	1.120	248.0
C-736	RMY-81-24	-625	30	769.5	0.2	2.5	7.230	9.50	8	1600	1	2.5	0.25	1.930	2.0	0.25	60.0	7.0	310.0	11.0	27	30	1.2	2.120	4.0	0.5	2.5	4.36	32.00	0.390	23.890	1.300	332.0
C-737	RMY-81-24	-625	30	766.5	0.2	2.5	8.660	2.10	1	1600	2	2.5	0.25	1.670	2.0	0.50	61.0	7.0	280.0	5.0	16	18	1.1	1.770	4.0	0.5	2.5	4.81	33.00	0.420	26.060	1.340	290.0
C-738	RMY-81-24	-625	30	763.5	0.2	2.5	6.410	3.00	1	1400	1	2.5	0.25	2.050	0.5	0.25	46.0	5.0	300.0	6.0	16	24	1.0	1.700	3.0	0.5	2.5	3.40	23.00	0.330	27.420	1.040	238.0
C-739	RMY-81-24	-625	30	760.5	0.2	2.5	6.380	6.40	1	2000	1	2.5	0.25	2.050	0.5	0.25	39.0	6.0	310.0	7.0	20	26	0.8	1.670	4.0	0.5	2.5	3.39	21.00	0.370	25.190	1.060	239.0
C-740	RMY-81-24	-625	30	757.5	0.2	2.5	7.000	9.50	1	1200	1	2.5	0.25	3.220	3.0	0.50	41.0	5.0	290.0	7.0	22	28	1.0	1.970	4.0	0.5	2.5	2.97	21.00	0.360	26.110	1.000	281.0
C-741	RMY-81-24	-625	30	754.5	0.2	2.5	7.830	6.40	1	1300	1	2.5	0.25	2.390	2.0	0.25	49.0	6.0	260.0	6.0	27	26	0.9	1.400	4.0	0.5	2.5	3.30	24.00	0.320	27.700	1.230	449.0
C-742	RMY-81-24	-625	30	751.5	0.2	2.5	4.840	1.80	5	1800	1	2.5	0.25	1.010	0.5	0.25	33.0	3.0	320.0	3.0	12	14	0.5	1.090	1.0	0.5	2.5	2.83	18.00	0.240	26.910	0.750	133.0
C-743	RMY-81-24	-625	30	748.5	0.2	2.5	6.360	2.10	1	1500	1	2.5	0.25	1.660	1.0	0.50	30.0	6.0	300.0	4.0	25	28	0.8	1.660	4.0	0.5	2.5	3.23	15.00	0.300	27.910	1.200	232.0
C-744	RMY-81-24	-625	30	745.5	0.4	2.5	6.140	2.00	1	1600	1	2.5	0.25	1.680	0.5	0.25	26.0	5.0	240.0	3.0	29	36	0.9	1.690	4.0	0.5	2.5	3.39	13.00	0.330	30.870	1.150	253.0
C-745	RMY-81-24	-625	30	742.5	0.4	2.5	8.630	1.90	1	1500	1	2.5	0.25	1.880	0.5	0.70	35.0	7.0	220.0	4.0	39	46	1.2	1.940	4.0	0.5	2.5	3.93	17.00	0.480	28.080	1.200	278.0
C-746	RMY-81-24	-625	30	739.5	0.2	2.5	8.270	2.20	1	1700	1	2.5	0.25	1.610	2.0	0.25	47.0	6.0	270.0	5.0	49	70	1.1	1.730	4.0	0.5	2.5	4.29	25.00	0.380	27.730	1.260	275.0
C-747	RMY-81-24	-625	30	736.5	0.4	2.5	8.710	3.00	1	1300	1	2.5	0.25	2.410	2.0	0.25	54.0	17.0	240.0	4.0	108	110	1.2	2.720	4.0	0.5	2.5	3.26	28.00	0.360	30.820	1.220	274.0
C-748	RMY-81-24	-625	30	733.5	0.2	2.5	6.530	3.70	1	1300	1	2.5	0.25	2.280	2.0	0.25	42.0	15.0	270.0	5.0	92	90	1.0	2.630	4.0	0.5	2.5	2.76	23.00	0.250	26.710	1.010	239.0
C-749	RMY-81-24	-625	30	730.5	0.2	2.5	8.480	2.70	9	1400	1	2.5	0.25	2.130	1.0	0.25	51.0	12.0	270.0	5.0	62	68	0.9	2.300	4.0	0.5	2.5	3.09	26.00	0.390	28.290	1.510	265.0

Sample	DDH #	Grid East	Grid North	Smp. Elev.	Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5
					ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP
C-750	RMY-81-24	-625	30	727.5	0.2	2.5	8.650	2.10	5	1600	1	2.5	0.25	2.150	2.0	0.25
C-751	RMY-81-24	-625	30	724.5	0.2	2.5	7.690	2.90	6	1400	1	2.5	0.25	1.690	0.5	0.70
C-752	RMY-81-24	-625	30	721.3	0.2	2.5	8.350	3.50	1	1800	1	2.5	0.25	2.670	3.0	0.25
W-003	RMY-82-27	-536	5	1617.5	1.4	2.5	8.180	42.00	1	2200	1	2.5	0.25	0.030	0.5	0.25
W-006	RMY-82-27	-536	5	1608.5	1.3	2.5	7.800	40.00	1	2300	1	2.5	0.25	0.030	0.5	0.25
W-009	RMY-82-27	-536	5	1599.5	6.4	6.0	7.300	73.00	3	840	1	2.5	0.25	0.260	0.5	0.25
W-012	RMY-82-27	-536	5	1590.5	0.7	2.5	10.300	16.00	1	2100	1	2.5	0.25	0.070	0.5	0.70
W-015	RMY-82-27	-536	5	1581.5	0.9	2.5	9.300	5.50	1	2000	1	2.5	0.25	0.850	0.5	2.50
W-018	RMY-82-27	-536	5	1572.5	1.0	2.5	8.800	17.00	4	1800	1	2.5	0.25	0.990	0.5	0.90
W-021	RMY-82-27	-536	5	1563.5	6.1	6.0	8.790	31.00	3	2200	1	2.5	0.25	0.590	0.5	6.90
W-024	RMY-82-27	-536	5	1554.5	0.5	2.5	7.430	11.00	1	1100	1	2.5	0.25	1.020	1.0	1.10
W-027	RMY-82-27	-536	5	1545.5	1.0	2.5	6.800	18.00	2	1500	1	2.5	0.25	1.010	0.5	0.90
W-030	RMY-82-27	-536	5	1536.5	0.7	2.5	6.410	36.00	1	1900	1	2.5	0.25	0.770	0.5	1.00
W-033	RMY-82-27	-536	5	1527.5	1.3	2.5	6.870	32.00	3	1800	1	2.5	0.25	0.610	0.5	3.00
W-036	RMY-82-27	-536	5	1518.5	0.2	2.5	8.390	2.80	1	1800	1	2.5	0.25	2.050	1.0	0.25
W-039	RMY-82-27	-536	5	1509.5	0.6	2.5	8.660	14.00	1	2100	1	2.5	0.25	2.570	2.0	0.70
W-042	RMY-82-27	-536	5	1500.5	2.6	2.5	8.230	60.00	5	1200	2	2.5	0.25	1.580	1.0	7.70
W-045	RMY-82-27	-536	5	1491.5	0.5	2.5	7.380	7.90	2	820	2	2.5	0.25	1.480	1.0	0.25
W-048	RMY-82-27	-536	5	1482.5	0.6	2.5	7.410	18.00	1	720	2	2.5	0.25	2.010	2.0	0.60
W-051	RMY-82-27	-536	5	1475.5	0.2	2.5	8.380	10.00	5	1100	2	2.5	0.25	1.570	0.5	0.70
W-054	RMY-82-27	-536	5	1466.5	0.4	2.5	8.480	12.00	1	1200	2	2.5	0.25	2.030	0.5	0.70
W-057	RMY-82-27	-536	5	1455.5	1.4	2.5	6.860	66.00	1	1100	1	2.5	0.25	1.060	0.5	2.10
W-060	RMY-82-27	-536	5	1446.5	0.2	2.5	7.940	8.90	4	1700	1	2.5	0.25	1.950	0.5	1.10
W-063	RMY-82-27	-536	5	1437.5	0.4	2.5	7.440	7.20	7	1900	1	2.5	0.25	2.450	2.0	1.30
W-066	RMY-82-27	-536	5	1428.5	0.2	2.5	6.570	9.10	1	1900	1	2.5	0.25	1.670	2.0	0.90
W-095	RMY-82-27	-536	5	1341.5	0.2	2.5	6.790	11.00	1	1300	1	2.5	0.25	1.150	0.5	0.25
W-098	RMY-82-27	-536	5	1332.5	0.2	2.5	7.950	3.60	3	2500	1	2.5	0.25	1.110	0.5	0.25
W-101	RMY-82-27	-536	5	1323.5	0.2	2.5	8.660	4.00	1	2500	1	2.5	0.25	1.020	0.5	0.25
W-104	RMY-82-27	-536	5	1314.5	0.2	2.5	8.540	6.30	1	2200	1	11.0	0.25	1.240	0.5	0.25
W-107	RMY-82-27	-536	5	1305.5	0.2	2.5	6.940	3.80	3	2200	1	2.5	0.25	0.830	0.5	0.50
W-110	RMY-82-27	-536	5	1296.5	0.2	2.5	6.280	2.10	1	1800	1	2.5	0.25	0.790	0.5	0.60
W-113	RMY-82-27	-536	5	1287.5	0.6	2.5	6.450	2.90	1	2000	1	34.0	0.25	1.040	0.5	0.80
W-116	RMY-82-27	-536	5	1278.5	0.2	2.5	6.370	3.80	1	2200	1	2.5	0.25	0.910	0.5	0.25
W-119	RMY-82-27	-536	5	1269.5	0.2	2.5	6.410	2.30	1	1600	1	2.5	0.25	1.010	0.5	0.25
W-122	RMY-82-27	-536	5	1260.5	1.4	2.5	6.560	3.40	1	2000	1	2.5	0.25	1.090	1.0	1.30
W-125	RMY-82-27	-536	5	1251.5	2.1	2.5	6.640	4.70	8	1400	1	33.0	0.25	0.810	0.5	3.20
W-128	RMY-82-27	-536	5	1242.5	1.3	2.5	6.550	2.40	1	1800	1	11.0	0.25	0.970	0.5	1.60
W-131	RMY-82-27	-536	5	1233.5	1.2	2.5	7.230	1.70	1	1600	1	2.5	0.25	0.970	0.5	3.10
W-134	RMY-82-27	-536	5	1224.5	2.9	2.5	6.510	4.60	1	1600	1	7.0	0.25	1.110	0.5	2.90
W-137	RMY-82-27	-536	5	1215.5	0.5	2.5	6.900	2.60	1	2000	1	12.0	0.25	1.420	0.5	1.40
W-140	RMY-82-27	-536	5	1206.5	10.4	15.0	6.590	2.40	1	1900	1	26.0	0.25	1.140	1.0	1.20
W-143	RMY-82-27	-536	5	1197.5	0.2	2.5	7.000	3.60	4	1900	1	2.5	0.25	1.320	0.5	0.25
W-146	RMY-82-27	-536	5	1188.5	0.2	2.5	6.710	6.90	2	2100	1	2.5	0.25	1.330	0.5	0.25
W-149	RMY-82-27	-536	5	1179.5	0.2	2.5	6.540	4.80	6	2200	1	2.5	0.25	0.990	1.0	0.25
W-152	RMY-82-27	-536	5	1170.5	0.2	2.5	6.120	4.00	1	2400	1	2.5	0.25	1.010	2.0	0.25
W-155	RMY-82-27	-536	5	1161.5	0.2	2.5	5.930	2.60	1	2000	1	2.5	0.25	1.100	2.0	0.25
W-158	RMY-82-27	-536	5	1152.5	0.2	2.5	6.370	1.80	7	2600	1	2.5	0.25	1.000	0.5	0.80
W-161	RMY-82-27	-536	5	1143.5	0.2	2.5	7.120	4.90	1	1700	1	2.5	0.25	1.850	0.5	0.25
W-164	RMY-82-27	-536	5	1134.5	0.4	2.5	7.150	4.00	1	1900	1	2.5	0.25	1.670	2.0	2.80
W-167	RMY-82-27	-536	5	1125.5	0.5	2.5	6.930	2.30	1	1600	1	2.5	0.25	1.510	0.5	1.10
W-170	RMY-82-27	-536	5	1116.5	0.2	2.5	6.770	1.40	6	2300	1	2.5	0.25	1.170	2.0	1.20
W-173	RMY-82-27	-536	5	1107.5	0.2	2.5	6.930	1.80	1	2300	1	2.5	0.25	1.050	1.0	0.90
W-176	RMY-82-27	-536	5	1098.5	0.4	2.5	6.800	1.90	1	2000	1	2.5	0.25	1.070	2.0	3.10
W-179	RMY-82-27	-536	5	1089.5	0.2	2.5	7.140	1.30	1	2500	1	2.5	0.25	1.050	0.5	0.60
W-182	RMY-82-27	-536	5	1080.5	0.2	2.5	8.500	1.40	1	1100	2	2.5	0.25	2.000	2.0	0.80
W-185	RMY-82-27	-536	5	1071.5	0.7	2.5	7.760	2.40	1	2500	1	2.5	0.25	1.070	0.5	2.30

Sample	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
C-750	37.0	9.0	240.0	7.0	46	52	1.2	2.030	4.0	0.5	2.5	3.73	20.00	0.450	27.700	1.230	259.0
C-751	61.0	11.0	280.0	10.0	96	102	0.9	2.150	4.0	0.5	2.5	3.39	35.00	0.380	23.880	1.000	174.0
C-752	42.0	5.0	280.0	13.0	18	26	1.0	1.760	5.0	0.5	2.5	4.35	22.00	0.410	24.550	1.120	239.0
W-003	57.0	2.0	170.0	7.0	37	34	0.7	2.960	4.0	0.5	2.5	6.42	30.00	0.160	21.520	0.250	40.0
W-006	73.0	2.0	220.0	12.0	78	73	1.1	3.050	2.0	0.5	2.5	6.09	42.00	0.160	20.770	0.250	83.0
W-009	48.0	4.0	94.0	17.0	145	108	0.8	3.930	3.0	0.5	2.5	3.91	26.00	0.180	33.330	0.440	72.0
W-012	68.0	18.0	140.0	15.0	161	159	1.2	3.840	5.0	0.5	2.5	7.31	36.00	0.340	24.470	0.360	131.0
W-015	70.0	18.0	95.0	12.0	233	222	1.1	2.990	4.0	0.5	2.5	6.65	39.00	0.270	33.660	0.520	422.0
W-018	84.0	13.0	110.0	14.0	122	121	1.3	2.850	4.0	0.5	2.5	5.91	47.00	0.270	26.610	0.570	402.0
W-021	89.0	16.0	94.0	7.0	215	318	1.3	2.420	2.0	0.5	2.5	6.88	52.00	0.230	31.730	0.370	485.0
W-024	40.0	23.0	120.0	15.0	218	369	0.9	2.960	3.0	0.5	2.5	4.28	21.00	0.310	29.030	0.700	443.0
W-027	59.0	19.0	140.0	14.0	467	475	1.0	3.050	4.0	0.5	2.5	4.83	35.00	0.250	29.350	0.650	342.0
W-030	41.0	14.0	92.0	9.0	338	361	0.8	2.420	3.0	0.5	2.5	5.10	23.00	0.130	33.010	0.440	361.0
W-033	42.0	18.0	91.0	11.0	283	323	0.9	2.600	3.0	0.5	2.5	5.45	24.00	0.200	31.330	0.370	275.0
W-036	59.0	7.0	86.0	18.0	83	99	1.2	1.890	4.0	0.5	2.5	3.96	34.00	0.210	31.180	0.640	346.0
W-039	64.0	8.0	69.0	35.0	110	120	1.3	2.370	3.0	0.5	2.5	4.31	36.00	0.250	29.620	0.600	361.0
W-042	58.0	16.0	93.0	29.0	201	324	1.4	3.020	3.0	0.5	2.5	4.21	30.00	0.440	32.020	1.100	643.0
W-045	52.0	18.0	140.0	16.0	366	372	1.1	3.380	4.0	0.5	2.5	4.27	29.00	0.390	36.750	2.170	391.0
W-048	57.0	21.0	120.0	22.0	445	371	1.0	3.570	4.0	0.5	2.5	3.27	31.00	0.410	39.330	1.900	457.0
W-051	61.0	18.0	190.0	13.0	233	282	1.3	3.790	4.0	0.5	2.5	4.16	28.00	0.410	32.950	2.040	303.0
W-054	76.0	21.0	160.0	21.0	175	262	1.4	4.030	6.0	0.5	2.5	4.70	33.00	0.470	30.920	1.740	465.0
W-057	96.0	22.0	110.0	23.0	182	120	1.4	3.560	3.0	0.5	2.5	4.73	51.00	0.340	33.490	0.750	582.0
W-060	59.0	10.0	97.0	24.0	124	113	1.3	2.590	3.0	0.5	2.5	4.71	31.00	0.280	33.280	1.190	386.0
W-063	62.0	9.0	120.0	23.0	88	120	1.4	1.980	4.0	0.5	2.5	5.60	39.00	0.290	31.020	1.090	426.0
W-066	130.0	19.0	140.0	21.0	169	185	1.7	2.720	3.0	0.5	2.5	5.17	85.00	0.280	30.190	0.960	377.0
W-095	24.0	10.0	93.0	15.0	8	24	0.8	3.690	3.0	0.5	2.5	4.83	10.00	0.180	30.730	0.720	105.0
W-098	54.0	15.0	110.0	8.0	10	22	1.0	3.460	5.0	0.5	2.5	6.84	31.00	0.240	32.550	0.630	112.0
W-101	56.0	8.0	110.0	11.0	17	32	1.3	3.190	4.0	0.5	2.5	7.46	32.00	0.280	32.770	0.940	186.0
W-104	110.0	9.0	120.0	8.0	22	38	1.4	3.190	4.0	0.5	2.5	6.75	60.00	0.490	32.810	0.930	181.0
W-107	32.0	4.0	84.0	5.0	6	24	0.7	2.810	4.0	0.5	2.5	6.30	17.00	0.250	35.440	0.530	100.0
W-110	29.0	8.0	120.0	5.0	9	22	0.5	3.300	3.0	0.5	2.5	5.34	17.00	0.230	32.040	0.490	109.0
W-113	51.0	12.0	110.0	7.0	39	34	0.9	3.050	4.0	0.5	2.5	5.90	29.00	0.250	31.670	0.550	141.0
W-116	60.0	16.0	130.0	7.0	47	52	1.0	2.510	4.0	0.5	2.5	5.64	33.00	0.260	31.040	0.420	123.0
W-119	44.0	4.0	100.0	4.0	64	80	0.8	1.940	3.0	0.5	2.5	5.03	24.00	0.230	33.660	0.550	156.0
W-122	50.0	5.0	130.0	4.0	43	50	1.1	2.250	4.0	0.5	2.5	5.74	29.00	0.260	30.150	0.610	169.0
W-125	47.0	3.0	150.0	5.0	211	294	0.9	3.120	4.0	0.5	2.5	4.74	23.00	0.310	25.580	0.350	79.0
W-128	71.0	3.0	250.0	6.0	40	62	1.0	3.070	4.0	0.5	2.5	4.88	37.00	0.300	22.730	0.600	157.0
W-131	83.0	7.0	260.0	6.0	38	52	1.1	3.070	5.0	0.5	2.5	6.15	46.00	0.330	25.370	1.160	268.0
W-134	85.0	13.0	250.0	8.0	43	64	1.1	3.950	4.0	0.5	2.5	5.35	50.00	0.360	24.350	1.110	247.0
W-137	76.0	8.0	240.0	8.0	37	66	1.2	2.950	4.0	0.5	2.5	5.86	44.00	0.290	24.050	0.770	278.0
W-140	96.0	6.0	250.0	9.0	37	52	1.1	2.580	4.0	0.5	2.5	5.41	51.00	0.370	25.930	0.970	284.0
W-143	94.0	5.0	150.0	8.0	24	44	1.1	2.840	4.0	0.5	2.5	6.18	55.00	0.310	31.220	0.790	244.0
W-146	62.0	5.0	130.0	8.0	17	32	1.0	3.230	4.0	0.5	2.5	5.86	34.00	0.280	31.650	0.780	233.0
W-149	88.0	5.0	110.0	6.0	12	30	1.1	3.060	4.0	0.5	2.5	6.05	48.00	0.370	31.140	0.590	153.0
W-152	45.0	5.0	150.0	7.0	13	32	0.8	2.410	4.0	0.5	2.5	5.94	21.00	0.360	28.180	0.530	132.0
W-155	50.0	5.0	150.0	6.0	10	26	0.9	2.420	4.0	0.5	2.5	5.96	21.00	0.290	29.450	0.620	160.0
W-158	26.0	3.0	160.0	4.0	10	20	1.0	1.410	3.0	0.5	2.5	5.78	14.00	0.230	29.330	0.410	135.0
W-161	76.0	5.0	140.0	11.0	13	36	1.4	2.690	4.0	0.5	2.5	5.10	36.00	0.310	29.910	0.880	251.0
W-164	51.0	3.0	110.0	9.0	54	50	1.1	2.320	4.0	0.5	2.5	5.27	29.00	0.270	30.110	0.680	222.0
W-167	60.0	4.0	140.0	8.0	24	44	1.3	2.600	4.0	0.5	2.5	4.86	32.00	0.310	31.590	0.820	259.0
W-170	52.0	0.5	96.0	4.0	13	26	1.3	0.670	3.0	0.5	2.5	5.47	23.00	0.330	32.180	0.480	113.0
W-173	41.0	2.0	110.0	3.0	13	24	1.5	0.730	4.0	0.5	2.5	6.10	17.00	0.320	30.020	0.520	113.0
W-176	41.0	1.0	140.0	3.0	15	24	1.1	0.650	4.0	0.5	2.5	5.47	19.00	0.330	28.640	0.440	104.0
W-179	45.0	3.0	99.0	2.0	22	30	1.2	0.810	3.0	0.5	2.5	5.73	23.00	0.320	30.900	0.540	150.0
W-182	57.0	8.0	230.0	5.0	84	96	0.8	3.450	3.0	0.5	2.5	4.05	31.00	0.420	30.830	2.980	503.0
W-185	42.0	2.0	110.0	1.0	40	52	1.2	0.880	4.0	0.5	2.5	5.75	20.00	0.350	29.350	0.580	153.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
W-188	RMY-82-27	-536	5	1062.5	2.8	2.5	6.450	2.10	1	2300	1	16.0	0.25	0.840	0.5	1.40	46.0	2.0	130.0	2.0	20	26	1.0	0.740	3.0	0.5	2.5	5.61	20.00	0.300	28.340	0.450	131.0
W-191	RMY-82-27	-536	5	1053.5	0.2	2.5	7.810	1.80	4	2100	1	2.5	0.25	1.020	0.5	1.40	57.0	4.0	140.0	2.0	16	30	1.3	1.330	4.0	0.5	2.5	5.82	27.00	0.310	31.380	0.620	185.0
W-194	RMY-82-27	-536	5	1044.5	0.2	2.5	6.600	1.70	4	2000	1	2.5	0.25	1.150	1.0	0.25	46.0	2.0	150.0	2.0	14	30	1.1	1.360	3.0	0.5	2.5	4.87	26.00	0.240	29.690	0.560	207.0
W-197	RMY-82-27	-536	5	1035.5	0.4	2.5	6.210	2.20	1	1700	1	2.5	0.25	1.060	0.5	2.00	38.0	4.0	120.0	3.0	36	34	0.8	1.180	3.0	0.5	2.5	4.40	20.00	0.210	33.900	0.550	172.0
W-200	RMY-82-27	-536	5	1026.5	0.8	2.5	6.490	2.70	2	2000	1	2.5	0.25	1.240	2.0	0.80	47.0	4.0	120.0	3.0	45	52	1.0	1.230	4.0	0.5	2.5	4.58	27.00	0.270	29.270	0.600	198.0
W-203	RMY-82-27	-536	5	1017.5	0.2	2.5	9.690	19.00	1	1300	2	2.5	0.25	4.230	5.0	0.25	80.0	15.0	47.0	0.5	11	28	1.7	4.600	4.0	0.5	2.5	2.58	44.00	0.360	33.000	1.930	782.0
W-206	RMY-82-27	-536	5	1008.5	0.2	2.5	9.520	21.00	1	1400	2	2.5	0.25	3.740	5.0	0.25	82.0	16.0	51.0	2.0	13	36	1.8	4.620	5.0	0.5	2.5	2.69	44.00	0.350	27.660	1.950	786.0
W-209	RMY-82-27	-536	5	999.5	0.2	2.5	6.980	1.70	1	2200	1	2.5	0.25	1.880	2.0	0.25	37.0	2.0	120.0	2.0	7	20	1.0	1.090	4.0	0.5	2.5	5.40	19.00	0.190	32.540	0.500	168.0
W-212	RMY-82-27	-536	5	990.5	0.6	2.5	8.240	3.00	1	2600	1	7.0	0.25	1.800	3.0	1.10	39.0	2.0	150.0	4.0	8	30	1.1	1.520	5.0	0.5	2.5	5.93	18.00	0.450	30.900	1.020	281.0
W-215	RMY-82-27	-536	5	981.5	0.2	2.5	7.970	3.90	1	1700	1	2.5	0.25	1.840	2.0	0.25	82.0	4.0	120.0	7.0	16	32	1.5	2.110	3.0	0.5	2.5	4.73	49.00	0.340	30.620	0.610	225.0
W-218	RMY-82-27	-536	5	972.5	0.2	2.5	6.690	0.25	1	1700	1	2.5	0.25	2.500	3.0	0.25	120.0	2.0	150.0	4.0	5	23	1.4	1.060	3.0	0.5	2.5	4.74	79.00	0.290	26.650	0.550	190.0
W-221	RMY-82-27	-536	5	963.5	0.2	2.5	6.690	2.60	3	1900	1	2.5	0.25	1.940	0.5	0.25	120.0	2.0	140.0	5.0	6	24	1.1	1.220	4.0	0.5	2.5	4.96	82.00	0.250	30.010	0.580	192.0
W-224	RMY-82-27	-536	5	954.5	0.5	2.5	5.190	3.30	4	1100	1	10.0	0.25	2.640	2.0	0.25	64.0	11.0	220.0	5.0	116	118	1.1	4.350	3.0	0.5	2.5	3.09	34.00	0.360	32.790	1.750	443.0
W-227	RMY-82-27	-536	5	945.5	0.2	2.5	6.520	1.50	3	2100	1	2.5	0.25	2.670	2.0	0.25	64.0	2.0	210.0	4.0	8	23	1.1	0.690	3.0	0.5	2.5	5.11	34.00	0.370	24.330	0.340	157.0
W-230	RMY-82-27	-536	5	936.5	0.2	2.5	6.470	1.70	1	2200	1	2.5	0.25	2.360	2.0	0.50	37.0	4.0	250.0	4.0	10	22	1.0	1.900	3.0	0.5	2.5	4.62	16.00	0.350	24.760	0.870	312.0
W-233	RMY-82-27	-536	5	927.5	0.2	2.5	6.460	3.00	1	1800	1	2.5	0.25	2.520	3.0	0.25	49.0	3.0	270.0	1.0	12	28	1.1	1.570	3.0	0.5	2.5	4.00	26.00	0.310	27.410	1.020	465.0
W-236	RMY-82-27	-536	5	918.5	0.2	2.5	6.610	22.00	1	1600	1	2.5	0.25	1.720	1.0	0.25	39.0	3.0	320.0	8.0	13	27	0.9	1.930	4.0	0.5	2.5	4.76	19.00	0.340	22.820	1.180	442.0
W-239	RMY-82-27	-536	5	909.5	0.2	2.5	6.120	3.00	1	2400	1	2.5	0.25	2.050	0.5	0.25	43.0	1.0	240.0	4.0	4	18	1.0	0.590	4.0	0.5	2.5	5.05	20.00	0.310	26.570	0.290	143.0
W-258	RMY-82-27	-536	5	852.5	0.4	2.5	8.200	1200.00	5	2000	1	2.5	0.25	2.270	3.0	0.25	64.0	3.0	220.0	10.0	76	84	1.4	2.370	3.0	0.5	2.5	5.40	33.00	0.320	24.050	0.480	466.0
W-261	RMY-82-27	-536	5	843.5	0.6	2.5	8.180	360.00	1	1600	1	2.5	0.25	2.400	3.0	4.20	71.0	4.0	150.0	6.0	154	162	1.5	2.400	4.0	0.5	2.5	4.14	36.00	0.320	28.450	0.640	549.0
W-264	RMY-82-27	-536	5	834.5	1.3	2.5	8.400	63.00	1	1700	1	6.0	0.25	2.290	2.0	8.60	62.0	4.0	160.0	7.0	340	326	1.4	2.350	2.0	0.5	2.5	4.11	32.00	0.290	29.600	0.650	500.0
W-267	RMY-82-27	-536	5	825.5	0.2	2.5	8.150	83.00	2	1700	1	2.5	0.25	2.290	2.0	1.40	60.0	4.0	210.0	10.0	57	94	1.4	2.890	3.0	0.5	2.5	4.79	29.00	0.320	24.380	0.570	448.0
W-270	RMY-82-27	-536	5	816.5	0.8	2.5	8.200	3.30	1	1800	1	9.0	0.25	2.180	3.0	5.30	80.0	2.0	180.0	6.0	220	290	1.8	2.700	3.0	0.5	2.5	4.90	43.00	0.300	25.360	0.610	451.0
W-273	RMY-82-27	-536	5	807.5	0.9	2.5	8.080	62.00	1	1900	1	2.5	0.25	2.220	2.0	2.10	81.0	3.0	140.0	10.0	204	266	1.7	2.420	5.0	0.5	2.5	5.58	41.00	0.340	25.400	0.550	414.0
W-276	RMY-82-27	-536	5	798.5	0.5	2.5	8.210	3.80	4	1600	2	2.5	0.25	1.760	3.0	1.00	61.0	1.0	150.0	6.0	96	138	1.4	2.400	3.0	0.5	2.5	5.33	29.00	0.270	24.490	0.440	309.0
W-279	RMY-82-27	-536	5	789.5	0.4	2.5	7.400	7.80	1	2000	1	10.0	0.25	2.450	2.0	0.60	67.0	2.0	170.0	8.0	134	140	1.6	2.650	4.0	0.5	2.5	5.00	33.00	0.340	23.940	0.520	262.0
W-282	RMY-82-27	-536	5	780.5	0.8	2.5	7.920	4.30	1	1700	1	15.0	0.25	1.860	3.0	2.10	66.0	2.0	200.0	4.0	258	226	1.5	2.610	5.0	0.5	2.5	5.27	34.00	0.320	24.770	0.600	294.0
W-285	RMY-82-27	-536	5	771.5	1.1	2.5	8.000	11.00	1	2000	1	18.0	0.25	1.940	1.0	2.10	80.0	2.0	160.0	5.0	236	300	1.7	2.690	4.0	0.5	2.5	4.87	42.00	0.310	25.600	0.610	309.0
W-288	RMY-82-27	-536	5	762.5	1.6	2.5	8.160	4.50	1	1800	1	11.0	0.25	1.770	2.0	10.60	81.0	3.0	170.0	4.0	522	496	1.6	2.460	5.0	0.5	2.5	4.55	43.00	0.300	24.690	0.620	359.0
W-291	RMY-82-27	-536	5	753.5	1.1	2.5	8.180	3.50	5	2200	1	10.0	0.25	1.790	0.5	2.50	67.0	4.0	170.0	5.0	486	520	1.9	2.830	5.0	0.5	2.5	4.75	37.00	0.340	27.880	0.630	325.0
W-294	RMY-82-27	-536	5	744.5	1.8	2.5	8.260	2.80	1	2300	1	20.0	0.25	1.620	0.5	1.40	64.0	8.0	190.0	4.0	781	950	1.8	2.360	5.0	0.5	2.5	4.43	35.00	0.300	24.360	0.660	334.0
W-297	RMY-82-27	-536	5	735.5	0.5	2.5	7.900	2.00	6	2300	1	9.0	0.25	2.520	2.0	1.00	77.0	5.0	190.0	10.0	228	380	1.7	2.780	4.0	0.5	2.5	4.42	37.00	0.270	23.170	0.550	318.0
W-758	RMY-82-29	-748	117	1151.5	0.2	2.5	6.700	1.90	2	2100	1	2.5	0.25	1.260	0.5	0.70	39.0	4.0	130.0	3.0	13	20	0.9	1.880	3.0	0.5	2.5	5.25	19.00	0.310	30.070	0.640	168.0
W-761	RMY-82-29	-748	117	1142.5	1.8	2.5	7.100	3.70	1	2200	1	2.5	0.25	1.760	0.5	4.80	52.0	3.0	130.0	3.0	52	64	1.0	1.790	3.0	0.5	2.5	4.84	25.00	0.270	28.440	0.560	170.0
W-764	RMY-82-29	-748	117	1133.5	0.4	2.5	6.950	3.60	1	2300	1	2.5	0.25	1.820	0.5	0.60	50.0	4.0	170.0	2.0	40	26	1.0	1.430	4.0	0.5	2.5	4.94	26.00	0.280	26.730	0.670	196.0
W-767	RMY-82-29	-748	117	1124.5	2.7	2.5	6.740	7.30	3	1700	1	8.0	0.25	1.720	2.0	13.30	73.0	4.0	160.0	4.0	562	706	1.3	2.230	5.0	0.5	2.5	4.55	36.00	0.600	26.310	1.230	254.0
W-770	RMY-82-29	-748	117	1115.5	0.2	2.5	6.930	2.50	7	1400	2	2.5	0.25	2.230	2.0	2.60	65.0	6.0	180.0	4.0	78	76	1.3	2.270	5.0	0.5	2.5	4.36	35.00	0.640	30.650	1.970	391.0
W-773	RMY-82-29	-748	117	1106.5	0.8	2.5	6.600	18.00	1	2000	1	2.5	0.25	1.990	0.5	2.10	46.0	5.0	100.0	6.0	32	36	1.2	1.950	3.0	0.5	2.5	5.52	20.00	0.340	29.520	0.310	151.0
W-776	RMY-82-29	-748	117	1097.5	0.4	2.5	6.840	5.80	1	2300	1	2.5	0.25	1.580	2.0	1.20	41.0	4.0	140.0	6.0	16	16	0.8	2.110	4.0	0.5	2.5	5.38	18.00	0.250	26.990	0.320	150.0
W-779	RMY-82-29	-748	117	1088.5	0.2	2.5	5.590	0.25	3	1600	1	2.5	0.25	0.990	0.5	2.60	29.0	4.0	160.0	4.0	39	42	0.7	1.530	3.0	0.5	2.5	4.22	15.00	0.340	35.260	0.850	210.0
W-782	RMY-82-29	-748	117	1079.5	0.4	2.5	6.650	0.25	1	2300	1	2.5	0.25	1.350	0.5	1.10	42.0	3.0	180.0	4.0	19	20	1.2	1.280	4.0	0.5	2.5	5.23	22.00	0.290	25.540	0.460	122.0
W-785	RMY-82-29	-748	117	1070.5	0.2	2.5	6.600	1.80	1	2300	1	2.5	0.25	1.620	0.5	0.50	36.0	4.0	160.0	3.0	19	20	1.1	1.190	2.0	0.5	2.5	5.25	19.00	0.320	29.380	0.460	136.0
W-788	RMY-82-29	-748	117	1061.5	0.2	2.5	6.860	0.25	1	1400	1	2.5	0.25	2.230	2.0	0.25	44.0	6.0	180.0	4.0	36	38	1.1	2.090	4.0	0.5	2.5	3.82	18.00	0.310	30.840	1.380	276.0
W-791	RMY-82-29	-748	117	1052.5	0.2	2.5	6.750	1.90	1	2100	1	2.5	0.25	1.940	2.0	0.25	34.0	3.0	130.0	1.0	21	32	1.0	1.240	3.0	0.5	2.5	5.11	18.00	0.260	32.980	0.570	161.0
W-794	RMY-82-29	-748	117	1043.5	0.2	2.5	6.660	1.50	1	2400	1	2.5	0.25	1.690	3.0	0.50	33.0	2.0	150.0	2.0	13	26	0.8	0.930	3.0	0.5	2.5	5.56	16.00	0.230	29.200	0.440	123.0
W-797	RMY-82-29	-748	117	1034.5	0.2	2.5	6.760	0.25	1	2600	1	2.5	0.25	1.740	2.0	0.25	51.0	3.0	130.0	2.0	12	22	1.2	1.120	3.0	0.5	2.5	5.40	26.00	0.280	31.160	0.410	116.0
W-800	RMY-82-29	-748	117	1025.5	0.2	2.5	6.670	1.40	1	2300	1	2.5	0.25	1.740	2.0	0.25	38.0	2.0	140.0	4.0	11	20	1.1	1.120	4.0	0.5	2.5	4.97	17.00	0.280	29.260	0.570	130.0
W-803	RMY-82-29	-748	117	1016.5	0.4	2.5	6.650	2.10	1	2500	1	2.5	0.25	1.560	0.5	0.25	41.0	2.0	130.0	6.0	10	26	1.1	1.330	4.0	0.5	2.5	5.18	19.00	0.290	27.830	0.460	132.0
W-806	RMY-82-29	-748	117	1007.5	0.2	2.5	6.410	3.20	1	1500	1	2.5	0.25	2.030	3.0	0.25	48.0	11.0	170.0	7.0	41	40	1.3	3.830	5.0	0.5	2.5	3.51	22.00	0.380	27.180	1.650	304.0
W-809	RMY-82-29	-748	117	998.5	0.2	2.5	4.690	2.20	1	1500	1	2.5	0.25	1.400	0.5	0.25	28.0	5.0	200.0	5.0	22	38	0.7	1.820	3.0	0.5	2.5	3.51	14.00	0.320	28.530	0.670	147.0
W-812	RMY-82-29	-748	117	989.5	0.2	2.5	5.880	2.30	3	1400	1	2.5	0.25	1.420	0.5	0.50	50.0	9.0	230.0	7.0	41	42	1.0	2.360	4.0	0.5	2.5	3.48	26.00	0.410	31.360	1.310	268.0
W-815	RMY-82-29	-748	117	980.5	0.4	2.5	6.060	0.25	1	2200	1	2.5	0.25	2.160	1.0	1.30	39.0	3.0	210.0	7.0	14	30	1.0	1.330	3.0	0.5	2.5	4.30	20.00	0.230	24.760	0.560	152.0
W-818	RMY-82-29	-748	117	971.5	0.5	2.5	7.580	2.50	1	1600	1	2.5	0.25	2.470	3.0	0.60	83.0	4.0	150.0	8.0	28	34	1.8	2.670	3.0	0.5	2.5	3.85	38.00	0.580	26.510	1.280	224.0
W-821	RMY-82-29	-748	117	962.5	0.2	2.5	4.530	0.25	1	1700	1	2.5	0.25	1.430	2.0	0.60	31.0	3.0	150.0	4.0	10	25	1.0	1.800	3.0	0.5	2.5	3.71	14.00	0.300	33.350	0.770	167.0
W-824	RMY-82-29	-748	117	953.5	0.4	2.5	5.860	1.80	1	2300	1	2.5	0.25	1.410	2.0	0.50	54.0	2.0	190.0	6.0	11	22	1.4	1.730	3.0	0.5	2.5	4.46	25.00	0.380	28.260	0.310	99.0
W-827	RMY-82-29	-748	117	944.5	0.2	2.5	6.220	0.90	4	2500	1	2.5	0.25	1.290	2.0	0.25	47.0	5.0	210.0	3.0	21	26	0.9	1.890	3.0	0.5	2.5	5.24	22.00	0.380	30.070	1.180	259.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
W-830	RMY-82-29	-748	117	935.5	0.2	2.5	6.560	1.70	1	1600	1	2.5	0.25	1.180	0.5	0.25	56.0	6.0	200.0	3.0	20	28	0.9	2.070	5.0	0.5	2.5	4.45	31.00	0.480	28.320	0.910	211.0
W-833	RMY-82-29	-748	117	926.5	3.7	2.5	7.200	0.25	1	1800	1	14.0	0.25	1.260	2.0	1.10	93.0	2.0	120.0	3.0	16	18	1.9	2.140	4.0	0.5	2.5	4.55	53.00	0.410	34.620	0.870	230.0
W-837	RMY-82-29	-748	117	914.5	0.7	2.5	6.240	1.20	1	1700	1	2.5	0.25	1.060	0.5	2.30	64.0	3.0	180.0	4.0	21	25	1.4	2.880	4.0	0.5	2.5	4.18	30.00	0.350	30.360	0.880	206.0
W-838	RMY-82-29	-748	117	911.5	0.7	2.5	6.050	2.10	1	1900	1	2.5	0.25	1.500	2.0	0.25	49.0	4.0	200.0	3.0	22	26	1.2	2.310	4.0	0.5	2.5	4.20	25.00	0.370	30.610	1.050	247.0
W-839	RMY-82-29	-748	117	908.5	0.4	2.5	4.450	0.90	1	1400	1	2.5	0.25	1.260	2.0	0.70	29.0	4.0	190.0	2.0	19	22	0.8	2.170	3.0	0.5	2.5	3.66	15.00	0.320	34.800	0.950	201.0
W-840	RMY-82-29	-748	117	905.5	0.4	2.5	6.610	0.25	6	2100	1	2.5	0.25	0.860	0.5	0.60	47.0	5.0	220.0	3.0	30	34	1.0	2.360	4.0	0.5	2.5	4.93	25.00	0.400	29.380	1.080	236.0
W-841	RMY-82-29	-748	117	902.5	0.2	2.5	7.330	1.40	1	2200	1	2.5	0.25	1.440	2.0	0.25	66.0	5.0	250.0	3.0	38	40	1.3	1.900	5.0	0.5	2.5	3.60	32.00	0.470	31.100	1.310	264.0
W-842	RMY-82-29	-748	117	899.5	0.2	2.5	6.040	0.25	1	1600	1	2.5	0.25	1.540	2.0	0.50	53.0	9.0	370.0	3.0	66	64	0.8	2.940	3.0	0.5	2.5	4.15	26.00	0.430	27.990	1.810	324.0
W-843	RMY-82-29	-748	117	896.5	0.2	2.5	5.640	1.30	1	1700	1	2.5	0.25	1.440	2.0	0.25	44.0	6.0	200.0	2.0	54	58	0.9	1.820	4.0	0.5	2.5	4.02	24.00	0.350	33.640	1.150	251.0
W-844	RMY-82-29	-748	117	893.5	0.4	2.5	6.420	1.40	1	1900	1	2.5	0.25	1.560	2.0	0.25	50.0	6.0	190.0	2.0	26	28	1.1	1.860	3.0	0.5	2.5	4.08	24.00	0.330	28.490	0.840	199.0
W-845	RMY-82-29	-748	117	890.5	0.2	2.5	0.420	1.30	3	110	1	2.5	0.25	0.120	0.5	0.25	7.0	1.0	270.0	0.5	4	34	0.1	0.370	1.0	0.5	2.5	0.22	3.50	0.025	30.380	0.050	31.0
W-846	RMY-82-29	-748	117	887.5	0.2	2.5	6.080	1.90	1	2600	1	2.5	0.25	2.160	2.0	0.25	45.0	4.0	150.0	1.0	27	28	1.0	1.420	4.0	0.5	2.5	3.78	24.00	0.200	29.860	0.400	133.0
W-847	RMY-82-29	-748	117	884.5	0.2	2.5	6.280	0.25	5	1500	1	2.5	0.25	1.400	0.5	0.25	48.0	7.0	200.0	3.0	37	46	1.2	2.550	5.0	0.5	2.5	4.14	25.00	0.380	33.340	1.520	300.0
W-848	RMY-82-29	-748	117	881.5	0.5	2.5	5.940	3.40	1	1500	1	2.5	0.25	1.790	2.0	0.25	90.0	6.0	170.0	2.0	71	60	1.1	2.200	4.0	0.5	2.5	4.25	59.00	0.350	32.470	1.200	237.0
W-849	RMY-82-29	-748	117	878.5	0.2	2.5	5.030	0.60	1	1300	1	2.5	0.25	2.160	2.0	0.25	55.0	9.0	440.0	3.0	42	46	0.7	2.830	3.0	0.5	2.5	3.76	33.00	0.330	31.460	2.600	405.0
W-850	RMY-82-29	-748	117	875.5	0.2	2.5	3.010	1.40	3	780	1	2.5	0.25	2.010	2.0	0.25	23.0	8.0	430.0	3.0	39	38	0.5	2.710	2.0	0.5	2.5	2.48	13.00	0.230	33.730	2.390	380.0
W-851	RMY-82-29	-748	117	872.5	0.2	2.5	3.760	0.90	1	1100	1	2.5	0.25	0.940	1.0	0.25	33.0	3.0	210.0	3.0	19	18	0.6	1.440	3.0	0.5	2.5	2.87	16.00	0.220	32.070	0.790	176.0
W-852	RMY-82-29	-748	117	869.5	0.2	2.5	5.780	0.90	1	1600	1	2.5	0.25	1.490	1.0	0.25	40.0	2.0	170.0	4.0	8	10	0.7	1.550	3.0	0.5	2.5	3.64	21.00	0.250	35.390	0.630	141.0
W-853	RMY-82-29	-748	117	866.5	0.2	2.5	4.710	0.25	1	2700	1	2.5	0.25	2.860	3.0	0.25	50.0	1.0	160.0	3.0	6	8	0.8	1.080	3.0	0.5	2.5	3.76	27.00	0.180	29.990	0.400	92.0
W-854	RMY-82-29	-748	117	863.5	0.2	2.5	5.910	1.40	1	2700	1	2.5	0.25	2.630	3.0	0.25	40.0	5.0	130.0	5.0	9	12	0.9	2.220	3.0	0.5	2.5	3.87	21.00	0.210	29.950	0.530	123.0
W-855	RMY-82-29	-748	117	860.5	0.4	2.5	6.160	0.25	1	2600	1	2.5	0.25	2.510	2.0	0.70	38.0	2.0	110.0	4.0	7	10	0.9	1.310	3.0	0.5	2.5	3.72	20.00	0.210	30.750	0.470	118.0
W-856	RMY-82-29	-748	117	857.5	0.2	2.5	5.320	0.25	1	1600	1	2.5	0.25	2.150	2.0	0.25	35.0	3.0	190.0	3.0	14	12	0.7	1.200	3.0	0.5	2.5	3.23	19.00	0.220	28.250	0.680	205.0
W-857	RMY-82-29	-748	117	854.5	0.2	2.5	6.230	2.80	1	1700	1	2.5	0.25	1.380	0.5	0.25	47.0	8.0	230.0	4.0	52	56	1.0	2.520	3.0	0.5	2.5	4.01	24.00	0.430	27.150	1.370	263.0
W-858	RMY-82-29	-748	117	851.5	0.2	2.5	6.740	2.90	1	1300	1	2.5	0.25	1.410	1.0	0.25	46.0	5.0	140.0	5.0	14	16	0.8	4.340	4.0	0.5	2.5	3.90	24.00	0.320	32.810	0.860	164.0
W-859	RMY-82-29	-748	117	848.5	0.4	2.5	6.440	3.90	1	1800	1	2.5	0.25	1.130	1.0	0.25	56.0	6.0	230.0	6.0	13	18	1.1	3.210	4.0	0.5	2.5	3.99	26.00	0.400	27.410	1.200	203.0
W-860	RMY-82-29	-748	117	845.5	0.2	2.5	6.490	2.50	1	1900	1	6.0	0.25	1.260	1.0	0.25	46.0	4.0	220.0	5.0	13	18	0.9	2.310	4.0	0.5	2.5	4.50	24.00	0.340	27.590	1.150	204.0
W-861	RMY-82-29	-748	117	842.5	0.2	2.5	6.100	2.60	1	2000	1	2.5	0.25	2.080	2.0	0.50	44.0	5.0	190.0	5.0	27	30	0.9	2.000	3.0	0.5	2.5	3.94	22.00	0.310	28.630	0.800	147.0
W-862	RMY-82-29	-748	117	839.5	0.4	2.5	5.330	6.20	1	1700	1	2.5	0.25	1.560	2.0	0.25	40.0	6.0	200.0	5.0	21	26	0.6	2.430	3.0	0.5	2.5	4.16	20.00	0.330	26.930	0.890	174.0
W-863	RMY-82-29	-748	117	836.5	0.2	2.5	5.710	1.90	3	1700	1	2.5	0.25	1.440	1.0	0.70	38.0	6.0	180.0	4.0	39	42	0.8	1.630	4.0	0.5	2.5	4.09	20.00	0.290	31.920	1.010	184.0
W-864	RMY-82-29	-748	117	833.5	0.2	2.5	4.640	2.30	1	1600	1	2.5	0.25	1.580	1.0	0.60	29.0	4.0	200.0	3.0	29	34	0.7	1.470	3.0	0.5	2.5	3.34	16.00	0.190	28.870	0.680	132.0
W-865	RMY-82-29	-748	117	830.5	0.2	2.5	2.370	3.30	1	1200	1	2.5	0.25	1.450	2.0	0.25	25.0	3.0	240.0	3.0	10	12	0.3	1.050	2.0	0.5	2.5	1.81	12.00	0.140	30.610	0.440	89.0
W-866	RMY-82-29	-748	117	827.5	0.2	2.5	4.360	4.80	1	1300	1	2.5	0.25	1.660	2.0	0.25	26.0	6.0	230.0	4.0	74	84	0.7	1.740	4.0	0.5	2.5	2.51	14.00	0.270	33.060	0.910	179.0
W-867	RMY-82-29	-748	117	824.5	0.2	2.5	3.680	3.30	3	1600	1	2.5	0.25	1.440	2.0	0.25	23.0	4.0	240.0	5.0	11	12	0.5	1.530	2.0	0.5	2.5	2.55	12.00	0.230	30.640	0.660	139.0
W-868	RMY-82-29	-748	117	821.5	0.2	2.5	3.850	3.10	1	1400	1	2.5	0.25	1.440	2.0	0.25	27.0	6.0	210.0	5.0	55	52	0.6	1.770	3.0	0.5	2.5	2.31	14.00	0.260	31.160	0.800	169.0
W-869	RMY-82-29	-748	117	818.5	0.2	2.5	4.130	2.50	1	1700	1	2.5	0.25	1.590	2.0	0.25	33.0	7.0	210.0	4.0	46	50	0.6	2.090	3.0	0.5	2.5	2.21	17.00	0.260	32.440	1.060	190.0
W-870	RMY-82-29	-748	117	815.5	0.2	2.5	4.920	3.00	1	1500	1	2.5	0.25	2.360	3.0	0.25	30.0	10.0	220.0	5.0	88	80	0.6	2.510	3.0	0.5	2.5	2.37	18.00	0.370	31.740	1.120	226.0
W-871	RMY-82-29	-748	117	812.5	0.5	2.5	6.610	17.00	1	1400	1	2.5	0.25	2.520	3.0	0.25	25.0	15.0	170.0	16.0	256	336	0.6	3.790	2.0	0.5	2.5	2.80	13.00	0.450	26.280	1.400	290.0
W-872	RMY-82-29	-748	117	809.5	0.4	2.5	6.670	4.60	1	2300	1	2.5	0.25	2.650	3.0	0.25	29.0	14.0	180.0	7.0	132	134	0.6	3.430	2.0	0.5	2.5	2.48	13.00	0.380	29.300	1.400	290.0
W-873	RMY-82-29	-748	117	806.5	0.4	2.5	7.320	12.00	3	1100	1	2.5	0.25	2.910	2.0	0.25	21.0	20.0	130.0	8.0	190	200	0.6	4.310	2.0	0.5	2.5	2.26	12.00	0.400	30.290	1.690	331.0
W-874	RMY-82-29	-748	117	803.5	0.2	2.5	4.980	13.00	1	2300	1	2.5	0.25	2.450	3.0	0.25	23.0	11.0	170.0	5.0	104	106	0.4	2.370	2.0	0.5	2.5	2.51	11.00	0.310	31.260	1.100	257.0
W-875	RMY-82-29	-748	117	800.5	0.2	2.5	6.870	5.40	9	990	1	2.5	0.25	2.850	2.0	0.25	34.0	17.0	130.0	6.0	208	216	0.8	3.630	2.0	0.5	2.5	2.00	18.00	0.380	33.940	1.470	385.0
W-876	RMY-82-29	-748	117	797.5	0.5	2.5	7.040	15.00	1	700	1	2.5	0.25	4.280	4.0	0.25	38.0	22.0	150.0	9.0	188	192	1.1	4.570	2.0	0.5	2.5	2.06	17.00	0.430	31.120	2.440	616.0
W-877	RMY-82-29	-748	117	794.5	0.7	2.5	3.560	25.00	1	870	1	2.5	0.25	2.490	2.0	0.25	28.0	14.0	170.0	9.0	126	134	0.6	2.800	2.0	0.5	2.5	1.86	15.00	0.380	28.430	0.970	217.0
W-878	RMY-82-29	-748	117	791.5	0.7	2.5	3.800	8.70	1	470	1	2.5	0.25	2.090	3.0	0.25	26.0	16.0	180.0	7.0	193	208	0.8	3.150	2.0	0.5	2.5	1.39	15.00	0.380	27.310	0.910	248.0
W-879	RMY-82-29	-748	117	788.5	0.9	2.5	4.040	4.90	6	530	1	6.0	0.25	1.470	2.0	0.25	48.0	14.0	200.0	5.0	278	318	1.0	4.080	2.0	0.5	2.5	1.67	25.00	0.330	29.540	0.780	261.0
W-880	RMY-82-29	-748	117	785.5	0.7	2.5	4.030	6.60	1	720	1	2.5	0.25	1.880	2.0	0.25	47.0	17.0	160.0	4.0	115	124	0.8	3.700	3.0	0.5	2.5	1.41	30.00	0.360	31.180	1.010	341.0
W-881	RMY-82-29	-748	117	782.5	0.2	2.5	4.390	4.80	4	930	1	2.5	0.25	1.740	2.0	0.25	39.0	8.0	140.0	3.0	62	66	0.9	3.520	3.0	0.5	2.5	1.56	24.00	0.390	33.580	0.840	261.0
W-962	RMY-82-29	-748	117	#REF!	0.5	2.5	6.000	4.80	2	1500	1	2.5	0.25	2.760	2.0	0.25	31.0	17.0	190.0	5.0	182	194	1.1	4.230	3.0	0.5	2.5	1.57	17.00	0.450	35.310	1.290	263.0
W-963	RMY-82-29	-748	117	536.5	0.5	2.5	5.340	2.20	1	1500	1	2.5	0.25	2.280	2.0	0.60	46.0	4.0	260.0	4.0	24	36	1.2	1.690	3.0	0.5	2.5	2.19	21.00	0.320	32.350	1.140	221.0
W-964	RMY-82-29	-748	117	533.5	0.2	2.5	4.890	2.80	1	1200	1	2.5	0.25	2.520	2.0	0.25	45.0	5.0	230.0	4.0	34	50	0.8	2.010	2.0	0.5	2.5	1.77	21.00	0.330	33.150	1.260	211.0
W-965	RMY-82-29	-748	117	530.5	0.2	2.5	3.330	2.60	1	1200	1	2.5	0.25	1.850	2.0	0.25	35.0	3.0	250.0	3.0	38	45	0.1	1.390	0.5	0.5	2.5	1.42	19.00	0.220	29.670	0.890	133.0
W-966	RMY-82-29	-748	117	527.5	0.2	2.5	4.220	3.10	1	1000	1	2.5	0.25	1.730	0.5	0.60	22.0	2.0	250.0	5.0	11	22	0.5	2.650	2.0	0.5	2.5	2.01	11.00	0.240	29.680	1.160	195.0
W-967	RMY-82-29	-748	117	524.5	0.2	2.5	5.750	4.10	1	1200	1	2.5	0.25	1.140	0.5	0.25	55.0	0.5	190.0	6.0	6	19	0.8	3.930	2.0	0.5	2.5	2.75	26.00	0.290	28.070	1.010	128.0
W-968	RMY-82-29	-748	117	521.5	0.2	2.5	4.760	2.90	1	1300	1	2.5	0.25	1.370	1.0	0.25	28.0	2.0	220.0	5.0	5	14	0.6	2.660	3.0	0.5	2.5	2.28	14.00	0.270	28.840	1.010	149.0
W-969	RMY-82-29	-748	117	518.5	0.2	2.5	4.060	2.40	1	1000	1	2.5	0.25	1.120	0.5	0.25	13.0	2.0	220.0	4.0	6	21	0.4	2.790	3.0	0.5	2.5	2.03	6.30	0.230	26.280	1.010	167.0
W-970	RMY-82-29	-748	117	515.5	0.2	2.5	5.900	1.90	1	1200	1	2.5	0.25	1.660	1.0	0.25	28.0	3.0	270.0	7.0	22	37	0.8	3.540	4.0	0.5	2.5	2.66	13.00	0.320	28.580	1.610	289.0

Sample	DDH #	Grid East	Grid North	Smp. Elev.	Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
					ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
W-971	RMY-82-29	-748	117	512.5	0.2	2.5	6.000	1.80	1	1400	1	2.5	0.25	1.560	0.5	0.25	52.0	2.0	260.0	6.0	7	21	0.9	2.740	4.0	0.5	2.5	2.77	23.00	0.280	26.640	1.200	199.0
W-972	RMY-82-29	-748	117	509.5	0.2	2.5	4.010	1.40	1	1100	1	2.5	0.25	0.850	1.0	0.25	16.0	2.0	240.0	3.0	5	14	0.2	2.630	3.0	0.5	2.5	2.76	5.90	0.220	30.020	0.710	120.0
W-973	RMY-82-29	-748	117	506.5	0.2	2.5	4.600	1.90	1	1100	1	2.5	0.25	1.210	0.5	0.25	15.0	2.0	220.0	4.0	7	21	0.5	2.460	3.0	0.5	2.5	2.58	7.50	0.210	31.200	1.030	176.0
W-974	RMY-82-29	-748	117	503.5	0.5	2.5	5.900	10.00	9	1100	1	2.5	0.25	1.980	2.0	0.25	32.0	8.0	220.0	10.0	125	112	0.6	3.440	4.0	0.5	2.5	2.37	19.00	0.340	31.850	1.480	226.0
W-975	RMY-82-29	-748	117	500.5	0.2	6.0	5.470	9.50	1	1000	1	2.5	0.25	2.510	3.0	0.25	44.0	12.0	310.0	11.0	174	160	0.8	4.150	3.0	0.5	2.5	2.33	22.00	0.400	29.300	2.110	312.0
W-976	RMY-82-29	-748	117	497.5	0.2	2.5	6.150	4.00	5	1100	1	2.5	0.25	2.220	3.0	0.25	42.0	4.0	240.0	6.0	59	61	1.0	2.230	3.0	0.5	2.5	2.19	21.00	0.320	30.560	1.560	250.0
W-977	RMY-82-29	-748	117	494.5	0.2	2.5	4.580	3.40	1	610	1	2.5	0.25	3.020	3.0	0.25	33.0	7.0	360.0	8.0	49	54	0.6	2.800	2.0	0.5	2.5	1.72	15.00	0.330	31.600	1.900	331.0
W-978	RMY-82-29	-748	117	491.5	0.2	2.5	3.670	11.00	6	1300	1	2.5	0.25	2.840	3.0	0.25	28.0	3.0	230.0	9.0	24	34	0.5	1.630	2.0	0.5	5.0	1.52	14.00	0.240	34.500	0.820	210.0
W-979	RMY-82-29	-748	117	488.5	0.2	2.5	4.450	3.90	1	1900	1	9.0	0.25	3.660	3.0	0.25	39.0	2.0	220.0	8.0	11	20	0.6	0.970	2.0	0.5	2.5	2.63	21.00	0.290	28.690	0.770	208.0
W-980	RMY-82-29	-748	117	485.5	0.2	2.5	3.970	5.20	7	1300	1	2.5	0.25	2.160	2.0	0.25	40.0	2.0	250.0	4.0	17	29	0.6	1.280	1.0	0.5	2.5	1.61	20.00	0.290	27.720	0.770	168.0
W-981	RMY-82-29	-748	117	482.5	0.2	2.5	3.850	7.50	1	1100	1	2.5	0.25	2.590	3.0	0.25	33.0	6.0	290.0	7.0	66	73	0.6	2.160	1.0	0.5	2.5	1.62	15.00	0.350	26.230	1.150	211.0
W-982	RMY-82-29	-748	117	479.5	0.2	2.5	2.090	3.00	1	1500	1	2.5	0.25	4.030	3.0	0.25	45.0	2.0	300.0	6.0	11	19	1.0	1.450	0.5	0.5	2.5	1.09	23.00	0.290	26.430	1.220	280.0
W-983	RMY-82-29	-748	117	476.5	0.2	5.0	5.200	8.80	1	1400	1	2.5	0.25	3.830	3.0	0.25	36.0	6.0	220.0	12.0	67	68	0.7	2.370	2.0	0.5	2.5	2.00	18.00	0.380	27.890	1.430	259.0
W-984	RMY-82-29	-748	117	473.5	0.2	2.5	4.410	15.00	1	960	1	2.5	0.25	4.240	4.0	0.25	40.0	4.0	210.0	9.0	49	56	0.7	1.860	1.0	0.5	2.5	1.65	18.00	0.350	26.640	1.360	306.0
W-985	RMY-82-29	-748	117	470.4	0.2	2.5	5.280	3.10	1	480	1	2.5	0.25	2.620	4.0	0.25	50.0	5.0	230.0	5.0	72	75	1.0	2.070	2.0	0.5	2.5	1.10	23.00	0.340	31.010	1.320	266.0
W-1001	RMY-82-30	-500	-84	1572.5	0.2	2.5	7.950	10.00	1	890	2	2.5	0.25	0.940	0.5	1.50	55.0	15.0	140.0	7.0	205	180	0.9	3.930	2.0	0.5	2.5	3.91	25.00	0.450	30.150	2.150	351.0
W-1294	RMY-82-30	-500	-84	693.5	0.8	2.5	6.900	7.30	1	680	1	2.5	0.25	3.610	4.0	0.25	13.0	21.0	120.0	1.0	321		0.9	5.890	2.0	0.5	2.5	1.09	6.40	0.500	36.700	1.400	743.0
W-1297	RMY-82-30	-500	-84	684.5	0.5	2.5	6.930	14.00	1	1200	1	2.5	0.25	3.670	4.0	0.25	23.0	18.0	140.0	1.0	216	162	0.9	5.070	2.0	0.5	2.5	1.55	10.00	0.430	35.790	1.560	689.0
W-1300	RMY-82-30	-500	-84	675.5	0.8	2.5	7.170	8.50	1	590	1	2.5	0.25	4.080	4.0	2.20	20.0	15.0	110.0	0.5	371	345	0.9	5.380	2.0	0.5	2.5	0.92	7.80	0.550	38.450	1.180	630.0
W-1303	RMY-82-30	-500	-84	666.5	3.0	2.5	6.470	25.00	18	1400	1	22.0	0.25	3.640	3.0	11.50	22.0	20.0	110.0	3.0	1249	1040	1.0	7.520	2.0	0.5	2.5	1.49	11.00	0.520	37.210	1.240	674.0
W-1306	RMY-82-30	-500	-84	657.5	1.5	2.5	8.160	61.00	1	780	1	2.5	0.25	6.010	6.0	4.00	18.0	20.0	120.0	6.0	379	340	0.9	6.390	1.0	0.5	2.5	1.23	7.80	0.440	33.850	1.920	1036.0
W-1309	RMY-82-30	-500	-84	648.5	1.1	2.5	5.750	8.40	1	1100	1	2.5	0.25	3.010	3.0	0.25	18.0	19.0	160.0	2.0	385	365	0.8	6.270	0.5	0.5	2.5	1.08	8.90	0.480	35.320	1.150	552.0
W-986	RMY-82-30	-500	-84	1617.5	0.5	2.5	6.520	17.00	1	1200	1	2.5	0.25	0.070	0.5	0.25	35.0	3.0	94.0	7.0	84	72	0.4	5.450	2.0	0.5	2.5	4.05	17.00	0.140	30.050	0.490	88.0
W-989	RMY-82-30	-500	-84	1608.5	0.5	2.5	8.240	9.70	1	1200	2	2.5	0.25	0.520	0.5	0.25	64.0	15.0	150.0	8.0	237	202	1.0	5.230	2.0	0.5	2.5	4.11	31.00	0.350	33.250	2.110	231.0
W-992	RMY-82-30	-500	-84	1599.5	0.2	2.5	7.970	8.90	4	1800	2	2.5	0.25	0.190	0.5	0.25	52.0	14.0	87.0	16.0	264	218	0.8	4.310	2.0	0.5	2.5	4.83	26.00	0.240	36.760	1.230	195.0
W-995	RMY-82-30	-500	-84	1590.5	0.5	2.5	7.890	15.00	1	1100	2	2.5	0.25	0.490	0.5	0.25	49.0	21.0	150.0	6.0	297	258	0.8	4.800	3.0	0.5	2.5	4.39	23.00	0.340	33.400	1.730	261.0
W-998	RMY-82-30	-500	-84	1581.5	0.6	2.5	8.530	20.00	1	1100	2	2.5	0.25	0.670	0.5	0.25	43.0	28.0	140.0	7.0	431	360	0.9	6.060	2.0	0.5	2.5	4.45	20.00	0.440	34.330	1.820	313.0

					Ag	Ag	Al	As	Au	Ba	Be	Bi	Br	Ca	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu	Eu	Fe	Hf	Hg	Ir	K	La	Lu	Mass	Mg	Mn
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Sample	DDH #	Grid East	Grid North	Smp. Elev.	ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
General Statistics																																	
					AG	AG	AL	AS	AU	BA	BE	BI	BR	CA	CA	CD	CE	CO	CR	CS	CU	Cu	EU	FE	HF	HG	IR	K	LA	LU	Mass	MG	MN
					PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	%	PPM	PPM	g	%	PPM
					0.4	5	0.01	0.5	2	50	2	5	0.5	0.001	1	0.5	3	1	5	1	2	Old	0.2	0.01	1	1	5	2	0.5	0.05	0	0.01	1
Percentiles					ICP	INA	ICP	INA	INA	INA	ICP	ICP	INA	ICP	INA	ICP	INA	INA	INA	INA	ICP	Old	INA	INA	INA	INA	INA	ICP	INA	INA		ICP	ICP
99%					8.8	11.8	9.501	3100.00	50	3468	2	32.8	0.25	4.238	4.8	52.86	130.0	29.8	368.4	29.8	1822	1496.5	2.1	7.509	5.0	0.5	2.5	6.96	82.84	0.550	36.987	2.360	740.3
98%					7.2	6.0	9.198	1800.00	28	3168	2	29.4	0.25	3.966	4.0	36.30	116.8	26.4	320.0	26.0	1248	1006	1.9	6.264	5.0	0.5	2.5	6.77	68.72	0.490	35.797	2.137	638.8
95%					5.0	2.5	8.576	654.00	15	2700	2	18.0	0.25	3.012	3.0	5.80	88.0	21.0	300.0	21.2	544	417.5	1.7	5.078	5.0	0.5	2.5	6.20	50.20	0.450	34.802	1.884	483.4
90%					2.0	2.5	8.244	130.00	10	2500	2	10.0	0.25	2.620	3.0	2.64	73.8	17.0	270.0	17.0	374	297	1.4	3.930	4.0	0.5	2.5	5.87	41.00	0.420	33.334	1.400	408.6
75%					0.6	2.5	7.710	23.00	4	2200	1	2.5	0.25	2.160	2.0	1.00	60.0	9.0	220.0	11.0	141	112.25	1.2	3.010	4.0	0.5	2.5	5.21	32.00	0.350	31.010	1.080	281.0
50%					0.2	2.5	6.750	4.80	1	1800	1	2.5	0.25	1.560	1.0	0.25	46.0	5.0	160.0	7.0	38	36	1.0	2.300	3.0	0.5	2.5	4.41	24.00	0.300	28.270	0.670	210.0
25%					0.2	2.5	6.180	2.10	1	1300	1	2.5	0.25	1.010	0.5	0.25	36.0	3.0	120.0	4.0	14	20	0.8	1.610	3.0	0.5	2.5	3.40	18.00	0.240	26.230	0.450	144.0
10%					0.2	2.5	4.886	1.40	1	1000	1	2.5	0.25	0.256	0.5	0.25	27.0	2.0	93.6	3.0	8	10	0.6	1.206	2.0	0.5	2.5	2.32	14.00	0.196	24.678	0.310	84.2
MAX					22.7	23.0	10.300	6600.00	190	5900	2	69.0	1.20	9.590	9.0	71.10	200.0	94.0	440.0	45.0	3343	2050	3.0	12.400	6.0	2.0	5.0	8.00	120.00	0.640	39.330	4.890	3564.0
MIN					0.2	2.5	0.420	0.25	1	110	1	2.5	0.25	0.010	0.5	0.25	7.0	0.5	35.0	0.5	2	0	0.1	0.370	0.5	0.5	2.5	0.22	3.50	0.025	20.030	0.050	5.0
AVG					1.0	2.8	6.753	138.80	5	1798	1	4.6	0.25	1.599	1.5	2.28	50.1	7.3	171.7	8.6	149	120	1.0	2.518	3.3	0.5	2.5	4.26	26.56	0.303	28.651	0.816	239.8
IQR					0.4	0.0	1.530	20.90	3	900	0	0.0	0.00	1.150	1.5	0.75	24.0	6.0	100.0	7.0	127	92	0.4	1.400	1.0	0.0	0.0	1.81	14.00	0.110	4.780	0.630	137.0

1995 Ti	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Se	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
6886	23.0	22.0	0.00367	0.01	0.090	24.0	4.0	10	0.057	330.0		230.0	1.70	6.10	1.5	3.30	50	104.00	250	0.25	0.25	8.7	0.080	3.50	45	41.0	3	4.00	1.2	427.0	446	
6887	26.0	22.0	0.00367	0.006	0.070	21.0	7.0	10	0.085	380.0		210.0	1.90	5.50	1.5	3.70	50	105.00	250	0.70	0.25	9.2	0.080	3.10	47	35.0	2	6.00	1.5	2898.0	2790	
6888	28.0	27.0	0.00450	0.007	0.080	22.0	5.0	10	0.084	208.0		220.0	1.30	5.40	1.5	4.00	50	121.00	250	0.25	0.25	9.6	0.090	4.90	42	35.0	3	7.00	1.6	3458.0	3390	
6889	47.0	48.0	0.00801	0.011	0.080	23.0	3.0	10	0.081	267.0		220.0	1.10	5.30	1.5	3.90	50	127.00	250	1.00	0.60	8.9	0.090	4.80	42	20.0	4	7.00	1.9	4145.0	3920	
6890	10.0	9.0	0.00150	0.003	0.050	21.0	14.0	10	0.070	244.0		200.0	1.80	5.10	1.5	3.50	50	74.00	250	0.60	0.25	8.5	0.080	5.90	36	39.0	3	7.00	1.7	3190.0	2890	
6891	78.0	74.0	0.01235	0.012	0.100	24.0	5.0	10	0.084	160.0		200.0	1.00	5.10	1.5	3.90	50	128.00	250	0.90	0.25	9.0	0.080	4.60	41	55.0	15	8.00	1.8	2897.0	2590	
6892	39.0	41.0	0.00684	0.01	0.080	24.0	9.0	10	0.079	232.0		220.0	1.30	5.30	1.5	4.20	50	95.00	250	0.25	0.25	9.0	0.080	5.20	41	51.0	23	8.00	1.8	3352.0	3330	
6893	81.0	83.0	0.01385	0.014	0.090	25.0	8.0	10	0.081	141.0		250.0	1.20	5.40	1.5	4.20	50	143.00	250	0.90	0.25	8.9	0.080	5.40	43	120.0	85	7.00	2.0	3242.0	3170	
6894	87.0	84.0	0.01401	0.018	0.140	22.0	6.0	10	0.077	253.0		240.0	1.00	5.90	1.5	4.10	50	181.00	250	0.25	0.25	9.8	0.070	5.20	45	67.0	12	8.00	2.2	3456.0	3340	
6983	60.0	65.0	0.01084	0.019	0.580	29.0	3.0	10	0.040	112.0		150.0	3.40	4.90	1.5	5.00	50	195.00	250	0.25	0.60	7.0	0.090	1.50	38	20.0	3	4.00	2.3	35.0	25	
6985	156.0	151.0	0.02519	0.024	0.500	37.0	7.0	91	0.051	198.0		200.0	2.90	5.80	1.5	5.10	50	195.00	250	0.25	0.25	9.2	0.090	2.50	41	28.0	3	4.00	1.5	38.0	25	
6987	262.0	242.0	0.04037	0.032	0.660	24.0	3.0	10	0.042	175.0		180.0	3.10	5.70	1.5	3.60	50	188.00	250	0.25	0.25	7.6	0.080	2.30	43	20.0	2	4.00	1.2	84.0	126	
6989	120.0	111.0	0.01852	0.031	0.390	28.0	17.0	10	0.044	175.0		150.0	2.60	5.30	1.5	4.50	50	154.00	250	1.30	0.25	7.9	0.070	2.50	37	16.0	1	2.00	1.1	34.0	25	
6991	139.0	122.0	0.02035	0.027	0.420	21.0	36.0	10	0.046	110.0		130.0	2.50	4.70	1.5	4.70	50	139.00	250	0.25	0.60	6.0	0.050	2.90	35	23.0	3	10.00	2.2	288.0	331	
6993	101.0	96.0	0.01602	0.024	0.280	32.0	23.0	10	0.057	313.0		170.0	2.30	4.80	1.5	5.00	50	175.00	250	0.25	0.25	7.6	0.070	5.00	37	31.0	30	10.00	2.0	707.0	718	
6995	36.0	31.0	0.00517	0.027	0.180	25.0	33.0	10	0.063	563.0		160.0	5.90	5.90	1.5	4.30	50	144.00	250	0.90	0.25	6.6	0.090	6.00	55	32.0	5	11.00	1.9	1695.0	1520	
6997	110.0	89.0	0.01485	0.02	0.170	22.0	69.0	110	0.062	832.0		200.0	4.10	11.00	1.5	3.90	50	113.00	250	0.25	0.25	9.1	0.130	8.30	96	47.0	2	11.00	2.4	1626.0	1500	
6999	185.0	164.0	0.02736	0.021	0.350	25.0	57.0	10	0.059	290.0		160.0	6.10	6.80	1.5	4.50	50	141.00	250	0.25	0.25	6.7	0.090	5.80	61	16.0	1	11.00	2.0	809.0	766	
7001	105.0	91.0	0.01518	0.016	0.120	23.0	29.0	10	0.046	105.0		170.0	3.60	5.10	1.5	4.20	50	117.00	250	1.60	0.70	6.2	0.080	3.80	43	28.0	6	10.00	2.1	1215.0	1110	
B-115	6.0	6.0	0.00100	0.002	0.220	22.0	3.0	10	0.088	94.0		240.0	6.60	5.10	1.5	4.10	50	157.00	250	0.25	0.25	9.9	0.100	3.50	33	33.0		6.00	1.6	101.0	87	115
B-117	5.0	2.0	0.00033	0.002	0.210	24.0	2.0	10	0.080	138.0		200.0	16.00	5.20	1.5	4.20	50	211.00	250	0.80	0.25	8.9	0.090	4.00	35	29.0		6.00	1.4	248.0	203	280
B-119	4.0	3.0	0.00050	0.001	0.160	40.0	2.0	11	0.083	98.0		200.0	16.00	6.50	1.5	6.40	50	202.00	250	0.25	0.25	9.2	0.090	5.00	44	30.0		7.00	1.2	159.0	168	124
B-121	3.0	3.0	0.00050	0.002	0.730	23.0	2.0	60	0.080	91.0		200.0	43.00	5.90	1.5	4.00	50	255.00	250	0.25	0.25	9.1	0.080	4.30	46	34.0		6.00	1.2	46.0	25	38
B-123	2.0	4.0	0.00067	0.001	0.810	11.0	2.0	10	0.083	16.0		160.0	3.60	4.20	1.5	2.10	50	226.00	250	0.25	0.25	9.8	0.070	3.40	38	34.0		5.00	1.0	23.0	25	27
B-125	8.0	5.0	0.00083	0.001	0.860	10.0	2.0	10	0.083	28.0		150.0	9.20	4.30	1.5	1.90	50	197.00	250	0.25	0.25	10.0	0.070	5.70	32	31.0		4.00	1.1	60.0	58	56
B-127	7.0	6.0	0.00100	0.001	0.950	13.0	2.0	10	0.082	49.0		140.0	6.30	4.50	1.5	2.30	50	198.00	250	0.25	0.25	10.0	0.060	6.00	37	26.0		5.00	1.0	46.0	25	54
B-129	10.0	6.0	0.00100	0.002	0.850	12.0	3.0	11	0.083	14.0		150.0	4.60	5.40	1.5	2.10	50	176.00	250	1.10	0.25	10.0	0.070	11.00	43	17.0		5.00	1.3	50.0	25	54
B-131	5.0	3.0	0.00050	0.001	0.260	13.0	2.0	10	0.083	13.0		150.0	3.60	4.70	1.5	2.90	50	184.00	250	0.60	0.25	10.0	0.080	5.70	35	8.0		8.00	1.6	160.0	120	144
B-133	2.0	2.0	0.00033	0.001	0.220	12.0	2.0	65	0.078	9.0		170.0	13.00	5.10	1.5	3.00	50	156.00	250	0.25	0.25	11.0	0.080	5.30	36	6.0		5.00	1.8	42.0	25	40
B-135	2.0	2.0	0.00033	0.001	0.620	41.0	2.0	10	0.080	49.0		150.0	17.00	6.00	1.5	6.30	50	185.00	250	0.25	0.25	11.0	0.050	5.70	36	5.0		7.00	1.9	135.0	128	
B-137	6.0	5.0	0.00083	0.001	0.350	17.0	2.0	10	0.078	23.0		180.0	14.00	5.50	1.5	2.90	50	214.00	250	0.25	0.25	12.0	0.060	8.60	35	5.0		7.00	2.0	73.0	25	71
B-139	3.0	3.0	0.00050	0.001	0.070	71.0	3.0	12	0.075	23.0		180.0	17.00	7.30	1.5	12.00	50	156.00	250	0.25	0.25	11.0	0.070	5.50	40	0.5		8.00	1.6	39.0	25	56
B-141	2.0	1.0	0.00017	0.002	0.090	15.0	2.0	10	0.072	10.0		200.0	7.50	5.80	1.5	3.20	50	235.00	250	0.25	0.25	11.0	0.080	5.60	39	4.0		7.00	1.8	38.0	25	
B-143	2.0	1.0	0.00017	0.002	0.080	19.0	2.0	10	0.078	5.0		200.0	5.60	5.40	1.5	4.20	50	192.00	250	0.25	0.25	11.0	0.060	6.60	33	4.0		7.00	2.0	30.0	25	35
B-145	2.0	1.0	0.00017	0.001	0.080	13.0	3.0	80	0.074	20.0		210.0	18.00	5.10	1.5	2.60	50	190.00	250	0.25	0.25	11.0	0.060	5.50	33	0.5		7.00	2.4	64.0	63	66
B-147	2.0	2.0	0.00033	0.001	0.510	16.0	2.0	12	0.074	14.0		160.0	22.00	4.70	1.5	3.20	50	178.00	250	0.25	0.25	10.0	0.060	6.70	31	5.0		8.00	3.5	28.0	25	
B-149	2.0	1.0	0.00017	0.001	0.880	37.0	3.0	14	0.077	13.0		180.0	2.40	5.70	1.5	5.80	50	238.00	250	0.25	0.25	11.0	0.060	5.60	38	6.0		7.00	2.0	30.0	25	
B-151	2.0	1.0	0.00017	0.001	1.300	27.0	3.0	14	0.076	14.0		160.0	0.15	5.70	1.5	4.20	50	242.00	1100	0.30	0.25	11.0	0.060	5.20	32	5.0		6.00	1.8	32.0	25	39
B-153	2.0	1.0	0.00017	0.001	1.730	15.0	4.0	12	0.079	33.0		120.0	32.00	5.10	1.5	3.90	50	268.00	250	0.25	0.25	11.0	0.060	6.80	34	5.0		6.00	1.5	59.0	25	76
A-165	33.0	37.0	0.00617	0.007	0.070	27.0	51.0	10	0.046	9.0		200.0	7.20	13.00	1.5	4.70	50	100.00	250	0.25	0.70	8.8	0.210	4.60	87	29.0	13	8.00	2.9	220.0	243	
A-168	20.0	25.0	0.00417	0.005	0.050	26.0	57.0	120	0.056	19.0		180.0	5.20	11.00	1.5	4.70	50	101.00	250	0.25	0.90	9.6	0.240	3.20	75	34.0	16	8.00	2.4	129.0	157	128
A-171	37.0	53.0	0.00884	0.008	0.320	44.0	76.0	210	0.047	229.0		220.0	4.90	14.00	1.5	8.20	50	94.00	250	0.25	0.90	11.0	0.270	4.70	64	52.0	215	17.00	3.9	2552.0	3650	
A-174	35.0	37.0	0.00617	0.009	0.070	56.0	46.0	11	0.051	15.0		160.0	4.00	11.00	1.5	9.30	50	102.00	250	1.30	0.25	8.7	0.260	4.40	73	69.0	155	14.00	2.7	247.0	280	210
A-177	43.0	49.0	0.00817	0.003	0.190	47.0	39.0	11	0.043	5.0		170.0	5.30	9.70	1.5	7.50	50	117.00	250	0.25	0.80	8.4	0.260	6.00	63	63.0	340	16.00	2.4	140.0	178	
A-180	69.0	65.0	0.01084	0.024	0.070	31.0	26.0	10	0.037	24.0		140.0	6.70	8.40	1.5	5.00	50	269.00	250	0.25	0.25	7.5	0.190	2.80	55	33.0	60	13.00	2.4	106.0	115	105
A-183	20.0	20.0	0.00334	0.004	0.080	23.0	5.0	100	0.072	27.0		210.0	150.00	4.90	1.5	4.10	50	156.00	250	0.25	0.25	6.8	0.130	15.00	37	56.0	1	7.00	1.7	70.0	25	
A-186	7.0	5.0	0.00083	0.002	0.090	20.0	2.0	10	0.073	13.0		270.0	24.00	5.10	1.5	3.30	50	197.00	250	0.25	0.25	8.3	0.090	5.40	35	12.0	1	7.00	1.3	92.0	97	
A-189	2.0	2.0	0.00033	0.002	0.090	23.0	3.0	10	0.070	7.0		280.0	41.00	5.60	1.5	3.80	50	165.00	250	0.25	0.25	9.4	0.080	4.20	38	5.0	1	6.00	1.5	29.0	25	40
A-192	3.0	2.0	0.00033	0.001	0.130	36.0	6.0	13	0.068	8.0		250.0	73.00	5.80	1.5	5.70	50	162.00	250	0.25	0.25	8.7	0.090	2.50	48	15.0	1	5.00	1.8	28.0	25	
A-195	2.0	1.0	0.00017	0.001	0.100	32.0	2.0	14	0.087	13.0		270.0	54.00	6.00	1.5	4.90	50	176.00	250	0.25	0.25	10.0	0.080	6.20	43	8.0	1	6.00	1.9	22.0	25	26
A-198	2.0	1.0	0.00017	0.001	0.140	33.0	7.0	10	0.092	17.0		210.0	40.00	6.50	1.5	6.30	50	233.00	250	0.25	0.25	8.6	0.100	4.70	54	18.0	1	6.00	2.0	39.0	25	
B-841	402.0	424.0	0.07074	0.098	0.180	26.0	6.0	12	0.033	19.0		140.0	4.90	5.00	1.5	3.00	50	224.00	250	1.30	0.25	8.0	0.070	2.50	45	15.0	2	4.00	1.0	85.0	71	
B-844	159.0	177.0	0.02953	0.049	0.060	22.0	5.0	140	0.037	26.0	28	190.0	11.00	4.50	1.5	2.60	50	101.00	250	0.25	0.25	8.2	0.070	1.80	35	13.0	4	2.00	0.6	34.0	25	48
B-847	316.0	336.0	0.05605	0.082	0.060	15.0	4.0	10	0.043	35.0		210.0	22.00	5.10	1.5	2.00	50	72.00	250	0.25	0.25	17.0	0.060	6.70	27	9.0		6.00	1.2	42.0	25	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Sc	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
B-850	319.0	327.0	0.05455	0.069	0.040	25.0	3.0	11	0.041	16.0	16	220.0	14.00	6.30	1.5	4.10	50	108.00	250	0.25	0.25	7.5	0.130	2.80	48	12.0	3	4.00	0.9	30.0	25	24
B-853	477.0	491.0	0.08191	0.096	0.110	16.0	7.0	10	0.056	22.0		180.0	6.10	4.30	1.5	3.20	50	195.00	250	0.25	0.25	8.2	0.060	1.90	34	12.0	2	7.00	0.9	90.0	62	
B-856	511.0	570.0	0.09509	0.114	0.120	15.0	6.0	10	0.038	19.0	16	190.0	5.90	4.00	1.5	2.20	50	124.00	250	1.50	0.25	6.1	0.050	2.30	30	14.0	2	6.00	0.9	56.0	59	48
B-859	744.0	736.0	0.12279	0.138	0.270	16.0	9.0	11	0.047	21.0		150.0	3.90	4.10	1.5	2.80	50	250.00	250	0.25	0.25	6.3	0.050	3.90	29	8.0	3	7.00	0.9	48.0	69	
B-862	541.0	578.0	0.09643	0.083	0.590	11.0	8.0	11	0.032	20.0	10	140.0	1.60	4.20	1.5	2.50	50	287.00	250	1.40	0.25	5.9	0.050	2.00	27	7.0	2	7.00	1.0	39.0	25	32
B-865	446.0	503.0	0.08392	0.088	1.360	23.0	6.0	13	0.069	20.0		160.0	1.20	8.20	1.5	3.60	50	499.00	250	0.25	0.25	7.2	0.170	4.30	61	6.0	2	16.00	1.8	87.0	112	
B-868	1246.0	1230.0	0.20520	0.243	0.300	21.0	4.0	10	0.042	16.0	6	180.0	1.70	3.80	1.5	2.90	50	258.00	250	0.25	0.25	7.3	0.040	3.00	29	10.0	3	10.00	1.1	147.0	163	140
B-871	1080.0	1100.0	0.18351	0.215	0.400	20.0	19.0	10	0.049	24.0	8	160.0	2.90	4.00	1.5	3.00	50	249.00	250	0.25	0.50	6.9	0.060	6.30	29	9.0	0.5	8.00	0.9	100.0	95	72
B-874	1137.0	1190.0	0.19853	0.209	0.270	16.0	5.0	10	0.046	21.0		150.0	2.80	3.60	1.5	2.70	50	243.00	250	0.25	0.25	6.2	0.060	3.00	25	10.0	3	10.00	1.3	115.0	113	
B-877	389.0	421.0	0.07024	0.072	0.920	23.0	7.0	12	0.058	20.0	20	150.0	2.30	4.00	1.5	3.50	50	346.00	250	1.50	0.25	7.9	0.090	3.20	28	12.0	2	12.00	1.6	129.0	138	90
B-880	708.0	758.0	0.12646	0.09	1.430	26.0	18.0	15	0.085	20.0		140.0	1.20	9.90	1.5	5.10	50	549.00	250	0.25	0.25	8.6	0.220	6.30	78	13.0	0.5	22.00	2.7	260.0	293	
B-883	640.0	660.0	0.11011	0.1	1.660	28.0	4.0	14	0.084	14.0	10	140.0	0.90	9.50	1.5	4.40	50	688.00	250	0.25	0.25	7.7	0.240	4.10	82	13.0	5	17.00	1.7	42.0	25	30
B-886	1190.0	1240.0	0.20687	0.051	0.970	21.0	7.0	11	0.051	16.0		150.0	1.20	4.00	1.5	2.60	50	309.00	250	1.70	0.25	6.4	0.070	3.60	29	12.0	2	8.00	1.1	47.0	25	
B-889	777.0	836.0	0.13947	0.135	0.550	12.0	4.0	10	0.044	16.0	8	180.0	1.30	3.80	1.5	2.40	50	215.00	250	0.25	0.25	8.0	0.060	3.70	26	31.0	7	8.00	1.0	79.0	92	56
B-892	668.0	756.0	0.12612	0.118	0.450	15.0	2.0	10	0.046	16.0		200.0	1.30	3.70	1.5	2.30	50	201.00	250	0.25	0.25	6.9	0.060	3.80	27	38.0	3	7.00	1.1	43.0	82	
B-895	575.0	627.0	0.10460	0.116	1.500	21.0	3.0	13	0.056	26.0	6	120.0	0.90	5.20	1.5	3.20	50	520.00	250	0.25	0.25	6.6	0.140	3.00	39	39.0	11	12.00	1.1	72.0	147	52
B-898	482.0	504.0	0.08408	0.084	0.900	18.0	31.0	96	0.072	22.0		120.0	1.90	5.40	1.5	4.40	50	324.00	890	1.10	0.60	6.6	0.100	4.40	39	32.0	2	19.00	2.7	333.0	269	
B-901	543.0	538.0	0.08975	0.098	1.160	22.0	8.0	97	0.057	18.0	8	150.0	1.70	4.00	1.5	3.40	50	375.00	250	1.50	1.10	6.6	0.090	5.70	29	350.0	350	16.00	1.6	322.0	335	296
B-904	863.0	903.0	0.15065	0.156	0.080	32.0	10.0	10	0.054	16.0		180.0	2.80	3.60	1.5	4.60	50	110.00	250	1.40	0.25	5.9	0.060	2.90	28	650.0	750	12.00	1.6	133.0	153	
B-907	558.0	625.0	0.10427	0.094	0.770	31.0	4.0	10	0.062	10.0	10	150.0	6.00	4.60	1.5	3.80	50	284.00	250	0.25	0.25	6.4	0.100	2.70	35	1400.0	625	13.00	1.6	32.0	25	30
B-910	917.0	940.0	0.15682	0.163	0.040	19.0	7.0	10	0.048	15.0		200.0	3.40	3.90	1.5	3.70	50	42.00	250	1.20	0.25	6.6	0.070	3.10	29	21.0	3	10.00	1.5	135.0	159	
B-913	692.0	616.0	0.10277	0.106	0.090	14.0	4.0	10	0.049	27.0	20	220.0	4.70	4.10	1.5	2.40	50	116.00	250	1.00	0.80	7.0	0.060	3.00	27	25.0	0.5	6.00	1.5	42.0	25	32
B-916	1159.0	1120.0	0.18685	0.166	0.100	18.0	6.0	10	0.043	24.0		190.0	3.20	3.70	1.5	2.60	50	132.00	250	0.60	0.25	7.0	0.060	1.80	25	19.0	0.5	7.00	1.2	22.0	25	
B-919	1082.0	1120.0	0.18685	0.19	0.120	21.0	7.0	10	0.042	26.0	26	170.0	2.90	3.70	1.5	2.50	50	167.00	250	0.25	0.25	6.0	0.060	3.90	25	20.0	2	7.00	1.0	16.0	25	18
B-922	806.0	760.0	0.12679	0.114	0.110	20.0	5.0	10	0.042	19.0		190.0	5.30	4.00	1.5	2.40	50	137.00	250	0.80	0.25	6.0	0.050	2.00	25	18.0	0.5	6.00	1.0	16.0	25	
B-925	878.0	890.0	0.14848	0.17	0.250	10.0	7.0	10	0.042	17.0	14	200.0	2.20	3.40	1.5	1.40	50	271.00	250	0.25	0.25	6.1	0.050	2.00	18	20.0	2	6.00	1.0	33.0	25	30
B-928	1587.0	1530.0	0.25525	0.24	0.140	18.0	4.0	74	0.045	15.0		150.0	150.00	3.60	1.5	2.60	50	187.00	250	0.25	0.25	6.6	0.080	2.60	25	18.0	3	8.00	1.1	103.0	86	
B-931	1810.0	1890.0	0.31531	0.359	0.090	25.0	8.0	10	0.041	16.0	18	190.0	6.40	3.40	1.5	3.20	50	132.00	250	0.25	0.25	6.3	0.060	2.60	23	12.0	3	8.00	1.4	220.0	244	200
B-934	2423.0	2450.0	0.40873	0.498	0.160	13.0	5.0	10	0.044	13.0		170.0	4.00	3.50	1.5	2.50	50	224.00	250	0.90	0.25	5.6	0.060	2.10	22	14.0	4	7.00	1.2	108.0	128	
B-937	1357.0	1440.0	0.24024	0.3	0.340	15.0	5.0	10	0.045	13.0	6	170.0	2.70	3.80	1.5	2.80	50	255.00	250	0.90	0.25	6.3	0.060	3.10	25	11.0	2	7.00	1.4	116.0	133	100
B-940	1178.0	1090.0	0.18184	0.23	0.190	9.0	5.0	10	0.047	16.0		200.0	3.20	2.60	1.5	1.50	50	221.00	250	0.25	0.25	5.3	0.050	1.90	14	21.0	3	5.00	0.8	10.0	25	
B-943	688.0	693.0	0.11561	0.144	0.200	14.0	5.0	10	0.040	15.0	8	200.0	2.10	2.40	1.5	1.90	50	246.00	250	0.25	0.25	5.6	0.050	1.30	11	20.0	3	4.00	0.9	10.0	25	16
B-946	564.0	601.0	0.10026	0.134	0.200	2.5	4.0	10	0.046	13.0		230.0	2.10	2.70	1.5	1.10	50	235.00	250	0.25	0.25	6.6	0.040	2.10	11	24.0	0.5	4.00	1.1	13.0	25	
B-949	4.0	4.0	0.00067	0.001	0.220	25.0	4.0	10	0.070	12.0	2	280.0	2.10	6.00	1.5	3.90	50	352.00	570	1.60	0.25	11.0	0.060	5.70	38	13.0	0.5	6.00	1.2	25.0	25	24
B-952	3.0	2.0	0.00033	0.002	0.520	30.0	5.0	10	0.066	5.0		280.0	5.60	5.20	1.5	5.60	50	176.00	250	0.25	0.25	11.0	0.090	11.00	43	9.0	4	8.00	1.9	19.0	25	
B-955	2.0	2.0	0.00033	0.001	1.670	22.0	6.0	11	0.066	5.0	2	280.0	2.40	4.70	1.5	4.10	50	95.00	250	2.10	0.25	11.0	0.090	11.00	41	13.0	2	7.00	2.1	24.0	51	24
B-958	12.0	17.0	0.00284	0.003	1.810	23.0	6.0	11	0.068	5.0		270.0	4.70	4.90	1.5	5.00	50	246.00	250	0.25	0.25	12.0	0.100	5.70	36	5.0	0.5	7.00	2.1	20.0	25	
B-961	30.0	36.0	0.00601	0.007	1.590	15.0	9.0	11	0.070	5.0	8	210.0	3.30	5.20	1.5	4.20	50	243.00	250	0.25	0.60	9.5	0.090	4.70	34	0.5	0.5	8.00	1.9	22.0	25	26
B-964	2.0	2.0	0.00033	0.002	1.940	35.0	12.0	110	0.069	5.0		150.0	3.80	4.70	1.5	5.20	50	271.00	250	1.80	0.25	9.9	0.090	5.30	37	4.0	0.5	8.00	1.8	19.0	25	
B-967	2.0	2.0	0.00033	0.001	2.070	16.0	3.0	11	0.070	5.0	14	120.0	3.40	5.00	1.5	4.20	50	374.00	250	0.25	0.25	10.0	0.080	5.60	34	0.5	0.5	10.00	1.8	24.0	25	24
B-970	2.0	5.0	0.00083	0.002	1.020	22.0	3.0	10	0.069	9.0		140.0	19.00	4.90	1.5	4.00	50	223.00	250	0.25	0.25	11.0	0.110	5.50	37	3.0	0.5	10.00	1.8	32.0	25	
B-973	4.0	8.0	0.00133	0.002	2.340	21.0	3.0	12	0.064	9.0	10	81.0	2.50	4.70	1.5	3.70	50	521.00	250	0.25	0.25	11.0	0.170	5.20	35	0.5	0.5	11.00	1.7	23.0	25	24
B-976	2.0	1.0	0.00017	0.003	2.800	17.0	4.0	12	0.065	5.0		80.0	1.60	4.80	1.5	4.00	50	555.00	250	0.25	0.25	11.0	0.170	5.50	38	0.5	0.5	11.00	1.7	22.0	25	
B-979	2.0	1.0	0.00017	0.001	0.090	24.0	2.0	10	0.068	8.0	9	170.0	18.00	5.00	1.5	4.00	50	176.00	250	0.25	0.25	10.0	0.200	4.20	40	0.5	3	7.00	1.5	18.0	25	16
B-982	2.0	4.0	0.00067	0.001	2.080	23.0	2.0	11	0.070	12.0		110.0	3.10	5.20	1.5	4.50	50	480.00	250	2.00	0.25	11.0	0.190	5.70	40	0.5	0.5	13.00	1.7	19.0	25	
B-985	2.0	2.0	0.00033	0.002	3.040	22.0	2.0	12	0.072	5.0	16	72.0	1.10	5.50	1.5	5.60	50	420.00	250	1.40	0.25	11.0	0.180	5.10	39	3.0	0.5	16.00	2.1	15.0	25	16
B-988	2.0	1.0	0.00017	0.001	3.060	25.0	4.0	13	0.074	6.0		90.0	1.10	6.50	1.5	5.60	50	432.00	250	1.80	0.25	11.0	0.200	5.30	37	0.5	0.5	12.00	1.9	20.0	25	
B-991	2.0	2.0	0.00033	0.002	1.220	27.0	5.0	10	0.075	5.0	16	180.0	2.70	6.10	1.5	5.10	50	269.00	250	0.25	0.25	11.0	0.200	4.10	40	0.5	0.5	11.00	1.8	20.0	25	26
B-994	1722.0	1610.0	0.26860	0.534	0.040	13.0	5.0	10	0.041	10.0		110.0	2.70	3.00	1.5	1.70	50	79.00	250	0.70	0.25	4.7	0.120	1.70	26	4.0	2	6.00	0.7	14.0	25	
B-997	5.0	5.0	0.00083	0.003	1.870	21.0	5.0	10	0.073	6.0	14	150.0	1.70	4.20	1.5	4.60	50	372.00	250	0.25	0.25	11.0	0.170	4.20	42	0.5	0.5	12.00	1.9	18.0	25	22
C-001	460.0	476.0	0.07941	0.103	1.340	11.0	10.0	10	0.048	10.0		120.0	1.00	6.90	1.5	2.10	50	306.00	250	0.25	0.25	6.8	0.200	3.00	60	4.0	4	8.00	1.1	26.0	25	
C-004	867.0	899.0	0.14998	0.202	0.340	11.0	13.0	10	0.039	9.0	10	140.0	3.60	9.40	1.5	2.00	50	241.00	250	0.80	0.25	8.3	0.230	2.70	77	24.0	8	7.00	1.2	31.0	25	26
C-007	25.0	32.0	0.00534	0.007	0.030	12.0	17.0	74	0.046	5.0		200.0	4.70	9.60	1.5	2.40	50	418.00	250	1.30	0.25	8.2	0.200	2.70	79	39.0	0.5	11.00	1.5	30.0	25	
C-010	1106.0	1140.0	0.19019	0.252	1.330	15.0	16.0	10	0.049	11.0	16	110.0	1.90	11.00	1.5	2.40	50	350.00	250	1.40	0.25	8.8	0.300	3.40	86	3.0	4	11.00	1.5	33.0	50	30
C-013	382.0	427.0	0.07124	0.09	1.570	14.0	12.0	10	0.057	7.0		100.0	1.10	9.90	1.5	2.80	50	335.00	250	0.25	0.25	8.9	0.270	3.20	82	5.0	2	10.00	1.6	29.0	25	
C-026	285.0	256.0	0.04271	0.054	0.170	24.0	2.0	15	0.027	63.0		120.0	4.70	8.40	1.5	3.70	50	237.00	250	1.10	0.25	9.4	0.140	1.40	68	24.0	3	4.00	1.3	14.0	25	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Se	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
C-029	254.0	257.0	0.04288	0.051	0.720	2.5	2.0	17	0.014	26.0	28	130.0	0.90	4.80	1.5	1.70	50	219.00	250	0.25	0.25	3.6	0.090	1.80	45	19.0	6	2.00	0.8	11.0	25	16
C-032	208.0	204.0	0.03403	0.042	0.530	2.5	4.0	17	0.039	50.0		88.0	4.80	6.10	1.5	2.00	50	207.00	250	0.25	0.25	15.0	0.070	1.90	38	16.0	3	2.00	0.9	12.0	59	
C-035	186.0	164.0	0.02736	0.037	0.520	20.0	4.0	16	0.059	24.0	610	110.0	2.20	8.20	1.5	2.60	50	211.00	250	0.25	0.25	10.0	0.100	2.00	59	20.0	3	4.00	1.4	32.0	25	44
C-038	214.0	212.0	0.03537	0.039	0.190	19.0	2.0	15	0.040	35.0		140.0	8.00	6.20	1.5	2.50	50	164.00	750	0.25	0.25	12.0	0.060	1.10	39	20.0	2	2.00	0.9	12.0	25	
C-041	260.0	261.0	0.04354	0.051	0.190	21.0	2.0	16	0.049	41.0	60	130.0	3.60	8.50	1.5	2.90	50	162.00	250	0.25	0.25	12.0	0.080	2.00	51	23.0	4	4.00	1.2	16.0	25	16
C-044	223.0	228.0	0.03804	0.043	0.100	21.0	2.0	16	0.058	30.0		120.0	4.10	6.80	1.5	3.00	50	136.00	620	0.25	0.25	12.0	0.070	1.80	35	21.0	6	2.00	0.7	13.0	25	
C-047	137.0	147.0	0.02452	0.021	0.840	22.0	10.0	20	0.055	18.0	32	120.0	0.90	5.70	1.5	3.20	50	239.00	250	1.70	0.25	8.5	0.060	3.90	35	16.0	2	6.00	1.2	86.0	25	66
C-049	153.0	159.0	0.02653	0.027	1.100	17.0	10.0	21	0.067	21.0	30	110.0	1.60	8.10	1.5	2.80	50	252.00	250	0.25	0.25	9.1	0.080	5.20	49	18.0	2	6.00	1.4	142.0	218	130
C-050	197.0	198.0	0.03303	0.04	0.180	19.0	23.0	19	0.166	1560.0		160.0	23.00	15.00	1.5	3.70	50	156.00	250	0.25	0.25	11.0	0.050	5.80	62	17.0	3	5.00	1.1	140.0	250	
C-051	214.0	222.0	0.03704	0.041	0.500	17.0	20.0	18	0.083	27.0	44	140.0	1.80	8.40	1.5	4.50	50	159.00	250	0.25	0.25	8.9	0.090	3.70	58	17.0	7	10.00	1.8	156.0	184	154
C-052	170.0	152.0	0.02536	0.068	0.330	27.0	41.0	13	0.158	76.0		150.0	5.00	13.00	1.5	3.60	50	123.00	250	0.25	0.25	12.0	0.100	6.00	78	18.0	4	10.00	1.5	120.0	124	
C-053	172.0	186.0	0.03103	0.041	0.760	28.0	31.0	15	0.103	28.0	36	140.0	3.30	9.20	5.0	4.20	50	213.00	250	0.25	0.25	12.0	0.090	5.00	64	21.0	5	12.00	2.2	126.0	142	106
C-054	189.0	188.0	0.03136	0.071	0.410	19.0	23.0	13	0.076	19.0		150.0	11.00	11.00	1.5	3.90	50	162.00	250	1.40	0.25	12.0	0.130	3.30	76	21.0	4	13.00	2.4	116.0	147	
C-055	336.0	290.0	0.04838	0.042	0.070	19.0	13.0	10	0.056	24.0	40	120.0	26.00	5.20	1.5	2.50	50	89.00	250	0.80	0.25	9.1	0.080	3.70	50	12.0	0.5	6.00	1.2	28.0	25	48
C-056	213.0	209.0	0.03487	0.097	0.080	13.0	13.0	10	0.060	21.0		130.0	51.00	6.30	1.5	2.50	50	90.00	250	0.70	0.25	8.7	0.090	3.60	42	13.0	23	6.00	1.0	50.0	25	
C-057	565.0	518.0	0.08642	0.098	0.120	22.0	17.0	11	0.080	35.0	38	140.0	14.00	7.30	1.5	3.60	50	97.00	250	0.25	0.25	8.7	0.070	3.70	43	17.0	18	8.00	1.5	62.0	73	50
C-058	734.0	676.0	0.11278	0.136	0.430	19.0	33.0	12	0.107	23.0		110.0	13.00	8.80	1.5	3.40	50	156.00	250	1.10	0.25	8.3	0.080	4.60	50	14.0	17	8.00	1.6	51.0	77	
C-059	314.0	291.0	0.04855	0.064	0.340	16.0	47.0	12	0.127	21.0	32	130.0	19.00	8.70	1.5	3.40	50	212.00	250	0.25	0.25	9.9	0.090	3.40	52	18.0	14	11.00	1.6	69.0	50	58
C-060	280.0	266.0	0.04438	0.058	0.110	24.0	29.0	11	0.124	16.0		130.0	42.00	9.10	1.5	4.30	50	133.00	250	1.00	0.60	11.0	0.110	4.60	57	21.0	22	10.00	2.1	42.0	25	
C-143	763.0	765.0	0.12762	0.162	0.460	13.0	5.0	12	0.059	89.0	94	140.0	7.40	4.60	1.5	2.80	50	317.00	250	0.25	0.25	8.0	0.070	1.00	34	11.0	3	11.00	1.5	375.0	475	506
C-146	723.0	728.0	0.12145	0.147	0.510	16.0	6.0	120	0.056	43.0		110.0	1.30	4.50	1.5	2.90	50	349.00	250	0.25	0.25	8.0	0.070	2.20	32	11.0	3	12.00	1.5	47.0	59	
C-149	867.0	925.0	0.15432	0.173	0.390	19.0	14.0	10	0.053	52.0	60	120.0	6.80	6.00	1.5	3.30	50	262.00	720	0.25	0.25	8.5	0.130	1.80	47	15.0	8	12.00	1.7	79.0	25	62
C-152	401.0	463.0	0.07724	0.077	0.380	17.0	14.0	11	0.046	24.0		120.0	2.70	8.50	1.5	3.50	50	226.00	250	0.25	0.25	9.2	0.160	4.50	58	19.0	13	12.00	2.4	37.0	25	
C-155	580.0	599.0	0.09993	0.134	0.440	20.0	5.0	10	0.062	18.0	6	82.0	3.30	4.60	1.5	3.10	50	246.00	250	0.25	0.25	6.1	0.130	1.90	34	9.0	8	10.00	1.6	27.0	25	24
C-158	518.0	503.0	0.08392	0.093	1.020	17.0	5.0	12	0.073	55.0		130.0	1.50	5.00	1.5	3.60	50	426.00	250	0.25	0.50	6.5	0.150	2.90	41	11.0	12	16.00	2.7	85.0	77	
C-161	1182.0	1190.0	0.19853	0.22	1.010	13.0	5.0	11	0.050	28.0	18	80.0	0.80	3.90	1.5	2.70	50	462.00	250	0.25	0.50	6.5	0.090	2.40	27	7.0	8	12.00	1.3	18.0	25	26
C-164	2140.0	2280.0	0.38037	0.465	0.870	18.0	4.0	10	0.059	30.0		89.0	1.70	4.50	1.5	3.10	50	477.00	800	1.00	0.25	6.6	0.100	1.10	31	5.0	18	13.00	1.5	24.0	25	
C-167	1178.0	1120.0	0.18685	0.214	0.620	11.0	8.0	10	0.039	42.0	42	110.0	1.40	4.40	1.5	2.30	50	321.00	250	0.25	0.25	8.0	0.080	3.00	26	16.0	5	8.00	1.8	49.0	25	42
C-170	1489.0	1420.0	0.23690	0.263	1.220	17.0	6.0	12	0.051	120.0		89.0	0.70	4.90	1.5	2.90	50	505.00	810	0.25	0.25	7.9	0.110	3.00	31	13.0	2	14.00	2.0	49.0	25	
C-173	1807.0	1800.0	0.30029	0.28	0.610	23.0	13.0	12	0.085	47.0		100.0	2.70	8.30	1.5	4.70	50	366.00	250	0.25	0.70	9.0	0.210	4.50	54	27.0	3	16.00	2.9	48.0	81	
C-176	1040.0	1070.0	0.17851	0.194	1.190	14.0	2.0	12	0.071	19.0	24	74.0	1.30	5.60	1.5	3.10	50	624.00	1000	0.25	0.25	7.3	0.160	2.10	39	4.0	4	14.00	1.8	30.0	25	28
C-179	1941.0	1950.0	0.32532	0.325	1.060	18.0	3.0	11	0.052	31.0		110.0	1.00	4.60	1.5	2.80	50	491.00	250	1.60	0.25	7.4	0.130	2.00	32	10.0	0.5	12.00	1.5	29.0	25	
C-182	1029.0	1050.0	0.17517	0.182	0.430	22.0	7.0	10	0.052	87.0	44	100.0	9.60	4.80	1.5	3.60	50	247.00	790	0.25	0.25	7.0	0.130	3.50	33	16.0	2	10.00	1.8	64.0	25	30
C-185	1339.0	1320.0	0.22022	0.216	1.120	15.0	6.0	11	0.060	17.0		67.0	0.90	5.00	1.5	3.20	50	511.00	830	1.50	0.25	7.5	0.140	2.10	37	5.0	0.5	16.00	1.5	28.0	25	
C-188	2089.0	2090.0	0.34867	0.386	0.950	14.0	4.0	10	0.039	24.0	24	110.0	0.90	3.40	1.5	2.30	50	490.00	250	0.25	0.25	7.4	0.060	2.10	18	12.0	0.5	12.00	1.7	30.0	25	28
C-191	1578.0	1590.0	0.26526	0.32	1.020	18.0	9.0	10	0.047	20.0		110.0	2.50	4.90	1.5	3.20	50	540.00	830	1.20	0.25	8.3	0.110	3.60	30	22.0	2	17.00	3.0	52.0	25	
C-194	2441.0	2630.0	0.43876	0.46	0.580	21.0	3.0	10	0.045	28.0	34	120.0	1.90	4.10	1.5	3.60	50	398.00	620	0.90	0.25	8.2	0.070	2.50	28	18.0	0.5	12.00	2.3	83.0	87	84
C-197	829.0	844.0	0.14080	0.164	0.610	18.0	5.0	10	0.052	96.0		120.0	4.20	4.40	1.5	2.80	50	285.00	250	0.25	0.25	8.4	0.080	6.30	30	20.0	3	12.00	2.0	87.0	120	
C-200	1265.0	1180.0	0.19686	0.244	0.710	13.0	4.0	10	0.054	262.0		94.0	1.70	4.90	1.5	2.80	50	422.00	500	0.25	0.25	6.2	0.120	0.25	34	13.0	0.5	13.00	1.4	159.0	214	
C-203	1649.0	1700.0	0.28361	0.302	0.150	14.0	7.0	10	0.042	182.0	150	150.0	17.00	3.70	1.5	2.80	50	283.00	250	0.80	0.25	7.2	0.050	1.90	33	23.0	3	8.00	1.8	159.0	185	132
C-206	1560.0	1530.0	0.25525	0.282	0.150	14.0	12.0	10	0.044	69.0		88.0	3.10	7.20	1.5	3.20	50	252.00	250	0.25	0.50	6.9	0.130	3.50	46	31.0	2	12.00	1.9	101.0	153	
C-209	1277.0	1250.0	0.20854	0.26	0.470	17.0	4.0	10	0.047	145.0	118	110.0	1.70	3.90	1.5	2.90	50	372.00	500	0.90	0.25	7.6	0.100	3.10	22	22.0	3	13.00	1.9	282.0	343	242
C-212	1085.0	917.0	0.15298	0.194	0.210	20.0	4.0	10	0.051	53.0		130.0	3.20	4.20	1.5	3.60	50	288.00	250	0.25	0.25	7.4	0.080	3.20	25	22.0	3	11.00	1.9	61.0	65	
C-215	1140.0	1170.0	0.19519	0.264	0.680	18.0	4.0	10	0.072	603.0	640	120.0	19.00	3.20	1.5	3.80	50	408.00	640	0.25	0.60	8.3	0.050	3.00	17	24.0	3	12.00	2.0	264.0	327	296
C-218	1256.0	1240.0	0.20687	0.238	1.050	14.0	6.0	10	0.057	57.0		120.0	2.00	4.50	1.5	2.50	50	542.00	620	0.25	0.25	7.1	0.080	3.20	27	16.0	0.5	11.00	1.1	69.0	84	
C-221	1343.0	1370.0	0.22856	0.252	0.590	16.0	4.0	10	0.050	47.0	48	130.0	1.30	4.00	1.5	2.70	50	353.00	580	0.70	0.25	7.8	0.070	2.90	25	28.0	7	11.00	1.4	256.0	381	172
C-224	1132.0	1070.0	0.17851	0.35	0.700	20.0	7.0	10	0.057	54.0		120.0	1.00	4.60	1.5	3.30	50	686.00	940	0.90	0.25	7.9	0.100	2.90	35	21.0	6	11.00	1.6	68.0	57	
C-227	1693.0	1780.0	0.29696	0.202	0.300	17.0	7.0	10	0.054	75.0	46	120.0	3.80	4.80	1.5	2.80	50	294.00	580	0.80	0.70	6.3	0.100	1.70	35	36.0	0.5	12.00	1.8	124.0	143	74
C-230	1422.0	1450.0	0.24190	0.26	0.740	18.0	15.0	10	0.046	97.0		130.0	0.60	4.30	1.5	3.90	50	630.00	1100	0.25	0.60	7.1	0.090	3.90	26	25.0	2	13.00	1.9	135.0	171	
C-233	953.0	927.0	0.15465	0.165	1.090	20.0	46.0	11	0.069	49.0	50	100.0	0.80	9.30	1.5	3.90	50	674.00	980	1.00	0.60	7.3	0.150	3.40	72	32.0	3	13.00	2.0	116.0	94	104
C-236	1263.0	1140.0	0.19019	0.24	1.160	25.0	7.0	10	0.038	41.0		91.0	1.10	3.20	1.5	4.90	50	681.00	1000	0.90	0.90	7.0	0.080	2.60	23	12.0	5	16.00	2.4	62.0	74	
C-239	1435.0	1400.0	0.23356	0.26	0.220	12.0	11.0	10	0.058	108.0	124	120.0	6.90	4.90	1.5	3.20	50	292.00	520	0.80	0.50	8.0	0.100	2.60	35	29.0	3	11.00	1.7	71.0	99	80
C-242	1481.0	1090.0	0.18184	0.312	0.670	18.0	18.0	10	0.055	55.0		84.0	0.60	3.60	1.5	2.70	50	629.00	740	0.25	0.25	5.4	0.120	6.00	39	12.0	6	13.00	1.2	77.0	25	
C-667	1851.0	1850.0	0.30864	0.362	1.270	17.0	9.0	10	0.057	25.0		92.0	0.50	4.60	1.5	3.40	50	1092.00	1600	0.25	0.25	6.7	0.120	3.40	29	8.0	85	16.00	1.8	40.0	25	
C-670	1321.0	1400.0	0.23356	0.249	0.490	20.0	23.0	10	0.061	36.0	44	120.0	0.90	9.30	1.5	3.60	50	306.00	250	0.70	0.60	7.6	0.180	2.20	77	17.0	105	14.00	2.1	192.0	204	250
C-673	1325.0	1310.0	0.21855	0.233	1.110	17.0	8.0	10	0.048	26.0		97.0	0.70	3.90	1.5	2.80	50	417.00	670	0.70	0.25	7.3	0.100	3.00	29	8.0	5	12.00	1.3	31.0	25	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Sc	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
C-676	1445.0	1350.0	0.22522	0.308	0.810	16.0	13.0	10	0.066	28.0	76	120.0	0.50	6.50	1.5	3.10	50	288.00	250	1.30	0.50	8.4	0.120	3.00	65	11.0	135	12.00	1.6	61.0	52	76
C-679	1293.0	1220.0	0.20353	0.251	0.800	18.0	24.0	99	0.064	19.0		100.0	0.50	10.00	1.5	4.00	50	295.00	250	0.25	0.60	7.3	0.160	2.80	112	14.0	2	16.00	2.6	49.0	25	
C-682	1707.0	1560.0	0.26025	0.355	1.130	13.0	6.0	10	0.033	13.0		98.0	0.30	3.70	1.5	3.10	50	504.00	700	0.25	0.70	6.2	0.100	2.40	26	8.0	3	19.00	2.5	23.0	25	
C-685	1271.0	1330.0	0.22188	0.236	0.530	19.0	31.0	10	0.089	24.0	30	130.0	1.00	16.00	1.5	4.60	50	284.00	560	0.80	0.80	9.4	0.220	4.70	140	29.0	7	14.00	2.7	48.0	25	50
C-688	1759.0	1650.0	0.27527	0.375	0.750	20.0	19.0	10	0.054	17.0		120.0	0.60	11.00	1.5	4.00	50	310.00	250	0.25	0.25	8.0	0.160	8.70	99	15.0	3	14.00	2.8	29.0	25	
C-691	1268.0	1200.0	0.20020	0.245	0.650	15.0	37.0	10	0.082	11.0	12	94.0	0.30	10.00	1.5	2.70	50	234.00	250	1.20	0.25	6.3	0.190	2.90	100	22.0	11	14.00	2.0	30.0	25	28
C-694	1683.0	1730.0	0.28862	0.355	0.200	16.0	26.0	10	0.080	15.0		93.0	0.90	10.00	1.5	2.70	50	197.00	250	0.25	0.25	6.5	0.150	3.60	115	18.0	7	10.00	1.7	27.0	25	
C-697	1807.0	1740.0	0.29028	0.52	0.980	28.0	20.0	10	0.064	14.0	30	110.0	0.30	13.00	1.5	5.50	50	347.00	250	0.90	0.90	9.2	0.200	6.70	106	11.0	3	19.00	3.6	30.0	25	26
C-700	1549.0	1430.0	0.23857	0.315	0.930	14.0	11.0	10	0.046	12.0		72.0	0.40	3.60	1.5	2.30	50	535.00	700	0.25	0.25	6.6	0.120	2.50	31	10.0	12	11.00	1.0	22.0	25	
C-703	3067.0	3420.0	0.57056	0.64	0.840	2.5	31.0	19	0.060	14.0	16	150.0	0.50	12.00	1.5	3.70	50	328.00	770	0.25	0.25	8.6	0.230	3.80	126	16.0	0.5	12.00	1.9	33.0	25	30
C-704	1848.0	1950.0	0.32532	0.34	0.820	27.0	14.0	17	0.056	20.0		120.0	0.40	7.20	1.5	3.70	50	452.00	250	0.25	0.25	7.6	0.170	3.80	64	7.0	2	12.00	1.6	35.0	25	
C-705	1493.0	1590.0	0.26526	0.298	0.720	2.5	18.0	15	0.065	7.0	16	120.0	0.60	7.50	1.5	2.80	50	409.00	250	0.25	0.25	6.9	0.160	3.00	74	13.0	2	13.00	1.3	28.0	50	28
C-706	2195.0	2350.0	0.39205	0.324	0.730	15.0	23.0	17	0.061	5.0		90.0	0.70	9.00	1.5	3.60	50	299.00	630	0.25	0.25	8.5	0.230	2.50	89	11.0	14	16.00	1.7	31.0	25	
C-707	1908.0	1930.0	0.32198	0.402	1.120	14.0	19.0	17	0.080	7.0	18	90.0	0.50	7.50	1.5	2.60	50	550.00	550	0.25	0.60	5.7	0.190	2.10	65	8.0	11	13.00	1.6	29.0	25	34
C-708	2806.0	2920.0	0.48714	0.54	0.470	12.0	22.0	13	0.109	5.0		120.0	1.70	8.10	1.5	2.80	50	558.00	740	0.25	0.60	6.2	0.150	2.50	67	19.0	13	13.00	1.9	27.0	25	
C-709	1144.0	1220.0	0.20353	0.205	0.190	8.0	17.0	14	0.059	5.0	16	100.0	1.40	6.20	1.5	2.30	50	406.00	250	0.25	0.25	7.4	0.100	3.80	58	16.0	5	8.00	1.4	23.0	25	24
C-710	2173.0	2210.0	0.36869	0.35	0.270	13.0	25.0	15	0.066	6.0		130.0	4.40	7.30	1.5	2.10	50	476.00	250	0.25	0.25	7.2	0.110	4.50	66	19.0	6	8.00	1.6	26.0	25	
C-711	1870.0	2070.0	0.34534	0.432	0.660	2.5	23.0	140	0.068	8.0	20	120.0	4.40	6.20	1.5	2.00	50	624.00	250	0.25	0.25	8.5	0.120	4.00	54	15.0	5	10.00	1.4	26.0	25	20
C-712	2016.0	2390.0	0.39872	0.44	0.220	2.5	16.0	14	0.046	5.0		130.0	8.10	3.50	1.5	2.20	50	272.00	250	0.25	0.25	6.3	0.060	4.10	29	20.0	4	8.00	1.2	15.0	25	
C-713	1230.0	1420.0	0.23690	0.3	0.060	2.5	25.0	13	0.033	10.0	32	79.0	5.10	5.70	1.5	3.40	50	217.00	250	0.25	0.60	4.0	0.040	4.30	65	26.0	4	14.00	2.0	17.0	25	18
C-714	1952.0	2160.0	0.36035	0.362	0.160	12.0	13.0	12	0.051	6.0		200.0	4.60	6.30	1.5	2.60	50	393.00	1100	1.40	0.60	7.9	0.090	4.00	51	35.0	3	8.00	1.6	21.0	25	
C-715	1911.0	2220.0	0.37036	0.365	0.130	10.0	12.0	10	0.044	13.0	16	180.0	3.90	3.90	1.5	1.60	50	526.00	250	1.00	0.25	7.9	0.060	6.20	33	36.0	2	6.00	1.3	21.0	25	20
C-716	3138.0	3620.0	0.60392	0.52	0.650	20.0	31.0	15	0.064	7.0		140.0	2.20	12.00	1.5	3.80	50	519.00	250	1.10	0.60	9.3	0.170	4.50	106	17.0	3	12.00	1.9	30.0	25	
C-717	1797.0	2060.0	0.34367	0.346	0.660	16.0	42.0	15	0.077	10.0	12	140.0	1.60	12.00	1.5	2.90	50	448.00	1100	0.25	0.70	8.7	0.150	5.20	117	35.0	12	11.00	2.0	27.0	25	30
C-718	2183.0	2520.0	0.42041	0.39	0.800	2.5	42.0	16	0.073	6.0		160.0	1.80	12.00	1.5	3.30	50	469.00	730	1.40	0.60	8.2	0.170	5.60	123	13.0	6	11.00	1.9	28.0	25	
C-719	1524.0	1770.0	0.29529	0.237	1.070	21.0	34.0	17	0.081	5.0	68	130.0	1.20	14.00	1.5	3.90	50	361.00	250	0.25	0.25	9.3	0.210	5.00	138	19.0	6	13.00	2.3	32.0	25	36
C-720	2175.0	2500.0	0.41708	0.362	1.430	21.0	112.0	220	0.062	7.0		99.0	1.30	13.00	1.5	4.10	50	248.00	250	1.00	0.25	8.2	0.200	7.80	125	29.0	8	18.00	2.7	38.0	25	
C-721	1707.0	1890.0	0.31531	0.384	0.710	11.0	43.0	14	0.054	5.0	12	70.0	0.40	11.00	1.5	2.40	50	193.00	250	0.25	0.25	3.5	0.130	3.80	191	22.0	13	13.00	2.0	24.0	25	28
C-722	1241.0	1400.0	0.23356	0.197	0.790	14.0	67.0	15	0.124	5.0		65.0	0.40	12.00	1.5	3.10	50	204.00	250	1.00	0.60	2.8	0.150	6.50	293	24.0	3	22.00	2.5	30.0	25	
C-723	989.0	1160.0	0.19352	0.287	0.980	17.0	66.0	18	0.050	9.0	16	150.0	1.10	18.00	1.5	3.60	50	262.00	250	0.25	0.25	7.4	0.230	8.10	393	44.0	19	13.00	2.9	37.0	25	40
C-724	1834.0	2230.0	0.37203	0.424	0.890	14.0	63.0	18	0.048	10.0		110.0	1.10	16.00	1.5	3.60	50	225.00	250	0.25	0.25	5.9	0.200	6.10	301	35.0	12	14.00	2.9	33.0	152	
C-725	920.0	1000.0	0.16683	0.173	0.620	14.0	62.0	12	0.110	6.0	10	79.0	1.50	11.00	1.5	2.80	50	157.00	250	0.25	0.50	2.6	0.100	4.60	205	27.0	15	14.00	2.2	22.0	65	22
C-726	549.0	606.0	0.10110	0.133	0.670	9.0	51.0	12	0.053	5.0	14	100.0	1.60	13.00	1.5	2.10	50	157.00	250	0.80	0.25	2.2	0.130	6.20	188	30.0	8	13.00	2.2	23.0	25	30
C-727	1026.0	1050.0	0.17517	0.19	0.560	14.0	43.0	11	0.040	5.0		110.0	2.50	10.00	1.5	2.20	50	170.00	250	0.25	0.25	2.9	0.090	5.80	183	53.0	13	8.00	1.8	21.0	25	
C-728	576.0	611.0	0.10193	0.1	0.290	8.0	42.0	11	0.036	12.0	6	130.0	3.50	12.00	1.5	1.70	50	218.00	250	0.80	0.25	2.4	0.130	5.00	173	25.0	3	8.00	1.8	33.0	25	30
C-729	3230.0	3750.0	0.62561	0.8	0.620	17.0	33.0	13	0.079	6.0		160.0	3.30	12.00	1.5	3.40	50	255.00	250	0.25	0.70	7.8	0.160	5.10	111	24.0	6	13.00	1.9	27.0	25	
C-730	1512.0	1650.0	0.27527	0.32	1.010	22.0	33.0	15	0.080	7.0	14	140.0	1.50	16.00	1.5	4.90	50	272.00	250	0.25	1.10	11.0	0.200	6.30	158	27.0	5	13.00	2.8	35.0	25	34
C-731	728.0	797.0	0.13296	0.134	1.900	19.0	124.0	170	0.081	10.0		130.0	1.10	13.00	1.5	4.40	50	285.00	250	1.40	0.50	10.0	0.240	7.30	94	250.0	5	17.00	2.5	36.0	25	
C-732	620.0	645.0	0.10761	0.132	2.210	20.0	100.0	190	0.069	12.0	16	72.0	0.40	13.00	1.5	4.20	50	293.00	250	1.60	0.25	9.7	0.250	5.10	107	12.0	125	17.00	2.5	43.0	25	36
C-733	816.0	880.0	0.14681	0.21	1.370	22.0	36.0	16	0.072	13.0		130.0	1.00	16.00	1.5	4.20	50	451.00	250	2.40	0.25	12.0	0.220	7.60	156	32.0	13	12.00	2.8	34.0	107	
C-734	1681.0	1770.0	0.29529	0.345	1.190	19.0	39.0	15	0.069	9.0	12	140.0	0.60	15.00	1.5	4.00	50	326.00	250	0.25	0.25	10.0	0.220	6.50	151	30.0	6	13.00	2.5	38.0	53	32
C-735	903.0	948.0	0.15815	0.185	1.640	27.0	40.0	16	0.077	11.0		110.0	0.60	14.00	1.5	4.60	50	302.00	250	0.25	0.25	11.0	0.210	6.70	136	17.0	8	13.00	2.2	38.0	25	
C-736	2346.0	2550.0	0.42542	0.42	0.850	24.0	40.0	14	0.061	13.0	108	140.0	3.20	15.00	1.5	4.40	50	355.00	250	0.25	0.80	11.0	0.200	8.50	151	45.0	4	12.00	2.4	35.0	25	32
C-737	1540.0	1630.0	0.27193	0.39	1.520	27.0	38.0	15	0.071	13.0		120.0	0.80	16.00	1.5	4.20	50	371.00	250	0.25	0.70	12.0	0.240	17.00	162	12.0	0.5	13.00	2.5	40.0	25	
C-738	1341.0	1330.0	0.22188	0.275	1.200	20.0	37.0	12	0.059	7.0	14	81.0	1.30	12.00	1.5	3.50	50	376.00	660	0.25	0.60	7.9	0.160	8.00	119	21.0	0.5	12.00	2.3	30.0	25	26
C-739	2290.0	2450.0	0.40873	0.425	0.940	20.0	42.0	13	0.095	15.0		130.0	2.10	13.00	1.5	3.50	50	400.00	250	0.25	0.25	7.2	0.170	12.00	120	19.0	2	14.00	2.3	33.0	25	
C-740	1875.0	2160.0	0.36035	0.41	1.200	24.0	38.0	13	0.059	16.0	10	140.0	2.30	13.00	1.5	4.10	50	693.00	1300	0.25	1.20	10.0	0.190	16.00	130	13.0	3	16.00	2.4	28.0	25	28
C-741	2424.0	2790.0	0.46546	0.515	1.560	25.0	39.0	13	0.055	12.0		98.0	2.00	14.00	1.5	4.10	50	298.00	250	0.25	0.80	11.0	0.210	9.00	149	20.0	2	14.00	2.2	31.0	25	
C-742	5226.0	6030.0	1.00598	1.38	0.810	22.0	20.0	100	0.044	9.0	8	79.0	0.50	9.10	1.5	2.70	50	220.00	540	0.25	0.50	6.7	0.130	4.70	85	9.0	4	10.00	1.2	21.0	25	18
C-743	1513.0	1490.0	0.24858	0.0004	1.140	12.0	37.0	12	0.062	13.0		82.0	0.40	12.00	1.5	2.60	50	265.00	250	0.25	0.60	7.2	0.190	5.10	120	25.0	7	12.00	1.9	32.0	25	
C-744	866.0	953.0	0.15899	0.2	1.170	11.0	36.0	11	0.049	15.0	30	98.0	0.40	12.00	1.5	2.60	50	284.00	250	0.25	0.70	6.2	0.180	4.40	103	120.0	4	11.00	2.1	37.0	25	36
C-745	728.0	795.0	0.13263	0.19	1.820	17.0	40.0	14	0.060	17.0		110.0	0.40	16.00	1.5	4.00	50	312.00	910	0.25	0.60	9.9	0.220	7.40	140	48.0	6	14.00	3.1	40.0	25	
C-746	1761.0	1930.0	0.32198	0.525	1.580	21.0	49.0	14	0.069	12.0	8	110.0	0.60	15.00	1.5	4.40	50	313.00	250	0.25	0.60	11.0	0.240	5.70	154	11.0	4	13.00	2.5	34.0	25	38
C-747	1281.0	1300.0	0.21688	0.285	1.930	27.0	80.0	14	0.069	12.0		110.0	0.50	16.00	1.5	4.70	50	342.00	250	0.25	0.90	10.0	0.250	7.60	157	52.0	130	16.00	2.4	38.0	25	
C-748	1936.0	2230.0	0.37203	0.44	1.430	22.0	79.0	13	0.060	13.0	18	98.0	0.80	12.00	1.5	3.90	50	484.00	910	0.25	0.60	9.7	0.190	5.40	113	22.0	14	13.00	2.2	33.0	25	30
C-749	1373.0	1500.0	0.25025	0.31	1.750	23.0	89.0	13	0.068	14.0		100.0	0.50	17.00	1.5	4.20	50	325.00	250	0.25	0.25	12.0	0.280	7.20	174	12.0	5	16.00	2.4	37.0	25	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Se	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
C-750	2443.0	2770.0	0.46212	0.625	1.710	15.0	60.0	13	0.069	18.0	16	110.0	0.90	15.00	1.5	3.80	50	442.00	790	0.25	0.70	11.0	0.230	8.30	150	13.0	5	14.00	2.5	37.0	59	36
C-751	2296.0	2590.0	0.43209	0.485	1.300	23.0	71.0	13	0.071	16.0		120.0	1.70	12.00	1.5	3.90	50	653.00	250	0.25	0.25	11.0	0.170	16.00	114	18.0	2	13.00	2.1	30.0	25	
C-752	1439.0	1620.0	0.27026	0.335	0.490	21.0	28.0	12	0.054	9.0	20	140.0	2.70	15.00	1.5	4.10	50	314.00	250	1.20	0.25	12.0	0.150	9.40	142	31.0	2	13.00	2.9	29.0	25	26
W-003	264.0	257.0	0.04288	0.058	0.420	24.0	5.0	11	0.052	31.0		150.0	8.30	6.00	1.5	2.80	50	235.00	250	0.25	0.25	8.6	0.080	2.20	63	20.0		2.00	1.0	10.0	25	
W-006	453.0	473.0	0.07891	0.084	0.380	22.0	6.0	11	0.067	33.0	22	150.0	21.00	4.50	1.5	3.90	50	285.00	750	0.25	0.25	11.0	0.080	0.25	38	13.0		4.00	0.8	32.0	25	24
W-009	161.0	158.0	0.02636	0.076	0.860	17.0	6.0	10	0.081	24.0		120.0	35.00	9.00	1.5	2.80	50	347.00	250	0.25	0.25	7.4	0.140	2.60	69	21.0		5.00	1.0	40.0	25	
W-012	582.0	635.0	0.10594	0.078	0.690	25.0	16.0	12	0.073	22.0	16	160.0	6.80	11.00	1.5	4.30	50	281.00	250	1.30	0.25	12.0	0.130	3.40	77	27.0		8.00	1.9	76.0	96	49
W-015	311.0	290.0	0.04838	0.075	0.370	29.0	18.0	10	0.067	37.0		130.0	2.10	6.80	1.5	4.40	50	252.00	250	0.90	0.25	8.9	0.090	3.00	53	18.0		11.00	1.8	109.0	131	
W-018	169.0	177.0	0.02953	0.037	0.580	30.0	11.0	85	0.074	33.0	30	160.0	4.70	6.80	1.5	5.30	50	222.00	250	0.25	0.80	8.4	0.090	3.70	43	19.0		11.00	1.8	67.0	83	56
W-021	223.0	223.0	0.03720	0.056	0.290	31.0	16.0	10	0.073	248.0		140.0	28.00	5.20	1.5	5.00	50	238.00	250	0.25	0.70	8.4	0.080	3.80	35	13.0		11.00	1.7	383.0	464	
W-024	299.0	338.0	0.05639	0.078	0.880	19.0	18.0	10	0.067	16.0	22	99.0	1.00	7.40	1.5	3.50	50	199.00	250	0.80	0.25	8.3	0.110	4.20	60	17.0		11.00	1.9	79.0	103	66
W-027	488.0	520.0	0.08675	0.083	0.630	21.0	19.0	10	0.067	23.0		110.0	1.10	6.90	1.5	3.50	50	209.00	580	0.25	0.25	8.2	0.140	4.10	56	14.0		10.00	1.6	67.0	93	
W-030	903.0	896.0	0.14948	0.147	0.410	14.0	10.0	10	0.048	20.0	14	96.0	2.40	3.70	1.5	2.30	50	196.00	250	0.80	0.25	6.7	0.080	2.90	31	12.0		7.00	1.1	70.0	25	58
W-033	845.0	849.0	0.14164	0.174	0.480	17.0	16.0	10	0.059	16.0		110.0	6.50	3.90	1.5	2.50	50	201.00	250	0.25	0.50	7.0	0.070	2.70	32	14.0		8.00	1.3	90.0	60	
W-036	133.0	119.0	0.01985	0.034	1.530	22.0	5.0	10	0.099	14.0	12	89.0	0.80	5.10	1.5	3.60	50	1933.00	3000	1.10	0.25	8.9	0.130	3.70	40	8.0		13.00	1.3	45.0	25	36
W-039	63.0	65.0	0.01084	0.014	0.620	21.0	8.0	10	0.100	21.0		130.0	2.20	5.20	1.5	3.90	50	313.00	250	0.25	0.25	9.0	0.120	4.20	40	9.0		13.00	1.5	60.0	83	
W-042	324.0	325.0	0.05422	0.087	0.110	23.0	31.0	69	0.066	89.0	165	160.0	29.00	7.90	1.5	4.70	50	117.00	250	0.25	0.80	8.7	0.110	4.50	65	14.0		16.00	2.6	178.0	190	182
W-045	366.0	352.0	0.05872	0.157	1.020	21.0	37.0	10	0.055	5.0		140.0	0.90	12.00	1.5	4.10	50	213.00	250	0.60	0.70	10.0	0.250	4.50	96	12.0		14.00	2.3	58.0	56	
W-048	241.0	221.0	0.03687	0.05	1.160	24.0	24.0	10	0.075	18.0	22	100.0	1.60	11.00	1.5	4.60	50	357.00	250	0.80	0.80	9.2	0.240	4.00	91	19.0		18.00	2.7	59.0	25	51
W-051	694.0	732.0	0.12212	0.125	1.370	25.0	41.0	16	0.056	15.0		190.0	1.00	14.00	1.5	4.40	50	228.00	250	0.25	0.25	12.0	0.260	4.90	103	20.0		16.00	2.5	53.0	25	
W-054	353.0	385.0	0.06423	0.061	1.160	25.0	36.0	16	0.054	11.0	16	170.0	1.20	14.00	1.5	4.80	50	230.00	250	0.25	0.25	11.0	0.270	6.50	95	20.0		14.00	2.6	64.0	86	52
W-057	344.0	307.0	0.05122	0.08	0.110	25.0	20.0	11	0.060	48.0		150.0	20.00	6.80	1.5	4.90	50	125.00	250	1.30	1.10	8.2	0.080	3.40	50	16.0		12.00	1.9	94.0	82	
W-060	416.0	398.0	0.06640	0.088	0.710	17.0	17.0	13	0.074	19.0	15	140.0	2.10	7.90	1.5	3.50	50	346.00	250	0.25	0.25	8.5	0.160	3.50	69	11.0		10.00	1.6	110.0	89	44
W-063	334.0	387.0	0.06456	0.095	0.630	24.0	15.0	13	0.079	38.0		130.0	1.20	6.60	1.5	3.90	50	380.00	250	1.50	0.50	9.7	0.140	2.20	58	14.0		8.00	1.6	100.0	85	
W-066	362.0	403.0	0.06723	0.089	0.500	41.0	16.0	14	0.070	15.0	16	160.0	3.20	8.40	1.5	5.20	50	286.00	250	0.25	0.25	8.3	0.140	4.30	64	13.0		11.00	2.0	73.0	87	67
W-095	340.0	356.0	0.05939	0.114	0.120	2.5	9.0	10	0.052	15.0		130.0	6.60	4.50	1.5	1.40	50	150.00	250	1.50	0.25	7.2	0.060	4.70	32	23.0		6.00	1.0	20.0	25	
W-098	654.0	684.0	0.11411	0.148	0.550	21.0	15.0	12	0.077	9.0	26	190.0	1.30	6.40	1.5	3.00	50	507.00	250	0.25	0.25	7.6	0.090	4.90	41	24.0		8.00	1.5	16.0	25	22
W-101	455.0	478.0	0.07974	0.14	0.990	14.0	12.0	14	0.060	23.0		210.0	1.40	8.70	1.5	2.90	50	2634.00	3700	0.25	0.25	9.8	0.140	6.00	62	19.0		8.00	2.0	28.0	25	
W-104	380.0	419.0	0.06990	0.138	1.120	25.0	16.0	15	0.056	43.0	64	180.0	0.90	10.00	1.5	4.80	50	371.00	250	0.25	0.25	10.0	0.150	6.40	67	26.0		12.00	2.2	22.0	25	34
W-107	443.0	369.0	0.06156	0.071	0.540	11.0	7.0	11	0.068	17.0		180.0	1.40	6.40	1.5	2.10	50	255.00	250	1.20	0.25	8.8	0.080	3.90	48	25.0		7.00	1.5	17.0	25	
W-110	1157.0	1170.0	0.19519	0.184	0.440	14.0	15.0	10	0.056	18.0	26	180.0	0.70	6.10	1.5	1.70	50	251.00	250	0.25	0.25	8.8	0.080	9.20	49	53.0		6.00	1.2	21.0	25	28
W-113	678.0	677.0	0.11294	0.147	0.430	22.0	15.0	10	0.054	102.0		170.0	1.30	6.50	1.5	2.80	50	261.00	250	1.20	0.25	6.9	0.100	9.00	54	110.0		7.00	1.3	46.0	25	
W-116	436.0	444.0	0.07407	0.148	0.650	17.0	9.0	10	0.068	31.0	25	150.0	1.00	5.10	1.5	3.30	50	294.00	250	0.25	0.60	6.8	0.080	5.00	38	24.0		8.00	1.3	26.0	25	30
W-119	830.0	741.0	0.12362	0.17	0.970	13.0	7.0	10	0.056	19.0		110.0	0.60	4.90	1.5	2.70	50	349.00	250	0.25	0.25	6.8	0.110	1.90	42	10.0		11.00	1.3	35.0	25	
W-122	441.0	490.0	0.08175	0.137	0.750	19.0	12.0	10	0.048	88.0	46	130.0	0.80	5.30	1.5	3.40	50	316.00	250	0.25	0.25	7.0	0.110	2.30	42	9.0		10.00	1.4	85.0	119	68
W-125	1070.0	1060.0	0.17684	0.286	0.280	24.0	9.0	10	0.047	144.0		150.0	6.40	4.50	1.5	3.60	50	147.00	250	0.25	0.25	6.3	0.080	2.60	51	23.0		7.00	1.8	156.0	219	
W-128	522.0	570.0	0.09509	0.164	0.620	27.0	12.0	11	0.054	97.0	180	150.0	1.40	4.90	1.5	3.40	50	249.00	250	0.25	0.25	7.2	0.090	5.50	44	27.0		7.00	1.7	75.0	124	138
W-131	682.0	724.0	0.12078	0.133	0.900	23.0	22.0	12	0.058	128.0		200.0	1.00	8.40	1.5	4.10	50	304.00	250	0.25	0.25	8.6	0.140	5.40	69	25.0		8.00	2.0	159.0	196	
W-134	423.0	424.0	0.07074	0.168	0.600	31.0	29.0	12	0.060	227.0	152	190.0	1.10	8.80	1.5	4.40	50	202.00	250	2.10	0.25	9.0	0.140	3.20	76	32.0		10.00	2.0	174.0	224	112
W-137	522.0	571.0	0.09526	0.088	0.920	28.0	22.0	12	0.069	52.0		190.0	1.20	7.80	1.5	4.20	50	274.00	250	0.25	0.25	9.5	0.120	3.90	73	48.0		8.00	2.0	90.0	161	
W-140	311.0	321.0	0.05355	0.071	0.840	24.0	21.0	130	0.072	594.0	68	190.0	0.90	8.20	1.5	4.60	50	282.00	250	1.50	0.25	8.5	0.120	4.50	83	33.0		8.00	2.1	102.0	104	122
W-143	386.0	374.0	0.06239	0.09	0.820	29.0	18.0	10	0.064	17.0		210.0	0.80	6.90	1.5	4.40	50	293.00	250	0.25	0.25	8.3	0.090	3.30	58	24.0		8.00	1.9	35.0	25	
W-146	809.0	860.0	0.14347	0.228	0.600	19.0	17.0	130	0.055	24.0	30	180.0	8.00	6.20	1.5	3.60	50	233.00	250	1.20	0.25	7.4	0.090	3.60	58	31.0		7.00	2.1	27.0	25	122
W-149	825.0	836.0	0.13947	0.148	0.470	31.0	13.0	10	0.052	22.0		180.0	3.70	6.30	1.5	5.20	50	245.00	250	0.25	0.70	7.5	0.080	3.80	49	41.0		7.00	2.0	23.0	65	
W-152	731.0	783.0	0.13063	0.202	0.440	17.0	10.0	10	0.046	23.0	112	180.0	1.30	6.90	1.5	3.30	50	246.00	570	0.25	0.80	7.7	0.080	3.50	37	35.0		6.00	2.0	36.0	64	32
W-155	759.0	637.0	0.10627	0.196	0.360	24.0	9.0	120	0.051	16.0		180.0	1.20	5.80	1.5	3.60	50	249.00	250	0.25	0.25	7.0	0.070	3.00	40	42.0		7.00	1.2	23.0	25	
W-158	1241.0	1150.0	0.19185	0.286	0.910	14.0	4.0	10	0.053	15.0	10	120.0	0.70	4.80	1.5	2.40	50	376.00	250	0.25	0.25	6.4	0.090	2.20	32	11.0		10.00	1.4	19.0	25	26
W-161	283.0	305.0	0.05088	0.053	0.980	27.0	12.0	120	0.078	25.0		210.0	4.40	7.30	1.5	4.40	50	261.00	610	0.25	0.25	10.0	0.120	4.80	68	54.0		7.00	1.9	36.0	25	
W-164	342.0	338.0	0.05639	0.05	0.860	14.0	9.0	10	0.071	151.0	178	190.0	3.80	6.20	1.5	3.00	50	272.00	250	1.30	0.25	8.9	0.120	5.90	53	57.0		8.00	1.6	185.0	186	160
W-167	346.0	323.0	0.05389	0.086	1.190	25.0	12.0	10	0.073	87.0		170.0	1.80	6.70	1.5	3.50	50	354.00	250	0.25	0.25	8.8	0.150	3.80	62	68.0		12.00	1.8	79.0	25	
W-170	761.0	741.0	0.12362	0.17	0.930	26.0	3.0	10	0.039	40.0	56	95.0	2.20	4.20	1.5	4.70	50	467.00	250	1.90	0.25	6.9	0.080	2.80	22	15.0		14.00	2.3	61.0	122	126
W-173	777.0	802.0	0.13380	0.195	0.900	20.0	2.0	10	0.040	39.0		140.0	1.80	4.60	1.5	3.70	50	431.00	250	1.80	0.25	7.4	0.080	2.70	23	29.0		12.00	2.0	59.0	25	
W-176	1581.0	1570.0	0.26192	0.35	1.030	24.0	3.0	10	0.038	88.0	92	100.0	1.80	4.10	1.5	3.60	50	418.00	750	0.25	0.50	7.2	0.070	2.90	20	34.0		12.00	1.9	184.0	184	156
W-179	995.0	1010.0	0.16850	0.248	1.350	20.0	3.0	10	0.047	28.0		130.0	1.10	4.80	1.5	3.60	50	612.00	860	0.25	0.25	7.8	0.120	2.70	28	8.0		13.00	1.9	34.0	70	
W-182	624.0	681.0	0.11361	0.148	1.260	28.0	49.0	10	0.060	16.0	32	160.0	2.10	15.00	1.5	4.40	50	255.00	250	0.25	0.60	11.0	0.410	3.50	113	19.0		17.00	2.4	72.0	119	68
W-185	820.0	741.0	0.12362	0.165	1.160	19.0	6.0	110	0.042	61.0		130.0	5.70	4.60	1.5	3.60	50	575.00	850	0.25	0.25	7.4	0.120	3.10	30	19.0		14.00	2.0	189.0	217	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Se	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
W-188	1147.0	1110.0	0.18518	0.264	0.980	18.0	2.0	10	0.044	207.0	76	120.0	3.10	4.20	1.5	3.50	50	442.00	250	0.25	0.60	7.6	0.100	2.60	25	15.0		12.00	1.7	116.0	119	86
W-191	871.0	889.0	0.14831	0.205	1.290	25.0	5.0	10	0.059	23.0		130.0	1.30	5.00	1.5	3.90	50	590.00	710	0.25	0.25	8.5	0.150	3.50	36	22.0		14.00	1.8	76.0	85	
W-194	731.0	715.0	0.11928	0.174	1.220	17.0	2.0	10	0.061	17.0	56	110.0	1.40	4.20	1.5	3.10	50	589.00	830	0.25	0.25	7.5	0.130	3.10	33	10.0		12.00	1.4	42.0	25	46
W-197	1028.0	992.0	0.16550	0.233	1.200	15.0	5.0	10	0.057	27.0		110.0	1.30	4.50	1.5	2.60	50	485.00	250	0.25	0.25	6.3	0.110	2.60	37	8.0		11.00	1.3	112.0	161	
W-200	947.0	889.0	0.14831	0.225	1.420	18.0	5.0	10	0.064	48.0	84	110.0	1.50	5.30	1.5	3.20	50	512.00	980	0.25	0.25	7.1	0.130	2.60	40	9.0		13.00	1.5	62.0	86	152
W-203	5.0	4.0	0.00067	0.003	2.820	27.0	3.0	12	0.211	17.0		100.0	6.00	14.00	1.5	5.10	50	971.00	1400	0.25	0.25	9.7	0.550	4.70	129	0.5		20.00	1.9	69.0	25	
W-206	2.0	2.0	0.00033	0.002	2.860	28.0	2.0	13	0.209	16.0	14	69.0	7.60	14.00	1.5	5.20	50	914.00	250	2.30	0.25	10.0	0.540	4.40	127	4.0		20.00	2.1	69.0	25	78
W-209	892.0	905.0	0.15098	0.175	1.290	17.0	4.0	10	0.057	20.0		130.0	1.40	4.50	1.5	2.50	50	591.00	250	0.25	0.25	6.4	0.110	2.70	29	10.0		12.00	1.2	26.0	25	
W-212	880.0	943.0	0.15732	0.194	1.130	16.0	11.0	10	0.046	47.0	44	150.0	4.50	9.70	1.5	3.20	50	460.00	720	0.25	0.25	9.9	0.180	3.80	62	13.0		14.00	2.8	73.0	66	76
W-215	586.0	604.0	0.10077	0.19	1.450	29.0	5.0	10	0.089	19.0		180.0	7.30	6.00	1.5	4.20	50	539.00	250	0.25	0.60	9.8	0.120	4.60	41	14.0		13.00	1.9	31.0	25	
W-218	1121.0	1140.0	0.19019	0.299	1.180	33.0	5.0	10	0.057	21.0	12	130.0	1.50	5.60	1.5	3.80	50	629.00	730	0.25	0.25	7.2	0.100	3.60	39	15.0		12.00	1.6	25.0	25	27
W-221	782.0	772.0	0.12879	0.205	1.160	29.0	5.0	10	0.061	14.0		170.0	2.50	5.90	1.5	4.10	50	584.00	680	0.25	0.25	7.3	0.080	4.40	43	19.0		11.00	1.6	31.0	25	
W-224	733.0	708.0	0.11812	0.114	0.820	29.0	36.0	10	0.061	19.0	14	120.0	1.20	9.30	1.5	4.30	50	438.00	250	0.25	0.60	7.2	0.150	3.10	69	13.0		18.00	2.3	40.0	25	42
W-227	1211.0	1180.0	0.19686	0.292	1.070	33.0	3.0	10	0.049	14.0		150.0	0.80	4.20	1.5	4.90	50	587.00	740	0.25	0.60	8.5	0.080	3.30	23	24.0		12.00	2.2	19.0	25	
W-230	2261.0	2320.0	0.38705	0.695	1.160	26.0	11.0	10	0.115	18.0	12	140.0	0.60	7.30	1.5	3.80	50	556.00	950	0.25	0.60	7.2	0.130	2.70	52	17.0		18.00	2.1	34.0	25	34
W-233	1369.0	1380.0	0.23023	0.319	1.380	19.0	16.0	10	0.070	16.0		120.0	0.50	8.30	1.5	3.70	50	488.00	250	0.25	0.25	6.8	0.220	3.50	72	25.0		19.00	2.0	47.0	75	
W-236	928.0	940.0	0.15682	0.16	0.830	21.0	23.0	120	0.066	19.0	12	180.0	2.00	12.00	1.5	3.70	50	353.00	250	0.25	0.25	8.6	0.220	3.80	105	11.0		13.00	2.1	52.0	60	50
W-239	3017.0	3050.0	0.50883	1.115	1.090	31.0	4.0	10	0.037	27.0		100.0	0.60	3.10	1.5	4.30	50	583.00	980	0.25	0.70	7.0	0.080	2.20	18	5.0		17.00	2.0	15.0	25	
W-258	6.0	6.0	0.00100	0.002	1.030	23.0	2.0	10	0.077	27.0	12	240.0	28.00	4.80	1.5	4.20	50	358.00	250	1.30	0.25	12.0	0.110	6.10	33	10.0		11.00	1.8	38.0	84	40
W-261	11.0	11.0	0.00184	0.003	1.700	19.0	2.0	10	0.081	23.0		130.0	5.00	5.00	1.5	4.10	50	453.00	250	1.20	0.25	11.0	0.150	6.10	38	8.0		14.00	1.7	253.0	300	
W-264	9.0	12.0	0.00200	0.002	1.800	24.0	3.0	10	0.081	24.0	16	140.0	3.10	5.00	1.5	4.00	50	574.00	250	0.25	0.25	11.0	0.130	5.70	40	13.0		14.00	1.6	546.0	559	602
W-267	3.0	10.0	0.00167	0.002	1.150	20.0	4.0	10	0.079	20.0		180.0	9.30	4.80	1.5	4.10	50	497.00	250	0.25	0.25	11.0	0.170	5.40	40	18.0		13.00	1.9	101.0	112	
W-270	9.0	13.0	0.00217	0.003	1.690	27.0	2.0	10	0.079	27.0	12	150.0	2.20	5.50	1.5	4.60	50	534.00	250	0.25	0.25	13.0	0.180	5.70	42	38.0		13.00	1.9	316.0	366	316
W-273	12.0	16.0	0.00267	0.001	0.970	24.0	2.0	10	0.082	21.0		280.0	33.00	5.50	1.5	4.70	50	382.00	250	0.25	0.70	13.0	0.140	6.00	37	37.0		12.00	1.9	148.0	189	
W-276	13.0	15.0	0.00250	0.004	1.500	25.0	3.0	10	0.079	17.0	22	160.0	1.90	4.70	1.5	3.90	50	442.00	250	1.20	0.25	11.0	0.190	6.00	40	16.0		8.00	1.5	74.0	103	107
W-279	4.0	4.0	0.00067	0.001	1.020	27.0	2.0	10	0.075	17.0		200.0	3.60	4.60	1.5	4.30	50	472.00	990	1.80	0.25	12.0	0.200	6.90	40	67.0		16.00	1.8	60.0	25	
W-282	5.0	5.0	0.00083	0.002	1.480	23.0	4.0	10	0.078	27.0	32	190.0	1.30	4.80	1.5	4.10	50	515.00	660	1.20	0.25	11.0	0.180	5.40	40	73.0		14.00	2.0	112.0	146	128
W-285	33.0	45.0	0.00751	0.008	1.630	24.0	5.0	10	0.080	27.0		180.0	1.50	5.10	1.5	4.60	50	523.00	250	1.40	0.70	12.0	0.200	5.80	43	100.0		14.00	1.9	153.0	139	
W-288	4.0	4.0	0.00067	0.002	1.870	25.0	2.0	10	0.081	46.0	48	160.0	1.20	5.00	1.5	4.30	50	641.00	940	1.50	0.25	12.0	0.210	5.80	41	53.0		16.00	1.8	630.0	723	720
W-291	5.0	6.0	0.00100	0.002	1.960	27.0	2.0	19	0.078	25.0		180.0	1.10	5.10	1.5	4.40	50	805.00	250	0.30	0.25	11.0	0.220	6.40	43	38.0		17.00	1.7	124.0	189	
W-294	3.0	5.0	0.00083	0.001	2.100	24.0	2.0	20	0.076	30.0	34	160.0	0.90	5.20	1.5	4.20	50	721.00	250	0.30	0.25	11.0	0.160	6.90	39	30.0		16.00	1.7	96.0	25	104
W-297	5.0	5.0	0.00083	0.001	1.420	29.0	4.0	18	0.071	20.0		110.0	1.60	5.00	1.5	4.40	50	593.00	250	0.30	0.25	11.0	0.170	6.50	38	65.0		14.00	1.9	69.0	90	
W-758	1111.0	1140.0	0.19019	0.272	1.100	18.0	7.0	10	0.046	31.0	44	130.0	1.10	5.80	1.5	3.60	50	463.00	740	1.60	0.25	7.5	0.140	3.30	42	14.0		12.00	1.8	54.0	25	50
W-761	688.0	742.0	0.12379	0.168	1.360	16.0	7.0	10	0.061	87.0		100.0	7.50	4.90	1.5	3.40	50	619.00	250	0.25	0.25	7.4	0.150	2.70	34	17.0		13.00	1.4	295.0	294	
W-764	810.0	886.0	0.14781	0.22	1.470	13.0	5.0	10	0.065	68.0	28	97.0	0.50	5.30	1.5	3.40	50	647.00	650	0.25	0.70	7.2	0.160	3.20	40	7.0		14.00	1.6	40.0	25	51
W-767	1278.0	1390.0	0.23189	0.348	0.840	24.0	17.0	10	0.060	200.0		160.0	9.60	8.80	1.5	5.90	50	397.00	780	0.25	0.90	10.0	0.180	3.10	66	40.0		18.00	3.7	841.0	837	
W-770	476.0	492.0	0.08208	0.088	1.090	27.0	24.0	110	0.057	39.0	104	140.0	0.40	10.00	1.5	4.90	50	394.00	250	0.25	0.70	8.5	0.260	4.10	78	14.0		22.00	3.8	196.0	187	234
W-773	1003.0	985.0	0.16433	0.203	0.360	13.0	14.0	10	0.051	33.0		160.0	26.00	4.40	1.5	3.90	50	263.00	250	0.25	0.25	7.2	0.080	3.70	29	24.0		8.00	2.2	141.0	157	
W-776	1048.0	1080.0	0.18018	0.235	0.980	27.0	6.0	11	0.049	35.0	52	150.0	7.50	4.20	1.5	3.60	50	296.00	250	0.25	0.25	8.4	0.090	2.00	28	31.0		10.00	1.7	93.0	108	96
W-779	871.0	771.0	0.12863	0.15	0.650	14.0	19.0	10	0.065	23.0		92.0	3.60	9.00	1.5	2.60	50	240.00	250	0.25	0.25	6.0	0.110	4.00	84	26.0		11.00	1.7	178.0	182	
W-782	986.0	989.0	0.16499	0.242	1.040	22.0	10.0	12	0.050	35.0	72	140.0	0.30	4.40	1.5	3.50	50	525.00	1400	0.25	0.25	7.0	0.090	3.20	33	22.0		11.00	1.8	61.0	78	58
W-785	830.0	970.0	0.16183	0.208	1.330	15.0	6.0	12	0.052	18.0		110.0	0.40	4.10	1.5	3.30	50	561.00	680	0.25	0.70	7.2	0.110	3.30	27	18.0		13.00	1.8	39.0	25	
W-788	716.0	750.0	0.12512	0.15	1.540	22.0	16.0	13	0.054	12.0	28	69.0	0.40	10.00	1.5	3.90	50	400.00	250	0.25	1.00	10.0	0.260	3.80	74	15.0		18.00	2.4	46.0	72	38
W-791	1118.0	1010.0	0.16850	0.216	1.190	19.0	6.0	11	0.057	30.0		110.0	0.40	5.00	1.5	2.80	50	614.00	250	0.25	0.25	6.5	0.130	3.10	36	29.0		13.00	1.3	26.0	25	
W-794	1303.0	1260.0	0.21021	0.329	1.090	21.0	5.0	11	0.048	29.0	60	110.0	0.40	3.80	1.5	3.00	50	603.00	610	0.25	0.25	6.9	0.100	2.50	27	12.0		13.00	1.5	35.0	66	29
W-797	979.0	1090.0	0.18184	0.235	1.220	23.0	5.0	11	0.048	17.0		95.0	0.30	3.80	1.5	3.50	50	566.00	610	0.25	0.25	7.8	0.100	2.40	26	19.0		13.00	1.5	27.0	25	
W-800	1054.0	1110.0	0.18518	0.213	1.180	18.0	8.0	11	0.052	19.0	14	140.0	1.10	4.70	1.5	3.30	50	482.00	250	1.80	0.25	7.6	0.120	3.00	31	30.0		10.00	1.8	22.0	25	20
W-803	1143.0	1130.0	0.18852	0.257	0.810	20.0	7.0	10	0.046	41.0		150.0	2.20	4.20	1.5	3.40	50	416.00	560	0.25	0.25	6.7	0.100	3.70	31	63.0		7.00	1.5	31.0	25	
W-806	678.0	809.0	0.13497	0.165	0.930	26.0	35.0	11	0.054	19.0		120.0	1.60	10.00	1.5	4.20	50	346.00	820	0.25	0.25	9.1	0.240	3.40	75	37.0		12.00	2.5	49.0	25	
W-809	988.0	983.0	0.16399	0.313	0.590	15.0	27.0	10	0.058	20.0		88.0	2.00	7.00	1.5	3.20	50	324.00	250	0.70	0.70	4.8	0.090	6.20	74	37.0		8.00	2.1	40.0	65	
W-812	475.0	501.0	0.08358	0.125	0.810	20.0	47.0	10	0.080	15.0	18	120.0	1.00	13.00	1.5	3.80	50	260.00	250	0.25	0.80	8.2	0.190	4.30	129	25.0		10.00	2.3	40.0	25	34
W-815	1033.0	1030.0	0.17183	0.256	0.870	20.0	11.0	10	0.053	34.0		140.0	0.90	4.60	1.5	2.70	50	572.00	890	0.25	0.25	6.5	0.120	2.90	35	15.0		8.00	1.2	77.0	103	
W-818	405.0	464.0	0.07741	0.106	0.840	41.0	29.0	12	0.045	44.0	124	140.0	2.80	14.00	1.5	7.30	50	466.00	250	0.25	1.20	6.1	0.150	5.50	151	47.0		10.00	3.5	60.0	99	150
W-821	1000.0	1100.0	0.18351	0.243	0.790	19.0	17.0	10	0.050	18.0		87.0	1.50	6.70	1.5	3.20	50	359.00	250	0.25	0.25	6.5	0.130	2.20	47	13.0		8.00	1.5	55.0	75	
W-824	410.0	417.0	0.06957	0.09	0.800	18.0	9.0	10	0.044	33.0	32	120.0	2.50	4.30	1.5	4.40	50	436.00	530	0.25	0.80	6.8	0.100	3.30	28	23.0		7.00	2.3	58.0	71	38
W-827	813.0	848.0	0.14147	0.174	0.750	20.0	26.0	10	0.074	16.0		130.0	0.60	13.00	1.5	3.80	50	322.00	250	0.25	0.25	7.6	0.230	2.90	108	18.0		11.00	2.0	33.0	60	

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Sc	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
W-830	652.0	750.0	0.12512	0.193	1.260	20.0	33.0	110	0.059	11.0	16	110.0	0.70	11.00	1.5	4.20	50	335.00	530	0.25	0.25	8.2	0.180	4.10	101	39.0		11.00	2.6	34.0	25	26
W-833	203.0	218.0	0.03637	0.04	1.650	34.0	22.0	11	0.083	153.0		150.0	0.80	8.60	1.5	5.40	50	501.00	250	0.25	1.30	10.0	0.220	5.20	72	40.0		16.00	2.4	91.0	102	
W-837	689.0	726.0	0.12112	0.142	0.880	22.0	15.0	10	0.069	28.0		160.0	0.60	9.10	1.5	4.20	50	267.00	250	0.25	0.90	9.2	0.210	5.40	79	50.0		13.00	2.1	153.0	152	
W-838	1402.0	1560.0	0.26025	0.284	1.010	25.0	22.0	10	0.063	29.0	38	130.0	0.40	12.00	1.5	4.10	50	283.00	250	0.25	0.25	8.5	0.230	4.70	103	22.0		13.00	2.1	41.0	84	42
W-839	1716.0	1780.0	0.29696	0.42	0.710	16.0	28.0	100	0.055	19.0		100.0	0.40	11.00	1.5	2.80	50	226.00	250	0.25	0.60	5.9	0.190	2.90	91	16.0		10.00	1.8	46.0	51	
W-840	1317.0	1280.0	0.21354	0.242	0.930	20.0	30.0	10	0.066	18.0	24	160.0	0.30	14.00	1.5	4.00	50	244.00	250	0.25	0.80	9.6	0.220	3.70	132	14.0		12.00	2.5	44.0	55	46
W-841	1289.0	1380.0	0.23023	0.344	1.180	28.0	35.0	11	0.070	17.0		140.0	0.40	15.00	1.5	4.70	50	327.00	250	0.25	0.80	10.0	0.240	4.00	139	11.0		12.00	2.5	35.0	25	
W-842	1191.0	1230.0	0.20520	0.26	0.790	21.0	63.0	11	0.076	12.0	26	130.0	0.20	15.00	1.5	3.90	50	210.00	250	0.25	0.25	7.2	0.250	3.10	132	19.0		13.00	2.3	64.0	85	58
W-843	1197.0	1230.0	0.20520	0.198	1.020	21.0	34.0	10	0.080	18.0		110.0	0.30	13.00	1.5	3.60	50	257.00	250	0.25	0.70	7.7	0.210	4.00	113	9.0		12.00	2.2	41.0	74	
W-844	931.0	1020.0	0.17017	0.187	1.230	15.0	24.0	10	0.068	19.0	30	120.0	0.30	9.40	1.5	3.60	50	356.00	250	0.25	0.25	8.8	0.180	3.60	80	11.0		11.00	1.9	39.0	69	42
W-845	63.0	67.0	0.01118	0.273	0.070	2.5	6.0	10	0.004	5.0		-15.0	0.05	0.80	1.5	0.40	50	24.00	250	0.25	0.25	1.0	0.020	0.50	8	1.0		2.00	0.2	6.0	25	
W-846	1072.0	1160.0	0.19352	0.145	1.300	21.0	7.0	10	0.045	18.0	16	82.0	0.50	3.90	1.5	3.00	50	497.00	840	2.30	0.25	6.8	0.110	2.90	28	7.0		8.00	1.1	21.0	74	32
W-847	1210.0	1300.0	0.21688	0.24	1.040	23.0	38.0	10	0.097	11.0		140.0	0.20	15.00	1.5	3.80	50	224.00	250	1.70	0.80	7.9	0.280	4.00	140	11.0		12.00	2.4	40.0	89	
W-848	1367.0	1390.0	0.23189	0.253	1.030	24.0	41.0	10	0.067	19.0	28	110.0	0.40	11.00	1.5	4.00	50	296.00	250	0.25	0.25	8.0	0.220	4.70	107	12.0		12.00	2.0	40.0	25	36
W-849	1555.0	1540.0	0.25692	0.294	0.760	26.0	64.0	120	0.060	16.0		100.0	0.20	13.00	1.5	3.10	50	245.00	250	0.25	0.25	5.7	0.220	3.10	117	27.0		12.00	1.9	47.0	25	
W-850	1438.0	1320.0	0.22022	0.313	0.400	11.0	58.0	90	0.052	5.0	16	98.0	0.05	10.00	1.5	2.00	50	158.00	250	0.25	0.25	2.9	0.190	1.40	86	17.0		11.00	1.3	39.0	58	40
W-851	2550.0	2400.0	0.40039	0.64	0.500	15.0	19.0	10	0.064	6.0		86.0	0.30	8.20	1.5	2.50	50	182.00	250	0.25	0.25	4.4	0.150	2.20	84	13.0		8.00	1.3	23.0	25	
W-852	1774.0	1590.0	0.26526	0.38	0.700	15.0	14.0	10	0.057	18.0	16	100.0	0.40	6.70	1.5	2.70	50	341.00	250	0.25	0.25	5.7	0.130	2.00	66	20.0		8.00	1.4	25.0	25	28
W-853	1912.0	1930.0	0.32198	0.435	0.610	20.0	6.0	10	0.034	16.0		86.0	0.30	2.90	1.5	3.20	50	462.00	250	0.25	0.25	6.5	0.070	2.20	24	15.0		8.00	1.0	24.0	25	
W-854	2069.0	1980.0	0.33032	0.42	0.720	21.0	10.0	10	0.045	18.0	20	110.0	0.50	3.50	1.5	2.70	50	553.00	740	0.25	0.25	6.2	0.100	2.30	25	35.0		7.00	1.1	18.0	53	18
W-855	1981.0	1920.0	0.32031	0.427	0.980	16.0	7.0	89	0.042	9.0		93.0	0.50	3.90	1.5	2.70	50	535.00	250	1.60	0.25	7.2	0.100	2.30	32	16.0		8.00	1.0	37.0	25	
W-856	1250.0	1120.0	0.18685	0.232	1.040	17.0	14.0	10	0.052	10.0	14	81.0	0.20	6.00	1.5	2.80	50	395.00	250	0.25	0.25	6.2	0.130	2.70	66	11.0		10.00	1.2	21.0	25	30
W-857	1801.0	1820.0	0.30363	0.298	0.800	25.0	38.0	10	0.070	16.0		150.0	0.60	13.00	1.5	3.80	50	288.00	250	0.25	0.25	9.0	0.190	3.70	132	40.0		10.00	2.4	34.0	60	
W-858	1202.0	1090.0	0.18184	0.241	0.280	21.0	30.0	120	0.065	9.0	18	130.0	1.00	12.00	1.5	3.50	50	253.00	250	0.25	0.60	7.6	0.140	4.70	126	64.0		7.00	2.0	26.0	25	28
W-859	613.0	677.0	0.11294	0.129	0.510	21.0	41.0	10	0.064	18.0		160.0	1.10	15.00	1.5	3.60	50	311.00	250	0.90	0.25	8.1	0.180	3.60	192	39.0		12.00	2.3	61.0	25	
W-860	1257.0	1240.0	0.20687	0.242	0.780	19.0	29.0	80	0.092	21.0	16	130.0	1.10	11.00	1.5	3.30	50	284.00	250	0.25	0.25	7.6	0.170	3.10	107	31.0		13.00	1.8	30.0	66	34
W-861	1108.0	1120.0	0.18685	0.268	0.810	13.0	24.0	10	0.062	19.0		100.0	1.80	10.00	1.5	3.10	50	314.00	250	0.25	0.25	5.8	0.140	2.60	93	15.0		13.00	2.0	40.0	57	
W-862	948.0	906.0	0.15115	0.195	0.350	22.0	28.0	10	0.074	25.0	28	150.0	7.00	9.30	1.5	3.00	50	252.00	250	0.80	0.25	6.3	0.140	2.60	116	29.0		12.00	1.7	37.0	61	36
W-863	1014.0	941.0	0.15699	0.234	0.870	16.0	31.0	10	0.076	13.0		110.0	1.90	10.00	1.5	2.80	50	303.00	250	0.25	0.25	5.9	0.180	3.70	98	12.0		12.00	1.6	56.0	79	
W-864	1154.0	1110.0	0.18518	0.22	0.820	13.0	22.0	10	0.053	17.0	16	89.0	0.90	5.80	1.5	2.00	50	279.00	250	1.10	0.25	5.0	0.130	2.40	67	9.0		10.00	1.1	39.0	25	32
W-865	1504.0	1330.0	0.22188	0.273	0.280	12.0	18.0	10	0.038	11.0		55.0	1.40	4.00	1.5	1.70	50	200.00	250	0.25	0.25	2.1	0.060	0.90	45	7.0		8.00	0.7	20.0	25	
W-866	1830.0	1770.0	0.29529	0.453	0.840	13.0	38.0	64	0.059	12.0	16	74.0	0.90	7.80	1.5	2.30	50	206.00	250	0.25	0.25	4.5	0.160	2.30	105	9.0		11.00	1.4	30.0	25	36
W-867	1928.0	1840.0	0.30697	0.486	0.440	12.0	26.0	78	0.045	8.0		86.0	1.40	7.60	1.5	2.20	50	200.00	250	0.25	0.25	3.5	0.120	1.90	108	14.0		10.00	1.3	25.0	25	
W-868	769.0	806.0	0.13446	0.158	0.680	15.0	28.0	10	0.056	5.0	16	88.0	0.90	8.20	1.5	2.30	50	170.00	250	0.25	0.25	3.9	0.130	2.10	88	7.0		11.00	1.5	29.0	25	30
W-869	846.0	899.0	0.14998	0.208	0.730	14.0	30.0	10	0.053	7.0		75.0	0.40	9.10	1.5	2.40	50	164.00	250	0.25	0.25	4.5	0.170	2.40	106	29.0		11.00	1.5	32.0	68	
W-870	1493.0	1580.0	0.26359	0.376	0.970	17.0	37.0	10	0.076	5.0	12	77.0	0.80	14.00	1.5	2.90	50	238.00	250	0.25	0.60	3.4	0.200	2.30	134	8.0		14.00	2.0	42.0	68	40
W-871	1306.0	1420.0	0.23690	0.322	0.650	15.0	39.0	10	0.053	12.0		140.0	14.00	22.00	1.5	2.70	50	202.00	250	0.25	0.70	1.8	0.260	3.00	178	41.0		13.00	2.9	54.0	25	
W-872	921.0	1000.0	0.16683	0.28	1.260	12.0	30.0	11	0.058	5.0	14	100.0	1.60	23.00	1.5	2.90	50	278.00	250	0.25	0.60	2.0	0.290	2.80	209	14.0		16.00	2.5	49.0	101	48
W-873	1014.0	1090.0	0.18184	0.224	1.300	9.0	45.0	11	0.042	8.0		120.0	1.60	23.00	1.5	2.70	50	218.00	250	0.25	0.60	1.4	0.300	2.00	171	14.0		17.00	2.4	62.0	109	
W-874	1935.0	1950.0	0.32532	0.447	0.890	11.0	25.0	84	0.055	9.0	12	77.0	12.00	15.00	1.5	2.30	50	326.00	730	0.25	0.25	2.1	0.200	2.20	179	12.0		13.00	1.8	40.0	25	36
W-875	1406.0	1440.0	0.24024	0.338	1.610	13.0	32.0	10	0.047	6.0		84.0	1.60	20.00	1.5	3.00	50	259.00	250	0.25	0.25	1.5	0.280	1.80	177	14.0		17.00	2.3	60.0	77	
W-876	850.0	929.0	0.15499	0.21	1.220	14.0	50.0	11	0.041	10.0	24	120.0	5.30	27.00	1.5	3.50	50	327.00	250	0.25	0.25	1.1	0.300	2.10	186	44.0		18.00	2.7	82.0	145	76
W-877	920.0	959.0	0.15999	0.207	0.190	14.0	44.0	10	0.040	11.0		110.0	42.00	13.00	1.5	2.70	50	264.00	250	0.25	0.25	2.1	0.140	4.00	197	20.0		16.00	2.3	43.0	60	
W-878	354.0	369.0	0.06156	0.087	0.550	17.0	46.0	10	0.045	6.0	26	82.0	2.90	12.00	1.5	2.70	50	216.00	530	0.25	0.25	2.2	0.160	3.20	202	22.0		16.00	2.0	41.0	53	48
W-879	508.0	526.0	0.08775	0.118	0.950	15.0	50.0	10	0.047	16.0		70.0	1.50	12.00	1.5	3.10	50	227.00	250	0.25	0.50	2.3	0.190	4.10	186	47.0		14.00	2.2	81.0	95	
W-880	442.0	451.0	0.07524	0.096	0.850	19.0	60.0	110	0.046	14.0	20	71.0	1.90	13.00	1.5	3.10	50	259.00	250	0.25	0.25	3.1	0.190	2.30	220	27.0		18.00	2.2	70.0	111	80
W-881	1270.0	1290.0	0.21521	0.298	1.210	16.0	35.0	10	0.051	9.0		63.0	1.10	11.00	1.5	2.90	50	335.00	250	0.25	0.25	3.5	0.180	3.70	166	39.0		17.00	2.2	49.0	69	
W-962	506.0	517.0	0.08625	0.106	1.170	17.0	55.0	15	0.091	13.0	16	65.0	0.50	19.00	1.5	3.40	50	223.00	250	0.25	0.60	3.7	0.280	3.40	214	20.0		18.00	2.9	54.0	25	32
W-963	1098.0	1310.0	0.21855	0.21	1.620	23.0	29.0	16	0.060	42.0		65.0	0.30	14.00	1.5	3.80	50	300.00	250	0.25	0.25	6.4	0.220	3.10	111	18.0		12.00	2.0	40.0	25	
W-964	2980.0	3280.0	0.54720	0.598	1.320	28.0	35.0	15	0.056	13.0	12	63.0	0.30	14.00	1.5	3.60	50	268.00	250	0.25	0.70	4.4	0.220	2.60	116	10.0		13.00	2.0	37.0	25	34
W-965	7755.0	9030.0	1.50647	1.93	0.870	37.0	28.0	13	0.052	9.0		66.0	0.20	7.40	1.5	2.70	50	197.00	250	0.25	0.25	3.6	0.160	1.60	70	11.0		11.00	1.2	26.0	25	
W-966	1591.0	1820.0	0.30363	0.32	0.550	12.0	27.0	12	0.060	15.0	20	96.0	1.00	11.00	1.5	2.30	50	423.00	820	0.25	0.25	4.7	0.180	3.70	98	20.0		8.00	1.7	32.0	25	29
W-967	723.0	781.0	0.13029	0.11	0.170	28.0	20.0	12	0.070	9.0		96.0	0.90	9.70	1.5	4.00	50	371.00	250	1.10	0.25	7.5	0.160	6.70	88	38.0		8.00	1.7	25.0	25	
W-968	1064.0	1110.0	0.18518	0.207	0.310	17.0	17.0	11	0.067	12.0	16	86.0	0.70	8.00	1.5	2.60	50	489.00	540	1.50	0.25	5.4	0.140	5.30	81	37.0		7.00	1.3	25.0	25	73
W-969	931.0	968.0	0.16149	0.147	0.150	12.0	21.0	11	0.051	10.0		89.0	0.70	9.00	1.5	1.30	50	202.00	250	0.25	0.25	2.8	0.150	4.30	95	28.0		7.00	1.3	30.0	25	
W-970	1125.0	1310.0	0.21855	0.211	1.000	16.0	39.0	15	0.062	13.0	24	100.0	0.60	15.00	1.5	2.70	50	264.00	250	1.70	0.25	6.3	0.220	5.60	130	63.0		8.00	2.0	45.0	25	35

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Sc	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
W-971	315.0	347.0	0.05789	0.059	1.320	24.0	18.0	16	0.074	15.0		120.0	0.40	9.80	1.5	3.70	50	299.00	250	1.70	0.25	7.4	0.170	5.50	79	32.0		8.00	2.0	35.0	90	
W-972	1857.0	2170.0	0.36202	0.454	0.340	8.0	14.0	10	0.032	5.0	14	96.0	0.40	6.50	3.0	1.10	50	146.00	250	0.25	0.25	7.4	0.100	5.00	63	20.0		4.00	0.9	23.0	25	20
W-973	1118.0	1290.0	0.21521	0.229	0.820	2.5	23.0	11	0.050	5.0		110.0	0.40	10.00	1.5	1.70	50	221.00	250	0.25	0.25	6.5	0.160	3.10	87	21.0		6.00	1.3	29.0	25	
W-974	486.0	562.0	0.09376	0.097	0.680	17.0	60.0	12	0.063	5.0	16	100.0	1.30	16.00	1.5	3.00	50	253.00	250	0.25	0.25	5.6	0.260	3.90	137	13.0		8.00	1.9	45.0	86	39
W-975	697.0	809.0	0.13497	0.124	0.760	17.0	90.0	13	0.074	7.0		120.0	0.70	17.00	1.5	3.50	50	227.00	250	0.25	0.25	5.4	0.300	2.70	146	16.0		11.00	2.1	51.0	25	
W-976	512.0	544.0	0.09076	0.122	1.320	16.0	61.0	13	0.068	5.0	22	110.0	0.50	14.00	1.5	3.40	50	386.00	250	0.25	0.25	5.5	0.270	2.60	132	21.0		10.00	1.9	43.0	108	38
W-977	216.0	243.0	0.04054	0.044	0.450	15.0	80.0	10	0.065	11.0		86.0	0.50	13.00	1.5	2.90	50	163.00	250	0.25	0.25	4.1	0.230	2.40	116	7.0		11.00	1.8	54.0	78	
W-978	1443.0	1550.0	0.25859	0.308	0.160	17.0	25.0	10	0.047	5.0	18	81.0	2.30	8.00	1.5	2.30	50	369.00	250	0.25	0.25	3.6	0.130	2.50	84	14.0		8.00	1.4	28.0	25	26
W-979	3151.0	3710.0	0.61894	0.98	0.210	21.0	18.0	10	0.037	5.0		86.0	1.10	7.60	1.5	2.80	50	415.00	250	0.25	0.25	4.1	0.120	3.20	67	9.0		10.00	1.5	27.0	25	
W-980	818.0	833.0	0.13897	0.18	0.360	14.0	24.0	10	0.056	5.0	14	66.0	0.50	9.70	1.5	3.10	50	306.00	250	0.25	0.25	3.8	0.180	3.00	94	6.0		11.00	1.8	29.0	25	28
W-981	1020.0	1080.0	0.18018	0.213	0.190	16.0	43.0	10	0.050	5.0		83.0	1.30	9.70	1.5	2.80	50	147.00	250	0.25	0.25	3.6	0.170	2.00	107	7.0		11.00	1.8	33.0	63	
W-982	2994.0	3690.0	0.61560	0.94	0.060	28.0	22.0	10	0.025	5.0	18	47.0	2.30	5.20	1.5	4.20	50	391.00	250	0.25	0.25	2.1	0.070	1.20	35	9.0		11.00	1.9	23.0	25	24
W-983	1293.0	1470.0	0.24524	0.278	0.200	22.0	44.0	11	0.069	9.0		90.0	1.90	14.00	1.5	3.20	50	364.00	250	0.25	0.25	4.7	0.220	2.70	128	13.0		11.00	2.0	41.0	25	
W-984	1470.0	1750.0	0.29195	0.32	0.350	18.0	44.0	10	0.062	5.0	22	86.0	2.50	12.00	1.5	3.20	50	284.00	250	0.25	0.25	4.1	0.190	2.70	110	10.0		12.00	1.9	35.0	25	32
W-985	178.0	169.0	0.02819	0.036	1.310	19.0	45.0	11	0.070	5.0		56.0	0.40	13.00	1.5	3.30	50	362.00	250	0.25	0.70	4.8	0.250	3.00	131	8.0		12.00	1.9	39.0	78	
W-1001	256.0	253.0	0.04221	0.045	1.200	26.0	41.0	11	0.065	11.0		130.0	0.30	14.00	1.5	4.40	50	174.00	250	0.25	0.25	8.6	0.250	3.10	94	14.0		11.00	2.6	98.0	25	
W-1294	24.0	20.0	0.00334		1.790	8.0	29.0	12	0.047	8.0		52.0	0.50	22.00	5.0	2.10	50	182.00	250	0.25	0.25	1.7	0.350	2.60	180	4.0		17.00	2.7	111.0	130	
W-1297	23.0	19.0	0.00317	0.003	1.550	7.0	28.0	11	0.108	13.0		72.0	0.50	23.00	1.5	2.80	50	178.00	250	0.25	0.25	2.6	0.370	2.00	184	5.0	2	17.00	2.6	84.0	25	
W-1300	20.0	16.0	0.00267	0.002	1.780	9.0	25.0	12	0.068	7.0	24	47.0	0.30	24.00	1.5	2.60	50	205.00	250	0.60	0.25	1.5	0.370	1.60	151	6.0	19	19.00	3.3	198.0	208	240
W-1303	27.0	24.0	0.00400	0.005	1.260	10.0	39.0	11	0.078	36.0		71.0	2.00	21.00	3.0	3.00	50	163.00	250	0.25	0.25	2.2	0.360	3.20	183	52.0	98	22.00	3.2	744.0	686	
W-1306	51.0	58.0	0.00968	0.01	1.580	7.0	23.0	110	0.056	13.0	40	47.0	3.50	31.00	1.5	2.60	50	216.00	250	0.25	0.25	1.2	0.400	1.30	200	26.0	87	17.00	3.0	298.0	344	330
W-1309	102.0	102.0	0.01702	0.015	1.350	8.0	37.0	11	0.062	15.0		33.0	0.60	20.00	5.0	2.50	50	166.00	700	0.25	0.25	2.3	0.320	3.30	198	9.0	2	18.00	2.7	64.0	79	
W-986	260.0	254.0	0.04237	0.044	0.620	15.0	8.0	10	0.080	18.0	22	110.0	0.60	7.00	1.5	1.90	50	133.00	250	1.20	0.25	7.5	0.110	1.70	57	15.0		2.00	0.8	34.0	25	38
W-989	212.0	199.0	0.03320	0.036	0.750	25.0	42.0	10	0.043	10.0		110.0	0.30	16.00	1.5	4.70	50	138.00	250	0.90	0.25	8.3	0.230	3.80	107	18.0		5.00	2.1	50.0	25	
W-992	160.0	143.0	0.02386	0.029	0.810	19.0	25.0	10	0.053	17.0	24	130.0	0.50	10.00	1.5	3.40	50	185.00	250	0.25	0.25	7.9	0.150	4.40	68	13.0		4.00	1.6	44.0	25	42
W-995	246.0	228.0	0.03804	0.041	1.000	16.0	49.0	10	0.071	19.0		99.0	0.70	12.00	1.5	3.60	50	177.00	550	0.25	0.25	8.3	0.200	2.90	86	15.0		6.00	1.8	61.0	25	
W-998	253.0	250.0	0.04171	0.040	1.230	14.0	57.0	11	0.091	13.0	16	110.0	0.30	14.00	1.5	3.50	50	183.00	250	1.30	0.25	10.0	0.210	4.40	108	18.0		10.00	2.6	76.0	62	60

	Mo	Mo	MoS2	MoS2	Na	Nd	Ni	Ni	P	Pb	Pb	Rb	Sb	Sc	Se	Sm	Sn	Sr	Sr	Ta	Tb	Th	Ti	U	V	W	W	Y	Yb	Zn	Zn	Zn
	PPM	PPM	%	%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1	0.0001	Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Sample	ICP	INA	INA	Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
General																																
	MO	MO		MoS2	NA	ND	NI	NI	P	PB	Pb	RB	SB	SC	SE	SM	SN	SR	SR	TA	TB	TH	TI	U	V	W	W	Y	YB	ZN	ZN	Zn
	PPM	PPM		%	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	1	1		Old	0.01	5	1	20	0.01	5	Old	5	0.1	0.1	5	0.1	100	0.5	500	0.5	0.5	0.2	0.01	0.5	2	1	Old	0.5	0.2	0.2	50	Old
Percentiles	ICP	INA		Old	INA	INA	ICP	INA	ICP	ICP	Old	INA	INA	INA	INA	INA	INA	ICP	INA	INA	INA	INA	ICP	INA	ICP	INA	Old	ICP	INA	ICP	INA	Old
99%	3126.6	3678.8		0.919	2.726	41.0	87.6	140	0.127	533.7	274.6	278.4	49.72	23.00	2.8	7.16	50	896.56	1384	2.08	1.10	12.0	0.370	11.84	213	120.0	435.3	20.00	3.5	3233.7	3304	506.96
98%	2924.3	3008.4		0.636	2.077	37.0	74.4	120	0.110	282.6	170.7	250.0	40.68	20.68	1.5	5.87	50	687.36	1100	1.80	0.90	12.0	0.314	9.34	199	71.7	292.5	19.00	3.1	2277.8	2248	316.28
95%	2176.6	2358.0		0.461	1.756	31.0	58.4	110	0.089	185.2	118.6	212.0	22.00	16.00	1.5	5.12	50	615.00	894	1.60	0.80	12.0	0.270	7.60	178	54.2	116	17.20	2.8	341.4	394	240.1
90%	1831.6	1902.0		0.378	1.508	28.0	44.0	37	0.081	94.8	72.8	200.0	11.00	14.00	1.5	4.70	50	544.80	740	1.30	0.70	11.0	0.240	6.30	140	40.4	23	16.00	2.5	180.4	206	150.2
75%	1268.0	1290.0		0.260	1.160	24.0	29.0	13	0.073	30.0	34	160.0	3.90	11.00	1.5	4.10	50	406.00	250	0.80	0.25	9.4	0.190	5.20	95	28.0	11	13.00	2.1	84.0	99	76
50%	731.0	756.0		0.150	0.760	20.0	13.0	10	0.060	18.0	20	130.0	1.60	6.40	1.5	3.50	50	278.00	250	0.25	0.25	7.9	0.130	3.70	50	18.0	4	11.00	1.8	42.0	25	40
25%	203.0	199.0		0.041	0.350	15.0	5.0	10	0.049	12.0	14	100.0	0.90	4.80	1.5	2.80	50	202.00	250	0.25	0.25	6.5	0.080	2.70	35	12.0	3	8.00	1.4	30.0	25	30
10%	5.6	5.6		0.002	0.116	12.0	3.0	10	0.042	6.0	10	82.0	0.40	4.00	1.5	2.30	50	146.60	250	0.25	0.25	4.4	0.060	2.06	28	7.0	2	6.00	1.1	22.0	25	24
MAX	7755.0	9030.0		1.930	3.060	71.0	124.0	220	0.211	1560.0	640	280.0	150.00	31.00	5.0	12.00	50	2634.00	3700	2.40	1.30	17.0	0.550	17.00	393	1400.0	750	22.00	3.9	4145.0	3920	720
MIN	2.0	1.0		0.000	0.030	2.5	2.0	10	0.004	5.0	2	-15.0	0.05	0.80	1.5	0.40	50	24.00	250	0.25	0.25	1.0	0.020	0.25	8	0.5	2	2.00	0.2	6.0	25	16
AVG	850.1	886.5		0.183	0.799	19.8	19.7	21	0.063	45.1	38	135.4	5.19	8.11	1.5	3.53	50	323.57	370	0.52	0.36	7.8	0.141	4.10	71	27.7	25.1	10.69	1.8	153.8	158	73
IQR	1065.0	1091.0		0.219	0.810	9.0	24.0	3	0.024	18.0	20	60.0	3.00	6.20	0.0	1.30	0	204.00	0	0.55	0.00	2.9	0.110	2.50	60	16.0	8	5.00	0.7	54.0	74	46

	AGICP	AGINA	ALICP	ASINA	AUINA	BAINA	BEICP	BIICP	BRINA	CAICP	CAINA	CDICP	CEINA	COINA	CRINA	CSINA	CUICP	Combd	EUINA	FEINA	HFINA	HGINA	IRINA	KICP	LAINA	LUINA	Mean	MGICP	MNICP	MOICP	MOINA	NAINA	NDINA	NIICP	NIINA	PBICP	PICP	RBINA	SBINA	SCINA	SEINA	SMINA	SRICP	SRINA	TAINA	TBINA	THINA	TIICP	UINA	VICP	WINA	YBINA	YICP	ZNICP	ZNINA
AGICP	1.00	0.84	0.14	0.10	0.21	0.15	0.18	0.46	-0.02	-0.21	-0.15	0.44	0.34	0.38	-0.23	0.23	0.69	0.26	0.21	0.33	0.07	-0.01	-0.02	0.18	0.33	0.09	0.07	-0.09	0.02	-0.27	-0.26	-0.22	0.26	0.05	0.13	0.63	0.03	0.25	0.14	-0.06	0.00	0.28	-0.19	-0.09	-0.01	0.01	0.08	-0.10	0.08	-0.10	0.02	0.07	-0.10	0.46	0.46
AGINA	0.84	1.00	0.05	0.02	0.09	0.10	0.18	0.23	-0.01	-0.14	-0.09	0.26	0.22	0.43	-0.06	0.17	0.53	0.09	0.08	0.30	0.06	-0.01	-0.01	0.10	0.21	0.12	0.07	-0.01	0.00	-0.13	-0.12	-0.12	0.14	0.18	0.20	0.52	0.00	0.13	0.03	0.01	-0.02	0.18	-0.11	-0.06	0.02	0.00	0.02	-0.02	0.07	-0.01	0.01	0.10	-0.01	0.29	0.30
ALICP	0.14	0.05	1.00	0.12	0.06	0.19	0.25	0.16	0.04	-0.18	-0.14	0.13	0.34	0.10	-0.43	0.34	0.19	0.19	0.50	0.12	0.36	0.00	-0.11	0.47	0.30	0.13	-0.10	-0.13	-0.01	-0.44	-0.43	0.27	0.27	-0.19	-0.03	0.16	0.44	0.43	0.14	-0.01	0.02	0.37	0.13	0.07	0.14	0.00	0.69	0.03	0.33	-0.18	0.03	0.15	0.00	0.13	0.12
ASINA	0.10	0.02	0.12	1.00	0.67	0.00	0.06	0.16	-0.01	0.04	0.01	-0.02	0.20	-0.06	-0.27	0.15	0.12	0.17	0.24	0.15	-0.07	-0.01	-0.01	0.09	0.22	0.02	0.00	-0.05	0.02	-0.23	-0.22	-0.15	0.20	-0.17	0.04	0.00	0.15	0.32	0.58	-0.12	-0.02	0.20	-0.13	-0.05	-0.08	-0.11	0.17	-0.16	0.22	-0.13	-0.03	0.00	-0.22	-0.02	-0.02
AUINA	0.21	0.09	0.06	0.67	1.00	0.06	0.14	0.07	-0.01	-0.07	-0.09	0.07	0.23	0.07	-0.21	0.24	0.14	0.11	0.19	0.19	-0.01	-0.01	0.01	0.12	0.26	0.01	0.06	-0.02	0.01	-0.19	-0.18	-0.22	0.19	-0.08	0.13	0.05	0.03	0.31	0.57	-0.08	-0.01	0.19	-0.15	-0.09	-0.06	-0.05	0.05	-0.05	0.22	-0.09	-0.01	-0.03	-0.15	0.08	0.08
BAINA	0.15	0.10	0.19	0.00	0.06	1.00	-0.25	0.09	-0.11	-0.27	-0.24	0.11	-0.01	-0.15	-0.11	-0.19	-0.06	-0.23	0.01	-0.28	0.10	0.02	-0.04	0.63	-0.01	-0.23	-0.20	-0.46	-0.25	0.12	0.10	-0.15	-0.03	-0.38	-0.08	0.16	-0.12	0.22	-0.03	-0.41	-0.10	-0.09	0.21	0.17	0.00	-0.05	0.09	-0.38	-0.13	-0.35	0.03	-0.21	-0.17	0.11	0.10
BEICP	0.18	0.18	0.25	0.06	0.14	-0.25	1.00	-0.01	0.13	-0.01	0.05	0.16	0.28	0.35	-0.21	0.42	0.31	0.18	0.24	0.38	0.14	-0.02	-0.02	-0.06	0.24	0.21	0.17	0.28	0.14	-0.30	-0.29	0.09	0.24	0.10	0.05	0.04	0.18	0.24	0.07	0.08	0.04	0.32	-0.14	-0.11	0.07	0.01	0.31	0.21	0.18	-0.03	-0.04	0.18	0.03	0.16	0.17
BIICP	0.46	0.23	0.16	0.16	0.07	0.09	-0.01	1.00	-0.02	0.00	-0.04	0.40	0.14	-0.07	-0.25	0.09	0.34	0.31	0.23	0.10	0.09	-0.02	-0.02	0.07	0.12	-0.02	0.01	-0.06	0.06	-0.24	-0.23	-0.08	0.14	-0.16	0.02	0.31	0.14	0.27	0.09	-0.13	0.00	0.14	-0.10	-0.09	0.00	-0.06	0.16	-0.13	0.11	-0.13	0.04	-0.05	-0.15	0.40	0.38
BRINA	-0.02	-0.01	0.04	-0.01	-0.01	-0.11	0.13	-0.02	1.00	0.02	0.07	-0.01	0.02	-0.03	-0.02	0.01	-0.02	-0.02	-0.01	-0.04	-0.07	0.00	0.00	-0.02	0.01	-0.01	-0.05	0.02	0.05	-0.05	-0.05	0.08	0.01	-0.03	-0.02	-0.02	0.01	0.15	-0.01	-0.04	-0.01	0.02	-0.05	-0.02	0.16	-0.03	0.06	-0.03	0.16	-0.03	-0.01	0.02	-0.05	-0.01	-0.01
CAICP	-0.21	-0.14	-0.18	0.04	-0.07	-0.27	-0.01	0.00	0.02	1.00	0.81	-0.12	-0.15	-0.08	0.13	-0.10	-0.11	0.02	0.21	-0.02	-0.16	0.01	0.06	-0.51	-0.16	0.33	0.00	0.54	0.63	0.11	0.13	0.32	-0.09	0.13	0.01	-0.22	0.12	-0.25	-0.08	0.32	0.07	0.07	0.20	0.05	-0.06	0.07	-0.17	0.41	0.10	0.27	0.01	0.32	0.43	-0.12	-0.12
CAINA	-0.15	-0.09	-0.14	0.01	-0.09	-0.24	0.05	-0.04	0.07	0.81	1.00	-0.10	-0.14	-0.09	0.04	-0.08	-0.07	0.01	0.17	-0.02	-0.14	0.02	0.07	-0.46	-0.15	0.25	0.00	0.41	0.51	0.01	0.03	0.26	-0.10	0.05	-0.05	-0.16	0.11	-0.23	-0.07	0.26	0.08	0.04	0.10	-0.01	-0.01	0.01	-0.15	0.36	0.00	0.24	0.00	0.23	0.32	-0.09	-0.09
CDICP	0.44	0.26	0.13	-0.02	0.07	0.11	0.16	0.40	-0.01	-0.12	-0.10	1.00	0.16	0.10	-0.20	0.15	0.31	0.02	0.15	0.16	0.02	-0.01	-0.01	0.11	0.14	0.09	0.02	-0.07	0.11	-0.19	-0.18	-0.20	0.12	-0.04	0.04	0.38	0.10	0.29	-0.03	-0.08	-0.01	0.14	-0.16	-0.06	0.03	0.02	0.09	-0.10	0.07	-0.10	0.05	0.08	-0.05	0.99	0.99
CEINA	0.34	0.22	0.34	0.20	0.23	-0.01	0.28	0.14	0.02	-0.15	-0.14	0.16	1.00	0.23	-0.26	0.36	0.32	0.32	0.65	0.37	0.31	-0.01	-0.05	0.30	0.98	0.23	0.01	0.07	0.09	-0.35	-0.34	-0.02	0.82	-0.06	0.08	0.17	0.19	0.43	0.17	-0.09	-0.10	0.82	-0.01	-0.04	0.07	0.12	0.44	0.02	0.18	-0.18	0.07	0.20	0.02	0.17	0.20
COINA	0.38	0.43	0.10	-0.06	0.07	-0.15	0.35	-0.07	-0.03	-0.08	-0.09	0.10	0.23	1.00	-0.09	0.24	0.52	0.21	0.06	0.70	0.05	-0.03	-0.03	-0.06	0.24	0.30	0.32	0.23	0.20	-0.18	-0.17	-0.04	0.13	0.46	0.17	0.13	0.07	0.00	0.01	0.31	0.12	0.21	-0.20	-0.11	0.00	0.13	-0.12	0.22	0.07	0.23	0.06	0.30	0.23	0.13	0.15
CRINA	-0.23	-0.06	-0.43	-0.27	-0.21	-0.11	-0.21	-0.25	-0.02	0.13	0.04	-0.20	-0.26	-0.09	1.00	-0.35	-0.25	-0.21	-0.34	-0.21	-0.06	0.01	0.04	-0.29	-0.25	0.18	-0.30	0.29	-0.03	0.54	0.55	0.10	-0.14	0.56	0.11	-0.15	-0.13	-0.34	-0.26	0.39	-0.04	-0.13	0.03	0.01	-0.07	0.16	-0.20	0.31	0.10	0.51	-0.04	0.22	0.28	-0.21	-0.20
CSINA	0.23	0.17	0.34	0.15	0.24	-0.19	0.42	0.09	0.01	-0.10	-0.08	0.15	0.36	0.24	-0.35	1.00	0.32	0.35	0.31	0.33	0.22	-0.03	0.00	0.00	0.34	-0.01	-0.03	0.01	0.06	-0.41	-0.38	-0.31	0.26	-0.05	0.08	0.10	0.13	0.38	0.26	-0.08	-0.03	0.29	-0.26	-0.14	0.04	-0.02	0.39	-0.13	0.14	-0.18	0.00	-0.02	-0.26	0.16	0.18
CUICP	0.69	0.53	0.19	0.12	0.14	-0.06	0.31	0.34	-0.02	-0.11	-0.07	0.31	0.32	0.52	-0.25	0.32	1.00	0.70	0.29	0.45	0.06	-0.02	-0.02	0.00	0.30	0.13	0.18	0.03	0.09	-0.30	-0.29	-0.14	0.28	0.15	0.02	0.32	0.19	0.17	0.14	0.07	0.08	0.32	-0.21	-0.11	-0.04	-0.04	0.10	0.00	0.13	-0.02	0.02	0.13	0.02	0.34	0.34
Combd	0.26	0.09	0.19	0.17	0.11	-0.23	0.18	0.31	-0.02	0.02	0.01	0.02	0.32	0.21	-0.21	0.35	0.70	1.00	0.35	0.35	0.11	-0.02	-0.02	-0.10	0.31	0.12	0.16	0.13	0.14	-0.28	-0.26	-0.05	0.29	0.07	0.00	0.08	0.27	0.10	0.19	0.12	0.09	0.34	-0.14	-0.09	-0.03	-0.02	0.17	0.08	0.11	0.01	0.00	0.13	0.07	0.02	0.04
EUINA	0.21	0.08	0.50	0.24	0.19	0.01	0.24	0.23	-0.01	0.21	0.17	0.15	0.65	0.06	-0.34	0.31	0.29	0.35	1.00	0.14	0.34	-0.03	-0.08	0.17	0.58	0.34	-0.11	0.10	0.31	-0.42	-0.40	0.28	0.61	-0.18	0.01	0.09	0.32	0.33	0.11	-0.11	-0.03	0.78	0.19	0.06	0.11	0.14	0.52	0.08	0.29	-0.21	0.05	0.32	0.23	0.16	0.16
FEINA	0.33	0.30	0.12	0.15	0.19	-0.28	0.38	0.10	-0.04	-0.02	-0.02	0.16	0.37	0.70	-0.21	0.33	0.45	0.35	0.14	1.00	0.07	-0.05	-0.03	-0.14	0.36	0.31	0.30	0.34	0.27	-0.40	-0.38	-0.10	0.23	0.30	0.17	0.09	0.15	0.21	0.09	0.36	0.19	0.29	-0.29	-0.16	0.02	0.02	0.01	0.28	0.06	0.21	0.15	0.26	0.02	0.18	0.22
HFINA	0.07	0.06	0.36	-0.07	-0.01	0.10	0.14	0.09	-0.07	-0.16	-0.14	0.02	0.31	0.05	-0.06	0.22	0.06	0.11	0.34	0.07	1.00	-0.02	-0.07	0.28	0.28	0.16	-0.10	0.02	-0.04	-0.18	-0.18	0.12	0.23	-0.02	0.12	0.08	0.14	0.27	-0.07	-0.04	-0.08	0.28	0.10	0.07	0.12	0.14	0.50	0.09	0.18	-0.12	-0.02	0.16	0.04	0.02	0.04
HGINA	-0.01	-0.01	0.00	-0.01	-0.01	0.02	-0.02	-0.02	0.00	0.01	0.02	-0.01	-0.01	-0.03	0.01	-0.03	-0.02	-0.02	-0.03	-0.05	-0.02	1.00	0.00	0.06	-0.01	-0.03	-0.04	-0.03	-0.02	-0.01	-0.01	-0.03	-0.02	-0.03	0.15	0.00	-0.02	-0.03	-0.01	-0.04	-0.01	-0.03	0.01	-0.02	-0.03	-0.03	0.00	-0.05	-0.04	-0.04	-0.01	-0.03	0.02	-0.01	-0.01
IRINA	-0.02	-0.01	-0.11	-0.01	0.01	-0.04	-0.02	-0.02	0.00	0.06	0.07	-0.01	-0.05	-0.03	0.04	0.00	-0.02	-0.02	-0.08	-0.03	-0.07	0.00	1.00	-0.10	-0.04	-0.03	0.08	0.00	-0.01	0.04	0.04	-0.06	-0.02	0.01	-0.02	-0.02	-0.04	-0.06	-0.01	0.00	-0.01	-0.05	0.01	-0.02	-0.03	-0.03	-0.08	-0.01	-0.04	0.01	-0.01	-0.04	-0.03	-0.01	-0.01
KICP	0.18	0.10	0.47	0.09	0.12	0.63	-0.06	0.07	-0.02	-0.51	-0.46	0.11	0.30	-0.06	-0.29	0.00	0.00	-0.10	0.17	-0.14	0.28	0.06	-0.10	1.00	0.31	-0.19	-0.12	-0.44	-0.24	-0.11	-0.13	-0.25	0.19	-0.41	-0.05	0.22	-0.04	0.53	0.15	-0.47	-0.13	0.13	0.15	0.14	0.07	-0.01	0.39	-0.46	0.00	-0.50	0.01	-0.16	-0.25	0.11	0.10
LAINA	0.33	0.21	0.30	0.22	0.26	-0.01	0.24	0.12	0.01	-0.16	-0.15	0.14	0.98	0.24	-0.25	0.34	0.30	0.31	0.58	0.36	0.28	-0.01	-0.04	0.31	1.00	0.19	0.05	0.06	0.08	-0.31	-0.30	-0.05	0.77	-0.05	0.08	0.16	0.17	0.40	0.21	-0.09	-0.09	0.74	0.00	-0.03	0.06	0.11	0.38	0.01	0.17	-0.16	0.08	0.17	0.02	0.15	0.18
LUINA	0.09	0.12	0.13	0.02	0.01	-0.23	0.21	-0.02	-0.01	0.33	0.25	0.09	0.23	0.30	0.18	-0.01	0.13	0.12	0.34	0.31	0.16	-0.03	-0.03	-0.19	0.19	1.00	0.11	0.52	0.34	-0.04	-0.03	0.30	0.26	0.46	0.16	0.00	0.18	-0.03	-0.07	0.60	0.14	0.51	0.00	-0.02	-0.08	0.39	0.07	0.57	0.29	0.51	0.03	0.94	0.62	0.10	0.12
Mean	0.07	0.07	-0.10	0.00	0.06	-0.20	0.17	0.01	-0.05	0.00	0.00	0.02	0.01	0.32	-0.30	-0.03	0.18	0.16	-0.11	0.30	-0.10	-0.04	0.08	-0.12	0.05	0.11	1.00	0.30	0.17	-0.11	-0.12	0.03	-0.05	0.19	0.01	-0.03	0.07	-0.22	0.03	0.27	0.15	-0.04	-0.05	-0.06	-0.09	0.06	-0.27	0.27	-0.16	0.17	-0.04	0.10	0.13	0.03	0.03
MGICP	-0.09	-0.01	-0.13	-0.05	-0.02	-0.46	0.28	-0.06	0.02	0.54	0.41	-0.07	0.07	0.23	0.29	0.01	0.03	0.13	0.10	0.34	0.02	-0.03	0.00	-0.44	0.06	0.52	0.30	1.00	0.67	0.03	0.06	0.22	0.06	0.55	0.15	-0.16	0.13	-0.16	-0.12	0.65	0.03	0.22	-0.03	-0.07	-0.05	0.17	-0.09	0.69	0.12	0.54	-0.02	0.49	0.40	-0.06	-0.04
MNICP	0.02	0.00	-0.01	0.02	0.01	-0.25	0.14	0.06	0.05	0.63	0.51	0.11	0.09	0.20	-0.03	0.06	0.09	0.14	0.31	0.27	-0.04	-0.02	-0.01	-0.24	0.08	0.34	0.17	0.67	1.00	-0.10	-0.08	0.13	-0.01	0.18	0.08	-0.06	0.17	-0.03	0.00	0.29	0.12	0.19	-0.01	-0.04	0.00	0.13	-0.04	0.33	0.13	0.23	-0.02	0.32	0.33	0.11	0.12
MOICP	-0.27	-0.13	-0.44	-0.23	-0.19	0.12	-0.30	-0.24	-0.05	0.11	0.01	-0.19	-0.35	-0.18	0.54	-0.41	-0.30	-0.28	-0.42	-0.40	-0.18	-0.01	0.04	-0.11	-0.31	-0.04	-0.11	0.03	-0.10	1.00	0.99	-0.02	-0.17	0.19	0.01	-0.15	-0.23	-0.37	-0.16	0.08	-0.07	-0.27	0.14	0.13	-0.10	0.14	-0.32	0.03	-0.09	0.17	-0.04	-0.01	0.20	-0.20	-0.20
MOINA	-0.26	-0.12	-0.43	-0.22	-0.18	0.10	-0.29	-0.23	-0.05	0.13	0.03	-0.18	-0.34	-0.17	0.55	-0.38	-0.29	-0.26	-0.40	-0.38	-0.18	-0.01	0.04	-0.13	-0.30	-0.03	-0.12	0.06	-0.08	0.99	1.00	-0.02	-0.15	0.21	0.01	-0.15	-0.22	-0.36	-0.16	0.11	-0.06	-0.24	0.13	0.12	-0.10	0.14	-0.30	0.05	-0.06	0.19	-0.04	0.00	0.20	-0.19	-0.19
NAINA	-0.22	-0.12	0.27	-0.15	-0.22	-0.15	0.09	-0.08	0.08	0.32	0.26	-0.20	-0.02	-0.04	0.10	-0.31	-0.14	-0.05	0.28	-0.10	0.12	-0.03	-0.06	-0.25	-0.05	0.30	0.03	0.22	0.13	-0.02	-0.02	1.00	0.04	0.11	0.02	-0.18	0.26	-0.33	-0.24	0.27	0.07	0.18	0.46	0.18	0.10	0.08	0.17	0.54	0.19	0.21	-0.03	0.30	0.54	-0.20	-0.20
NDINA	0.26	0.14	0.27	0.20	0.19	-0.03	0.24	0.14	0.01	-0.09	-0.10	0.12	0.82	0.13	-0.14	0.26	0.28	0.29	0.61	0.23	0.23	-0.02	-0.02	0.19	0.77	0.26	-0.05	0.06	-0.01	-0.17	-0.15	0.04	1.00	-0.02	0.05	0.11	0.18	0.32	0.09	-0.05	-0.09	0.84	0.00	-0.03	0.05	0.16	0.38	0.04	0.20	-0.12	0.12	0.24	0.08	0.12	0.14
NIICP	0.05	0.18	-0.19	-0.17	-0.08	-0.38	0.10	-0.16	-0.03	0.13	0.05	-0.04	-0.06	0.46	0.56	-0.05	0.15	0.07	-0.18	0.30	-0.02	-0.03	0.01	-0.41	-0.05	0.46	0.19	0.55	0.18	0.19	0.21	0.11	-0.02	1.00	0.30	-0.02	0.09	-0.29	-0.15	0.70	0.06	0.09	-0.16	-0.11	-0.06	0.22	-0.20	0.51	0.21	0.72	0.01	0.49	0.37	-0.03	-0.01
NIINA	0.13	0.20	-0.03	0.04	0.13	-0.08	0.05	0.02	-0.02	0.01	-0.05	0.04	0.08	0.17	0.11	0.08	0.02	0.00	0.01	0.17	0.12	0.15	-0.02	-0.05	0.08	0.16	0.01	0.15	0.08	0.01	0.01	0.02	0.05	0.30	1.00	0.07	-0.03	0.03	0.10	0.12	-0.03	0.09	-0.08	-0.06	0.03	0.05	0.01	0.09	0.04	0.09	0.05	0.15	0.09	0.04	0.07
PBICP	0.63	0.52	0.16	0.00	0.05	0.16	0.04	0.31	-0.02	-0.22	-0.16	0.38	0.17	0.13	-0.15	0.10	0.32	0.08	0.09	0.09	0.08	0.00	-0.02	0.22	0.16	0.00	-0.03	-0.16	-0.06	-0.15	-0.15	-0.18	0.11	-0.02	0.07	1.00	0.18	0.19	0.06	-0.06	-0.03	0.12	-0.11	-0.03	0.00	-0.01	0.11	-0.18	0.04	-0.12	0.01	-0.01	-0.11	0.39	0.39
PICP	0.03	0.00	0.44	0.15	0.03	-0.12	0.18	0.14	0.01	0.12	0.11	0.10	0.19	0.07	-0.13	0.13	0.19	0.27	0.32	0.15	0.14	-0.02	-0.04	-0.04	0.17	0.18	0.07	0.13	0.17	-0.23	-0.22	0.26	0.18	0.09	-0.03	0.18	1.00	0.10	0.10	0.22	0.02	0.27	0.12	0.03	0.07	0.03	0.34	0.31	0.28	0.16	-0.01	0.18	0.21	0.11	0.09
RBINA	0.25	0.13	0.43	0.32	0.31	0.22	0.24	0.27	0.15	-0.25	-0.23	0.29	0.43	0.00	-0.34	0.38	0.17	0.10	0.33	0.21	0.27	-0.03	-0.06	0.53	0.40	-0.03	-0.22	-0.16	-0.03	-0.37	-0.36	-0.33	0.32	-0.29	0.03	0.19	0.10	1.00	0.27	-0.30	-0.13	0.30	-0.16	-0.08	0.06	-0.04	0.48	-0.34	0.26	-0.34	0.09	-0.07	-0.39	0.29	0.30
SBINA	0.14	0.03	0.14	0.58	0.57	-0.03	0.07	0.09	-0.01	-0.08	-0.07	-0.03	0.17	0.01	-0.26	0.26	0.14	0.19	0.11	0.09	-0.07	-0.01	-0.01	0.15	0.21	-0.07	0.03	-0.12	0.00	-0.16	-0.16	-0.24	0.09	-0.15	0.10	0.06	0.10	0.27	1.00	-0.13	-0.03	0.10	-0.16	-0.09	-0.07	-0.06	0.10	-0.16	0.14	-0.14	-0.01	-0.09	-0.19	-0.03	-0.03
SCINA	-0.06	0.01	-0.01	-0.12	-0.08	-0.41	0.08	-0.13	-0.04	0.32	0.26	-0.08	-0.09	0.31	0.39	-0.08	0.07	0.12	-0.11	0.36	-0.04	-0.04	0.00	-0.47	-0.09	0.60	0.27	0.65	0.29	0.08	0.11	0.27	-0.05	0.70	0.12	-0.06	0.22	-0.30	-0.13	1.00	0.19	0.11	-0.11	-0.10	-0.10	0.21	-0.21	0.79	0.16	0.87	-0.04	0.61	0.44	-0.07	-0.06
SEINA	0.00	-0.02	0.02	-0.02	-0.01	-0.10	0.04	0.00	-0.01	0.07	0.08	-0.01	-0.10	0.12	-0.04	-0.03	0.08	0.09	-0.03	0.19	-0.08	-0.01	-0.01	-0.13	-0.09	0.14	0.15	0.03	0.12	-0.07	-0.06	0.07	-0.09	0.06	-0.03	-0.03	0.02	-0.13	-0.03	0.19	1.00	-0.07	-0.07	0.00	-0.06	-0.05	-0.11	0.15	-0.02	0.14	-0.01	0.11	0.11	0.00	0.00
SMINA	0.28	0.18	0.37	0.20	0.19	-0.09	0.32	0.14	0.02	0.07	0.04	0.14	0.82	0.21	-0.13	0.29	0.32	0.34	0.78	0.29	0.28	-0.03	-0.05	0.13	0.74	0.51	-0.04	0.22	0.19	-0.27	-0.24	0.18	0.84	0.09	0.09	0.12	0.27	0.30	0.10	0.11	-0.07	1.00	0.03	-0.01	0.06	0.29	0.45	0.20	0.29	0.00	0.06	0.50	0.26	0.15	0.17
SRICP	-0.19	-0.11	0.13	-0.13	-0.15	0.21	-0.14	-0.10	-0.05	0.20	0.10	-0.16	-0.01	-0.20	0.03	-0.26	-0.21	-0.14	0.19	-0.29	0.10	0.01	0.01	0.15	0.00	0.00	-0.05	-0.03	-0.01	0.14	0.13	0.46	0.00	-0.16	-0.08	-0.11	0.12	-0.16	-0.16	-0.11	-0.07	0.03	1.00	0.74	0.04	0.03	0.10	0.14	0.06	-0.10	-0.04	0.03	0.33	-0.16	-0.16
SRINA	-0.09	-0.06	0.07	-0.05	-0.09	0.17	-0.11	-0.09	-0.02	0.05	-0.01	-0.06	-0.04	-0.11	0.01	-0.14	-0.11	-0.09	0.06	-0.16	0.07	-0.02	-0.02	0.14	-0.03	-0.02	-0.06	-0.07	-0.04	0.13	0.12	0.18	-0.03	-0.11	-0.06	-0.03	0.03	-0.08	-0.09	-0.10	0.00	-0.01	0.74	1.00	0.01	0.06	0.05	0.01	-0.02	-0.10	-0.04	0.02	0.15	-0.06	-0.07
TAINA	-0.01	0.02	0.14	-0.08	-0.06	0.00	0.07	0.00	0.16	-0.06	-0.01	0.03	0.07	0.00	-0.07	0.04	-0.04	-0.03	0.11	0.02	0.12	-0.03	-0.03	0.07	0.06	-0.08	-0.09	-0.05	0.00	-0.10	-0.10	0.10	0.05	-0.06	0.03	0.00	0.07	0.06	-0.07	-0.10	-0.06	0.06	0.04	0.01	1.00	-0.05	0.14	-0.02	0.06	-0.10	0.06	-0.03	-0.01	0.03	0.02
TBINA	0.01	0.00	0.00	-0.11	-0.05	-0.05	0.01	-0.06	-0.03	0.07	0.01	0.02	0.12	0.13	0.16	-0.02	-0.04	-0.02	0.14	0.02	0.14	-0.03	-0.03	-0.01	0.11	0.39	0.06	0.17	0.13	0.14	0.14	0.08	0.16	0.22	0.05	-0.01	0.03	-0.04	-0.06	0.21	-0.05	0.29	0.03	0.06	-0.05	1.00	0.05	0.18	0.15	0.17	0.04	0.43	0.31	0.01	0.03
THINA	0.08	0.02	0.69	0.17	0.05	0.09	0.31	0.16	0.06	-0.17	-0.15	0.09	0.44	-0.12	-0.20	0.39	0.10	0.17	0.52	0.01	0.50	0.00	-0.08	0.39	0.38	0.07	-0.27	-0.09	-0.04	-0.32	-0.30	0.17	0.38	-0.20	0.01	0.11	0.34	0.48	0.10	-0.21	-0.11	0.45	0.10	0.05	0.14	0.05	1.00	-0.08	0.44	-0.31	-0.03	0.07	-0.14	0.09	0.09
TIICP	-0.10	-0.02	0.03	-0.16	-0.05	-0.38	0.21	-0.13	-0.03	0.41	0.36	-0.10	0.02	0.22	0.31	-0.13	0.00	0.08	0.08	0.28	0.09	-0.05	-0.01	-0.46	0.01	0.57	0.27	0.69	0.33	0.03	0.05	0.54	0.04	0.51	0.09	-0.18	0.31	-0.34	-0.16	0.79	0.15	0.20	0.14	0.01	-0.02	0.18	-0.08	1.00	0.09	0.65	-0.04	0.55	0.61	-0.09	-0.07
UINA	0.08	0.07	0.33	0.22	0.22	-0.13	0.18	0.11	0.16	0.10	0.00	0.07	0.18	0.07	0.10	0.14	0.13	0.11	0.29	0.06	0.18	-0.04	-0.04	0.00	0.17	0.29	-0.16	0.12	0.13	-0.09	-0.06	0.19	0.20	0.21	0.04	0.04	0.28	0.26	0.14	0.16	-0.02	0.29	0.06	-0.02	0.06	0.15	0.44	0.09	1.00	0.19	0.02	0.30	0.10	0.07	0.06
VICP	-0.10	-0.01	-0.18	-0.13	-0.09	-0.35	-0.03	-0.13	-0.03	0.27	0.24	-0.10	-0.18	0.23	0.51	-0.18	-0.02	0.01	-0.21	0.21	-0.12	-0.04	0.01	-0.50	-0.16	0.51	0.17	0.54	0.23	0.17	0.19	0.21	-0.12	0.72	0.09	-0.12	0.16	-0.34	-0.14	0.87	0.14	0.00	-0.10	-0.10	-0.10	0.17	-0.31	0.65	0.19	1.00	-0.02	0.53	0.42	-0.09	-0.09
WINA	0.02	0.01	0.03	-0.03	-0.01	0.03	-0.04	0.04	-0.01	0.01	0.00	0.05	0.07	0.06	-0.04	0.00	0.02	0.00	0.05	0.15	-0.02	-0.01	-0.01	0.01	0.08	0.03	-0.04	-0.02	-0.02	-0.04	-0.04	-0.03	0.12	0.01	0.05	0.01	-0.01	0.09	-0.01	-0.04	-0.01	0.06	-0.04	-0.04	0.06	0.04	-0.03	-0.04	0.02	-0.02	1.00	0.02	0.05	0.06	0.06
YBINA	0.07	0.10	0.15	0.00	-0.03	-0.21	0.18	-0.05	0.02	0.32	0.23	0.08	0.20	0.30	0.22	-0.02	0.13	0.13	0.32	0.26	0.16	-0.03	-0.04	-0.16	0.17	0.94	0.10	0.49	0.32	-0.01	0.00	0.30	0.24	0.49	0.15	-0.01	0.18	-0.07	-0.09	0.61	0.11	0.50	0.03	0.02	-0.03	0.43	0.07	0.55	0.30	0.53	0.02	1.00	0.65	0.10	0.12
YICP	-0.10	-0.01	0.00	-0.22	-0.15	-0.17	0.03	-0.15	-0.05	0.43	0.32	-0.05	0.02	0.23	0.28	-0.26	0.02	0.07	0.23	0.02	0.04	0.02	-0.03	-0.25	0.02	0.62	0.13	0.40	0.33	0.20	0.20	0.54	0.08	0.37	0.09	-0.11	0.21	-0.39	-0.19	0.44	0.11	0.26	0.33	0.15	-0.01	0.31	-0.14	0.61	0.10	0.42	0.05	0.65	1.00	-0.05	-0.03
ZNICP	0.46	0.29	0.13	-0.02	0.08	0.11	0.16	0.40	-0.01	-0.12	-0.09	0.99	0.17	0.13	-0.21	0.16	0.34	0.02	0.16	0.18	0.02	-0.01	-0.01	0.11	0.15	0.10	0.03	-0.06	0.11	-0.20	-0.19	-0.20	0.12	-0.03	0.04	0.39	0.11	0.29	-0.03	-0.07	0.00	0.15	-0.16	-0.06	0.03	0.01	0.09	-0.09	0.07	-0.09	0.06	0.10	-0.05	1.00	0.99
ZNINA	0.46	0.30	0.12	-0.02	0.08	0.10	0.17	0.38	-0.01	-0.12	-0.09	0.99	0.20	0.15	-0.20	0.18	0.34	0.04	0.16	0.22	0.04	-0.01	-0.01	0.10	0.18	0.12	0.03	-0.04	0.12	-0.20	-0.19	-0.20	0.14	-0.01	0.07	0.39	0.09	0.30	-0.03	-0.06	0.00	0.17	-0.16	-0.07	0.02	0.03	0.09	-0.07	0.06	-0.09	0.06	0.12	-0.03	0.99	1.00

APPENDIX VI

Original Drill Logs for the 9 Holes Analysed During the 1995 Program

DDH RMY-79-14

PROPERTY	RED MOUNTAIN - Yukon	LATITUDE	1+20 N	STARTED	October 16, 1979
HOLE NO	RMY-79-14	DEPARTURE	Line 2+50 W	FINISHED	October 17, 1979
BEARING	—	ELEVATION	1478 m	LENGTH	35.7 m
DIP COLLAR	90°	SECTION	—	LOGGED BY	C. Everett

DIP TEST					
Footage	Corrected	Footage	Corrected	Footage	Corrected

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	9.1	CASING	
9.1	17.1	QUARTZ EYE DIORITE	
		Grey yellow, medium grained, moderately to intensely sericitized porphyry. Unit is highly oxidized to 14.3 m with limonite occurring along fractures throughout. Contains ~5-8% 2-4mm quartz eyes and ~2% extremely fine grained disseminated py. No visible pyrite to 11.3 m. Biotite has essentially been completely replaced by sericite. Feldspars are intensely sericitized.	2% py Tr.-¼% galena(?)
		Unit is massive and contains no visible qtz veins or MoS_2. Trace to ¼% fine grained disseminations and 1-2mm patches of a dark blue metallic mineral (galena?) were noted throughout, particularly from 11.5 to 17.1 m - a reddish oxide is also associated.	
		12.0 : Tr. sphalerite and galena along a fracture at 45° to C.A.	
		15.1-15.4: Locally brecciated. Composed of ~98% angular and rotated 2-5cm quartz eye diorite and ~2% 5-15mm angular sericitic hornfels fragments. No visible matrix associated with section.	
17.1	35.7	QUARTZ EYE DIORITE (BRECCIA)	
		Essentially same as above quartz eye diorite. Unit is composed of ~80-90% fragments: 98% 1-25cm angular quartz eye diorite and 2% 3-20mm subangular to subrounded hornfels (Tr. q.m.p.) fragments brecciated by a silica saturated pale grey, porphyritic, intrusive matrix. Matrix contains ~3-15% 1-3mm moderately sericitized, pale yellow feldspar phenocrysts and 1-2% fine grained disseminated py throughout. Attitude of brecciation at 0-20° to C.A. Limonite noted along fractures to 33.0 m. From 17.1 to 20.1 Tr-¼% galena (?) occurring both within the matrix and within the q.e.d. fragments. From 20.1 to 35.7 Tr-¼% vugs of reddish-black sphalerite occurring primarily along fractures and within the matrix.	2% py Tr. galena(?) Tr.-¼% sph Tr. MoS_2
		18.70: 1.4cm rounded sericitic hornfels fragment containing stringers of cpy and Tr. disseminations of MoS_2.	
		25.96: 1.6cm sericitic quartz monzonite porphyry and barren q.v. fragment.	
		28.94: Vugs of sph along fractures at 60° to C.A.	
		31.40: 1cm muscovite-apatite fragment.	
		34.35: Tr. cpy and sph along an irregular pyritic fracture filling	
	35.7	END OF HOLE	

SAMPLE NO.	FOOTAGE (m) From	FOOTAGE (m) To	Length	ASSAYS MoS_2	Cu	W ppm	F ppm
6886	9.1	12.0	2.9	0.010	0.029	3	
6887	12.0	15.0	3.0	0.006	0.044	2	490
6888	15.0	18.0	3.0	0.007	0.052	3	
6889	18.0	21.0	3.0	0.011	0.059	4	
6890	21.0	24.0	3.0	0.003	0.096	3	480
6891	24.0	27.0	3.0	0.012	0.054	15	
6892	27.0	30.0	3.0	0.010	0.067	23	
6893	30.0	33.0	3.0	0.014	0.050	85	470
6894	33.0	35.7	2.7	0.018	0.054	12	
	END OF HOLE 35.7 m						

DDH RMY-79-16

AMOCO CANADA PETROLEUM COMPANY LTD. · MINING DIVISION · DIAMOND DRILL HOLE RECORD

PROPERTY RED MOUNTAIN - YUKON	LATITUDE 3 + 00 N	STARTED OCTOBER 27, 1979	
HOLE NO. RMY 79-16	DEPARTURE LINE 2 + 50 W	FINISHED NOVEMBER 12, 1979	
BEARING ————	ELEVATION 1436 m	LENGTH 566.3 m	
DIP COLLAR 90°	SECTION ————	LOGGED BY C. EVERETT	

DIP TEST

Footage	Corrected	Footage	Corrected	Footage	Corrected
199 m	89° Az. 355°				
351 m	89° Az. 348°				
482 m	84° Az. 329°				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	9.8	CASING	
9.8	42.0	QUARTZ MONZONITE PORPHYRY - OXIDIZED	
		Highly oxidized and fractured, limonitic, medium grained, intensely sericitic, pale yellow porphyry. Contains approx. 3-5% quartz eyes, trace - 2% fine grained disseminated subhedral pyrite, trace - 2% books of sericitized biotite and 1-3%, 5-25 mm subrounded to subangular hornfels inclusions, trace muscovite-apatite inclusions noted.	Tr - 2% py < .05% MoS_2 Tr cpy, sph
		MoS_2 content < .05% unit locally contains sections of a moderately developed quartz stockwork approx. 6-15 1-15mm quartz vein/ metre. Veinlets are often shattered and offset giving the porphyry a locally brecciated character. No visible MoS_2 to 19.8.	
		34.18: Trace chalcopyrite along fractures.	
		40.4-42.0: Breccia - approx. 60-75% 1-60mm angular fragments within a fine to medium grained, moderately sericitized quartz diorite porphyry-like matrix. Matrix contains ~5% pyrite and 10-15% sericitized feldspar phenocrysts within a rhyolitic matrix. Fragment content: 30% quartz monzonite porphyry, 30% quartz eye diorite, 20% hornfels, and 10% quartz fragments. Contacts to quartz monzonite porphyry at 40° to the core axis.	
		41.35: 2-4mm sphalerite, chalcopyrite, pyrite fracture filling at 80° to the core axis.	
42.0	103.6	QUARTZ MONZONITE PORPHYRY-SERICITIC-LOCALLY BRECCIATED	
		Pale yellow-yellow green, sericitic porphyry locally containing brecciated sections, from 49.7-50.3, 53.7-56.4, and 58.3-58.65, similar to that located from 40.4-42.0 above. Sections are post quartz veining and are often cut by fine grained feldspar-chalcopyrite fracture fillings. The quartz monzonite porphyry is locally intensely saturated with silica, giving the unit a hackly texture.	3-4% py < .05% MoS_2 Tr-½% cpy Tr-½% sph Tr gypsum

SAMPLE NO.	FOOTAGE (m) From	FOOTAGE (m) To	FOOTAGE (m) Length	ASSAYS MoS_2	ASSAYS Cu	ASSAYS W ppm	ASSAYS F ppm
6983	9.8	13.0	3.2	0.019	0.012	3	
6984	13.0	16.0	3.0	0.017	0.010	6	395
6985	16.0	19.0	3.0	0.024	0.012	3	
6986	19.0	22.0	3.0	0.018	0.014	3	
6987	22.0	25.0	3.0	0.032	0.021	2	360
6988	25.0	28.0	3.0	0.028	0.026	2	
6989	28.0	31.0	3.0	0.031	0.020	<2	
6990	31.0	34.0	3.0	0.024	0.102	2	435
6991	34.0	37.0	3.0	0.027	0.104	3	
6992	37.0	40.0	3.0	0.014	0.071	35	
6993	40.0	43.0	3.0	0.024	0.111	30	380
6994	43.0	46.0	3.0	0.033	0.142	8	
6995	46.0	49.0	3.0	0.027	0.117	5	
6996	49.0	52.0	3.0	0.012	0.096	8	640
6997	52.0	55.0	3.0	0.020	0.132	2	
6998	55.0	58.0	3.0	0.020	0.104	5	650
6999	58.0	61.0	3.0	0.021	0.092	<2	
7000	61.0	64.0	3.0	0.011	0.062	3	
7001	64.0	67.0	3.0	0.016	0.063	6	650
7002	67.0	70.0	3.0	0.026	0.097	4	
7003	70.0	73.0	3.0	0.015	0.042	28	515
7004	73.0	76.0	3.0	0.011	0.010	15	
7005	76.0	79.0	3.0	0.011	0.020	2	
7006	79.0	82.0	3.0	0.020	0.009	<2	335
7007	82.0	85.0	3.0	0.021	0.015	3	
7008	85.0	88.0	3.0	0.017	0.014	<2	
7009	88.0	91.0	3.0	0.025	0.004	2	650
7010	91.0	94.0	3.0	0.015	0.004	3	
7011	94.0	97.0	3.0	0.024	0.007	2	
7012	97.0	100.0	3.0	0.020	0.004	3	690
7013	100.0	103.0	3.0	0.028	0.005	<2	
7014	103.0	106.0	3.0	0.040	0.002	<2	
7015	106.0	109.0	3.0	0.012	0.032	3	1100
7016	109.0	112.0	3.0	0.006	0.024	<2	
7017	112.0	115.0	3.0	0.010	0.003	20	1075
7018	115.0	118.0	3.0	0.012	0.003	3	2000
7019	118.0	121.0	3.0	0.012	0.003	5	1850

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		Unit has a vuggy, weathered appearance throughout. Contains 3-4% pyrite as disseminations and along fractures.	
		MoS_2 content< .05%. 5-15, generally quartz pyrite veinlets per metre. Unit is cut by post MoS_2, quartz, pyrite, chalcopyrite, sphalerite, veinlets and fracture fillings throughout. Chalcopyrite content: Trace-½%, sphalerite content: Trace-½%. 1-2 gypsum fracture fillings per metre from 76.2-103.6.	
		44.9-46.9, 47.2-47.6, 50.3-53.7 and 74.1-74.4: Locally brecciated by pyrite, sphalerite, chalcopyrite fracture fillings.	
		45.3-46.1: .05-.10% MoS_2 along numerous, shattered quartz MoS_2 vs generally orientated at 30° C.A.	
		49.3: 5mm fine grained black sphalerite, Tr.cpy fracture filling @ 80° to C.A.	
		61.0-61.7: Cpy, Tr. galena, qtz py veinlet parallel to C.A.	
		69.66: 1.5cm quartz MoS_2 v., 1mm rims of MoS_2 at 45° CA.	
		76.2-77.4: Highly sheared & gouged	
		101.75-103.0: Gouge.	
103.0	122.1	BIOTITE HORNFELS	
		Generally fractured and contorted, locally chloritic, dark green-brown biotite hornfels. Contains approx. 15% 1-20mm bands of weak to moderately chloritized silica throughout. Foliation at 0-10° to the core axis. To 110.4 from 110.4-122.1 foliation is highly contorted and crenulated. Contacts to upper quartz monzonite porphyry and lower quartz eye diorite are gouged. Trace muscovite-apatite fragments were noted along locally brecciated sections from 103.0-103.6 and 105.2-109.4. 2-4% pyrite throughout as disseminations, along fractures, and within numerous crosscutting quartz pyrite veinlets.	2-4% py <.05% MoS_2 Tr cpy
		Trace quartz MoS_2 veinlets throughout. MoS_2 content .05%. Trace chalcopyrite noted along pyritic fractures.	
		112.1-113.2: Quartz monzonite prophyry: sericitic-chloritic similar to above 42.0-103.6 section. .3 metre contacts to hornfels are fractured. MoS_2 content <.05%.	
		119.0-122.1: Highly sheared - minor gouge.	
122.1	160.9	QUARTZ EYE DIORITE-BRECCIATED SECTIONS	
		Massive, fine grained, pale yellow-green, sericitic-chloritic quartz eye diorite containing 3-10% 1-5mm quartz eyes, 60-70% fine feldspar phenocrysts. Trace-1% muscovite books and 2-6% disseminated pyrite within a siliceous matrix. Brecciated sections, composed of 70-90% fragments: 70% quartz eye diorite, 20-30% hornfels, and trace-10% quartz monzonite porphyry occur within a fine grained sericitic-chloritic to chloritic quartz diorite porphyry-like matrix from 122.1-122.7, 123.7-124.1, 124.6-125.2, 127.1-127.6, 138.15-139.4, 139.9-140.85,	2-6% py Tr sph,gn,MoS_2

SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS MoS_2	Cu	W ppm	F ppm
7020	121.0	124.0	3.0	0.007	0.005	<2	
7021	124.0	127.0	3.0	0.012	0.005	2	
7022	127.0	130.0	3.0	0.004	0.006	<2	390
7023	130.0	133.0	3.0	0.002	0.012	3	
7024	133.0	136.0	3.0	0.004	0.013	2	
7025	136.0	139.0	3.0	0.003	0.010	<2	330
7026	139.0	142.0	3.0	0.003	0.014	<2	
7027	142.0	145.0	3.0	0.006	0.013	<2	
7028	145.0	148.0	3.0	0.004	0.015	7	335
7029	148.0	151.0	3.0	0.004	0.014	3	
7030	151.0	154.0	3.0	0.001	0.012	<2	
7031	154.0	157.0	3.0	0.001	0.011	<2	310
7032	157.0	160.0	3.0	0.004	0.010	2	
7033	160.0	163.0	3.0	0.002	0.011	3	
7034	163.0	166.0	3.0	0.001	0.010	3	375
7035	166.0	169.0	3.0	0.001	0.010	8	
7036	169.0	172.0	3.0	0.002	0.012	5	
7037	172.0	175.0	3.0	0.001	0.014	4	
7038	175.0	178.0	3.0	0.001	0.010	3	
7039	178.0	181.0	3.0	0.002	0.010	<2	
7040	181.0	184.0	3.0	0.002	0.008	2	
7041	184.0	187.0	3.0	0.001	0.010	<2	410
7042	187.0	190.0	3.0	0.001	0.010	<2	
7043	190.0	193.0	3.0	0.001	0.010	<2	750
7044	193.0	196.0	3.0	0.001	0.009	<2	
7045	196.0	199.0	3.0	0.001	0.009	<2	
7046	199.0	202.0	3.0	0.002	0.008	<2	240
7047	202.0	205.0	3.0	0.001	0.008	2	
7048	205.0	208.0	3.0	0.002	0.008	<2	
7049	208.0	211.0	3.0	0.002	0.009	<2	290
7050	211.0	214.0	3.0	0.001	0.008	<2	
7051	214.0	217.0	3.0	0.001	0.007	<2	
7052	217.0	220.0	3.0	0.001	0.003	<2	295
7053	220.0	223.0	3.0	0.001	0.005	<2	285
7054	223.0	226.0	3.0	0.001	0.006	2	
7055	226.0	229.0	3.0	0.001	0.006	<2	775
7056	229.0	232.0	3.0	0.001	0.010	<2	
7057	232.0	235.0	3.0	0.001	0.010	<2	
7058	235.0	238.0	3.0	0.001	0.009	<2	660
7059	238.0	241.0	3.0	0.001	0.011	2	
7060	241.0	244.0	3.0	0.002	0.009	6	
7061	244.0	247.0	3.0	0.001	0.012	10	550
7062	247.0	250.0	3.0	0.002	0.009	<2	
7063	250.0	253.0	3.0	0.002	0.006	5	
7064	253.0	256.0	3.0	0.001	0.006	12	690
7065	256.0	259.0	3.0	0.001	0.006	20	
7066	259.0	262.0	3.0	0.001	0.006	12	
7067	262.0	265.0	3.0	0.001	0.006	8	430
7068	265.0	268.0	3.0	0.001	0.007	7	
7069	268.0	271.0	3.0	0.001	0.007	8	
7070	271.0	274.0	3.0	0.001	0.007	5	435

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		141.3-150.3, 152.8-153.0 and 155.8-160.9. Matrix contains 15-25% sericitized feldspar phenocrysts and 1-2% disseminated pyrite. Brecciated sections represent approx. 50% of the total unit.	
		MoS₂ content < .01% occurring only as trace dissemination within quartz monzonite porphyry and/or hornfels fragments with breccia zones. No visible quartz veining. Trace carbonate fracture fillings throughout.	
		129.6-130.0: Trace sphalerite along irregular pyritic fractures.	
		131.5-132.6, 134.2-138.41, and 145.1-149.7: Highly sheared - minor gouge.	
		157.6-160.9: Trace patches of sphalerite and galena within matrix of brecciated section.	
		159.49: 1cm pyrrhotite vug rimmed by pyrite.	
160.9	289.0	**QUARTZ EYE DIORITE-FINE GRAINED**	
		Unit is essentially identical to that located from 83.3-254.8 of RMY 79-15. Massive, fine grained, pale yellow-green, generally sericitic-chloritic porphyry (locally sericitic and/or brecciated) containing approx. 3-10% quartz eyes. Trace fine muscovite books, 2-5% pyrite and 60-70% weakly chloritized to sericitized feldspar phenocrysts within generally weakly chloritic siliceous matrix. Sericitic-chloritic sections represent approx. 65% of total section, occurring from 160.9-168.8, 173.4-187.1, 190.62-193.98, 221.0-243.5, 248.35-269.1, and 271.3-289.0. Grey-yellow sericitic sections located at 189.3-190.62 and 193.98-199.9.	2-5% py
		Approximately 10% of total section, from 168.8-173.4, 187.1-189.3, 243.5-248.35 and 269.1-271.3, is locally brecciated. Essentially a sericitic-chloritic quartz eye diorite brecciated by a fine grained chloritic quartz diorite porphyry-like intrusive matrix. Matrix contains approx. 10-25% fine feldspar phenocrysts and 1-2% disseminated pyrite. Attitude of brecciation at approx. 50-75° to the core axis.	
		From 197.0-289.0 approx. 45% is highly fractured with minor gouge. Sheared zones noted from 210.4-213.1, 215.4-215.9, 220.5-221.0, 226.67-230.2, 234.1-238.5, 252.3-261.2, 265.5-269.1 and 272.9-289.0. Gouge from 197.0-197.14, 218.05-218.7, 247.9-248.1, and 248.35-248.6.	
		187.14: 4mm gypsum fracture filling at 25° C.A.	
		189.12: 8mm white carbonate v. at 70° C.A.	
		192.8-193.1: Medium to coarse grained quartz diorite inclusion	
		194.7: 4mm po. vug rimmed by pyrite.	
		199.9-221.0: Sericitic-chloritic. Contains trace-2% quartz eyes. Similar to 33.4-83.3 section of RMY 79-15.	
		219.5-219.8: .2 metre ground core.	
		224.1: 5mm gypsum fracture filling at 10° C.A.	
		228.6-229.2: Section contains approx. 15% py.	
		266.1-269.1: 1.6 metre ground core.	

SAMPLE NO.	FOOTAGE (m) From	FOOTAGE (m) To	FOOTAGE (m) Length	ASSAYS MoS_2	ASSAYS Cu	ASSAYS W ppm	ASSAYS F ppm
7071	274.0	277.0	3.0	0.001	0.008	4	
7072	277.0	280.0	3.0	0.001	0.007	3	
7073	280.0	283.0	3.0	0.001	0.011	4	760
7074	283.0	286.0	3.0	0.001	0.008	<2	
7075	286.0	289.0	3.0	0.001	0.017	3	
7076	289.0	292.0	3.0	0.002	0.027	3	655
7077	292.0	295.0	3.0	0.005	0.013	2	
7078	295.0	298.0	3.0	0.007	0.010	3	
7079	298.0	301.0	3.0	0.003	0.014	2	395
7080	301.0	304.0	3.0	0.002	0.013	3	
7081	304.0	307.0	3.0	0.001	0.010	<2	
7082	307.0	310.0	3.0	0.002	0.010	2	580
7083	310.0	313.0	3.0	0.002	0.011	2	
7084	313.0	316.0	3.0	0.003	0.012	2	560
7085	316.0	319.0	3.0	0.003	0.011	4	
7086	319.0	322.0	3.0	0.004	0.009	2	
7087	322.0	325.0	3.0	0.003	0.007	<2	825
7088	325.0	328.0	3.0	0.003	0.009	<2	
7089	328.0	331.0	3.0	0.001	0.008	2	
7090	331.0	334.0	3.0	0.002	0.008	3	
*7091	334.0	336.8	2.8	0.002	0.006	2	730
7092	336.8	340.0	3.2	0.002	0.004	2	
7093	340.0	343.0	3.0	0.002	0.001	<2	
7094	343.0	346.0	3.0	0.002	0.002	<2	785
7095	346.0	349.0	3.0	0.002	0.001	<2	
7096	349.0	352.0	3.0	0.005	0.004	<2	
7097	352.0	355.0	3.0	0.003	0.003	2	675
7098	355.0	358.0	3.0	0.001	0.003	4	
7099	358.0	361.0	3.0	0.002	0.005	3	
7100	361.0	364.0	3.0	0.002	0.005	2	655
7101	364.0	367.0	3.0	0.002	0.003	<2	
7102	367.0	370.0	3.0	0.002	0.002	<2	
7103	370.0	373.0	3.0	0.002	0.002	<2	790
7104	373.0	376.0	3.0	0.001	0.002	<2	
7105	376.0	379.0	3.0	0.001	0.002	<2	
7106	379.0	382.0	3.0	0.002	0.002	3	575
7107	382.0	385.0	3.0	0.010	0.001	120	
7108	385.0	388.0	3.0	0.002	0.002	<2	
7109	388.0	391.0	3.0	0.005	0.002	3	640
7110	391.0	394.0	3.0	0.009	0.001	2	
7111	394.0	397.0	3.0	0.003	0.002	2	
7112	397.0	400.0	3.0	0.004	0.002	22	410
7113	400.0	403.0	3.0	0.004	0.002	<2	
7114	403.0	406.0	3.0	0.005	0.003	3	
7115	406.0	409.0	3.0	0.003	0.002	2	395
7116	409.0	412.0	3.0	0.007	0.002	<2	
7117	412.0	415.0	3.0	0.002	0.002	14	
7118	415.0	418.0	3.0	0.007	0.008	<2	555
7119	418.0	421.0	3.0	0.002	0.003	2	

*End of HQ core

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
289.0	331.3	GOUGE-HIGHLY SHEARED QUARTZ EYE DIORITE	
		Intensely sheared, fine to medium grained, pale yellow-brown, sericitic quartz eye diorite from 292.0-314.2. Unit is highly fractured and cemented by numerous minor (<.1 metre) gouges and mud seams. Approximately 15% of section is gouge, occurring primarily from 292.0-292.55, 292.7-293.0, 293.3-294.1, 298.7-299.1, and 310.9-311.85. Porphyry contains trace - 6% quartz eyes and trace - 2% pyrite throughout. Much of the feldspar has been completely replaced by clay. Numerous fine grained pink Kspar fracture fillings were noted throughout the section, and are often associated with the gouged zones. Approx. 4-12 fracture fillings per metre.	Tr - 2% py
		From 314.2-331.3 approx. 80% of section is a clay like gouge, occurring from 311.2-318.8, 319.05-322.8, and 323.1-331.3. Sections contain approx. 10% angular fragments: 95% quartz eye diorite; and 5% Kspar fracture filling.	
		294.1-295.1: Breccia: quartz eye diorite is locally brecciated by a light green, weakly chloritic, rhyolitic matrix. Matrix represents approx. 10% of section.	
		318.8-319.05: Fine grained pink Kspar fracture filling	
331.3	421.5	QUARTZ EYE DIORITE - VARIABLE ALTERATION	
		Massive, medium grained, moderately siliceous, variably altered quartz eye diorite. Unit grades from sericitic ↔ chloritic-sericitic ↔ chloritic sections throughout. Contains approx. 3-15% quartz eyes, 5% intensely sericitized to chloritized biotite, 2-3% disseminated euhedral and subhedral pyrite, and 60-70% fedlspar within a siliceous matrix. Trace sericitic inclusions of a coarse grained quartz diorite were noted to 360.0m. Unit is fractured and sheared to 334.3. Contains approx. 1, 1-4mm, quartz, feldspar, trace pyrite v./metre. General orientation of veinlets at 60-70% to the core axis.	2-3% py
		Pale yellow, sericitic sections represent approx. 30% of the total unit: occurring from 331.3-343.5, 353.9-355.8, 362.6-365.5, 389.9-392.4 and 410.0-417.0. Biotite has virtually been completely replaced by sericite.	
		Yellow green to light green, moderately siliceous, chloritic-sericitic sections were noted from 343.5-353.9, 355.8-358.4, 373.7-376.4 and 417.0-421.5. Represents approx. 25% of total unit. Contains both weakly sericitized and weakly chloritized biotite throughout. Often cut by fine crosscutting pyritic fractures and trace quartz feldspar trace pyrite veinlets; with associated 1-2cm sericitic selvages.	
		Deep green to green-brown, siliceous, chloritic sections, 45% of total unit, occur from 358.4-362.6, 365.5-373.5, 376.4-381.9, 382.9,389.9 and 392.4-410.0.	

SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS MoS_2	Cu	W ppm	F ppm
7120	421.0	424.0	3.0	0.002	0.003	10	
7121	424.0	427.0	3.0	0.002	0.003	13	400
7122	427.0	430.0	3.0	0.008	0.006	12	
7123	430.0	433.0	3.0	0.031	0.007	2	
7124	433.0	436.0	3.0	0.022	0.004	3	640
7125	436.0	439.0	3.0	0.048	0.003	2	
7126	439.0	442.0	3.0	0.026	0.004	<2	
7127	442.0	445.0	3.0	0.022	0.003	<2	905
7128	445.0	448.0	3.0	0.010	0.005	2	
7129	448.0	451.0	3.0	0.016	0.016	<2	
7130	451.0	454.0	3.0	0.017	0.005	2	545
7131	454.0	457.0	3.0	0.009	0.002	2	
*7132	457.0	463.0	6.0	0.036	0.003	3	
7133	463.0	466.0	3.0	0.017	0.004	2	500
7134	466.0	469.0	3.0	0.028	0.003	2	480
7135	469.0	472.0	3.0	0.026	0.002	<2	
7136	472.0	475.0	3.0	0.015	0.001	3	
7137	475.0	478.0	3.0	0.020	0.003	2	855
7138	478.0	481.0	3.0	0.018	0.001	<2	
*7139	481.0	484.0	3.0	0.025	0.001	<2	
7140	484.0	487.0	3.0	0.049	0.001	<2	595
7141	487.0	490.0	3.0	0.012	0.005	3	
7142	490.0	493.0	3.0	0.045	0.001	4	
7143	493.0	496.0	3.0	0.047	0.001	2	600
7144	496.0	499.0	3.0	0.058	0.009	<2	
7145	499.0	502.0	3.0	0.073	0.005	<2	
7146	502.0	505.0	3.0	0.037	0.004	2	390
7147	505.0	508.0	3.0	0.105	0.003	3	
7148	508.0	511.0	3.0	0.222	0.001	<2	
7149	511.0	514.0	3.0	0.110	0.001	2	500
7150	514.0	517.0	3.0	0.152	0.001	<2	
7151	517.0	520.0	3.0	0.260	0.001	3	
7152	520.0	523.0	3.0	0.122	0.001	2	370
7153	523.0	526.0	3.0	0.172	0.001	<2	
7154	526.0	529.0	3.0	0.285	0.001	2	
7155	529.0	532.0	3.0	0.280	0.028	<2	330
7156	532.0	535.0	3.0	0.157	0.010	<2	
7157	535.0	538.0	3.0	0.144	0.003	<2	
7158	538.0	541.0	3.0	0.147	0.014	<2	450
7159	541.0	544.0	3.0	0.097	0.002	3	
7160	544.0	547.0	3.0	0.155	0.002	<2	
7161	547.0	550.0	3.0	0.224	0.002	2	310
7162	550.0	553.0	3.0	0.174	0.001	2	
7163	553.0	556.0	3.0	0.154	0.015	<2	
7164	556.0	559.0	3.0	0.132	0.002	2	365
7165	559.0	562.0	3.0	0.170	0.006	<2	
7166	562.0	565.0	3.0	0.167	0.001	2	
7167	565.0	566.3	1.3	0.380	0.003	2	350

End of Hole 566.3m

*7132 - 1.9m ground core
7139 - 1.3m ground core

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
		Biotite content increases to 6-10% commonly as highly chloritized 2-4mm books and locally as approx. 4% extremely fine grained greenish-brown needles similar to that located in the grano-diorite porphyry of RMY 79-7. 336.8: End of HQ core. 348.2-350.6: Highly fractured and sheared. 349.63: 1.4cm quartz feldspar v. at 70° C.A. 369.4-369.95: Andesite Dike: Upper contact fractured. Lower contact at 50° C.A. Contains trace - 1% chloritized feldspar phenocrysts - some completely replaced by white carbonate. Greyish-green colour, exhibits a weak discontinuous banding at 50° C.A. 368.0: 3x6cm angular chloritic-sericitic fine grained quartz diorite porphyry like inclusion, similar to that located above from 199.9-221.0. 381.9-382.7: Breccia: approx. 60% chloritic quartz eye diorite fragments within a fine grained chloritic siliceous matrix. Matrix contains approx. 10-15% chloritized feldspar phenocrysts and trace disseminations of pyrite. 395.7-395.9: Gouge 398.4: Trace sphalerite and scheelite along a pyritic fracture. 411.8-413.6: 1.0 metre ground core. 416.85: Trace 2mm vug of chalcopyrite.										
421.5	428.1	QUARTZ EYE DIORITE-SERICITIC Massive, medium grained, siliceous, pale yellow-white, intensely sericitized quartz eye diorite, similar to that located in RMY 78-2. Contains approx. 6% quarts eyes, 2-5% pyrite, trace - 2% books of sericitized biotite, and approx. 75% feldspar phenocrysts within a siliceous matrix. Biotite books often exhibit a weak foliation at 65° to the core axis. Quartz feldspar trace pyrite veinlets noted throughout. Approx. 2-7, 1-5mm vs/metre. 421.5-422.5: Approx. 15 q.v.'s, weakly developed quartz stockwork.										
428.1	484.9	BRECCIA From 428.1-439.9, unit composed of approx. 90% fragments within a siliceous grey blue to deep blue matrix, similar to the brecciated silica saturated fracture fillings of RMY 79-11, 368.8-462.2m. Matrix contains approx. 5-10% sericitized feldspar phenocrysts, trace vugs of coarse grained euhedral pyrite, 1% fine grained disseminated pyrite and trace fine blue metallic ? disseminations throughout. Fragment content, approx. 85% 3-15cm angular quartz eye diorite (similar to that from 421.5-484.9), approx. 12%, 1-8cm subangular to subrounded, generally sericitic to sericitic-chloritic quartz monzonite porphyry and 3%, 5-40mm,	1% py <.05% MoS_2									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
		rounded hornfels (trace muscovite-apatite) fragments. MoS_2 bearing quartz monzonite porphyry fragments noted. Approx. .01-.02% MoS_2.										
		Quartz monzonite porphyry fragment content increases to approx. 30% from 428.1-484.9 : generally sericitic-chloritic with weak Kspar flooding often associated. Remaining 70% of fragments are a pale-green sericitic-chloritic quartz diorite porphyry containing trace quartz eyes, approx. 1% fine muscovite books, 1% disseminated pyrite and approx. 60-70% feldspare phenocrysts within a siliceous matrix. Porphyry is located in massive, weakly brecciated sections from 443.6-446.5, 447.1-449.9 and 452.4-455.9. Trace hornfels fragments noted.										
		432.3: 3x4cm subrounded sericitic q.m.p. fragment containing coarse disseminations (tr. rosettes) of MoS_2.										
		432.9: 2x3cm sericitic-chloritic q.m.p. fragments - impressive MoS_2 along veinlets.										
		436.2-436.8: Chloritic q.m.p. fragments - intense pervasive Kspar flooding throughout. 0.05-0.10% MoS_2.										
		458.4-461.8: 1.9 metres ground core.										
484.9	504.3	BRECCIA										
		Unit contains approx. 80% generally large, 1-30cm fragments within a light grey siliceous intrusive matrix. Matrix contains approx. 5-10% weakly sericitized feldspar phenocrysts and 1-3% disseminated pyrite. Significant increase in quartz monzonite porphyry fragment content from above 421.5-484.9 section. Unit contains approx. 50% quartz monzonite porphyry approx. 50% post MoS_2 intrusive fragments. Trace hornfels fragments noted. Quartz monzonite porphyry: 60% chloritic-sericitic; 40% chloritic with intense Kspar flooding . Post MoS_2 intrusive fragments (70% chloritic to chloritic-sericitic - granodiorite porphyry-like: trace quartz eyes, 3-4% fresh fine biotite needles; 30% quartz diorite porphyry-like; sericitic-chloritic, trace quartz eyes, trace books of muscovite, and trace quartz eye diorite fragments).	1-3% py $<$ 0.05% MoS_2 Tr. scheelite									
		MoS_2 content $<$ 0.05% occurring only within quartz monzonite porphyry fragments. Traces of scheelite noted along fractures within the granodiorite porphyry-like fragments at 489.6, 492.8 and 495.7.										
		487.48-487.7: Chloritic q.m.p. fragment, contains 3 MoS_2 bearing veinlets with 1cm selvages of Kspar.										
		487.8-491.3: Quartz diorite porphyry dike-deep green, highly chloritic, contains 5% quartz eyes, 5% chloritized biotite, 2% py, trace flakes of epidote, trace 1-2cm q.m.p. inclusions, contacts at 25° C.A.										
		493.7-494.4: 85% q.m.p. fragments - intense potassic alteration as pervasive Kspar flooding throughout.										

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays				
		500.0-500.18: Chloritic q.m.p. fragments - impressive quartz MoS_2 stockwork.										
504.3	518.1	QUARTZ MONZONITE PORPHYRY - CHLORITIC - WEAK POTASSIC ALTERATION										
		Grey green, siliceous, medium grained, chloritic quartz monzonite porphyry. Exhibits weak potassic alteration throughout as pale orange Kspar flooding along selvages to quartz veins and fractures. Unit is cut by locally brecciating 1-4mm fresh (secondary ?) biotite fracture fillings; 1-10 per metre. Porphyry contains approx. 1-2% quartz eyes, approx. 3% fresh biotite books, 1-2% fine grained disseminated subhedral pyrite and trace disseminations of chalcopyrite.	1-2% py Tr. cpy Tr. gypsum									
		MoS_2 content .1-.15% locally containing sections of 0.05-0.10% and 0.15-0.20% MoS_2. Weak to moderately developed quartz stockwork throughout. 6-12, 1-30mm, q.v.'s per metre. Trace gypsum fracture fillings.	0.1-0.15% MoS_2									
		507.5: 3mm MoS_2 fracture filling at 45° C.A.										
		509.04: 1.3cm ribboned quartz MoS_2 v. at 60° C.A.										
		508.6-509.5: 0.15-0.20% MoS_2.										
		509.12: 2cm ribboned quartz MoS_2 v. at 65° C.A.										
		513.2: Crosscutting intersection of 4.6mm quartz MoS_2 v's, 3mm selvages to q.v.'s of Kspar.										
		516.15: 1.5cm q.v. at 45° C.A. with 2mm rims of MoS_2.										
		516.21: 2-4mm MoS_2 fracture filling at 35° C.A.										
		517.8: 5mm q.v. at 60° C.A. 25% of vein is MoS_2.										
518.1	530.0	QUARTZ MONZONITE PORPHYRY - INTENSELY SERICITIZED										
		Light yellow, sandy textured, intensely sericitized porphyry locally containing small 0.1-0.2 metre chloritic sections similar to that located from 504.3-518.1. Unit contains 1-2% quartz eyes, trace books of sericitized biotite and 1-2% pyrite.	1-2% py 0.15-0.20% MoS_2									
		MoS_2 content 0.15-0.2% locally containing sections of >.30% MoS_2. Moderately developed stockwork throughout. 6-12 q.v.'s per metre. Contains numerous veinlets throughout greater than 1cm which exhibit an impressive heavily mineralized MoS_2 ribboning.										
		519.0-520.9: Impressive crosscutting quartz-MoS_2 stockwork of q.v.'s and MoS_2 bearing fracture fillings. >.30% MoS_2.										
		524.2-524.5: Gouge.										
		525.2: 1.4cm q.v. at 50° C.A.; 15% MoS_2.										
		526.8: 2.1cm q.v. at 45° C.A.; 10% MoS_2.										
		526.0: 6.0cm ribboned quartz MoS_2 v. at 40° C.A.										
		528.5: 14.0cm ribboned quartz MoS_2 v. at 40° C.A.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
530.0	549.7	QUARTZ MONZONITE PORPHYRY - SERICITIC- CHLORITIC Pale yellow to green generally sericitic, locally chloritic quartz monzonite porphyry. Sericitic sections are often fractured and sheared particularly from 534.4-538.9, 540.7-541.9, and 544.6-549.4. Resembles intensely sericitized porphyry from 518.1-530.0. Chloritic sections noted from 531.5-532.3, 533.3-534.2, 538.9-540.9, 541.9-543.7 and 549.3-549.7. Contains trace - ¼% chalcopyrite disseminations and trace 1-3mm secondary ? biotite fracture fillings. 1-2% pyrite throughout. Moderately developed quartz stockwork throughout. Approx. 6-15 quartz veins/metre. MoS_2 content 0.1-0.15% locally containing sections of 0.05-0.10% MoS_2 with chloritic zones. Trace gypsum fracture fillings. 530.7: 3mm qtz, py, cpy, fedlspar, tr scheelite v. at 10° C.A. Cut and offset by 6mm quartz MoS_2 at 30° C.A. 531.5: 2mm qtz, cpy, feldspar v. at 30° C.A. 534.4: 1.6cm ribboned qtz MoS_2 v. at 30° C.A. 539.7: 5mm q.v. at 60° C.A. : approx. 50% MoS_2. 541.0-541.9: Gouge. 542.4-543.4: Impressive qtz stockwork. Approx. 2% MoS_2. 544.3: 7mm pink Kspar fracture filling at 30° C.A. 546.6-547.8: Gouge. 548.9: 4mm qtz MoS_2 v. at 50° C.A. : approx. 50% MoS_2. 543.7-549.7: Impressive qtz stockwork, approx. 0.15-0.20% MoS_2.	1-2% py 0.1-0.15% MoS_2 Tr. cpy Tr. gypsum									
549.7	566.3	QUARTZ MONZONITE PORPHYRY - SERICITIC Pale yellow to yellow green sericitic porphyry containing 3-4% quartz eyes, 1% books of sericitized biotite and 1-2% pyrite. Feldspars are locally saussuritized. Unit is fractured to 364.4. Moderate to well developed quartz stockwork throughout. Traces fine grained pink Kspar noted within quartz veins and along selvages to quartz veins. MoS_2 content 0.1-0.15% occurring along quartz veins, fractures and as disseminations peripheral to trace fine 0.5-1mm Kspar fracture fillings. Trace chalcopyrite throughout along fractures. 551.2-552.6, and 553.2-553.6: Gouge. 555.4: 1.3cm ribboned quartz MoS_2 v. at 55° C.A. 556.4: 1.2cm ribboned quartz MoS_2 v. at 40° C.A. 557.5: 1cm quartz MoS_2 v. at 15° C.A. cut and offset by a 2mm MoS_2 fracture filling at 60° C.A. 555.4-558.1: Approx. 0.15-0.20% MoS_2. 560.85: 6mm q.v. at 75° C.A.: 1.5mm rims of MoS_2. 565.1-565.6: Gouge. 565.6-566.3: Highly fractured. 560.2-563.4: Approx. 1% MoS_2. 573/4-566.3: Approx. 2% MoS_2.	1-2% py Tr. cpy 0.1-0.15% MoS_2									
	566.3	END OF HOLE										

DDH RMY-80-17A

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN	LATITUDE	2 + 75 N	STARTED	6th June 1980
HOLE NO.	RMY 80-17A	DEPARTURE	L5 + 00W	FINISHED	1st August 1980
BEARING	——	ELEVATION	1502 Metres	LENGTH	1058.9 metres
DIP-COLLAR	90°	SECTION	——	LOGGED BY	Greg MacDonald

DIP TEST					
Footage	Corrected	Footage	Corrected	Footage	Corrected
151 m	-90° (-)	570 m	-87° (Az: 064°)	944 m	-83° (Az: 156°)
295 m	-89° (Az: 329°)	725 m	-86° (Az: 197°)		
436 m	-88° (Az: 223°)	843 m	-85° (Az: 189°)		

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	16.3	CASING	
16.3	40.4	QUARTZ-EYE DIORITE - OXIDIZED	
		Fairly massive and homogeneous, the unit consists of medium to coarse grained quartz (up to 10%) and sericitized feldspar (80-90%) phenocrysts, within a rhyolitic matrix. Minor constituents consist of completely altered mafics (< 5%) and disseminated pyrite (3-4%), including a fine grained black variety.	3-4% pyrite fine grain black variety
		The porphyry is moderately to intensely broken and fractured with several minor associated gouges. The intrusive while completely oxidized to some degree, exhibits zones of intense leaching, varying the colour from a brownish grey to a reddish brown.	
		No quartz veining, MoS_2, or brecciation noted.	
		Lower within the unit there appears to be a gradual increase in quartz-eyes.	
		33.0-37.2: Minor intervals (.3 - 1.0 m widths) of intensely sericitized (and oxidized) porphyry.	
40.4	299.5	QUARTZ-EYE DIORITE-SERICITIC	
		Essentially the same rock type as above with a slightly greater amount of quartz-eyes (10-15%). The quartz-eyes are fairly distinct, averaging 2-4 mm in size and ranging up to 6 mm. Minor consitutents include muscovite and altered biotite (<5% for both), 1-2 mm and up to 3 mm.	3-4% pyrite locally up to 5-6% Trace-1/4% No MoS_2
		The intrusive contains 3-4% medium to coarse grained pyrite, up to 5-6% locally, occurring predominately as disseminations with some fracture fillings. Also included is a fine grained black variety. Trace - 1/4% chalcopyrite disseminations occurs between 80.4-81.7 and 83.0-191.0, with minor traces at 196.5, 199.0, 199.2, 213.0, 213.7 and 219.7. No MoS_2 noted, other than trace medium grained black disseminations (MoS_2?) at 201.3 and 201.6.	
		The porphyry has been moderately to intensely sericitized; as well minor oxidation is noted, particularly along fractures. Colour, overall is a palish green.	

RQD	SAMPLE NO.	FOOTAGE (m) From	FOOTAGE (m) To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
40	B93	16.3	19.0	2.7	170	.002	82	380	< 2
45	B94	19.0	22.0	3.0	244	.004			< 2
46	B95	22.0	25.0	3.0	178	.004	107		< 2
58	B96	25.0	28.0	3.0	318	.001		500	< 2
56	B97	28.0	31.0	3.0	248	.002			2
40	B98	31.0	34.0	3.0	178	.002	117		< 2
13	B99	34.0	37.0	3.0	172	.001			< 2
45	B100	37.0	40.0	3.0	165	.001	119	425	< 2
61	B101	40.0	43.0	3.0	200	.002			2
58	B102	43.0	46.0	3.0	173	.001	172		2
57	B103	46.0	49.0	3.0	157	.002		470	< 2
86	B104	49.0	52.0	3.0	175	.001			3
59	B105	52.0	55.0	3.0	62	.002	86		< 2
46	B106	55.0	58.0	3.0	223	.001			< 2
59	B107	58.0	61.0	3.0	223	.002	323	385	< 2
87	B108	61.0	64.0	3.0	172	.002	168		2
91	B109	64.0	67.0	3.0	176	.002		470	< 2
75	B110	67.0	70.0	3.0	138	.001			< 2
33	B111	70.0	73.0	3.0	134	.001	108		< 2
0	B112	73.0	76.0	3.0	170	.001			< 2
93	B113	76.0	79.0	3.0	215	.002		585	< 2
78	B114	79.0	82.0	3.0	224	.001	106		2
56	B115	82.0	85.0	3.0	1030	.002	115		< 2
76	B116	85.0	88.0	3.0	1480	.002			< 2
93	B117	88.0	91.0	3.0	1620	.002	280	420	2
91	B118	91.0	94.0	3.0	1930	.002			15
56	B119	94.0	97.0	3.0	1570	.001	124		17
44	B120	97.0	100.0	3.0	1490	.001		410	19
88	B121	100.0	103.0	3.0	160	.002	38		19
22	B122	103.0	106.0	3.0	316	.002			21
72	B123	106.0	109.0	3.0	42	.001	27	400	23
99	B124	109.0	112.0	3.0	290	.001		445	9
67	B125	112.0	115.0	3.0	404	.001	56		7
63	B126	115.0	118.0	3.0	690	.001			4
71	B127	118.0	121.0	3.0	70	.001	54	435	3

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		Fractures are few (1-2/metre) in the weakly fractured sections but can increase up to 10-15/metre within the highly broken sections. Generally they are smooth, sometimes with a black oxide or graphitic coating. Orientation is somewhat variable 20°-50° to C.A.	
		A few andesitic dikes crosscut the porphyry. The dikes are generally massive, grey and very fine grained. They are relatively soft and contain 2-3% quartz-eyes. Minor oxidation is noted, mainly along fractures. The dikes are located between 51.7-54.1, 68.0-69.2 (lower contact: 40° to C.A.), 70.3-71.2 (upper contact: 20° to C.A.).	
		Numerous highly broken sections of the porphyry are evident throughout the unit. The majority of these highly fractured sections contain minor gouges. These minor gouges are generally 1-2 cm in width, somewhat graphitic and vary between 10°-35° to the C.A.	
		Several quartz diorite inclusions are noted in the porphyry at 212.8, 216.5, 219.5, 229.9 and 266.2. Usually intensely sericitized, size ranges from 1 X 2 cm up to 9 X 6 cm.	
		No quartz veins or breccias evident within the unit.	
		45.0-45.2: Minor gouge zone.	
		46.3-46.6: Minor gouge zone, graphitic.	
		120.5-125.0: Crackled section, moderately broken with associated gouge.	
		137.5-138.2: Major gouge zone, with graphitic stringers 10° to C.A.	
		180.7: Carbonate-feldspar vein, with associated quartz, 1-2 cm width, 15° to C.A.	
		231.7: Large, equigranular intrusive inclusion, intensely sericitized, 8 X 11 cm.	
		277.4: Carbonate-feldspar pod (vein?), 1 cm width 75-80° to C.A.	
299.5	428.1	QUARTZ-EYE DIORITE - SAUSSURITIZED	
		This unit is similar to the previous one. Generally the intrusive appears to be more siliceous and the feldspar phenocrysts indicate moderate to intense alteration to saussaurite. Sericitic alteration still evident, generally weak to moderate, though some sections show intense sericitization. Colour ranges from light to dark green, depending on intensity of alteration.	Pyrite 3-4% up to 5% locally No cp, MoS_2 noted
		Quartz-eyes are very distinct with a gradual increase to 15-20%. Mafics are, as usual, completely altered.	
		Pyrite mineralization is typical, 3-4%, up to 5% locally and predominantly disseminated with some fracture fillings. Also included is the fine grained black variety. No chalcopyrite or MoS_2 noted.	
		Numerous sections of the porphyry are fairly broken with subsections highly fractured; a few contain minor gouge (1-2 cm). Fractures within	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
100	B128	121.0	124.0	3.0	48	.002			2
49	B129	124.0	127.0	3.0	52	.002	54		2
98	B130	127.0	130.0	3.0	40	.001		505	< 2
51	B131	130.0	133.0	3.0	62	.001	144		< 2
54	B132	133.0	136.0	3.0	52	.001			< 2
68	B133	136.0	139.0	3.0	52	.001	40	690	< 2
100	B134	139.0	142.0	3.0	504	.001			< 2
93	B135	142.0	145.0	3.0	1680	.001			< 2
79	B136	145.0	148.0	3.0	1640	.001	128		< 2
97	B137	148.0	151.0	3.0	510	.001	71		< 2
80	B138	151.0	154.0	3.0	195	.001		470	< 2
79	B139	154.0	157.0	3.0	240	.001	56		< 2
99	B140	157.0	160.0	3.0	200	.001		420	2
91	B141	160.0	163.0	3.0	250	.002			< 2
100	B142	163.0	166.0	3.0	228	.001	44		< 2
99	B143	166.0	169.0	3.0	128	.002	35	495	< 2
47	B144	169.0	172.0	3.0	224	.001		710	< 2
81	B145	172.0	175.0	3.0	270	.001	66		< 2
90	B146	175.0	178.0	3.0	160	.001	38		< 2
92	B147	178.0	181.0	3.0	230	.001			< 2
100	B148	181.0	184.0	3.0	190	.001	37	480	< 2
96	B149	184.0	187.0	3.0	172	.001			< 2
100	B150	187.0	190.0	3.0	175	.001			< 2
98	B151	190.0	193.0	3.0	165	.001	39		< 2
91	B152	193.0	196.0	3.0	550	.001		405	< 2
100	B153	196.0	199.0	3.0	1060	.001	76		< 2
40	B154	199.0	202.0	3.0	1340	.001			< 2
100	B155	202.0	205.0	3.0	38	.001			< 2
97	B156	205.0	208.0	3.0	61	.001	49	475	2
95	B157	208.0	211.0	3.0	205	.001			2
100	B158	211.0	214.0	3.0	160	.001	28	380	< 2
97	B159	214.0	217.0	3.0	144	.001			< 2
100	B160	217.0	220.0	3.0	206	.001	32		< 2
100	B161	220.0	223.0	3.0	145	.001	28		< 2
100	B162	223.0	226.0	3.0	112	.001		440	< 2
99	B163	226.0	229.0	3.0	90	.001	32		< 2
100	B164	229.0	232.0	3.0	102	.001		460	< 2
100	B165	232.0	235.0	3.0	68	.001			< 2
100	B166	235.0	238.0	3.0	74	.002	29		< 2
100	B167	238.0	241.0	3.0	61	.003			< 2
98	B168	241.0	244.0	3.0	66	.001	34	350	< 2
90	B169	244.0	247.0	3.0	68	.001			< 2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		the broken sections are numerous (10-15/metre); are of variable orientation, some parallel to C.A. They are usually smooth with minor black oxide or graphitic coating. Within the more massive sections the fractures may range from 2-6/metre and are essentially the same type. Toward the end of the unit an apparent increase in fairly broken and fractured sections is noted.	
		Carbonate feldspar stringers; fracture fillings; noted some with associated quartz; usually crosscutting the intrusive at shallow angles to C.A. (10°to 25°). Width averages about 2-4 mm. Some situated at 407.3, 408.4 and several between 410.5-410.9.	
		No quartz veining or brecciation evident.	
		302.1-304.5: Aplitic dike: consist of few quartz-eyes (<10%), av. 1 mm, up to 4 mm, within a very fine grained aplitic matrix; colour is light to dark green with intermittent shades of brown; associated gouge at upper contact 6 cm, 40° to C.A., as well several within dike.	
		397.8-398.4: Gouge zone, graphitic, 15° to C.A. (upper contact).	
428.1	535.0	QUARTZ DIORITE PORPHYRY - SERICITIC; CHLORITIC	
		While essentially the same rock type as the previous units the qtz-eyes are not as prominent. The intrusive is relatively fresher than previously though overall it is weakly to moderately sericitized with a few minor sections of intense alteration. As well minor sections of moderately to intensely saussuritized feldspars are encountered locally. Mafics (biotite) are fairly fresh though usually weakly chloritic.	2-4% pyrite Trace f/g diss. magnetite
		The porphyry is generally very massive and competent though highly broken in a few minor zones. The highly fractured sections often contain minor calcitic gouges (1-2 cm). Colour varys from a light to dark greenish grey depending on the extent of alteration.	
		The phenocrysts, which compose the dominant part of the intrusive and hence is a closed matrix porphyry, are comprised of feldspars 2-3 mm av. (70%), quartz-eyes 2-3 mm, up to 5 mm (10-15%) and biotite laths 1-2 mm, up to 5 mm (15%), all within a rhyolitic matrix.	
		The intrusive contains 2-4% pyrite as medium grained disseminations and up to 1.0-1.5 cm blebs. No MoS_2 or chalcopyrite noted. Trace of fine grained disseminated magnetite detected.	
		Minor reddish-orange colouration observed within a few sections indicating some iron staining and/or introduction of zeolite (?). Distinct zones noted are from 485.3-486.1 and 487.5-488.6.	
		Fractures vary from 7-9/metre in the more competent section, to 10-15/metre in the fractured zones; they are usually fairly smooth with many crosscutting the intrusive at 30°-90° to C.A.	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
100	B170	247.0	250.0	3.0	76	.001	33	390	< 2
89	B171	250.0	253.0	3.0	75	.002			< 2
96	B172	253.0	256.0	3.0	76	.001	30		< 2
87	B173	256.0	259.0	3.0	53	.001	29		< 2
30	B174	259.0	262.0	3.0	54	.002		480	< 2
45	B175	262.0	265.0	3.0	64	.002	38		< 2
98	B176	265.0	268.0	3.0	59	.001			< 2
100	B177	268.0	271.0	3.0	52	.001	32	405	< 2
91	B178	271.0	274.0	3.0	68	.002	28		< 2
100	B179	274.0	277.0	3.0	64	.001	28		< 2
96	B180	277.0	280.0	3.0	68	.002			< 2
80	B181	280.0	283.0	3.0	104	.002	35		< 2
100	B182	283.0	286.0	3.0	81	.002		345	< 2
97	B183	286.0	289.0	3.0					
85	B184	289.0	292.0	3.0	63	.002		465	< 2
93	B185	292.0	295.0	3.0	60	.001	34		< 2
93	B186	295.0	298.0	3.0	62	.001			< 2
67	B187	298.0	301.0	3.0	57	.001	30	300	< 2
65	B188	301.0	304.0	3.0	36	.002			2
66	B189	304.0	307.0	3.0	66	.001	26		< 2
58	B190	307.0	310.0	3.0	74	.002	26		< 2
90	B191	310.0	313.0	3.0	77	.002			2
84	B192	313.0	316.0	3.0	70	.001		310	< 2
98	B193	316.0	319.0	3.0	80	.002	40	360	< 2
97	B194	319.0	322.0	3.0	63	.002			< 2
97	B195	322.0	325.0	3.0	65	.001	29		< 2
92	B196	325.0	328.0	3.0	72	.002	29		< 2
100	B197	328.0	331.0	3.0	61	.002			< 2
96	B198	331.0	334.0	3.0	76	.001	33	400	2
100	B199	334.0	337.0	3.0	77	.001			< 2
98	B200	337.0	340.0	3.0	62	.001		375	< 2
88	B201	340.0	343.0	3.0	65	.001	41		3
70	B202	343.0	346.0	3.0	64	.001	32		< 2
78	B203	346.0	349.0	3.0	45	.001		295	2
100	B204	349.0	352.0	3.0	60	.001			2
88	B205	352.0	355.0	3.0	42	.001	30	415	< 2
98	B206	355.0	358.0	3.0	40	.001			2
96	B207	358.0	361.0	3.0	34	.001	24		2
92	B208	361.0	364.0	3.0	28	.001		420	< 2
93	B209	364.0	367.0	3.0	20	.003	26		3
88	B210	367.0	370.0	3.0	16	.005	26		3
100	B211	370.0	373.0	3.0	20	.002		430	3

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		430.7-432.1: Zone of relatively fresh greyish-brown porphyry.	
		470.0: Massive quartz pod (3 X 7 cm).	
		470.3: Few minor quartz carbonate blebs (up to 1 X 2 cm).	
		478.2: Minor quartz diorite inclusion, moderately saussuritized.	
		478.8: Minor gouge, 1 cm, 20° to C.A.	
535.0	647.0	QUARTZ DIORITE PORPHYRY - CHLORITIC	
		The same typical porphyry as previously, intensely siliceous and relatively fresh to weakly chloritic with variable alteration throughout, consisting of several minor zones of weak to moderate saussuritization. In a few sections the feldspars have locally been weakly to moderately altered to sericite.	Pyrite <1% 1% f/g black magnetite
		The colour varies from a dark brownish-grey to a greenish-grey depending on the intensity of alteration. The mafics (biotite) are weakly chloritized with some occurring relatively fresh. As noted in the previous unit, moderate to intense minor sections of iron-staining and/or zeolitic alteration occur locally throughout.	No MoS_2 or chalcopyrite
		Pyrite occurs in low concentration (<1%) throughout the intrusive. 1% fine grained black magnetite disseminations noted. No MoS_2 or chalcopyrite evident.	
		The porphyry consists of intermittent massive and moderately broken sections - with associated minor gouges. Fractures within the more massive sections average 4-5/metre, are relatively smooth with no coating and generally occur at 10°-15° to C.A. In the moderately broken section the fractures are essentially the same type and occur with a greater average (8-9/metre).	
		Numerous quartz carbonate veinlets are noted between 606.5-645.5 (~4-6/metre). Generally they are .5 mm av. width, with a few extending up to 5 mm. A significant number of the veinlets intersect the porphyry at 60°-80° to C.A., often parallel to one another. Some of the larger veinlets (3-5 mm), notably between 628.2 and 632.0, are associated with a 2-6 cm selvage zone, usually sericitic in nature. These larger veinlets are orientei approx. 40°-50° to C.A.	
		538.6: Aplite dike, 1.5-2.0 cm, sharp distinct contact, 15°-20° to C.A. (lower contact), olive green, minor quartz-eyes (<3%).	
		541.3: Dioritic inclusion, 13 cm, ~ 30% fine grained biotite (<1 mm) 1% pyrite.	
		565.5: Chlorite band, 1.0-1.5 cm, 10°-15° to C.A.	
		563.3-563.8: Zone of moderately-intensely chloritized porphyry.	
		569.7-570.1: Aplite dike, olive colour, ~ 2% qtz-eyes, 50° to C.A. (upper contact), 20° to C.A. (lower), excellent flow banding texture appears that drill hole intersected a bulge in the dike.	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
100	B212	3/3.0	376.0	3.0	22	.003			2
100	B213	376.0	379.0	3.0	18	.006	24	390	3
90	B214	379.0	382.0	3.0	16	.001			2
93	B215	382.0	385.0	3.0	16	.002	24		2
100	B216	385.0	388.0	3.0	26	.001	26		2
91	B217	388.0	391.0	3.0	16	.001		480	< 2
95	B218	391.0	394.0	3.0	14	.002			2
93	B219	394.0	397.0	3.0	13	.002	22	560	2
58	B220	397.0	400.0	3.0	21	.004			2
63	B221	400.0	403.0	3.0	19	.001	33		2
61	B222	403.0	406.0	3.0	33	.002		525	2
60	B223	406.0	409.0	3.0	24	.002	23		2
92	B224	409.0	412.0	3.0	27	.002			2
77	B225	412.0	415.0	3.0	31	.001	28	400	2
78	B226	415.0	418.0	3.0	39	.002			2
85	B227	418.0	421.0	3.0	52	.002	24		< 2
77	B228	421.0	424.0	3.0	70	.002		395	2
40	B229	424.0	427.0	3.0	77	.002	30		2
83	B230	427.0	430.0	3.0	54	.002			< 2
52	B231	430.0	433.0	3.0	29	.002	31	450	2
70	B232	433.0	436.0	3.0	35	.002			2
72	B233	436.0	439.0	3.0	46	.002	29		2
60	B234	439.0	442.0	3.0	30	.001		410	< 2
77	B235	442.0	445.0	3.0	29	.001	29		< 2
39	B236	445.0	448.0	3.0	41	.001			< 2
64	B237	448.0	451.0	3.0	50	.001	22	295	2
54	B238	451.0	454.0	3.0	3	.001			2
88	B239	454.0	457.0	3.0	27	.002	30		2
73	B240	457.0	460.0	3.0	28	.001		400	2
84	B241	460.0	463.0	3.0	23	.001	28		2
78	B242	463.0	466.0	3.0	33	.002			2
84	B243	466.0	469.0	3.0	25	.002	26	365	2
83	B244	469.0	472.0	3.0	29	.001			2
85	B245	472.0	475.0	3.0	24	.001	23		< 2
96	B246	475.0	478.0	3.0	25	.002		350	2
67	B247	478.0	481.0	3.0	20	.001	21		< 2
80	B248	481.0	484.0	3.0	26	.002			< 2
64	B249	484.0	487.0	3.0	19	.002	24	370	< 2
67	B250	487.0	490.0	3.0	25	.002			2
68	B251	490.0	493.0	3.0	23	.001	21		2
67	B252	493.0	496.0	3.0	27	.001		280	4
76	B253	496.0	499.0	3.0	26	.001	27		3

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		570.2-570.9: Aplite dike, minor gouge along lower contact (10° to C.A.), very irregular configuration to the dike. 577.4: Carbonate fracture filling, 10° to C.A., 4 mm. 585.9: Dioritic inclusion, 8 cm. 609.4: Dioritic inclusion, 2 1/2 cm, intensely chloritized. 632.5-633.3: Major gouge zone: 45° to C.A. (lower contact), intensely sericitized fragments with a few graphitic stringers cross-cutting 45° to C.A.; minor selvage zone (intensely sericitized) associated with gouge.	
647.0	668.4	QUARTZ-EYE DIORITE-SERICITIC Essentially the same rock type, except the quartz-eyes are more prominent. The intrusive is weakly to moderately sericitized; fairly massive and competent. It is a light greenish grey colour. Minor zeolitic (?) alteration noted. Much of the mafics (biotite) are partially to completely altered (sericitized, locally to chlorite). Minor muscovite phenocrysts < 2% observed. Pyrite mineralization is still low (< 1%). Trace magnetite throughout. No MoS_2 or chalcopyrite noted. Overall the intrusive is very competent with very few fractures, 1-2/metre. Between 648.5 and 655.5 no fractures observed.	Pyrite < 1% Tr magnetite No MoS_2 or chalcopyrite
668.4	884.9	QUARTZ DIORITE PORPHYRY - CHLORITIC Typical quartz diorite porphyry, overall it is relatively fresh, a dark greenish-grey colour with weak chloritization throughout. Locally, weak sericitic alteration is noted as are a few minor zones of weak to moderately saussuritized feldspars. The quartz phenocrysts are not very prominent, av. 2-3 mm, 10-15%. The mafics (biotite) are generally weak to moderately chloritized, av. 1-2 mm, 10%, with few fresh laths (up to 5 mm) scattered throughout. Minor muscovite phenocrysts observed, av. 1-2 mm, < 1%. The intrusive is highly siliceous and massive. It is overall very competent, except for several moderately broken zones. The broken sections often contain minor gouges (≤ 1 cm). Fractures within the massive sections av. 2-4/metre, generally smooth and 40°-60° to C.A., while those in the broken section range up to 8-10/metre at 50°-55° to C.A., though often variable as well. Pyrite mineralization is low within the upper section of the intrusive (< 1%) until about 750.0 at which point an increase to approx. 2% pyrite is observed, mainly as fracture fillings, av. up to 7-9/metre. Minor epidote noted, usually along fractures or associated with the pyrite mineralization. 1% fine grained black magnetite disseminations evident, down to a trace within a few minor sections. No MoS_2 or chalcopyrite evident.	Pyrite 1%-2% 1% f/g magnetite No MoS_2 or chalcopyrite

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
63	B254	499.0	502.0	3.0	28	.002	25		2
79	B255	502.0	505.0	3.0	23	.002		310	< 2
87	B256	505.0	508.0	3.0	15	.003	72	395	< 2
48	B257	508.0	511.0	3.0	13	.004			< 2
42	B258	511.0	514.0	3.0	18	.002	35		< 2
53	B259	514.0	517.0	3.0	14	.003		300	< 2
69	B260	517.0	520.0	3.0	16	.003	41		< 2
97	B261	520.0	523.0	3.0	13	.002			< 2
53	B262	523.0	526.0	3.0	16	.003	37	310	7
40	B263	526.0	529.0	3.0	12	.002			< 2
85	B264	529.0	532.0	3.0	20	.002	39		< 2
59	B265	532.0	535.0	3.0	24	.002		410	2
83	B266	535.0	538.0	3.0	16	.003	36		< 2
69	B267	538.0	541.0	3.0	16	.003			< 2
56	B268	541.0	544.0	3.0	20	.002	36	280	< 2
61	B269	544.0	547.0	3.0	24	.003			2
38	B270	547.0	550.0	3.0	18	.003	32		< 2
38	B271	550.0	553.0	3.0	20	.002		330	< 2
75	B272	553.0	556.0	3.0	19	.003	32		< 2
67	B273	556.0	559.0	3.0	14	.003			< 2
47	B274	559.0	562.0	3.0	26	.003	32	340	4
41	B275	562.0	565.0	3.0	12	.002			2
62	B276	565.0	568.0	3.0	17	.002	30		< 2
46	B277	568.0	571.0	3.0	26	.002		390	< 2
30	B278	571.0	574.0	3.0	10	.002	34		< 2
71	B279	574.0	577.0	3.0	12	.002			< 2
70	B280	577.0	580.0	3.0	12	.003	36	315	< 2
57	B281	580.0	583.0	3.0	12	.003			< 2
78	B282	583.0	586.0	3.0	10	.003	36		< 2
53	B283	586.0	589.0	3.0	10	.002		300	< 2
79	B284	589.0	592.0	3.0	12	.002	30		< 2
79	B285	592.0	595.0	3.0	16	.002			< 2
87	B286	595.0	598.0	3.0	16	.001	32	370	< 2
83	B287	598.0	601.0	3.0	11	.003			< 2
56	B288	601.0	604.0	3.0	10	.002	34		< 2
80	B289	604.0	607.0	3.0	10	.004		445	< 2
52	B290	607.0	610.0	3.0	17	.004	59		7
95	B291	610.0	613.0	3.0	14	.004			2
84	B292	613.0	616.0	3.0	32	.003	53	370	3
96	B293	616.0	619.0	3.0	16	.003			13
80	B294	619.0	622.0	3.0	9	.004	34		6
65	B295	622.0	625.0	3.0	10	.004		365	5

Footage From	Footage To	Description	% Mineralization
		Minor zones containing zeolitic (?) fracture fillings noted throughout, many intersecting the intrusive at 45°-55° to C.A., though orientation is often variable. Zeolitic (?) material within the fractures is soft and reddish-orange in colour and often associated with carbonate. Width of the fracture fillings averages 5-10 mm and about 3-4/metre though often variable in number.	
		694.3: Massive coarse grained quartz-biotite bleb (inclusion?) 5 cm, intensely chloritized, slight banding noted.	
		696.7: Zeolitic (?) quartz veins, slightly graphitic, 1 cm, 30° to C.A.	
		703.3-714.7: Set of long narrow (1 mm) quartz-carbonate veins, parallel to C.A., with trace associated epidote.	
		754.9, 755.5: Minor gouges (3-5 cm), at 30° to C.A.; 20, 60 cm selvage zone respectively - intensely sericitized.	
		775.8: Minor gouge (5 cm), 60° to C.A.	
		859.5-860.0: Major gouge zone, 25° to C.A. (lower contact).	
		862.3: Minor gouge (1 cm), 20° to C.A.	
		881.4: Minor quartz vein (1 mm), 80° to C.A.	
884.9	1019.1	QUARTZ DIORITE PORPHYRY - CHLORITIC; BRECCIATED SECTIONS	
		Essentially the same porphyry as above with minor significant brecciated sections. The porphyry is fairly massive and siliceous. Overall it is weakly chloritized throughout. Colour is somewhat variable depending on extent of alteration, generally a mottled pale to dark grey.	5-6% pyrite 1% f/g magnetite
		Mafics (biotite) are generally weak to moderately chloritized, though fresh laths are scattered throughout, av. 1-2 mm,(8-10%). Quartz phenocrysts are not very prominent, 2-3 mm, (10-15%). Feldspars are relatively fresh except for minor zones where they are weakly sericitized or moderate to intensely saussuritized.	Tr. chalcopyrite Tr. MoS_2
		Brecciated sections are encountered containing subrounded to subangular quartz monzonite fragments with a few quartz and hornfelsic fragments. These sections are usually intensely siliceous. Brecciated sections noted are as follows: 932.1-933.3, 945.8-957.4, 971.0-971.8, 974.9-975.8, 981.9-983.7, 992.7-993.5, 997.6-999.3, and 1004.0-1004.3. Size of fragments averages about 1-3 cm and up to 8 cm in some zones. Quartz veins, some with traces of MoS_2, within the quartz monzonite fragments are noted eg. 932.1-933.3, 945.8-957.4, and 981.9-983.7. Weak to moderate potassic alteration observed within some of the quartz monzonite fragments eg. 951.4-957.4, 974.9-975.8, and 981.9-983.7. Quartz-pyrite veins are observed to crosscut both the quartz monzonite fragments and the porphyry eg. 997.6-999.3; a few veins with MoS_2 also noted to crosscut both	

RQD	Sample No.	Footage From	Footage To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
68	B296	625.0	628.0	3.0	7	.003	33		3
82	B297	628.0	631.0	3.0	13	.004			< 2
73	B298	631.0	634.0	3.0	16	.002	31	455	11
84	B299	634.0	637.0	3.0	21	.005			< 2
50	B300	637.0	640.0	3.0	6	.003	40		< 2
62	B301	640.0	643.0	3.0	14	.002		370	< 2
52	B302	643.0	646.0	3.0	13	.003	35		< 2
67	B303	646.0	649.0	3.0	13	.003			< 2
100	B304	649.0	652.0	3.0	10	.002	35	360	37
100	B305	652.0	655.0	3.0	11	.006			2
85	B306	655.0	658.0	3.0	9	.003	37		93
81	B307	658.0	661.0	3.0	14	.003		350	< 2
81	B308	661.0	664.0	3.0	16	.003	38		< 2
76	B309	664.0	667.0	3.0	7	.003			< 2
79	B310	667.0	670.0	3.0	80	.004	90	520	< 2
88	B311	670.0	673.0	3.0	20	.004			< 2
81	B312	673.0	676.0	3.0	22	.003	56		5
54	B313	676.0	679.0	3.0	18	.004		490	< 2
77	B314	679.0	682.0	3.0	18	.003	54		< 2
89	B315	682.0	685.0	3.0	38	.004			< 2
97	B316	685.0	688.0	3.0	60	.003	102	455	< 2
91	B317	688.0	691.0	3.0	26	.003			4
93	B318	691.0	694.0	3.0	18	.004	44		2
98	B319	694.0	697.0	3.0	22	.003		425	2
100	B320	697.0	700.0	3.0	14	.002	44		< 2
95	B321	700.0	703.0	3.0	16	.002			< 2
100	B322	703.0	706.0	3.0	10	.004	42	420	< 2
82	B323	706.0	709.0	3.0	12	.005			2
100	B324	709.0	712.0	3.0	14	.004	42		2
87	B325	712.0	715.0	3.0	16	.003			< 2
100	B326	715.0	718.0	3.0	30	.003	50		194
98	B327	718.0	721.0	3.0	16	.002		545	2
82	B328	721.0	724.0	3.0	16	.002	48		3
80	B329	724.0	727.0	3.0	10	.002			16
97	B330	727.0	730.0	3.0	22	.002	58	500	3
85	B331	730.0	733.0	3.0	24	.004			3
66	B332	733.0	736.0	3.0	34	.003	42		9
91	B333	736.0	739.0	3.0	20	.004		460	< 2
85	B334	739.0	742.0	3.0	16	.002	39		< 2
88	B335	742.0	745.0	3.0	14	.002			< 2
95	B336	745.0	748.0	3.0	18	.002	38	415	< 2
75	B337	748.0	751.0	3.0	18	.002			< 2

eg. 982.4, 1019.1. Some of the brecciated zones are obscure due to indistinct contacts between the fragments and the porphyry eg. 945.8-951.4 and 992.7-993.5.

The quartz diorite porphyry contains 5-6% medium grained pryite as both disseminations and fracture fillings. No magnetite evident until lower in the unit (995.0) at which point the concentration increases to 1%. Trace chalcopyrite at 974.2. Two distinct episodes of molybdenite mineralization noted: 1) prior to brecciation, occurring within the quartz monzonite fragments; 2) post brecciation - occurring within quartz pyrite veins which crosscut the quartz monzonite fragments and the quartz diorite porphyry. In both cases, only traces of MoS_2 observed, notably at 977.3-999.5, 1011.0 and 1019.1.

Numerous tabular gypsum veins observed, often with associated pyrite (~2-4/metre, some at 50° to C.A., others exhibiting variable orientation); traces of purple anhydrite within a few veins. A decrease in the number of gypsum veins noted lower within the unit. Numerous minor quartz-pyrite veins noted throughout (3-4/metre, ~45-50° to C.A.). An increase in the number and width of the veins is observed starting about 972.0 (8-10/metre, 2-3 mm, ~50° to C.A.). Gypsum veins, 1-2 mm, 35° to C.A., noted crosscutting the quartz pyrite veins, notably at 987.2 and 988.1.

Numerous zeolitic (?) fracture fillings within minor zones noted at 950.4-951.4 and 983.6-983.8; av .5-1.0 cm, variable orientation. An irregular flow texture observed within the porphyry, from 966.8-967.5 and 974.7-974.8. Secondary biotite fracture fillings noted at 969.9 (1-2 mm) and at 1011.5 (< 2 mm), irregular orientation, as well some secondary biotite noted within a few quartz veins.

Significant shear zones noted, intensely altered and leached from 1003.1-1004.8, 1005.3-1005.9 and 1017.9-1018.9. Upper contact at 1003.1 a 2 cm gouge, 15° to C.A. No gouges within the others.

886.7, 889.9: Minor hornfelsic inclusions, stratified, 1.0, 1.5 cm respectively.

889.3: A few minor hornfelsic inclusions - mostly biotite; av. .5 X 1.0 cm.

892.7, 902.5: Granitic, equigranular inclusions (3, 13 cm respectively) coarse grained, larger one cut by 1 mm qtz within fragment.

935.7-938.4: Major shear zone with a few minor gouges associated with < 2 cm, intensely altered.

971.7-971.8: Within a brecciated section, a minor zone of moderate potassic alteration as selvage; some minor purple anhydrite associated (3 mm).

1019.1: Quartz monzonite fragment, 6.5 cm; minor Kspar within the fragment; the fragment and porphyry are crosscut by a quartz-MoS_2 vein.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu ppm	% MoS_2	Zn ppm	F ppm	W ppm
87	B338	751.0	754.0	3.0	16	.003	35		7
64	B339	754.0	757.0	3.0	26	.004		450	6
87	B340	757.0	760.0	3.0	20	.006	40		22
96	B341	760.0	763.0	3.0	20	.005			< 2
89	B342	763.0	766.0	3.0	18	.003	38	415	2
93	B343	766.0	769.0	3.0	22	.003			< 2
95	B344	769.0	772.0	3.0	32	.003	42		2
81	B345	772.0	775.0	3.0	20	.003		450	2
55	B346	775.0	778.0	3.0	22	.003	37		2
91	B347	778.0	781.0	3.0	18	.003			2
66	B348	781.0	784.0	3.0	20	.003	36	420	2
87	B349	784.0	787.0	3.0	20	.003			3
69	B350	787.0	790.0	3.0	24	.003	38		3
87	B351	790.0	793.0	3.0	18	.004		470	4
78	B352	793.0	796.0	3.0	20	.004	34		2
81	B353	796.0	799.0	3.0	30	.004			< 2
68	B354	799.0	802.0	3.0	26	.003	34	400	< 2
76	B355	802.0	805.0	3.0	42	.004			< 2
87	B356	805.0	808.0	3.0	24	.004	32		< 2
86	B357	808.0	811.0	3.0	24	.003		505	2
87	B358	811.0	814.0	3.0	22	.003	33		< 2
81	B359	814.0	817.0	3.0	14	.003			2
78	B360	817.0	820.0	3.0	28	.002	30	355	2
47	B361	820.0	823.0	3.0	20	.004			2
76	B362	823.0	826.0	3.0	26	.005	28		2
84	B363	826.0	829.0	3.0	20	.006		330	2
90	B364	829.0	832.0	3.0	22	.007	28		2
34	B365	832.0	835.0	3.0	24	.003			2
86	B366	835.0	838.0	3.0	20	.003	30	490	2
94	B367	838.0	841.0	3.0	26	.005			2
87	B368	841.0	844.0	3.0	20	.003	29		2
86	B369	844.0	847.0	3.0	26	.004		425	8
84	B370	847.0	850.0	3.0	34	.004	28		14
77	B371	850.0	853.0	3.0	30	.006		455	< 2
87	B372	853.0	856.0	3.0	22	.003	37		2
32	B373	856.0	859.0	3.0	24	.003			< 2
18	B374	859.0	862.0	3.0	22	.003	38	465	2
89	*B375	862.0	868.0	6.0	24	.004			< 2
44	B376	868.0	871.0	3.0	14	.002	41		< 2
38	B377	871.0	874.0	3.0	12	.002		410	< 2
73	B378	874.0	877.0	3.0	16	.001	32		< 2
91	B379	877.0	880.0	3.0	18	.003			< 2

*B375 - 2.9 m of core ground up.

Footage From	Footage To	Description	% Mineralization
1019.1	1058.9	QUARTZ DIORITE PORPHYRY - CHLORITIC	
		The same typical quartz diorite porphyry as above, with weak chloritization throughout. No breccias evident. A few minor zones of weakly to intensely saussuritic alteration noted. Overall moderately broken with the exception of a few massive sections.	Pyrite 3-4%
		A decrease in pyrite mineralization observed within the intrusive, ~3-4% mainly as fracture fillings. 1% fine grained black magnetite observed within a few quartz-pyrite veins. Significant molybdenite mineralization observed within several quartz veins, notably from 1019.1-1053.7 (.01-.03%), traces also noted at 1056.9 and 1057.0. Traces chalcopyrite noted between 1037.0-1042.5 and at 1058.89, often within quartz-pyrite veins. Traces of scheelite noted along a few quartz veins.	1% f/g magnetite Tr. chalcopyrite Tr. scheelite .01-.03% MoS_2
		Numerous quartz-pyrite veins noted throughout, 6-8/metre, 1-2 mm av. width, generally variable orientation; often associated with chlorite and secondary biotite. Many quartz-MoS_2 veins evident, 1-2/metre, sometimes with associated pyrite and a few with minor potassic selvage zones, av. 1-2 mm, generally 50°-60° to C.A. though many with variable orientation. A few quartz-MoS_2 stringer veins noted, parallel to C.A., at 1047.4-1048.1 and 1051.6. Several of the quartz-MoS_2 veins are intersected by post quartz-pyrite veins eg. 1023.0, 1037.2-1037.6, 1039.1, 1040.3. As well, a few quartz MoS_2 veins (60° to C.A.) crosscut some quartz-pyrite veins eg 1041.9 (5° to C.A.), 1053.7.	
		A few minor reddish brown carbonate hematitic fracture fillings observed, from 1047.0-1056.3, 3-4 mm av., 40° to C.A. A significant decrease in gypsum veins observed throughout.	
		1025.8: Minor gouge. 2 cm, 30° to C.A.	
		1041.2: Massive gypsum veins, 7-8 mm, 15° to C.A.	
		1055.3: Dioritic intrusive (dike?), 11 cm - intensely chloritized, 50° to C.A. (upper contact), crosscut by qtz-pyrite vein.	
	1058.9	END OF HOLE	

RQD	Sample No.	Footage From	Footage To	Length	Cu ppm	MoS_2 %	Zn ppm	F ppm	W ppm
95	B380	880.0	883.0	3.0	20	.002	37	450	< 2
76	B381	883.0	886.0	3.0	58	.004			24
100	B382	886.0	889.0	3.0	68	.004	32		2
100	B383	889.0	892.0	3.0	98	.007		600	22
91	B384	892.0	895.0	3.0	40	.003	35		25
78	B385	895.0	898.0	3.0	40	.003			3
86	B386	898.0	901.0	3.0	38	.003	35	530	2
94	B387	901.0	904.0	3.0	46	.004			2
73	B388	904.0	907.0	3.0	48	.001	31		2
81	B389	907.0	910.0	3.0	48	.002		590	2
47	B390	910.0	913.0	3.0	64	.001	32		2
42	B391	913.0	916.0	3.0	28	.001			2
54	B392	916.0	919.0	3.0	28	.002	36	440	2
55	B393	919.0	922.0	3.0	22	.001			2
83	B394	922.0	925.0	3.0	30	.003	33		< 2
82	B395	925.0	928.0	3.0	56	.006		430	< 2
50	B396	928.0	931.0	3.0	24	.007	40		< 2
84	B397	931.0	934.0	3.0	28	.021			6
60	B398	934.0	937.0	3.0	26	.004	39	450	14
47	B399	937.0	940.0	3.0	26	.003			3
53	B400	940.0	943.0	3.0	28	.004	36		2
39	B401	943.0	946.0	3.0	28	.007		460	2
53	B402	946.0	949.0	3.0	30	.005	30		2
36	B403	949.0	952.0	3.0	22	.009		560	2
45	B404	952.0	955.0	3.0	36	.004	37		2
78	B405	955.0	958.0	3.0	32	.017			62
66	B406	958.0	961.0	3.0	26	.001	33	465	2
56	B407	961.0	964.0	3.0	24	.003			< 2
77	B408	964.0	967.0	3.0	20	.001	35		< 2
63	B409	967.0	970.0	3.0	36	.001		490	2
92	B410	970.0	973.0	3.0	44	.003	34		2
74	B411	973.0	976.0	3.0	28	.005			3
57	B412	976.0	979.0	3.0	32	.004	35	545	2
50	B413	979.0	982.0	3.0	36	.002			2
74	B414	982.0	985.0	3.0	64	.005	31		2
53	B415	985.0	988.0	3.0	28	.005		450	4
77	B416	988.0	991.0	3.0	80	.006	33		3
73	B417	991.0	994.0	3.0	48	.006			< 2
72	B418	994.0	997.0	3.0	82	.007		470	4
95	B419	997.0	1000.0	3.0	56	.005	32		3
78	B420	1000.0	1003.0	3.0	66	.004			3
71	B421	1003.0	1006.0	3.0	54	.004	32	500	65
70	B422	1006.0	1009.0	3.0	54	.004			11

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PROPERTY RED MOUNTAIN HOLE NO. RMY 80-17A

Footage From	Footage To	Description	% Mineralization	RQD	Sample No.	Footage From	Footage To	Length	Cu	MoS_2	Zn	F ppm	W ppm
				90	B423	1009.0	1012.0	3.0	54	.006	30		5
				75	B424	1012.0	1015.0	3.0	82	.004		510	7
				67	B425	1015.0	1018.0	3.0	38	.003	30		3
				64	B426	1018.0	1021.0	3.0	70	.005			3
				65	B427	1021.0	1024.0	3.0	50	.009	32	500	5
				53	B428	1024.0	1027.0	3.0	52	.005			<2
				34	B429	1027.0	1030.0	3.0	76	.008	42		8
				77	B430	1030.0	1033.0	3.0	76	.006		505	9
				83	B431	1033.0	1036.0	3.0	70	.006	36		4
				81	B432	1036.0	1039.0	3.0	72	.006			3
				80	B433	1039.0	1042.0	3.0	94	.008	34	505	5
				92	B434	1042.0	1045.0	3.0	76	.007			7
				93	B435	1045.0	1048.0	3.0	66	.01	32		9
				53	B436	1048.0	1051.0	3.0	58	.006		500	15
				62	B437	1051.0	1054.0	3.0	50	.007	32		17
				51	B438	1054.0	1057.0	3.0	100	.012			11
				23	B439	1057.0	1058.9	1.9	132	.015	34	560	14
					1058.9	END OF HOLE							

DDH RMY-80-18

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN	LATITUDE	4 + 20 N	STARTED	17 June 1980
HOLE NO.	RMY 80-18	DEPARTURE	Line 3 + 75 W	FINISHED	20 July 1980
BEARING	——	ELEVATION	1414 metres	LENGTH	725.1 metres
DIP-COLLAR	-90°	SECTION	——	LOGGED BY	J. Korenic

DIP TEST

Footage	Corrected	Footage	Corrected	Footage	Corrected
175 m	-90° (Az: -)	549 m	-86° (Az: 349°)		
288 m	-88° (Az: 312°)	670 m	-86° (Az: 354°)		
417 m	-87° (Az: 317°)				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	8.2	OVERBURDEN (25.0 m casing)	
8.2	63.8	HORNFELSE - SILICEOUS	0.03% MoS_2 (decr. downsection) 5-8% py; Variable cpy at 39.3-41.4, 57.1-57.3

Unit consits of sections of biotite and sericitic hornfels. Intensely siliceous. Overall these zones are distributed as follows: 8.2-10.5: Biot. Hfs; 10.5-19.5 & 20.2-23.2: Ser. Hfs; 25.0-27.9: mixed Hfs (10-20% Biotite); 27.9-34.7: Biot. Hfs (50-70% Biotite); 35.6-36.3: Biot. Hfs; 36.3-38.1: Sericitic Hfs; 38.1-39.9: Biot. Hfs; 39.9-43.0: Ser. Hfs; 43.0-45.3: Biot. Hfs; 45.3-48.2: mixed Hfs; 48.2-50.2: Biot. Hfs; 50.2-52.2: Ser. Hfs; 52.2-56.5: Ser. Hfs; 56.5-58.3: mixed Hfs; 58.3-63.8: Ser. Hfs (intensely siliceous).

As indicated the sediments have been intensely silicified. Silica occurs as bands or pods of quartz and to a lesser extent as quartz veins. Of particular interest are several intersections - 19.5-20.2 & 34.7-35.55 of the muscovite - apatite assemblage. This unit is massive, bright green, contains 5-10% py as fracture filling and disseminations. The unit (34.7-35.55) is well foliated at <10° to CA. Contacts are gradational excepting at 19.5 where it is gouged.

The sediments are oxidized to ~23 m. Within this section (oxidized) the unit is quite broken with occasional gouge sections - 13.0-13.3; 14.0-14.3; 17.42-17.9 (at 75° to CA) and 18.9-19.5 (broken/gouge). Gouges are also noted at 34.3-34.7; 52.2-53.1 (broken zones includes a 6 cm gouge at 15° to CA; 55.1-56.6 (broken zone, minor gouge) and 60.0-61.3 (broken zone, minor gouge). The sediments have been moderately deformed. With a considerable variation in banding attitude, commonly <10° to CA, and locally an intensely crenulated nature.

Quartz veining is weakly to moderately developed with molybdenite mineralization noted throughout. MoS_2 occurs predominantly as rims along quartz veins. Overall grade, visually, appears to decrease down section, from about 0.03% to 0.01-0.02%. Better grade sections were noted at 30.0 and 58.6-59.7. Pyrite is quite abundant throughout averaging 5-8%, locally higher sections are noted. Chalcopyrite is sporadically and locally noted. Notably - trace cpy associated with pyrite between 39.3-39.9. Impressive cpy (2%) occurs along a py - qtz. v. and as blebs along fracture. From 40.9-41.4: 1/2% cpy, 57.1-57.3: 1/2-1% cpy.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu	MoS_2	Zn	F ppm	W ppm
41	A164	8.2	12.0	3.8	384	.009	296	1185	75
9	A165	12.0	15.0	3.0	260	.007			13
0	A166	15.0	18.0	3.0	122	.010	112		16
28	A167	18.0	21.0	3.0	264	.014		1410	15
0	A168	21.0	23.2	2.2	58	.005	128		16
79	* A169	25.0	28.0	3.0	155	.011			135
75	A170	28.0	31.0	3.0	610	.023	284		350
91	A171	31.0	34.0	3.0	800	.008		1135	215
61	A172	34.0	37.0	3.0	570	.013	348		190
47	A173	37.0	40.0	3.0	405	.003			95
58	A174	40.0	43.0	3.0	2050	.009	210	1260	155
71	A175	43.0	46.0	3.0	790	.007			200
62	A176	46.0	49.0	3.0	540	.006	122		110
58	A177	49.0	52.0	3.0	1080	.003		1150	340
57	A178	52.0	55.0	3.0	510	.010	152		96
45	A179	55.0	58.0	3.0	390	.007			195
50	A180	58.0	61.0	3.0	410	.024	105	1125	60
75	A181	61.0	64.0	3.0	350	.034			8
100	A182	64.0	67.0	3.0	320	.027	43		1250
61	A183	67.0	70.0	3.0	210	.004		520	< 2
75	A184	70.0	73.0	3.0	195	.003	154		< 2
77	A185	73.0	76.0	3.0	162	.003			13
33	A186	76.0	79.0	3.0	100	.002			< 2
36	A187	79.0	82.0	3.0	106	.002	50	565	< 2
47	A188	82.0	85.0	3.0	90	.002			< 2
54	A189	85.0	88.0	3.0	96	.002	40		< 2
37	A190	88.0	91.0	3.0	76	.002		455	< 2
15	A191	91.0	94.0	3.0	120	.001	68	345	< 2
95	A192	94.0	97.0	3.0	190	.001			< 2
91	A193	97.0	100.0	3.0	167	.002	41		9
97	A194	100.0	103.0	3.0	168	.003		355	6
73	A195	103.0	106.0	3.0	137	.001	26		< 2
97	A196	106.0	109.0	3.0	129	.002			< 2
92	A197	109.0	112.0	3.0	142	.001	38	415	2
95	A198	112.0	115.0	3.0	180	.001			< 2

* No core (Triconed) from 23.2-25.0 m.

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. RMY 80-18 Page 2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		10.87: 7 mm q.v. at 65° to CA, well rimmed with MoS_2.	
		16.3: broken - 4 cm q.v./pod <5% py.	
		17.98: 8 mm q.v. at 50° to CA, weak MoS_2.	
		18.0-18.7: Set of beige quartz/feldspar fracture fillings at 15° to CA.	
		19.5-20.2: Muscovite-apatite section, upper contact gouged, lower contact sharp although irregular, almost as if the assemblage is a fragment. Contains py stringers throughout, minor q.v. up to 7 mm. Locally up to 20-30% py disseminated - averages 10%.	
		20.3-20.6: Brecciated.	
		Below 20 m the fractures occur at low angle to the core axis, commonly are smooth with a greasy feel - clay coating, occasionally graphitic clay.	
		23.2-25.0: TRICONED.	
		25.42: 4 mm q.v. at 40° to CA, well rimmed with MoS_2.	
		26.76: 9 mm q.v. at 70° to CA, with MoS_2.	
		27.95: 8 mm q.v., cherty, MoS_2 along rims at 20° to CA.	
		29.98: 2-5 cm q.v. at 25° to CA, several bands of MoS_2.	
		32.3-32.6: Sediments chloritized, minor epidote associated with py.	
		34.1-34.3: Silica zone, 8-10% py.	
		34.7-35.55: Muscovite-Apatite. Bright green, 8% py as diss. and fracture fillings, foliated at parallel to CA. Lower contact gradational.	
		35.8: tr.sph and galena along tiny veinlets.	
		36.41: 7 mm q.v. at 5° to CA, 30% py, tr. MoS_2.	
		37.29: Sph stringer, tr. galena along fracture at 10° to CA.	
		54.13: 1.5 cm q.v. at 40° to CA, 5-10% py, weak stringers of MoS_2.	
		58.3-63.8: Intensely siliceous, sericitic, 10% biotite.	
		58.62: 5 mm q.v. at 20° to CA, MoS_2 rims.	
		Particularly for 61.3. Intensely siliceous and sericitic - 30% qtz.	
		63.54: 1-1.5 cm seam adjacent to qtz pod. Dark metallic blue (MoS_2) - small qtz frags assoc.	
63.8	65.6	CONTACT BRECCIA	
		Typical quartz-eye diorite contact breccia. In general the breccia consists of approx. 10% fragments, mainly consisting of subangular to subrounded sericitic hornfels. 1-8 cm in size, and lesser quartz and muscovite-apatite fragments. These fragments occur within a matrix of quartz-eye diorite. From 64.36-65.6 the matrix, post quartz-eye diorite, consists of a	3% py Trace MoS_2

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	Cu	MoS_2	Zn	F ppm	W ppm
65	A199	115.0	118.0	3.0	132	.002	39		< 2
91	A200	118.0	121.0	3.0	114	.001		420	< 2
73	A201	121.0	124.0	3.0	196	.001	43		< 2
76	A202	124.0	127.0	3.0	125	.001			3
37	A203	127.0	130.0	3.0	108	.002	36	475	< 2
42	A204	130.0	133.0	3.0	106	.002			5
61	A205	133.0	136.0	3.0	113	.002	70		4
59	A206	136.0	139.0	3.0	98	.001		460	3
84	A207	139.0	142.0	3.0	112	.001	28		4
44	A208	142.0	145.0	3.0	100	.002			4
88	A209	145.0	148.0	3.0	107	.001	48	425	4
78	A210	148.0	151.0	3.0	108	.001			2
91	A211	151.0	154.0	3.0	94	.002	39		3
60	A212	154.0	157.0	3.0	89	.002		400	2
63	A213	157.0	160.0	3.0	104	.002	43		3
54	A214	160.0	163.0	3.0	111	.002			2
71	A215	163.0	166.0	3.0	128	.002	22	410	2
72	A216	166.0	169.0	3.0	113	.002			< 2
63	A217	169.0	172.0	3.0	116	.001	24		< 2
74	A218	172.0	175.0	3.0	110	.001		415	< 2
85	A219	175.0	178.0	3.0	129	.002	23		< 2
70	A220	178.0	181.0	3.0	106	.002			< 2
96	A221	181.0	184.0	3.0	114	.002	26	425	2
97	A222	184.0	187.0	3.0	112	.001			2
92	A223	187.0	190.0	3.0	93	.001	38		< 2
93	A224	190.0	193.0	3.0	106	.002		305	< 2
79	A225	193.0	196.0	3.0	115	.001	34		< 2
92	A226	196.0	199.0	3.0	133	.001			< 2
87	A227	199.0	202.0	3.0	110	.001	27	345	< 2
71	A228	202.0	205.0	3.0	104	.001			2
96	A229	205.0	208.0	3.0	105	.002	27		< 2
97	A230	208.0	211.0	3.0	127	.001		340	< 2
70	A231	211.0	214.0	3.0	96	.001	29		< 2
87	A232	214.0	217.0	3.0	85	.001			< 2
59	A233	217.0	220.0	3.0	84	.001	38	470	< 2
93	A234	220.0	223.0	3.0	77	.001			< 2
85	A235	223.0	226.0	3.0	86	.001	28		< 2
96	A236	226.0	229.0	3.0	82	.002		310	< 2
100	A237	229.0	232.0	3.0	87	.002	37		< 2
100	A238	232.0	235.0	3.0	91	.002			< 2
81	A239	235.0	238.0	3.0	93	.001	35	370	< 2
95	A240	238.0	241.0	3.0	92.0	.002			< 2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		dark grey siliceous intrusive matrix. The qtz-eye diorite fragments occur within this matrix. The breccia is quite competent with a high RQD. Upper breccia contact is distinct and sharp at 40° to CA. Trace MoS_2 associated with the hornfels and quartz fragments. 3% py.	
65.6	96.8	QUARTZ-EYE DIORITE - SERICITIC	
		Typical quartz-eye diorite intrusion, massive, contains 10-15% prominent 2-5 mm, often squarish in form, quartz eyes, creamy colour, intensely pervasively sericitized. To 69.6 the porphyry is cut by several 1-2 mm barren quartz veinlets. Also within this upper section there are 3-5 pink feldspar fracture fillings per metre. In the interval 77-92 the porphyry is quite broken, shattered, with gouge being rather minimal. Fractures are commonly rough, often coated with a cream coloured clay and oriented at 40° to CA. Commonly these broken zones are cut by pink feldspar fracture fillings (i.e. 78.4-79.1).	3% py No MoS_2
		Minor dioritic inclusions occasionally noted (83.2), these are 4-7 cm in size and round in form. From 78-96.8 there are 1/2-1 $\leq$1 mm barren q.v.	
		Pyrite averages ∼3% throughout, primarily as fine grained disseminations blebs (up to 1 cm) and within several sections as fracture fillings.	
		69.11: Sharp contact between a med.-coarse grained qtz-eye diorite (below) and a fine grained variety.	
		71.9: 3 cm gouge, parallel to CA.	
		72.52: Barely tr. disseminated cpy.	
		74.42: 9 mm q.v. at 20° to CA, vein is sharp and exhibits a core of galena. Cut by a 1 mm feldspar fracture filling.	
		81.75: 6 mm q.v. at 15° to CA, qtz. vein with core of pink feldspar, good growth texture.	
		83.43: Minor slip gouge at 40° to CA.	
		86.5: 2 mm qtz. vlt at 15° to CA, tr. py, cut by a later fsp fracture filling.	
		91.17: 2-5 mm qtz-fsp fracture filling at 10° to CA, tr py and a very fine grained metallic dissemination (MoS_2 ?).	
		95.2-96.8: Locally brecciated, 10% py, occurs as massive blebs filling matrix.	
96.8	133.9	QUARTZ-EYE DIORITE - SERICITIC (VARIABLE ALTERATION)	
		Essentially same as above unit except that 15% of the porphyry contain sections that are medium green in colour and that the feldspar are completely altered to a greenish clay-saussurite. These sections are noted at 96.8-102.4; 108.7-109.6; 112.5-112.9; 115.7-115.8; 120.7-121.6; 124.6-125.6; 127.2-127.4; 131.3-131.4 & 132.8-133.9. Within these zones the porphyry texture is well developed.	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu	MoS_2	Zn	F ppm	W ppm
87	A241	241.0	244.0	3.0	82	.002	33		< 2
63	A242	244.0	247.0	3.0	88	.002		360	< 2
74	A243	247.0	250.0	3.0	83	.002	32		< 2
78	A244	250.0	253.0	3.0	75	.004			< 2
12	A245	253.0	256.0	3.0	74	.007	33	315	< 2
50	A246	256.0	259.0	3.0	85	.015			7
92	A247	259.0	262.0	3.0	96	.011	34		9
73	A248	262.0	265.0	3.0	90	.008		345	7
99	A249	265.0	268.0	3.0	79	.004	31		2
99	A250	268.0	271.0	3.0	76	.004			3
85	A251	271.0	274.0	3.0	78	.005	32	405	3
62	A252	274.0	277.0	3.0	81	.006			2
53	A253	277.0	280.0	3.0	74	.008	39		3
73	A254	280.0	283.0	3.0	68	.002		325	< 2
64	A255	283.0	286.0	3.0	57	.002	37		13
42	A256	286.0	289.0	3.0	57	.001			2
98	A257	289.0	292.0	3.0	63	.001			< 2
87	A258	292.0	295.0	3.0	62	.002	30	260	< 2
100	A259	295.0	298.0	3.0	56	.001			< 2
88	A260	298.0	301.0	3.0	58	.003	33		2
87	A261	301.0	304.0	3.0	46	.003		260	2
46	A262	304.0	307.0	3.0	58	.003	31		< 2
79	A263	307.0	310.0	3.0	41	.004			< 2
45	A264	310.0	313.0	3.0	31	.006			5
50	A265	313.0	316.0	3.0	22	.005	41		3
44	A266	316.0	319.0	3.0	23	.002		380	2
68	A267	319.0	322.0	3.0	25	.004	78		< 2
84	A268	322.0	325.0	3.0	24	.005			3
57	A269	325.0	328.0	3.0	22	.004	73	330	4
100	A270	328.0	331.0	3.0	23	.004			2
100	A271	331.0	334.0	3.0	25	.003	90		2
100	A272	334.0	337.0	3.0	25	.003		325	6
100	A273	337.0	340.0	3.0	23	.004	63		3
96	A274	340.0	343.0	3.0	29	.004			3
97	A275	343.0	346.0	3.0	29	.003	60	435	3
100	A276	346.0	349.0	3.0	32	.003			3
87	A277	349.0	352.0	3.0	37	.002	42		3
58	A278	352.0	355.0	3.0	40	.003		405	3
78	A279	355.0	358.0	3.0	36	.003	41		2
68	A280	358.0	361.0	3.0	38	.003			4
38	A281	361.0	364.0	3.0	37	.002	33	415	< 2
78	A282	364.0	367.0	3.0	47	.002			2
53	A283	367.0	370.0	3.0	55	.003	115		2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		No MoS_2 noted. Pyrite accounts for 3% of the unit. Locally, 111.6-111.8, 15-20% py is noted. From 100 - ~108.4: Tiny (≤ 1 mm) quartz vlts at 70-80% to CA, ~1 v/metre. 108-109.5: Contains several scattered rounded dioritic inclusions, up to 9 cm in size. The inclusions are quite pyritic - up to 10-15%. 110.4-111.6: Several large orange/pink feldspar fracture fillings - contacts somewhat brecciated. 115.3-116.65: Rough fracture at 15° to CA, graphitic mud coating. 132.23: Chalcopyrite associated with a pyrite bleb .	
133.9	250.6	QUARTZ-EYE DIORITE - SERICITIC Unit is the typical qtz-eye diorite, creamy colour, intensely sericitized. From 160-182.3 the section is slightly greener in colour, weakly saussuritized, siliceous. The unit is quite homogeneous and competent. Gouges noted at 141.10 (> 3 cm, at 10° to CA) & 158.0-158.45 - 7 cm at 10° to CA, consists of clay, pebbles, qtz pebbles and minor graphitic streaking. Within the upper section fractures are of two prominent types: 1) rough fractures with a clay-sericitic-carbonate coating; 2) rough fracture with a slick coat of dark grey mud, graphitic, variably orientated, generally at 40° to CA. From 245.0-259 - these are a series of fractures, 1/3- 4 metres, these are parallel to CA, rough and have a clay-sericite fracture coat. Pyrite averages 2-3% throughout. Occurs predominantly as disseminations and to a lesser degree along fractures. From 154-189.4 there are a series of pyrite fracture fillings, commonly at 10-15° to CA, average (1-) 2/metre. Below ~192 pyrite commonly occurs as patches or aggregates up to 1.0-1.5 cm in size. Within slightly greener/greyer siliceous sections pyrite is also observed to occur as short hairlike strands up to 5 mm in length and commonly uniformly orientated at low angle to CA. This pyrite form is noted at 185.4-186.2; 238.9-239.7; and 247.5-249.0. Pyrrhotite occurs as fracture fillings and disseminations in association with pyrite and occasionally chalcopyrite, at 209.7-210.4. Cpy trace occurs at 210.38. Between 218.0-219.8 MoS_2 is observed to occur as a fracture filling and as a band of disseminations - quite impressive (0.05%?). Section is siliceous, quite broken and fractured, with gouge zones. Locally, 179.9-183.9 (six) 212.75 rounded to subrounded fine grained inclusions are present. These are commonly alaskitic in appearance, intensely sericitic, contain 3% very fine grained black disseminations - pyrite and are 4-9 cm in size.	2-3% py Tr MoS_2 at 218.0 - 219.8 Tr-1/2% Po at 209.7-210.4 m

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	Cu	MoS_2	Zn	F ppm	W ppm
92	A284	370.0	373.0	3.0	48	.002		310	< 2
88	A285	373.0	376.0	3.0	54	.003	74		2
71	A286	376.0	379.0	3.0	57	.002			2
51	A287	379.0	382.0	3.0	56	.001	61	470	3
52	A288	382.0	385.0	3.0	112	.002			< 2
91	A289	385.0	388.0	3.0	99	.002	33		< 2
88	A290	388.0	391.0	3.0	63	.002			3
37	A291	391.0	394.0	3.0	52	.001	40		< 2
61	A292	394.0	397.0	3.0	59	.002		350	< 2
41	A293	397.0	400.0	3.0	67	.001		535	< 2
23	A294	400.0	403.0	3.0	58	.002	39		< 2
95	A295	403.0	406.0	3.0	54	.002			2
61	A296	406.0	409.0	3.0	57	.001	36	380	< 2
39	A297	409.0	412.0	3.0	48	.001			4
55	A298	412.0	415.0	3.0	76	.001	35		3
95	A299	415.0	418.0	3.0	26	.002	48		< 2
39	A300	418.0	421.0	3.0	27	.001		350	2
66	A301	421.0	424.0	3.0	43	.002	57		< 2
32	A302	424.0	427.0	3.0	70	.001			< 2
66	A303	427.0	430.0	3.0	61	.003			2
61	A304	430.0	433.0	3.0	56	.001	46	345	< 2
92	A305	433.0	436.0	3.0	53	.001	30	420	< 2
84	A306	436.0	439.0	3.0	38	.002			< 2
66	A307	439.0	442.0	3.0	58	.002			< 2
74	A308	442.0	445.0	3.0	32	.001	44		< 2
89	A309	445.0	448.0	3.0	13	.002		335	< 2
79	A310	448.0	451.0	3.0	30	.001	27		2
96	A311	451.0	454.0	3.0	29	.001		375	< 2
73	A312	454.0	457.0	3.0	29	.002	29		4
98	A313	457.0	460.0	3.0	31	.001			3
85	A314	460.0	463.0	3.0	39	.001	32	375	< 2
66	A315	463.0	466.0	3.0	30	.001			2
74	A316	466.0	469.0	3.0	34	.002	29		< 2
43	A317	469.0	472.0	3.0	12	.002	41		< 2
78	A318	472.0	475.0	3.0	14	.002			< 2
31	A319	475.0	478.0	3.0	14	.002	42	330	8
81	A320	478.0	481.0	3.0	14	.003			< 2
63	A321	481.0	484.0	3.0	16	.002	42		< 2
56	A322	484.0	487.0	3.0	15	.003	33	380	< 2
49	A323	487.0	490.0	3.0	11	.002			< 2
51	A324	490.0	493.0	3.0	14	.004	42		2
81	A325	493.0	496.0	3.0	14	.003			< 2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		155.96: fracture at 20° to CA, dark grey mud along fractures - quite slick. 159.61: 2 mm q.v., essentially barren, minor py along rim, irregular at 30° to CA. 160.07: 2-3 cm qtz pod/vein, brecciated contact, numerous py along rims - vuggy, euhedral crystals. 179.1: 0.4 m zone - gouge, 2 cm, at 10° to CA. 184.1: 1-2 cm massive pyrite (~80%) at 25° to CA. 185.20: Distinctive smooth fracture with graphitic mud coating at 15° to CA. 187.7-188.4: Andesite. - medium grey, contact is quite irregular at low angle to CA, vesicular, filled with qtz, finely dotted with light grey clay specks. 213.8; 214.4: Saussuritized sections.	
250.6	412.5	QUARTZ-EYE DIORITE - SERICITIC (VARIABLE ALTERATION) Similar to the section at 96.8-133.9 m. Consists of the typical quartz-eye diorite which has undergone varying alteration. The sericitic-typical type, accounts for approximately 65-70% of the porphyry whereas the remaining 30-35% consists of a green porphyry that exhibits saussurite alteration, mixed saussurite (alteration of feldspars to a green clay) and sericite and locally minor chlorization at biotite. These green, saussuritized zones are noted at 250.6-254.6 ; 273.9-281.2; 295.45-295.68; 299.6-300.0; 303.9-305.7; 311.2-315.8 (chloritic); 319.4-326.8; 339.9-341.5; 348.4-349.2; 350.3-351.1; 357.3-358.2; 362.9-363.3; 369.0-370.8; 370.8-377.0 and 406.3-412.5. The green or grey-green sections, occasionally chloritic, are commonly quite siliceous. No MoS_2 or q.v. is noted within this section. Pyrite occurs predominantly as disseminations and to a lesser extent as fracture fillings. Approx. 2-3% pyrite is present. As described in the section above, pyrite occurs locally as 'hairlike' features, notably within the green, siliceous sections. The pyrite occurs as short strands up to 5 mm in length and are commonly uniformly orientated at low angle to CA. Such sections are noted at 250.6-264.9; 269.1-269.4; 270.9-271.1; 271.7-272.1; 273.2-280.0; 295.45-295.68; 297.1-297.7; 299.6-300.0; 321.0-323.4; 339.9-341.5 and 348.4-349.2. Pyrrhotite occurs in amounts of 1-2% in association with pyrite - as disseminations and along fractures. It also occurs as up to 2 cm blebs. Fine grain mafic rich diorite inclusions, as described previously are noted at 267.37; 384.4; 391.22. The section contains occasional broken zones and gouges. The following are noted: 274-278: 3 fractures at 10° to CA; 312.3-318.4:	No MoS_2 2-3% py 1-2% Po at 259.4-264.9

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Cu	MoS_2	Zn	F ppm	W ppm
69	A326	496.0	499.0	3.0	12	.002	37	405	< 2
60	A327	499.0	502.0	3.0	22	.005	87		2
95	A328	502.0	505.0	3.0	13	.003			< 2
81	A329	505.0	508.0	3.0	14	.003	39		< 2
99	A330	508.0	511.0	3.0	15	.003		380	< 2
100	A331	511.0	514.0	3.0	17	.003	76		< 2
70	A332	514.0	517.0	3.0	13	.002			< 2
95	A333	517.0	521.2	4.2	12	.002	35	380	< 2
98	* A334	521.2	524.0	2.8	26	.004			< 2
81	A335	524.0	527.0	3.0	11	.003	34		< 2
58	A336	527.0	530.0	3.0	11	.003		435	11
77	A337	530.0	533.0	3.0	17	.005	25		10
94	A338	533.0	536.0	3.0	13	.003			29
95	A339	536.0	539.0	3.0	8	.003	26	420	< 2
95	A340	539.0	542.0	3.0	7	.001	32		< 2
98	A341	542.0	545.0	3.0	6	.003	23		< 2
96	A342	545.0	548.0	3.0	10	.003		450	< 2
100	A343	548.0	551.0	3.0	11	.002	25		< 2
100	A344	551.0	554.0	3.0	11	.002			< 2
95	A345	554.0	557.0	3.0	14	.003		445	2
95	A346	557.0	560.0	3.0	16	.004	30		2
91	A347	560.0	563.0	3.0	14	.004			2
90	A348	563.0	566.0	3.0	50	.003	28	380	2
100	A349	566.0	569.0	3.0	18	.003			2
99	A350	569.0	572.0	3.0	16	.003	30		< 2
90	A351	572.0	575.0	3.0	14	.004		405	< 2
88	A352	575.0	578.0	3.0	14	.005	34		< 2
92	A353	578.0	581.0	3.0	20	.007			< 2
93	A354	581.0	584.0	3.0	12	.006	28	350	9
92	A355	584.0	587.0	3.0	12	.003			6
97	A356	587.0	590.0	3.0	14	.006	30		< 2
100	A357	590.0	593.0	3.0	16	.004		370	< 2
87	A358	593.0	596.0	3.0	12	.005	40		11
82	A359	596.0	599.0	3.0	10	.005			7
94	A360	599.0	602.0	3.0	41	.009	36	415	< 2
86	A361	602.0	605.0	3.0	12	.004			21
80	A362	605.0	608.0	3.0	14	.005	32		< 2
92	A363	608.0	611.0	3.0	14	.004		445	< 2
93	A364	611.0	614.0	3.0	20	.005	28		< 2
90	A365	614.0	617.0	3.0	26	.003			125
73	A366	617.0	620.0	3.0	18	.005	15	280	11
70	A367	620.0	623.0	3.0	16	.004			15

* Reduced to NWL at 521.2

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. RMY 80-18

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
		Broken; 317.1-318.3: Broken/Gouge Zone, gouge is 6 cm in width and is orientated at 10° to CA; 353.0-354.5: Broken Zone, fractures orientated at 10° to CA; 359.90: 3 cm gouge at 75° to CA; 360.28, 360.13 & 364.43: 1 cm graphitic mud; 369.0-370.8: fracture orientated at 10° to CA; 373.5-373.7: A set of carb/clay coated fractures at 75° to CA (12-15 fractures/metre); 380.8-381.2: Shear zone, oxidized, beige colour, broken up - gouge intermixed; 381.9-383.5: Gouge/Broken zone, gouge consists of clay, pepples and minor graphite at 382.6-383.5; 391.9-395.1: Intensely fractured section, silicified, fractures filled in by dark grey qtz/feldspar. Minor Fe staining; 391.93: 0.5 m zone broken, tectonic breccia, dark grey, pyritic and siliceous; 394.44: Graphitic and qtz/carb coated fracture at 10° to CA; 397.5-403: Broken Zone, good sericitic alteration, scattered fsp fracture fillings throughout.	
		285.4-288.6: A set of ≤1 mm barren qtz veinlets, ~ 1/metre.	
		281.2-285.8: Fine grain metallic disseminations (?) noted.	
		298.84: Well developed fractured at 35° to CA, black graphitic mud coatings.	
		315.1-315.7: Excellent banding texture, sericitic/saussuritized sections (bands), 1-9 cm beds, at 65° to CA.	
		370.0-380.5: Section contains ~4 pink/cream qtz/fsp veinlets/metre. Commonly ≤1 mm veins.	
		394.01: 1.3 cm. Barren q.v. at 10° to CA, related to fractures.	
412.5	433.9	QUARTZ-EYE DIORITE - CHLORITIC	
		The section consists of the same quartz-eye diorite intrusive as denoted above. It has been distinctly chloritized with the biotite having been altered to chlorite. The section is locally weakly - moderately sericitized. The intrusive exhibits a 'salt and pepper' colour and textural appearance. The phenocrysts account for >80% of the unit thereby giving it a crowded appearance. The chloritized biotite account for 10-15% and are variable in size.	1 (-2) % Py No MoS_2
		Pyrite content appears to be decreasing downhole, within this section accounts for 1 (-2)%. No MoS_2 or q.v. noted.	
		422.0-428.9: Sericitic section, weakly and locally chloritized.	
		424.1-426.8: Broken zone contains up to 30% gouges.	
433.9	515.5	QUARTZ DIORITE PORPHYRY - CHLORITIC	
		This unit consists of the same quartz-eye diorite as above however the term 'quartz diorite porphyry' is applied particularly since the quartz-eyes, even though still quite prevalent, are not as prominent as above. As within 412.5-433.9 the biotites have been completely to partially chloritized. The intrusive up to 10-15% qtz eyes, 10-15%	1% magnetite <1% pyrite No MoS_2

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	Cu	MoS_2	Zn	F ppm	W ppm
29	A368	623.0	626.0	3.0	20	.004	36		95
23	A369	626.0	629.0	3.0	16	.004		400	9
8	A370	629.0	632.0	3.0	34	.005	40		7
34	A371	632.0	635.0	3.0	64	.007			< 2
66	A372	635.0	638.0	3.0	48	.023	92		3
86	A373	638.0	641.0	3.0	28	.005		525	2
82	A374	641.0	644.0	3.0	20	.004	28		2
45	A375	644.0	647.0	3.0	20	.004			< 2
69	A376	647.0	650.0	3.0	186	.003	42	535	< 2
53	A377	650.0	653.0	3.0	38	.004			2
69	A378	653.0	656.0	3.0	24	.004	32		2
81	A379	656.0	659.0	3.0	24	.004		525	8
83	A380	659.0	662.0	3.0	34	.008	29		12
94	A381	662.0	665.0	3.0	24	.004			42
84	A382	665.0	668.0	3.0	22	.003	34	590	< 2
67	A383	668.0	671.0	3.0	42	.01			6
56	A384	671.0	674.0	3.0	28	.003	28		2
39	A385	674.0	677.0	3.0	20	.003		390	< 2
53	A386	677.0	680.0	3.0	18	.006	28		2
68	A387	680.0	683.0	3.0	20	.006			2
79	A388	683.0	686.0	3.0	14	.006	27	500	2
62	A389	686.0	689.0	3.0	20	.006			4
76	A390	689.0	692.0	3.0	24	.004	32		3
90	A391	692.0	695.0	3.0	20	.004		495	2
76	A392	695.0	698.0	3.0	18	.003	33		< 2
46	A393	698.0	701.0	3.0	34	.002			< 2
52	A394	701.0	704.0	3.0	48	.002	44	450	< 2
94	A395	704.0	707.0	3.0	36	.002			2
78	A396	707.0	710.0	3.0	20	.001	35	480	2
80	A397	710.0	713.0	3.0	32	.003			2
45	A398	713.0	716.0	3.0	20	.001	32		< 2
66	A399	716.0	719.0	3.0	24	.001		440	2
56	A400	719.0	722.0	3.0	16	.004	35		< 2
94	A401	722.0	725.1	3.1	28	.002			< 2

END OF HOLE.

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. RMY 80-18

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
		chloritized biotite and 40-50% feldspar within a faint pinkish-orange matrix. The unit is hard and massive. Weak Kspar is locally noted as veins and flooding - generally very weak. Best such sections are noted at 433.9-438.3; 446.27; 447-451.7; 452.7-452.9; 454.8-456.4; 464.1-465.1; 465.9-466.3; 469.4-471.7; 472.3-473.3; 481.9; 484.3-485.3; 486.3-488.0; 491.1-491.5 and 509.3-509.9.						
		Texturally the intrusive commonly exhibits a 'salt and pepper texture'.						
		The unit is hard, massive and exhibits no quartz veining and only minor fracturing. From 449-551 there are a prominent set of fractures, ~ 3/metre, at <10° to CA. The fractures are rough and contain a clay-carbonate coating. From 475.7-481.9: broken. 485.5-487.0: broken zone. Gouge from 489.44-490.1, a well developed sericitized section adjacent to the gouge from 489.2-490.6. This section consists of clay, pebbles and qtz fragments - locally brecciated.						
		Pyrite concentration within this qtz diorite porphyry intrusive diminishes to <1/2-1%. Fe in this case occurs in the form of magnetite, which occurs as fine grain black disseminations - 1-2%.						
		440.18: 8 cm fine grain inclusion - dioritic, previously described.						
		446.27: 5 mm Kspar vein at 35° to CA.						
		Below 446 : trace epidote, zeolites (?).						
		451.74: 6 mm Kspar vein at 30° to CA.						
		451.88: 5 mm dioritic inclusion.						
		453.5-454.0: 5 inclusions up to 10 cm in size - dioritic.						
		463.26: lenticular dioritic inclusion - 0.35 m.						
		464.1-465.1: 9 Kspar veins, 3-4 mm, at 30-55° to CA.						
		481.9-484.4: sericitized section, contains several dioritic inclusions.						
		485.3-486.3: cream coloured sericitized section.						
		500.5: 20 cm zone - breccia-like appearance - contains a dark grey matrix.						
		502.60: 4.5 cm rounded diorite inclusion.						
		507.9-509.2 Larger (2-5 mm) biotite phenocrysts, relatively fresh - weakly chloritized.						
		509.3-509.9: Some of the fractures contain a non-carbonate, soft, bright orange zeolites (?) - 8 hairline fractures at 50° to CA.						
		511.6-515.4: 3-5% fresh biotite, occurs within an intensely siliceous porphyry, darker grey - intermixed are lt. green-grey sections. These exhibit a very well developed porphyry texture with 50-60% <1-5 mm feldspar, 10% chloritized biotite and 5-10% qtz eyes within a slightly pinkish rhyolitic matrix.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS					
515.5	581.3	QUARTZ DIORITE PORPHYRY - CHLORITIC The intrusive is essentially the same as that above. The unit is the deeper variety of the qtz eye diorite, and is characterized by extensive chloritization (deuteric) and to a lesser minor degree - patchy, sericitization. Contains 50-60% <1-5 mm creamy - lt. green feldspar, 10% chloritized biotite and 5-10% quartz eyes. Within a slightly pinkish rhyolitic matrix Kspar as noted immediately above, is essentially absent - only minor occurrences. The unit is massive and only weakly fractured - no q.v. Pyrite is weakly concentrated throughout <1%. Fe occurs in the form of magnetite as very fine grain disseminations in the matrix - 1-2%. Several minor carbonate (zeolite?) veins crosscut the porphyry at varying orientation - usually <1 cm in width - locally 1/metre. 520.2-520.5: a set of tiny (<1 mm) qtz-py-chl veinlets (6) at 50-80° to CA. 523.7-523.9: Orange Zone - Kspar, minor epidote. 528.28: Carbonate vein, >1 cm, parallel to CA. Several fractures are infilled by a deep orange material, associated with epidote, soft, non-carbonate-zeolite(?). 535.3-536.0: abundant biotite, relatively fresh, ~1-3 mm 5% (also noted at 539.4-540.0). 542.85; 551.08: 4 cm qtz fragment - barren. 545-550.5: weak-mod. sericitic zone. 557.1-572.9: Sericitic, very weak. 559.30: 8 mm q.v. - Kspar vein at 55° to CA. 569.62: 3 cm - rounded dioritic inclusion. 576.23: 1/2 mm qtz veinlet at 35-40° to CA. 577.0-577.5: Several darker bands siliceous, at 35° to CA - chloritic.	< 1% Pyrite 1-2% magnetite										
581.3	725.1	QUARTZ DIORITE PORPHYRY - CHLORITIC Essentially the same porphyry as above except this unit is relatively fresh in appearance though weakly/moderately chloritized (deuteric). The intrusive is fairly massive, though within minor highly broken zones generally quite siliceous and is a dark greenish grey. Qtz phenocrysts are not as distinct except in variably altered sections. Mafics (biotite) have been weakly/moderately chloritized throughout. These flakes are (5-10%) 1-3 mm in size, locally up to 5 mm within the fresher sections. The intrusive contains <1% pyrite and 1-2% fine grain black disseminations of magnetite. Trace chalcopyrite noted between 659.4-661.2. Trace pyrrhotite at 650.6.	< 1% py 1-2% magnetite										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
		Numerous carbonate (/zeolitic?) veins encountered at 70-80° to CA (commonly). 'linor epidote often associated with the fracture fillings.										
		Within the more massive sections number 3-5/metre, generally smooth and with no coating - variably orientated - av. 70-80° to CA. Fractures within the several minor highly broken zones number 10-12/metre, usually at <45° to CA.										
		624.4-634.0: Major Broken Section. Gouges noted at 624.4-624.9; 625.2-625.9; 630.2-631.5.										
		674.8-675.3: Minor section of moderately sericitized qtz diorite porphyry - fairly coarse grained and equigranular, <1% magnetite, < 2% pyrite.										
		680.9: dioritic inclusion (244 cm).										
		689.4-691.1: Minor zone of intense saussuritization.										
		693.1,693.2: Minor dioritic inclusion.										
		697.9: Minor Saussuritic-carb. v. 6 mm width at 35°to CA.										
		699.6-712.3: Moderate to intensely saussuritized intrusive. Crosscut by carbonate fracture fillings.										
	725.1	END OF HOLE										

DDH RMY-81-23

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY: RED MOUNTAIN Yukon	LATITUDE: L6 + 25W	STARTED: July 2nd, 1981	
HOLE NO.: RMY 81-23	DEPARTURE: 2 + 70N	FINISHED: July 14th, 1981	
BEARING: Vertical	ELEVATION: 1514m	LENGTH: 558.4m (1832)	
DIP-COLLAR: 90°	SECTION:	LOGGED BY: P. Brown	

DIP TEST

Footage	Corrected	Footage	Corrected	Footage	Corrected
(400')121.9m 89°	10°	(1615')492.3 89°	333.5°		
(815')248.4m 90°	350.5°				
(1237')377.0m 88°	316°				

FOOTAGE From	FOOTAGE To	DESCRIPTION
0	7.62m	Casing: Overburden of Broken Rock. Triconed
7.62	25.45m	M/g Yellow Very Strongly Sericitized and Silicified
		Quartz Monzonite Porphyry; Oxidized 6b

Lower contact of this section is in very highly broken core. This section is very strongly oxidized throughout and the majority of the core is a limonitic yellow in colour. The oxidation where not as strong occurs as selvages to fractures. So throughout the moderately oxidozed sections there are triangular shaped bits of QMP surrounded by oxidized QMY.

The QMP consist of 30 - 70% 1 - 5mm yellow to brown when oxidized to pale green feldspar phenocrysts, which are strongly sericitized, 5% Qtz eyes, and 1 - 5% sericitized biotite phenocrysts in a F/g siliceous matrix.

Much of this section is strongly broken and several gouge zones are present.

10.3 - 11.6 m gouge and broken core - 30cm ground.
16.5m 20 cm of gouge
18.9 - 19.8 broken core
24.4m 10cm gouge 45° to C.A.

The whole section is strongly silicified and a good stockwork is developed throughout. Most veins are <5mm however, there are a few exceptions.

9.1m 3.5cm qtz vein 20° to C.A. Minor moly and trace Ferrimolybdite
18.7m 1.5cm qtz vein down C.A. for 50cm. Minor ferrimolybdite associated.
23.1 - 24.0m Very strong silicification

Ferrimolybdite can be seen throughout this section and occurs along many of the oxidized factures. The best occurrence of Ferrimolybdite occurs at 8.1m where several cross cutting fractures have a thick coating.

Specks of MoS_2 can be seen in qtz veins throughout although many of the veins are vuggy where Py and possible molybdenite have been removed by groundwater. Most of the Pyrite in this section appears to have been removed however about 1% remains.

% Mineralization	ROD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS MoS_2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
	58	B 841	7.6	9.0	1.4	.098	40	--	--	2
	51	842	9	12	3.0	.084	128	20	86	3
	47	843	12	15	3.0	.120	80	--	--	3
	48	844	15	18	3.0	.049	62	28	48	4
	50	845	18	21	3.0	.083	98	--	--	2
	53	846	21	24	3.0	.077	34	30	32	2
	52	847	24	27	3.0	.082	60	--	--	2
	35	848	27	30	3.0	.008	22	22	22	2
	5	849	30	33	3.0	.076	76	--	--	2
	10	850	33	36	3.0	.069	44	16	24	3
	7	851	36	39	3.0	.102	88	--	--	3
	23	852	39	42	3.0	.185	64	20	38	3
	75	853	42	45	3.0	.096	84	--	--	2
	42	854	45	48	3.0	.106	112	12	56	2
	28	855	48	51	3.0	.078	56	--	--	3
	58	856	51	54	3.0	.114	46	16	48	2
	58	857	54	57	3.0	.153	86	--	--	2
	65	858	57	60	3.0	.104	76	18	40	2
	43	859	60	63	3.0	.138	104	--	--	3
	40	860	63	66	3.0	.103	50	14	44	2
	65	861	66	69	3.0	.137	72	--	--	2
	65	862	69	72	3.0	.083	68	10	32	2
	43	863	72	75	3.0	.123	152	--	--	2
	30	864	75	78	3.0	.120	260	8	50	3
	47	865	78	81	3.0	.088	140	--	--	2
	37	866	81	84	3.0	.032	212	6	92	2
	32	867	84	87	3.0	.133	164	--	--	3
	70	868	87	90	3.0	.243	40	6	140	3
	73	869	90	93	3.0	.312	60	--	--	8
	30	870	93	96	3.0	.298	262	--	--	< 2
	40	871	96	99	3.0	.215	246	8	72	< 2
	33	872	99	102	3.0	.122	260	--	--	< 2
	62	873	102	105	3.0	.131	118	4	160	2
	93	874	105	108	3.0	.209	26	--	--	3
	42	875	108	111	3.0	.165	48	16	80	< 2
	38	876	111	114	3.0	.096	382	--	--	3
	48	877	114	117	3.0	.072	16	20	90	2
	77	878	117	120	3.0	.132	10	--	--	3
	67	B 879	120	123	3.0	.067	110	18	100	3

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
25.45	30.55	Cryptocrystalline Pale Olive Green Qtz Eye Rhyolite Porphyry Dike 9a	VISUALLY EST Moly 7.62 - 25.45m 0.05% - 0.10% 1% Pyrite
		Foliation or layering in the dike is well developed at 25° to C.A. Both lower contact and upper contact are in a gouge zone. The gouge zone appears to be at 20° to 30° to C.A.	
		The dike is oxidized, however the strongest oxidation occurs along fractures in the dike. 25.45 - 25.9 m Gouge 30° to C.A. 30.00 - 30.55m Gouge 20 - 30° to C.A.	24.45 - 30.55m Nil Moly Tr Pyrite
		The dike consists of 5 - 10% 2 - 4mm qtz layers in a cryptocrystalline siliceous matrix.	
		There are no true qtz veins in the dike however there are a number of <1cm rounded qtz fragments aligned parallel to foliation. Structure associated with the alignment looks something like sedimentary flame structure.	
		There are no molybdenite veins and only tr/disF/g Pyrite in the dike. Although there is very little pyrite in the dike most of what is present is oxidized.	
30.55	71.0m	Quartz Monzonite Porphyry Sericitic 6b: OXIDIZED	
		Unit is a rusty yellow in colour where strongly oxidized and a pale green colour in non oxidized or very weakly oxidized sections. The contact between the oxidized and non oxidized QMP in the interval 61.0 - 71.0m is only weakly oxidized.	
		The QMP consist of 40 - 60% <1mm to 3mm sericitic feldspar phenocrysts ≈ 10% qtz eyes and 1 - 5% sericitic biotite phneocrysts in a fine grained ground mass. The QMP is very strongly silicified and has a good stockwork throughout.	
		There are a number of gouge and broken sections. These occur at: 31.8 - 32.0m gouge zone 20° to C.A. 32.5 - 33.7 gouge zone 40° to C.A. 35.3 - 38.9m gouge and highly broken core. 41.3m 40cm of gouge at 10° to C.A. 44.7m 5cm gouge 60° to C.A. 45.9m 80cm of broken core. Fractures down C.A. 47.2m 10cm broken 47.6 - 48.4m Broken core and gouge 0° to C.A. 48.9 - 49.4m " " " "	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
32	B 880	123	126	3.0	.090	178	--	--	< 2
40	881	126	129	3.0	.091	98	22	70	6
65	882	129	132	3.0	.135	22	--	--	9
90	883	132	135	3.0	.100	50	10	30	5
80	884	135	138	3.0	.158	54	--	--	2
75	885	138	141	3.0	.149	10	16	80	2
58	886	141	144	3.0	.051	14	--	--	2
88	887	144	147	3.0	.218	6	8	36	80
67	888	147	150	3.0	.132	6	--	--	2
83	889	150	153	3.0	.135	6	8	56	7
68	890	153	156	3.0	.094	8	--	--	4
85	891	156	159	3.0	.093	6	20	40	3
72	892	159	162	3.0	.118	12	--	--	3
88	893	162	165	3.0	.180	8	18	34	5
48	894	165	168	3.0	.083	40	--	--	3
67	895	168	171	3.0	.116	18	6	52	11
47	896	171	174	3.0	.120	10	--	--	37
75	897	174	177	3.0	.140	12	6	72	2
3	898	177	180	3.0	.084	264	--	--	2
47	899	180	183	3.0	.135	66	14	254	160
33	900	183	186	3.0	.099	182	--	--	8
47	901	186	189	3.0	.098	30	8	296	350
65	902	189	192	3.0	.135	16	--	--	12
43	903	192	195	3.0	.199	92	6	200	6
22	904	195	198	3.0	.156	50	--	--	750
25	905	198	201	3.0	.130	44	8	106	1900
52	906	201	204	3.0	.118	46	--	--	1600
87	907	204	207	3.0	.094	52	10	30	625
52	908	207	210	3.0	.165	80	--	--	425
18	909	210	213	3.0	.122	18	10	90	11
10	910	213	216	3.0	.163	6	--	--	3
93	911	216	219	3.0	.185	6	10	40	4
97	912	219	222	3.0	.110	6	--	--	< 2
100	913	222	225	3.0	.106	6	20	32	< 2
68	914	225	228	3.0	.140	12	--	--	3
95	915	228	231	3.0	.133	6	18	22	2
100	916	231	234	3.0	.166	8	--	--	< 2
100	917	234	237	3.0	.156	8	60	26	5
100	918	237	240	3.0	.169	10	--	--	3
100	919	243	246	3.0	.190	6	26	18	2
100	920	246	249	3.0	.128	10	--	--	3
100	921	249	252	3.0	.118	8	22	16	4
100	922	252	255	3.0	.114	10	--	--	< 2
100	923	255	258	3.0	.180	6	20	22	7
100	924	258	261	3.0	.195	6	--	--	3
90	B 925	261	264	3.0	.170	8	14	30	2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
30.55	71.0m	Cont'd:	VISUALLY EST MOLY

51.4m 10cm gouge 30° to C.A.
57.2m 50cm Broken core
64.6m 60cm gouge 10° to C.A.
65.2 - 65.9 Gouge low angle to C.A.
70.5 - 70.9 Broken core

% Mineralization: 30.55 - 51.0m; 0.05 - 0.08% moly; 1% Py

The strongest oxidation occurs along fractures and associated with fault gouges. The QMP has a strong stockwork throughout, however veins are usually < 5mm and only rarely are veins wider than 1cm.

34.1 - 35.1 weaker than usual oxidization
44.4m 8mm qtz vein 70° to C.A. Barren
Many of the qtz veins exhibit vuggs where pyrite and possibly moly have been removed by groundwater.

A number of minor occurrences of Ferrimolybdenite can be seen throughout this oxidized section. The ferrimolybdite occurs as a coating along fractures. Most veins and some of the fractures appear to have some moly associated with them.

Between 43.7 - 44.0m Better than average Moly
45.8m several < 3mm qtz veins at 70 - 90° to C.A. with moly associated.
46.9m two parallel qtz veins 1mm wide and at 45° to C.A. good moly associated.
48.8 strong silicification for 20 cm
From 51.0 - 71.0 the amount of moly present in the qtz veining appears to be greater. Oxidation is becoming weaker with short sections of weakly oxidized to non oxidized QMP being present. The strongest oxidation is still along fractures and associated with fault gouges. More of the Py in the qtz veins is staying in place.

52.4m 1cm qtz vein down C.A. for 30cm moly occurs as a selvage to vein.
53.0 - 55.6m number of <1mm qtz veins with good moly associated.
59.5m 4mm qtz vein 40° to C.A. Good moly associated
65.9 - 66.1 weakly oxidized core
68.3 68.6 " " "
69.0 - 69.3 " " "

% Mineralization: 51.0m - 71.0m; 0.08 - 0.10% moly; 1 1/2 - 2% Py

64.6m minor ferrimolybdite in a gouge zone.
64.7m 6mm qtz vein 20° to C.A. with good moly selvages.
66.3 2mm qtz vein 0° to C.A. for 20cm. Good moly and some ferrimolybdite associated.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS MoS_2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
93	B 926	261	264	3.0	.230	6	--	--	3
93	927	264	267	3.0	.203	108	12	20	4
42	928	267	270	3.0	.240	268	--	--	3
38	929	270	273	3.0	.254	254	14	80	3
53	930	273	276	3.0	.207	26	--	--	2
13	931	276	279	3.0	.359	6	18	200	3
32	932	279	282	3.0	.338	6	--	--	2
27	933	282	285	3.0	.255	6	12	140	5
35	934	285	288	3.0	.498	6	--	--	4
20	935	288	291	3.0	.270	6	8	18	2
58	936	291	294	3.0	.382	4	--	--	3
38	937	294	297	3.0	.300	4	6	100	2
53	938	297	300	3.0	.097	6	--	--	9
95	939	300	303	3.0	.145	6	4	14	11
100	940	303	306	3.0	.230	2	--	--	3
67	941	306	309	3.0	.218	2	4	16	4
12	942	309	312	3.0	.207	6	--	--	2
97	943	312	315	3.0	.144	4	8	16	3
100	944	315	318	3.0	.176	4	--	--	2
100	945	318	321	3.0	.169	2	6	10	4
93	946	321	324	3.0	.134	2	--	--	< 2
75	947	324	327	3.0	.158	6	2	16	< 2
28	948	327	330	3.0	.020	2	--	--	< 2
38	949	330	333	3.0	.001	6	2	24	< 2
47	950	333	336	3.0	.001	8	--	--	3
43	951	336	339	3.0	.001	6	2	28	< 2
38	952	339	342	3.0	.002	12	--	--	4
15	953	342	345	3.0	.001	10	4	20	2
8	954	345	348	3.0	.001	6	--	--	2
55	955	348	351	3.0	.001	6	2	24	2
80	956	351	354	3.0	.001	8	--	--	2
100	957	354	357	3.0	.001	10	2	22	2
100	958	357	360	3.0	.003	10	--	--	< 2
70	959	360	363	3.0	.003	10	2	18	< 2
55	960	363	366	3.0	.003	12	--	--	< 2
18	961	366	369	3.0	.007	8	8	26	< 2
55	962	369	372	3.0	.004	8	--	--	< 2
25	963	372	375	3.0	.002	12	20	30	< 2
42	964	375	378	3.0	.002	12	--	--	< 2
83	965	378	381	3.0	.001	76	14	22	< 2
93	966	381	384	3.0	.002	695	--	--	< 2
53	967	384	387	3.0	.001	148	14	24	< 2
43	968	387	390	3.0	.001	56	--	--	< 2
42	969	390	393	3.0	.001	100	12	26	< 2
10	970	393	396	3.0	.002	128	--	--	< 2
78	B 971	396	399	3.0	.001	128	10	24	11

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PROPERTY Red Mountain HOLE NO. RMY 81-23

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
30.55	71.0m	Cont'd:	
		67.6m 1cm qtz vein 10° to C.A. Ferrimolybdite along a fracture in vein. 67.5 - 69.3 Better than average moly.	
71.0	79.4	Qtz Monzonite Porphyry Sericitic 6b	
		Lower contact sharp at 60° to C.A. The QMP is a continuation of the unit above, however the oxidation is usually restricted to the larger fracture planes. The qtz stockwork is still quite good and silicification is still very strong. Some of the qtz veins are still vuggy with some of the pyrite being removed by groundwater. The majority of the QMP is a pale gray green in colour, however it is yellow in areas of strong oxidation.	
		76.4m 60cm of highly broken core 79.15 - 79.4m a 25cm fragment of Bi-Feldspar dike. Contacts are sharp upper contact 85° to C.A. Lower contact 40° to C.A. 79.3m 5cm subrounded fragment of Biotite feldspar dike. The dike is intermineral as a moly bearing qtz. Vein extends from the QMP into the dike.	
		The QMP has a good stockwork throughout and most of the qtz veins have some moly associated with them. No ferrimolybdite has been recognized however, a number of fractures are still strongly oxidized.	
		A few of the biotite phenocrysts are chloritic. However, the majority are sericitic. All the feldspar phenocrysts are sericitic	
		72.9 4mm qtz vein 30° to C.A. Good moly associated 74.9m several 1 - 4mm qtz veins with moderate moly associated.	
79.4	84.1	M/g Greenish Black Biotite Feldspar Porphyry Dike	
		Assimilated hornfels? Lower contact sharp at 20° to C.A. This unit is composed of 50 - 70% 1 - 5mm relatively fresh looking feldspar phenocrysts, 10% fresh to weakly chloritic biotite phenocrysts in a biotite matrix. The dike exhibits weak magnetism, only noticeable on crushed rock. The dike has a number of fractures both at a low angle and high angle to the C.A. Most fractures have been oxidized.	VISUALLY EST. moly 79.4 - 84.1 0.05 - 0.08% 2 - 3% Py
		A fracture at the lower contact of this dike has a fluorescent coating. Two colours are present. 1. A bright green and 2. A purple colour.	
		The dike has a weak stockwork. However, there is moderate silicification adjacent to fractures. Moly is associated with the weak stockwork and with many of the hairline fractures.	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
50	B 972	399	402	3.0	.002	136	--	--	2
18	973	402	405	3.0	.002	128	10	24	<2
32	974	405	408	3.0	.001	100	--	--	<2
38	975	408	411	3.0	.001	88	18	20	<2
66	976	411	414	3.0	.003	100	--	--	<2
20	977	414	417	3.0	.002	120	14	20	2
68	978	417	420	3.0	.002	88	--	--	<2
20	979	420	423	3.0	.001	112	9	16	3
32	980	423	426	3.0	.001	160	--	--	<2
55	981	426	429	3.0	.001	76	14	22	<2
45	982	429	432	3.0	.001	128	--	--	<2
76	983	432	435	3.0	.002	136	16	22	<2
100	984	435	438	3.0	.001	12	--	--	<2
80	985	438	441	3.0	.002	8	16	16	<2
65	986	441	444	3.0	.002	8	--	--	<2
43	987	444	447	3.0	.001	8	16	20	<2
55	988	447	450	3.0	.001	8	--	--	<2
63	989	450	453	3.0	.002	4	10	18	<2
82	990	453	456	3.0	.002	12	--	--	<2
49	991	456	459	3.0	.002	12	16	26	<2
0	992	459	462	3.0	.002	14	--	--	<2
23	993	462	465	3.0	.038	12	106	18	2
28	994	465	468	3.0	.534	12	--	--	2
0	995	468	471	3.0	.202	12	14	16	<2
15	996	471	474	3.0	.033	14	--	--	<2
43	997	474	477	3.0	.003	10	14	22	<2
48	998	477	480	3.0	.042	12	--	--	<2
92	B 999	480	483	3.0	.122	12	10	22	2
93	C 1	483	486	3.0	.103	14	--	--	4
95	2	486	489	3.0	.182	18	12	39	3
100	3	489	492	3.0	.088	16	--	--	2
72	4	492	495	3.0	.202	16	10	26	8
20	5	495	498	3.0	.170	18	--	--	3
38	6	498	501	3.0	.032	18	18	28	4
28	7	501	504	3.0	.007	20	--	--	<2
65	8	504	507	3.0	.036	30	16	28	10
53	9	507	510	3.0	.096	12	--	--	9
78	10	510	513	3.0	.252	14	16	30	4
73	11	513	516	3.0	.136	14	--	--	2
73	12	516	519	3.0	.072	34	14	26	<2
65	13	519	522	3.0	.090	30	--	--	2
50	14	522	525	3.0	.003	10	14	26	<2
33	15	525	528	3.0	.002	20	--	--	<2
82	16	528	531	3.0	.011	30	18	34	<2
77	17	531	534	3.0	.003	20	--	--	2
45	18	534	537	3.0	.004	22	20	28	5

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	RQD
84.1	121.4	Qtz Monzonite Porphyry Sericitic: 6b	VISUALLY EST Moly	67
				65
		The porphyry is a pale green to yellow in colour. The QMP has strong	84.1 - 94.0m	0
		sericitic alteration throughout. Occasionally a few of the biotite	0 - 10% Moly	55
		phenocrysts are weakly chloritic.		19
		The QMP has a strong qtz stockwork with the majority of the qtz	1 - 2% Py	47
		veining < 5mm in width. Silicification is very intense throughout.		15
		The QMP is weakly chloritic with the last 7m before the contact with the dike below.		
		Lower contact sharp at 70° to C.A.		
		This section has numerous fractures which are still strongly oxidized.		
		92.7 m 2cm gouge 30° to C.A.		
		at 87.8 m and 89.8m weak white k-spar as flooding over 10cm. Occasionally adjacent to some of the qtz veins there are narrow selvages of rock which have been altered to kaolinite. (Feldspar is white and soft.)		
		85.6 m 1cm qtz vein 0° to C.A. for 40 cm minor moly associated.	94.0 - 121.4m	
		87.3m 7mm qtz vein 30° to C.A. good moly associated.		
		88.4m 6mm qtz vein 0° to C.A. for 10cm strong moly associated.	0.08 - 0.10% moly	
		90.8m 1cm qtz vein 60° to C.A. moderate moly as a selvage to vein.	< 1% Py	
		94.0 - 94.4 Broken core		
		96.2 70cm broken core		
		99.5 - 102.4m Broken core with a gouge zone at 20° to C.A. for the last 60cm.		
		112.6 - 114.0 Broken core and very strong oxidation		
		119.2m 50cm broken core		
		96.7 m 1.5cm qtz vein 40° to C.A. with moly associated.		
		98.7m 7mm qtz vein 10° to C.A. weak moly		
		107.1m 1cm qtz vein down C.A. for 20cm good moly associated.		
		108.0m 9mm qtz vein 0° to C.A. for 30 cm moly occurs as selvage to vein		
		108.15m 2cm by 4cm bleb of pyrite on core surface.		
		109.05m 1.5cm qtz vein 30° to C.A. good moly selvage		
		Starting at 109.5m and ending at 113.0m the QMP has 1 - 2mm yellow selvages to most of the fractures. Away from the selvages the QMP is a sericitic green colour. The yellow appears to be stringer alteration or oxidization adjacent to the fracture.		
		111.4 m 1cm qtz vein 45° to C.A. good moly selvage		
		112.3m several cross cutting 0 - 5cm to 1cm qtz veins with moderate moly associated.		
		112.5m 1cm by 2cm bleb of Pyrite in a qtz vein.		
		From 114.0m the QMP is becoming weakly chloritic and very strongly silicified. The stockwork appears to be about the same. There is also trace introduction of k-spar as selvages to fractures & qtz veins.		

SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
C 19	537	540	3.0	.133	28	--	--	2
20	540	543	3.0	.104	12	14	34	7
21	543	546	3.0	.033	14	--	--	< 2
22	546	549	3.0	.004	10	18	24	< 2
23	549	552	3.0	.002	36	--	--	< 2
C 24	552	555	3.0	.002	16	--	--	< 2
25	555	558.4	3.4	.002	16	--	--	< 2
				MoO3 as Mo%				
B 841	7.6	9	1.4	.024				
842	9	12	3.0	.034				
843	12	15	3.0	.051				
844	15	18	3.0	.022				
845	18	21	3.0	.038				
846	21	24	3.0	.026				
847	24	27	3.0	.034				
848	27	30	3.0	.002				
849	30	33	3.0	.038				
850	33	36	3.0	.036				
851	36	39	3.0	.050				
852	39	42	3.0	.102				
853	42	45	3.0	.029				
854	45	48	3.0	.013				
855	48	51	3.0	.031				
856	51	54	3.0	.002				
857	54	57	3.0	.006				
858	57	60	3.0	.015				
859	60	63	3.0	.013				
860	63	66	3.0	.040				
861	66	69	3.0	.026				
862	69	72	3.0	.042				
863	72	75	3.0	--				
864	75	78	3.0	--				
865	78	81	3.0	--				

END OF HOLE RMY 81-23

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
84.1	121.4m	Cont'd:	VISUALLY EST Moly									
		There are at least 3 episodes of qtz veining, the last two episodes contain moly and the earlier episode is barren.										
		118.6m 20cm of strong silicification										
		From 117.5 0 121.4m a slightly stronger introduction of k-spar. Several of the qtz veins in this last interval have minor muscovite apatite assemblage associated.										
121.4	136.75m	Biotite Feldspar Porphyry Dike: Assimilated Hornfels?										
		Lower contact sharp at 20° to C.A.	121.4 - 136.75m									
		The dike is a greenish black in colour. The dike has a short section of QMP within it. This QMP section occurs at 129.5 - 132.5m. The QMP is very strongly silicified and sericitic. Between 130.om and 132.0m there are several 5cm - 15cm fragments of Biotite - Feldspar Porphyry.	0.05 % moly ≍2% Py									
		The dike has 40% - 60% 1mm to cmm Feldspar phenocrysts - some of the feldspar phenocrysts are weakly saussuritized while others are fresh looking. The dike also has a moderate stockwork and veins appear to only be weakly mineralized. There are at least two episodes of qtz veining and both contain moly.	Less Py in the QMP and slightly more moly.									
		136.4m 1.7cm qtz vein 20° to C.A. Barren										
		The QMP within the dike appears to be better mineralized than the dike but not to any great degree. In the last 2m of this section the dike has been cut by hairline veinlets of carbonate usually at a high angle to the C.A. Disseminated throughout there are Trace amounts of a F/g fluorescent mineral.										
136.75	177.5m	Qtz Monzonite Porphyry Sericitic Alteration 6b										
		Scattered thoughout, a few of the biotite phenocrysts exhibit chl alteration. The QMP has a strong stockwork throughout and in places very strong silicification. Most of the qtz veining is <5mm. However there are a few qtz veins which are greater than 1cm scattered throughout.	136.75m - 154.0m 0.05 - 0.10% moly									
		Between 144.1 - 148.0m there are several Biotite Feldspar Porphyry fragments. Fragments are up to 70cm in size. The contacts between the QMP and dike fragments are not very sharp. The change from a chloritic alteration in the dike to sericitic alteration adjacent to the boundary of the dike and in the QMP is sharp. However, where the dike stops and the QMP starts is in sericitic alteration zone and the contact appears gradational.	≍1% Py									
		142.3m 1cm qtz vein 30° to C.A. Barren										
		142.9m Two cross cutting qtz veins are at 50° to C.A. Both veins have moderate moly associated.										

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PROPERTY Red Mountain   HOLE NO. RMY 81-23

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
136.75	177.5m	Cont'd:	VISUALLY EST. moly					
		149.2m 5mm qtz vein 10° to C.A. 20% Py associated 151.8m 18mm qtz vein 30° to C.A. Barren	154.0 - 177.5m					
		At 153.5m there is a 2mm coating of a pale blue to a bright blue mineral. The mineral appears to be relatively hard ≳ 5 and is translucent. The pale blue mineral looks like dumortierite	0.10 - 0.12% moly					
		156.8m weak to moderate chlorite alteration for 30cm	2% Py					
		159.5 Two parallel qtz veins down C.A. for 40cm. Veins are 3 - 4mm wide with good moly associated.						
		162.4m 7mm qtz vein 0° to C.A. for 70cm Vein has good moly selvages.						
		165.5 - 166.6m Chlorite alteration with weak k-spar as flooding.						
		168.4 - 169.0 chlorite alteration with weak k-spar as flooding						
		169.9 - 170.0m Bi-Feldspar Porphyry Dike upper contact 45° to C.A. Lower contact appears gradational.						
		171.2m 20cm fragment of dike. Contacts irregular.						
		171.8m 1cm qtz vein 0) to C.A. for 30cm. Vein has Tr moly associated. Vein is also cut by a 3mm qtz vein at 80° to C.A. Vein has Tr. Py.						
		172.3 - 173.3m Good chlorite alteration with some fresh secondary biotite Strong silification associated.						
		175.6m 1 - 2cm qtz vein 0° to C.A. doe 30cm moly occurs as selvage to vein.						
		176.4m Two qtz veins, one 1cm wide and at 45° to C.A., the other is 1 - 1.5cm wide and at 0° to C.A. for 50 cm. Both have minor moly associated.						
		A number of the fractures in the section 136.75 - 177.5m have a thin coating of moly associated.						
177.5	217.0m	Quartz Monzonite Porphyry: Variable Alteration 6b, 6a						
		The rock is mainly sericitic Quartz Monzonite Porphyry with a few short sections of chloritic QMP with an occasional weak Potassic section.						
		The QMP has a good stockwork developed throughout as well as strong silicification.						
		At 205.0 - 206.0m there is a Qtz Eye Feldspar Porphyry Dike. Lower contact sharp at 90° to C.A. The dike consists of 40 - 50% <1 - 3mm fresh feldspar phenocrysts, 1 - 4% 3 - 5mm Qtz eyes and 1 - 2% sericitic biotite phenocrysts. The dike is a dark gray in colour and extremely siliceous. The dike is related to the Q.E.D The dike has no qtz veining or fluorescent minerals. However, there is about 3% F/g disseminated Py.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
177.5	217.0m	Cont'd:	VISUALLY EST. Moly					
		From 197 - 216.0m much of the QMP appear to be a breccia with angular fragments of QMP up to 10cm. Fragments of mineralized qtz veining are also present. The fragments are cemented together by silicification and pyrite mineralization. This breccia has been cut by later qtz stockwork, at least two episodes, both of which have some moly associated.	177.5 - 217.0m 0.05 - 0.10% Moly 7 - 10% Py					
		177.5 - 180.5 Broken core with several 1 - 5cm gouge zones down C.A.						
		178.0 - 178.8 Strong chloritic alteration. Contacts are gradational.						
		183.0m 40cm of chlorite alteration with weak potassic alteration as flooding and as vein selvages.						
		178.4m 1.4mm qtz vein 45° to C.A. Barren						
		180.3m several parallel qtz veins 5 - 7mm wide 10° to C.A. Minor moly associated.						
		183.6m 4mm qtz vein broken and down C.A. for 20cm, good very fine grained moly associated.						
		184.15m 5mm qtz vein 30° to C.A. Good moly as selvage to vein.						
		185.1 - 186.0m Gouge and broken core. Gouge is at a low angle to C.A.						
		186.0 -187.5 1cm mud seam						
		187.6 1cm mud seam						
		193.5 - 195.0m Broken core with several short gouge zones down the C.A.						
		194.4m 1cm mud seam 0° to C.A. for 30 cm.						
		195.9n 10cm gouge 45° to C.A.						
		188.8m 6mm qtz veins at 0° to C.A. for 40 cm. Vein has good moly selvages.						
		190.7m 1 - 2 cm qtz vein 0° to C.A. 1.1meters.						
		190.9m 1cm qtz vein 30° to C.A. Barren						
		At 191.0m 1cm by 6cm bleb of pyrite in vein cutting the one mentioned above at 0° to C.A. Vein down C.A. has Trace Pyrite and moly associated.						
		196.5 - 197.4m Gouge and broken core						
		198.1 - 198.5m gouge and Broken core						
		199.7 - 201.0m gouge down C.A.						
		202.4m 1cm gouge 50° to C.A.						
		203.5m .0cm broken						
		From 208.5m - 216.0m ≈ 60% core is gouge or recemented gouge.						
		210.9 Several 1cm square late pink k-Feldspar fillings in the breccia. Within the gouge zone there is a moderate alteration of the fedlspar to kaolite and the majority of the pyrite occurs as a matrix.						
		Throughout this section from 177.5m - 217.0m there is trace amounts of a F/g disseminated fluorescent mineral. Scheelite? There is stronger than usual concentrations between 190.0 - 205.0m. Very strong occurrence and m/g at 203.4m associated with a calcite vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
217.0	253.0	Qtz Monzonite Porphyry: Sericitic 6b	VISUALLY EST. Moly					
		The majority of this section appears to be an intermineral breccia. The breccia has been cemented by silicification and pyrite. From 220 - 225.0 there appears to be little brecciation and the percentage of pyrite decreases.	217.0 - 220m 0.05 - 0.08% Moly 5% Py					
		The QMP has very strong sericitic throughout, and a moderately developed qtz stockwork. Most of the veins in the stockwork are < 4mm wide and generally have only weak moly associated. There are a number of qtz fragments in the breccia and some of which have moly mineralization associate. Fragments vary in size from < 1cm to several centimeters. There are at least two sets of qtz veining that are past brecciation.	220.0 - 225.0m 0.05 - 0.08% Moly 2 - 3% Py					
		The QMP is a pale whitish green in colour with weak chlorite alteration of some of the biotite phenocrysts. Over all, however, there is strong sericitic alteration.	225.0 - 253.0m					
		225.0m 1cm gouge 30° to C.A. 225.0 30cm broken 225.9m 5cm gouge 45° to C.A.	0.05 - 0.08% Moly 5 - 10% Py					
		Most of the pyrite present in this section occurs as fracture fillings and is c/g.						
		234.60m 10cm of c/g py 234.85m 1cm by 2cm bleb of pink feldspar in a fracture						
		From 230.0m some of the fragments appear more chloritic than sericitic.						
		Throughout narrow 1mm selvages of kaolinite are associated with the qtz vein and fractures.						
		Associated with pyrite at 234.1 to 241.2m is a translucent calcite which occurs as a fracture filling. The calcite fracture fillings are usually < 1cm square.						
		249.0 1cm and 5cm pink K-feldspar as a fracture filling. Minor calcite associated.						
253.0	265.1m	Qtz Monzonite Porphyry: Sericitic: 6b						
		The main difference between this section and the one above is there is much less pyrite and there are larger sections which don't look brecciated.	253.0 - 265.1m 0.08 - 0.10% Moly 2 - 3% Py					
		The qtz stockwork is moderately well developed. The veins are a bit wider and the amount of moly associated appears to be slightly better than in the section above.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
253.0	265.1m	Cont'd:										
		258.4m 30% Py for 10cm associated with a qtz vein.										
		261.71m two parallel qtz veins 1.2cm and 2.0cm wide. 50° to C.A. Both veins have good moly associated.										
		262.4m 30cm of chlorite alteration. Feldspar is fresh looking as is some of the biotite. Contacts are gradational and there appears to be a weaker stockwork associated.										
		264.0 - 264.7m 1cm qtz vein down C.A. Moderate moly associated.										
265.1	288.9m	Fault Gouge Zone: 6b										
		Part of this gouge zone has been healed by silicification. Upper contact sharp at 30° to C.A. Associated with the upper contact. The gouge zone is intermineral as there are broken qtz veins within the gouge as well as occasional 1 - 2mm wide qtz veins cutting the recemented gouge.										
		Within the gouge zone about 60% of the core consist of gouge material, dark gray mud and highly broken core. The remainder has been healed by silicification.										
		The qtz stockwork is only moderately developed with the majority of the qtz veins being < 5mm. Moly is associated with many of the qtz veins and with a number of fractures.										
		269.1m 1cm qtz vein 5° to C.A. Strong moly associated.										
		271.7m two parallel 8mm wide qtz veins. 45° to C.A. Good moly associated.										
288.9	298.2	Quartz Monzonite Porphyry: Sericitic Alt: 6b	VISUALLY EST. Moly									
		Lower contact is sharp at 90° to C.A. Throughout this section there are several short weak chloritic zones. Contacts with the sericitic alteration are gradational.	288.9 - 292.0m									
		This section has two highly broken and gouge zones. These occur at 292.4m 25cm Broken and gouge	0.10% moly									
		296.5 - 279.0m Broken and gouge zone minor gouge	2 - 2 1/2% Py									
		The QMP has a good stockwork with a few qtz veins which are > 5mm in width, and has strong silicification throughout.										
		Fractures are quite numerous and vary from down C.A. to a high angle to it.										
		291.5 1cm qtz vein 5° to C.A. good moly throughout vein.										
		293.05m 5mm qtz vein 15° to C.A. Strong moly as selvage										
		295.0m 2cm qtz vein 40° to C.A. 5 - 10% Py										
		296.45 m 5mm to 2cm qtz vein 30° to C.A. moderate moly associated.										
		297.4m 8mm qtz vein 5° to C.A. moderate moly and 10% Py Vein cuts a 4mm qtz vein at 50° to C.A. with a good moly selvage and 5 - 10% Py.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
298.2	301.15m	Qtz Eye Feldspar Porphyry: 7c	VISUALLY EST. Moly									
		This unit is closely related to the qtz eye diorite. Lower contact sharp at 30° to C.A. The unit is m/g and light to medium gray in colour.	298.2 - 301.15m									
		The dike is composed of 50% < 2mm white and relatively fresh looking feldspar phenocrysts. 5 - 10% < 3mm qtz eyes and about 1% < 2mm muscovite plates. The dike has about 5%py as stringers and disseminations.	No Moly 5% Py									
		298.95m 5cm gouge 30° to C.A. The dike is a dark gray adjacent contacts and the biotite is chloritic.										
		There is no qtz stockwork at moly mineralization associated with the dike. A few fractures have trace amounts of a pale pink mineral. The mineral is softer than feldspar but harder than calcite.										
301.15	325.8m	Qtz Monzonite Porphyry: Sericitic Alt. 6b										
		The QMP has strong sericitic alteration throughout with a few sections exhibiting weak chloritic alteration.										
		From 301.15m to 308.0m the QMP is quite competent with few fractures.	301.15 - 325.8m									
		From 308.0 - 311.95m severe 1cm to 20cm gouge zones usually with black mud seams associated. The gouge zones are usually < 40° to C.A. From 311.95 - 325.8m the core is the same as 301.15 - 308.0m.	0.05- 0.08% Moly									
		Scattered throughout this section are a number of carbonite blebs . The largest occur at 303.75m and 306.9m There are also trace amounts of pink late secondary feldspar throughout this section. Blebs are usually < 1cm square.	2 - 3% Py Slightly more Py is associated with the gouge zone.									
		Between 301.15 - 305.0m and 312.0 - 325.8m there are a number of short < 1m sections which look brecciated and recemented by silica. Stock work is fairly weak in these sections. There are numerous qtz fragments varying in shape from rounded to angular. However it is difficult to recognize true QMP fragments. The breccia is inter mineral since there are mineralized qtz fragments in the breccia, as well as the breccia being cut by later mineralized qtz veins.										
		This section of the QMP appears to have slightly less moly mineralization than in the section of QMP above the dike.										
		306.5m Two parallel qtz veins 1.0cm and 1.5cm wide, 30° to C.A. 10% py and tr moly in the first vein and tr moly and no py in the second.										
		314.3m 5mm py stringer down C.A. for 50cm										
		315.6m 5cm irredular shaped blebs of py										
		316.0m 2cm by 12cm barren qtz fragment										
		323.45m 10cm gouge										
		324.0m minor late pink K-spar										
		324.05 - 324.3m two 4cm by 10cm irregular blebs of py										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
325.8	459.15	Qtz Eye Diorite: Sericitie 7a										
		Upper contact is broken. THE QED is a pale greenish gray in colour and consists of up to 60% 1 - 2mm sericitic feldspar phenocrysts, up to 10% 3 - 5mm qtz eyes and 1 - 2% sericitic biotite phenocrysts.										
		THe QED has strong sericitic alteration and good silicification throughout. The upper contact for 1 - 2m is brecciated and consist of fragments of sericitic QMP and QED. Beyond 327.0m there is only QED.										
		Sections of the QED are quite massive while other sections are either fault gouge zones or zones of broken core.										
		327.2 - 327.8m Lower contact is gouge and at 29° to C.A. About 20cm ground.										
		329.0 - 329.5m Broken core										
		329.7m 30cm of broken core.										
		335.0 - 336.7m broken core. Last 30cm gouge at 5° to C.A.										
		342.85 - 346.45m 100% gouge U.C. and L.C. sharp at 30° to C.A.										
		364.0 - 369.7m About 70% broken core										
		378.2 - 378.6m Broken core minor gouge										
		Pyrite occurs throughout as disseminations and stringers. There are no qtz veining or moly present in this section.										
		At 341.1m 1mm coating of a soft transparent mineral. It is not calcite, but may be gypsum.										
		In the fault gouge zone 342.85 - 346.46m The first 30cm is a dark gray mud seam.										
		From 346.8m - 351.0m there are pyrite and qtz fragments scattered throughout the QED. The fragments vary in shape from rounded to square and consist of <1mm to 2mm qtz eyes in a pyrite materal. Fragments vary in size from <1cm to 2cm and there are approximately 3 - 5 fragments per meter. This section of QED containing the fragments has a reddish tinge to it. At 348.4m and 350.0m there are 60cm sections which look brecciated.										
		Some of the fragments are angular and received little movement. The matrix appears to be a finer grained QED. No qtz veining appears to be present.										
		At 357.85m 2mm of silicification adjacent to a fracture.										
		Scattered throughout are tiny 1mm disseminated specks of a bleb mineral possibly galena. A number of fractures usually 30° to C.A. have minor carbonate associated.										
		363.1 - 363.8m Stronger than usual pyrite. The pyrite occurs as disseminations and stringers along fractures.										
		373.2m 60cm of chloritic QED										
		374.6 - 375.2 10 - 15% stringer Py.										
		375.15m 2cm by 1cm of pink k-spar associated with py.										
		376.1m 3mm carbonate vein 40° to C.A.										
		378.8m carbonate vein 0° to C.A. for 30cm.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
325.8	459.15m	Cont'd:										
		384.3 - 385.1m Broken core with about 20% ground 381.8m irregular 7cm bleb of Py with minor calcite associated. 384.25m Irregular 3cm bleb of Py. 389.8m - 390.05m chloritic QED. Gradational contacts. Biotite is only weakly chloritic. Chlorite alteration appears to be better developed in the ground mass. From 397.5m - 407.1m and 409.3 - 412.5m the feldspars in the QED saussuritized rather than sericitic. Both the feldspar phenocrysts of the matrix are a bright green colour, rather than a paler green observed in the sericitic sections. The biotite phenocrysts are still sericitic. Contacts are gradational. 403.8m Tr disseminated chalcopyrite. 408.1m 20cm broken core, minor gouge 410.1m 20cm broken core 412.5m 3mm carbonate vein 40° to C.A. Barren. Note: 412.6 - 416.8m core mixed. Core Box was upset!										
		414.0 - 416.6m mainly broken core 419.9m - 425.3m fault zone, partly recemented. L.C. sharp at 20° to C.A. minor dark gray to black mud associated with the fault zone. The gouge zone has very strong sericific alteration and weak iron staining associated.										
		419.1m several 1 - 2mm carbonate stringers 10 - 15° to C.A. 420.05m 3mm carbonate vein 10° to C.A. 428.3m 3mm " " 20° to C.A. 427.5 - 430.2m groundmass appears chloritic, however the biotite phenocrysts are still sericitic. 432.6 - 437.4m strong chlorite alteration 431.05m 5mm quartz vein 10° to C.A. Barren. There is a calcite selvage to vein. 433.4 - 437.45m strong sericite alteration. Both feldspars and groundmass a pale green color. 437.45m 10cm of chloritic QED. Both the biotite and plagioclase phenocrysts have been altered. A few of the feldspar phenocrysts are fresh looking. 440.4m 30cm of broken core of which 15cm are ground core. 442.6m 20cm of weak chlorite alteration. 444.8 60cm of fractures down C.A. with slickensides developed. 445.9 - 447.3m and 448.2 - 448.7 Broken core 450.9m 3mm qtz vein 15° to C.A. Barren 452.3m weak chloritic alteration for 10cm. Some of the biotite phenocrysts are chloritic.										

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PROPERTY Red Mountain   HOLE NO. RMY 81-23

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
325.8	459.15	Cont'd:	VISUALLY EST. Moly.					
		456.0m 10cm of broken core 456.8m 40cm of broken core	325.8 - 459.15m					
		459.15 lower contact of QED is at 20° to C.A.	nil Moly 3 - 5% Py					
459.15	472.6m	Fault Gouge Zone Contact Breccia 6b, Minor 7a						
		Lower contact sharp at 5° to C.A. The fault zone is about 70% gouge material with the remainder consisting of recemented gouge, qtz fragments (some of which are mineralized) and short sections of fragmented but not ground QMP. At the upper contact the gouge is a mixture of sericitic QED, sericitic QMP and 95% gouge material. The same assemblage occurs at the lower contact. Also associated with the upper contact are several 5 - 10mm mud seams and pale pink k-spar fracture fillings. The first 3m and last 2m are mainly gouge. The core in between consist of sericitic QMP with short 10cm sections of chloritic QMP separated by sections of gouge material.	459.15 - 472.6m					
		The gouge is past moly mineralization. There is a moderate stockwork in the QMP which isn't gouge and weak moly mineralization is associated.	0.05% - 0.08% Moly < 1% Py					
		465.25m two parallel qtz veins 3mm and 1mm 30° to C.A. Moly as selvage to vein. 459.0 - 462.0 m minor ground core.						
472.6	477.8m	Qtz Eye Diorite: Chloritic Alteration 7b						
		Lower contact sharp at 10° to C.A. 3 - 5 cm of gouge at lower contact.						
		The QED is a medium green in colour. The dike is sericitic for the first meter at the upper contact. The chloritic QED consists of 30 - 50% soft white feldspar phenocrysts, grading into fresh looking feldspar phenocrysts by 476.2m, and 5 - 10% 3 - 8mm qtz eyes, in a fine grained and medium green chloritic matrix.						
		The dike has no qtz veining, however, there are a number of carbonate stringers scattered throughout.	472.6 - 477.8m					
		At 474.9m Two parallel carbonate veins 2mm and 4mm wide and down C.A. for 40cm. Veins are barren.	Nil Moly ≃ 2% Py					
		474.7 - 477.8m Fractures down C.A. and broken core.						
477.8	484.4m	Quartz Monzonite Porphyry: Variable Alteration 6						
		Lower contact is brecciated over the last 60cm of this unit. The upper and lower contacts of this unit are sericitic.	477.8 - 484.4m 0.05 - 0.08 % Moly					
		In between there is mixed alteration consisting of sericitic interspersed with short sections of chloritic some of which have weak	<1% Py					

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
477.8	484.4m	Cont'd:	VISUALLY EST. Moly									
		Fresh secondary biotite is associatedwith the potassic alteration. The potassic alteration is very weak and occurs as narrow 1 - 2mm selvages of veins and fractures.	484.4m - 496.0m									
		The QMP consist of 30 - 60% 1 - 4mm sericitic or chloritic feld-spar phenocrysts, 5% 1 - 3mm qtz eyes, 2 - 3% biotite which is either sericitic chloritic or fresh. The matrix is fine grained and is either chloritic or sericitic.	0.05 - 0.08% Moly ≈1% Py									
		The qtz stockwork in the QMP is only weak to moderately well developed. Most qtz veins are <5mm in width and only weakly mineralized.										
		480.3m 25mm qtz vein 45° to C.A. Barren.										
		480.8m 2cm qtz vein 45° to C.A. good moly associated.										
		481.55m 15mm qtz vein 40° to C.A. Tr Moly										
		483.0m 5mm qtz vein 5° to C.A. good moly along vein selvage.										
484.4	516.7m	F/g Very Siliceous Dark Grayish Brown to Pale Green, Biotitic to Sericitic Hornfels 4, 3										
		From 484.4m - 488.5m the hornfels are biotitic										
		From 488.5m - 496.0m the hornfels are sericitic with short 10 - 30cm sections of Biotite hornfels.										
		495.6m 30cm of gouge										
		Foliation is strong at 40 - 60° to C.A.										
		The hornfels has very strong silicification throughout. There are a number of large <2cm qtz veins present. However, a true stockwork is only weakly developed.										
		484.8m 25mm qtz veins 30° to C.A. Good moly in center of vein.										
		485.05m 2cm of qtz vein 45° to C.A. Barren.										
		485.6 - 486.0 60% silica with 40% hornfels fragments and Barren.										
		489.5m 60cm of 85% silica at 70° to C.A. good moly stringers associated.										
		490.3m 2 - 3cm qtz vein 45° to C.A. Barren, Vein is cut by a 1mm vein-let of white k-spar.										
		491.4m 5cm qtz vein 45° to C.A. Barren.										
		492.2 - 493.7m 50% qtz with remainder sericitic hornfels fragments. Good moly at 492.5m occurs in a fracture 0° to C.A. for 30cm.	496.0 - 507.0m									
		494.2 - 495.0m 60% silica moderate moly assoicated as stringers in the silica.495.25m 7cm qtz vein 60° to C.A. Minor stringer moly in vein.	0.05 % Moly									
		496.85m 15cm broken	1 - 2% Py									
		500.7m 30cm gouge and recemented broken core 45° to C.A.										
		501.45 - 503.5m Fault breccia, with a number of <10cm gouge zones, generally <45° to C.A. Minor pale pink k-spar occurs as a fracture filling.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
484.4	516.7m	Cont'd:	VISUALLY EST. Moly					
		At 502.95 m minor pale pink k-spar as a fracture filling. Fragments are rounded toangular and vary in size from <1cm to 5cm. Matrix is either ground rock or qtz. The breccia is past mineralization.	507.0 - 516.7m 0.05 - 0.08% Moly ≈1% Py					
		503.5 - 504.0m 60% silica and 40% sericitic hornfels fragments. The silica has a 2cm thick mud seam at 0° to C.A. for 30cm assoicated with it.						
		506.2 - 507.6m fault gouge 45° to C.A. 508.4m 20cm gouge						
		508.75 - 509.8m chloritic qtz monzonite porphyry, with potassic alteration, strong secondary biotite throughout.						
		Lower contact sharp 50° to C.A. The QMP has a moderate stockwork developed. Minor carbonate veinlets are associated with the qtz veining. No anhydrite or gypsum were noted. There is strong silicification in the QMP.						
		~~508.7m 23mm qtz vein 35° to C.A. Moly occurs as a selvage to vein.~~ ~~509.0m 4cm qtz vein 50° to C.A. Moderate moly associated.~~ 509.2 m 3 - 5cm qtz vein 60° to C.A. minor moly associated 509.5 1mm coating of moly on a fracture 30° to C.A.						
		Below the QMP the hornfels are biotitic and there appears to be an increase in the moly mineralization.						
		511.3m Broken qtz vein down C.A. for 25cm good moly associated. 511.5m 1mm k-spar vein (white) 45°° to C.A. The biotite hornfels are weakly brecciated and strongly silicified. Moderate chlorite alteration is associated with the biotite hornfels.						
		514.5 - 515.6m qtz vein down the C.A. and silicification. About 50% silica and 50% hornfels. The qtz vein down the C.A. has moderate moly along vein selvage.						
516.7	558.4m	Qtz-Eye Diorite 7a: Mixed with Sections of Sericitic and Biotitic Hornfels 3, 4.						
		516.7 - 518.7m sericitic QED with short 10cm sections of chloritic QED. Lower contact 60° to C.A. Hornfels adjacent to contact are sericitic. Upper contact is in a qtz vein. The QED has no qtz veining or moly mineralization. There is about 2% Py in the QED						

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FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS				
From	To				From	To	Length					
484.4	516.7m	Cont'd:	VISUALLY EST. Moly									
		The hornfels within 10cm of the contacts with the QED are brecciated and recemented with silica.	516.7 - 518.7m									
		518.7 - 521.2m Biotite hornfels; same as above. Lower contact broken but appears to be about 40° to C.A.	No Moly									
			2% Py									
		520.4m 5cm qtz vein 45° to C.A. Barren										
		518.7 - 521.2m weak qtz stockwork and weak moly mineralization										
		521.2m - 527.5m M/g QED Porphyry strong sericitic alteration. Upper 60cm of unit is chlorite and broken, with fractures down the C.A. Lower contact sharp but irregular 30 - 60° to C.A.	518.7 - 521.2m									
		523.5 - 523.95m Two 5cm gouge zones 15° to C.A. Minor red hemitite associated.	< 0.05% Moly									
		523.4 2cm by 5cm by 3mm qtz vein on surface of core.	1 - 2% Py									
		525.05 - 526.4 Fault gouge, low angle to C.A.										
		The QED has no qtz stockwork or associated moly mineralization.										
		527.5m - 528.0m sericitic hornfels										
		Hornfels has very strong sericitic alteration. The rock is a medium green to a pale green. The first 25cm of this section is a contact breccia. Fragments are angular and vary in size from < 1cm to 5cm.										
		Contact with the biotite hornfels below is sharp at 60° to C.A. Qtz is the matrix in the breccia. There is no usable moly.										
		528.0 - 533.4 m Hornfels. From 528.0 - 531.0m Biotite hornfels.										
		531.0 - 533.4m sericitic hornfels. Lower contact sharp at 50° to C.A. The hornfels has only a weak qtz stockwork, however there are several large qtz veins, most of which are barren.										
		530.2 - 531.2m 5qtz veins all < 3cm in width and 45° to C.A. All are barren.										
		531.25 - 531.5 qtz vein with several sericitic hornfels fragments.										
		532.35m 60cm of qtz and hornfels fragments. About 60% qtz.										
		533.1m 10cm QED fragment sericitic.										
		531.2 - 534.1 2.9 meter bright pink k-spar structures in the core.										
		533.4 - 536.5m sericitic QED. The last 1.4m of this section is fragmented, with fragments of qtz eye diorite up to 60cm separated by fragments of sericitic hornfels										
		534.6 - 575.0m Broken core with minor gouge at 45° to C.A. The QED has no qtz veining or moly mineralization.										
		536.5 - 5441.m Sericitic hornfels. Lower contact broken. Foliation is strong at 1 - 40° to C.A.										
		539.4 - 539.8m Broken core										
		542.3 - 544.1m broken core with 40cm of gouge at 10° to C.A. towards 544.1m										

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
516.7	558.4m	Cont'd:	VISUALLY EST. Moly					
		541.5m 8cm QED fragment in hornfels. The fragment is seritic and is surrounded by qtz.	521.2 - 527.5m Nil Moly 2% Py					
		The sericitic hornfels has several mineralized qtz veins. Most qtz veins are large and the stockwork is only very weakly developed. The hornfels adjacent to veins is open brecciated.						
		537.25m 10cm of irregular shaped qtz with moderate moly associated. 538.05 m 3.5cm qtz vein 70° to C.A. minor moly associated. 538.50m 20cm of qtz and hornfels fragments, cut by several 2 - 3mm pink k-spar veins. Weak to moderate moly associated with the qtz. 539.3 - 540.2m qtz and hornfels fragments, about 40% qtz. Good moly associated. 541.6 m qtz either side of a QED fragment. 2cm above fragment and18cm below. Moderate moly associated with qtz below fragment. Qtz above QED fragment is barren. Vein is cut by a lake k-spar and qtz vein. 3 - 5mm wide and at 20° to C.A. and barren. 543.9m large pink k-spar vein, about half of core for 30cm.	527.5 - 533.4m 0.05% Moly 1 - 2% Py					
		544.1 - 558.4m Qtz eye diorite. Sericitic. The QED consist of 50 - 60% 2 - 5mm feldspar phenocrysts, 10% qtz eyes up to 8mm in diameter and trace sericitic biotite in a f/g matrix. 545.1m large pink k-spar vein and fracture filling down C.A. for 60 cm. Minor carbonate associated with the k-spar. 549.55m Two parallel qtz veinlets, 2mm in width and 45° to C.A. Barren. 549.5m 2cm of gouge 45° to C.A.	533.4 - 536.5m Nil Moly 3 - 5% disseminated Py					
		The QED has a number of fractures with thin coating, of transparent calcite associated. At 554.4m a 2 - 3mm growth of calcite crystals on a fracture.	536.5 - 544.1m 0.05 - 0.08% Moly					
		No k-spar is present below 549.2m	2% Py					
		From 550.1 - 558.4m the feldspar phenocrysts and matrix are a bright green colour rather than a pale green as above. The QED has no moly mineralization and only tr Py.						
	558.4m	E.O.H.						

DDH RMY-81-24

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	Red Mountain	LATITUDE	L 6 + 25W	STARTED	July 16th, 1981
HOLE NO.	RMY 81-24	DEPARTURE	0 + 30N	FINISHED	July 31st, 1981
BEARING	Vertical	ELEVATION	1641m (5384')	LENGTH	656.2m (2153')
DIP-COLLAR	-90°	SECTION		LOGGED BY	P. Brown

DIP TEST

Ft Footage M	Corrected		Footage	Corrected		Footage	Corrected
420'(128.0)	89°	213°	1590'(484.6)	-89°	316°		
808'(246.3)	87°	238.5	2032'(619.4)	-88°	312.5°		
1204'(367.0)	87°	237.5°					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	6.4	Casing, Triconed: Overburden, and Broken Rock	
6.4	84.6	Quartz Monzonite Porphyry: Oxidized 6b	

The QMP is very strongly oxidized throughout, and the core is a limonitic yellow to pale cream in colour. Much of the core in this section is highly fractured; however, there are only few gouge zones.

The unit is typical QMP with very strong sericitic alteration. A few short sections exhibit weak chlorite alteration. Between 6.65m and 8.0m there are several up to 10cm wide sericitic hornfels fragments. The fragments are foliated and represent 20% of the core.

The QMP consist of 50 - 60% <1mm to 6mm pale cream to light green sericitic feldspar phenocrysts, up to 5% sericitic biotite feldspar phenocrysts and 3 - 5% <5mm qtz eyes in a fine grained sericitic groundmass. The chloritic sections are often <30cm in length and have gradational contacts with the sericitic QMP.

From 6.4m to 33.5m there is a good qtz stockwork development and very strong silicification throughout. Most qtz veins are < 5mm in width and many are vuggy when pyrite and possibly moly have been removed by groundwater. A number of fractures have a selvage of weak to moderate kaolinite alteration.

Broken core zones and gouge zones occur at:6.4 - 7.5 m highly broken.

10.0 - 10.3 Broken core, 5cm gouge 10° to C.A.
12.0 - 12.6m Broken core
13.3 - 14.2 " "
21.3 - 21.5m " "
24.6 - 25.1m " "
26.5 - 26.8m Broken core and 3cm of gouge 5° to C.A.
27.0 - 30.0m Broken core and fractures down C.A.
38.6 - 39.1 Fractures down C.A.
44.0 - 46.6 Broken core
47.7 - 50.7 " "
51.9 - 52.4 " "
52.7 - 55.2m Broken core
57.5 - 58.0 Fractures down C.A.

The oxidization is strongest along fracture. However, it penetrates the entire rock.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
31	C 26	6.4	9.0	2.6	.054	32	--	--	3
45	27	9	12	3.0	.070	24	46	24	8
30	28	12	15	3.0	.048	16	--	--	4
45	29	15	18	3.0	.051	20	28	16	6
68	30	18	21	3.0	.043	24	--	--	3
77	31	21	24	3.0	.042	36	36	26	2
47	32	24	27	3.0	.042	32	--	--	3
7	33	27	30	3.0	.044	20	32	16	2
52	34	30	33	3.0	.036	44	--	--	2
40	35	33	36	3.0	.037	60	610	44	3
50	36	36	39	3.0	.036	24	--	--	3
70	37	39	42	3.0	.049	24	28	16	2
52	38	42	45	3.0	.039	16	--	--	2
25	39	45	48	3.0	.026	20	32	18	<2
22	40	48	51	3.0	.043	16	--	--	2
55	41	51	54	3.0	.051	36	60	16	4
58	42	54	57	3.0	.061	76	--	--	5
63	43	57	60	3.0	.036	72	52	20	3
73	44	60	63	3.0	.043	60	--	--	6
45	45	63	66	3.0	.046	40	58	20	7
55	46	66	69	3.0	.062	96	--	--	3
45	47	69	72	3.0	.021	156	32	66	2
57	48	72	75	3.0	.069	116	--	--	<2
58	49	75	78	3.0	.027	240	30	130	2
17	50	78	81	3.0	.040	560	--	--	3
42	51	81	84	3.0	.041	510	44	154	7
22	52	84	87	3.0	.068	2000	--	--	4
45	53	87	90	3.0	.041	200	36	106	5
42	54	90	93	3.0	.071	260	--	--	4
27	55	93	96	3.0	.042	400	40	48	<2
18	56	96	99	3.0	.097	336	--	--	23
20	57	99	102	3.0	.098	340	38	50	18
50	58	102	105	3.0	.136	440	--	--	17
28	59	105	108	3.0	.064	640	32	58	14
32	60	108	111	3.0	.058	660	--	--	22
38	61	111	114	3.0	.044	120	28	120	16
62	62	114	117	3.0	.041	100	--	--	28
63	C 63	117	120	3.0	.037	560	30	128	22

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
6.4	84.6m	Cont'd:	VISUALLY EST Moly
		Trace amounts of ferimolybdite can be seen along fractures throughout the oxidized zone.	6.4 - 60.0m 0.05 - 0.07% Moly
		14.8m 10cm qtz vein 25° to C.A. disseminated Moly	1 - 1 1/2% Py
		22.7m 6mm qtz vein 10° to C.A. disseminated Moly in the vein.	
		33.5 - 39.0m about 20 - 30% sericitic hornfels in the QMP. There is slightly weaker qtz stockwork in the QMP with the hornfels. The hornfels fragments are generally < 10cm in size and randomly distributed. Trace bright green muscovite-apatite at 33.9m.	
		From 39.0 - 43.5 there is weaker sericitic alteration. Qtz stockwork is still weak.	
		52.4 - 53.8m about 40% hornfels fragments in the QMP	
		50.95m 5mm qtz vein 45° to C.A. Trace moly associated.	
		56.2m strong silicified selvage to a fracture 15mm wide. Fracture is down C.A. for 60 cm.	
		From 60.0 - 84.6m the QMP has strong silicification and a moderately developed stockwork;scattered t-hroughout are < 1 - 3cm fragments of sericitic hornfels, < 2% of core. Throughout this section there are irregular shaped patches of weakly to non-oxidized QMP, usually 2cm to 5cm in size. A number of fractures have up to 2cm silicified selvages. The strongest oxidation is always along fracture. The contact between the oxidized and sericitic QMP is gradational. Throughout most veins are vuggy when pyrite and moly have been removed by groundwater.	
		62.55m 1cm qtz vein 45° to C.A. moderate moly along vein selvage	
		64.1m Two crosscutting qtz veins 1cm and 5mm both 39° to C.A. and vuggy. Minor moly occurs along vein selvages.	
		67.5m 40 cm broken core	60.0 - 84.6m
		69.9 - 70.9m Broken core, fracture down C.A.	
		69.4 4mm qtz vein 20° to C.A. Vuggy and 10% Py	0.05 - 0.08% Moly
		75.0 - 77.0 very strong oxidation	1 - 2% Py
		79.5 - 80.5m Broken core fractures down C.A.	
		82.4m 70cm of broken core	
		78.2 - 78.9m weakly oxidized sericitic QMP	
		82.5 m minor disseminated f/g black metallic mineral. Non magnetic. Possibly a zinc mineral.	
		82.8m 2mm pyrite filled fracture with a 1.5cm silicified selvage at 10° to C.A.	
		83.9m 5cm fragment of sericitic hornfels.	

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
45	C 64	120	123	3.0	.035	940	--	--	25
80	65	123	126	3.0	.072	500	28	144	12
70	66	126	129	3.0	.035	280	--	--	26
72	67	129	132	3.0	.030	56	28	78	11
8	68	132	135	3.0	.036	76	46	128	2
23	69	135	138	3.0	.092	104	--	--	< 2
45	70	138	141	3.0	.044	100	34	54	< 2
13	71	141	144	3.0	.047	46	--	--	< 2
12	72	144	147	3.0	.010	232	168	50	< 2
0	73	147	150	3.0	.175	72	--	--	< 2
6	74	150	153	3.0	.090	42	214	240	3
10	75	153	156	3.0	.062	684	--	--	4
15	76	156	159	3.0	.096	20	50	54	6
23	77	159	162	3.0	.138	32	--	--	2
0	78	162	165	3.0	.126	40	38	78	2
10	79	165	168	3.0	.120	32	--	--	3
0	80	168	171	3.0	.129	26	34	38	3
0	81	171	174	3.0	.145	20	--	--	< 2
28	82	174	177	3.0	.136	16	36	40	2
40	83	177	180	3.0	.117	8	--	--	4
48	84	180	183	3.0	.091	16	38	46	3
18	85	183	186	3.0	.075	28	--	--	5
42	86	186	189	3.0	.103	36	30	42	< 2
53	87	189	192	3.0	.119	22	--	--	4
73	88	192	195	3.0	.082	58	28	48	3
68	89	195	198	3.0	.078	22	--	--	3
72	90	198	201	3.0	.069	18	32	38	4
73	91	201	204	3.0	.073	28	--	--	2
32	92	204	207	3.0	.069	60	36	48	2
20	93	207	210	3.0	.075	450	180	60	20
45	94	210	213	3.0	.072	200	--	--	16
65	95	213	216	3.0	.066	44	28	40	10
55	96	216	219	3.0	.074	64	--	--	11
15	97	219	222	3.0	.092	16	28	28	21
52	98	222	225	3.0	.108	8	--	--	15
18	99	225	228	3.0	.164	12	30	32	18
15	100	228	231	3.0	.114	20	--	--	4
23	101	231	234	3.0	.116	28	24	38	3
22	102	234	237	3.0	.158	12	--	--	3
32	103	237	240	3.0	.110	36	24	64	2
43	104	240	243	3.0	.127	8	--	--	4
47	105	243	246	3.0	.083	8	26	32	5
75	106	246	249	3.0	.094	20	--	--	2
42	107	249	252	3.0	.160	8	26	30	3
28	108	252	255	3.0	.149	12	--	--	< 2
65	C 109	255	258	3.0	.084	12	22	32	3

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
84.6	132.0	Light Creamy Gray Sericitic Quartz Monzonite Porphyry 6b	VISUALLY EST. Moly

The QMP varies from weakly oxidized to non oxidized There are a number of fault gouge zones in this section of the QMP, and are generally at a low angle to the C.A. There is also minor ground core associated with some of the gouge zones.

Scattered throughout there are several short sections of sericitic hornfels.

Fault gouge zones and broken sections occur at:
85.8 - 87.3 5cm gouge down C.A. and broken core
91.5 - 93.0m gouge zone 30° to C.A about 80% gouge
93.2 - 94.2 Gouge zone low angle to C.A.
96.6 - 98.6m " " 30° to C.A.
100.1 - 100.6 " " 50° to C.A.
103.8m 5cm gouge zone 30 ° to C.A.
104.5 - 106.0m 50% broken core
106.25m 30cm broken
107.3 - 108.0 Gouge for 40cm, rest broken core, about 20cm ground core.
109.8 - 111.3m Broken core with minor gouge down C.A.
110.9m 10cm gouge 45° to C.A.
111.0 - 112.6 broken core

85.15 - 85.75m sericitic hornfels
87.5 - 88.3 several sericitic hornfels fragments in the QMP
90.2 - 91.5m several sericitic hornfels fragments and minor biotitic hornfels fragments. Hornfels fragments are well foliated. There is about 90% hornfels fragments in the intervals mentioned above.

The QMD consist of 50 - 70% <1mm - 5mm pale cream to light green coloured sericitic, feldspar phenocrysts. 3 - 5% 2 - 5mm qtz eyes and about 5% sericitic biotite in a f/g siliceous groundmass.

The QMP has strong silicification throughout, and a weak to moderate qtz stockwork development. Most veins are 5mm in width. There are at least 3 crosscutting sets of qtz veins. One set of veins are down the C.A. The other two sets are generally <45° to the C.A. Moly occurs as selvages in t-he qtz veins as well as disseminations. It also occurs as coatings along fractures.

The gouge zones present are a dark gray in colour and all contain 1 - 2mm mud seams.

At 98.8m A minor occurrence of a pale blue semi-transparent mineral. Hardness 3 1/2 to 4. The mineral occurs as a fracture filling. It could be celestite.

96.8m Good moly associated with a broken fracture in a gouge zone.
105.0 - 105.4m sericitic hornfels fragment
102.05m and 102.70m 1cm qtz vein 50° to C.A. with disseminated moly associated.

% Mineralization:
84.6 - 101.5m
0.08% Moly
2% Py

101.5 - 114.0m
0.08 - 0.10% Moly
2% Py

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
75	C 110	258	261	3.0	.090	8	--	--	4
50	111	261	264	3.0	.069	16	22	34	2
25	112	264	267	3.0	.124	36	--	--	4
57	113	267	270	3.0	.053	24	14	28	6
65	114	270	273	3.0	.071	28	--	--	2
15	115	273	276	3.0	.082	12	32	26	7
0	116	276	279	3.0	.081	12	--	--	2
0	117	279	282	3.0	.074	36	32	30	2
0	118	282	285	3.0	.086	20	--	--	2
0	119	285	288	3.0	.107	32	26	36	3
0	120	288	291	3.0	.042	44	--	--	3
0	121	291	294	3.0	.082	36	4	28	3
3	122	294	297	3.0	.126	16	--	--	4
0	123	297	300	3.0	.042	8	10	18	2
0	124	300	303	3.0	.074	16	--	--	5
5	125	303	306	3.0	.137	12	16	20	10
0	126	306	309	3.0	.008	16	--	--	<2
7	127	309	312	3.0	.025	8	8	18	2
0	128	312	315	3.0	.128	12	--	--	10
0	129	315	318	3.0	.094	12	4	16	11
0	130	318	321	3.0	.025	8	--	--	< 2
32	131	321	324	3.0	.020	12	22	16	< 2
70	132	324	327	3.0	.114	8	--	--	2
10	133	327	330	3.0	.058	8	4	18	2
47	134	330	333	3.0	.062	4	--	--	2
0	135	333	336	3.0	.085	4	10	21	4
0	136	336	339	3.0	.124	12	--	--	3
67	137	339	342	3.0	.153	12	8	24	3
90	138	342	345	3.0	.093	8	--	--	3
75	139	345	348	3.0	.010	16	12	36	2
50	140	348	351	3.0	.088	12	--	--	4
35	141	351	354	3.0	.147	12	44	68	4
28	142	354	357	3.0	.176	12	--	--	3
52	143	357	360	3.0	.162	48	94	506	3
5	144	360	363	3.0	.174	36	--	--	3
48	145	363	366	3.0	.224	12	22	52	2
43	146	366	369	3.0	.147	20	--	--	3
42	147	369	372	3.0	.174	12	26	52	3
55	148	372	375	3.0	.160	40	--	--	4
40	149	375	378	3.0	.173	48	60	62	8
28	150	378	381	3.0	.145	20	--	--	15
28	151	381	384	3.0	.163	12	18	26	3
53	152	384	387	3.0	.077	12	--	--	13
47	153	387	390	3.0	.118	20	22	34	10
78	154	390	393	3.0	.119	20	--	--	10
93	C 155	393	396	3.0	.134	16	6	24	8

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
84.6	132.0	Cont'd:	VISUALLY EST. Moly

102.2m 1cm qtz vein 45° to C.A. good disseminated moly associated.
105.5m Several narrow 1 - 3mm veinlets of a white mineral along fractures. Mineral is similar to the occurence at 98.8m. Only the colour is different.

From 101.5m the qtz stockwork improves as well as the amount of moly in the qtz veins.
105.9m 3mm celestite veinlet 10° to C.A.
109.2m 5mm qtz vein 30° to C.A. good disseminated moly.
109.9m Broken fracture with strong moly in a gouge zone.
110.0m minor green muscovite. Apatite assemblage
110.6m 1 - 5cm qtz vein 30° to C.A. Minor moly associated

at 132.0m the lower contact of this unit is approximately 30° to C.A. Below the contact there is an extensive fault gouge zone.
115.7 - 116.3m Broken core minor gouge
119.6m 30cm broken core
122.5m - 123.0m " "
127.7m 40cm broken core

The QMP from 114.0m is a pale cream gray to yellowish brown in colour. There is strong silicification and a moderate stockwork throughout. Most veins are < 5mm in width. Some of the qtz veins are still vuggy.

115.9m Broken qtz vein down C.A. with strong moly associated.
From 117.5m - 122.0m about 20 - 35% hornfels inclusions; 122.0 - 132.0m about 50% hornfels inclusions. The majority of the inclusions are sericitic, a few are biotitic, and usually < 10cm in size.

This section of QMP with the hornfels has a higher pyrite content. 3 - 5%. Pyrite occurs as stringers, disseminations and vein fillings.

118.4m 5mm qtz vein 5° to C.A. 50% py
121.4m Fracture down C.A. for 25cm with a py and trace moly coating.
123.0 - 123.7m 10% Py in silicification and as disseminations.

125.0m 30cm of 40% silicification assoicated with the sericitic hornfels.
126.6m Tr bright green muscovite - apatite assemblage.
126.9m 60cm of a mixture of bi hornfels and sericitic hornfels with silification.
127.4m 6.5 cm qtz vein 70° to C.A. Minor py associated.

The sericitic hornfels vary in colour from a pale cream green to a yellowish orange colour. They are always fine grained and siliceous. The biotite hornfels are brown in colour. Both the sericitic and biotite hornfels have good foliation.

% Mineralization:
114.0 - 132.0m
0.08% Moly
3% Py

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
35	C 156	396	399	3.0	.145	12	--	--	10
12	157	399	402	3.0	.082	16	28	76	11
52	158	402	405	3.0	.093	24	--	--	12
85	159	405	408	3.0	.197	32	14	30	12
75	160	408	411	3.0	.352	12	--	--	10
78	161	411	414	3.0	.220	8	18	26	8
42	162	414	417	3.0	.204	12	--	--	12
73	163	417	420	3.0	.193	20	14	26	20
75	164	420	423	3.0	.465	8	--	--	18
33	165	423	426	3.0	.135	16	44	54	11
70	166	426	429	3.0	.177	36	--	--	8
78	167	429	432	3.0	.214	12	42	42	5
82	168	432	435	3.0	.134	12	--	--	10
83	169	435	438	3.0	.226	12	48	44	8
65	170	438	441	3.0	.263	16	--	--	2
82	171	441	444	3.0	.227	12	72	28	42
82	172	444	447	3.0	.300	8	--	--	3
58	173	447	450	3.0	.280	32	--	--	3
38	174	450	453	3.0	.286	16	38	44	2
77	175	453	456	3.0	.223	32	--	--	<2
70	176	456	459	3.0	.194	24	24	28	4
90	177	459	462	3.0	.242	104	--	--	3
50	178	462	465	3.0	.320	12	26	28	5
87	179	465	468	3.0	.325	16	--	--	<2
38	180	468	471	3.0	.295	16	26	18	2
87	181	471	474	3.0	.258	16	--	--	3
58	182	474	477	3.0	.182	36	44	30	2
65	183	477	480	3.0	.238	16	--	--	2
32	184	480	483	3.0	.310	32	24	20	2
55	185	483	486	3.0	.216	36	--	--	<2
22	186	486	489	3.0	.302	20	26	16	<2
50	187	489	492	3.0	.360	12	--	--	4
58	188	492	495	3.0	.386	12	24	28	<2
70	189	495	498	3.0	.358	20	--	--	<2
62	190	498	501	3.0	.272	16	26	48	3
28	191	501	504	3.0	.320	28	--	--	2
65	192	504	507	3.0	.304	16	84	82	7
63	193	507	510	3.0	.300	16	--	--	2
52	194	510	513	3.0	.460	12	34	84	<2
77	195	513	516	3.0	.224	8	--	--	<2
67	196	516	519	3.0	.402	16	44	46	<2
73	197	519	522	3.0	.164	20	--	--	3
38	198	522	525	3.0	.266	16	--	--	3
51	199	525	528	3.0	.380	16	56	40	2
76	200	528	531	3.0	.244	48	--	--	<2 2

FOOTAGE From	FOOTAGE To	DESCRIPTION
84.6	132.0m	Cont'd:
		Moly mineralization appears to be still weak. When present it occurs along fractures with or without pyrite and as selvages or disseminated in qtz veins.
132.0	155.2m	Fault Gouge Zone
		A Mixture of fault gouge; brecciated QMP and hornfels and short 10 - 30cm sections of fairly competent rock. Approximately 70% of this section is fault gouge.
		The fault gouge and brecciation are past mineralization as there are no mineralized qtz veins cutting the gouge material.
		This section consist of sericitic QMP with numerous short sections of sericitic hornfels inclusions. Foliation in the hornfels when it isn't gouge is usually well developed.
		136.4m Minor bright green muscovite-apatite in the gouge.
		Throughout the gouge zones there are a number of 1 - 5cm fragments of unground rock which are surrounded by mud. There are a number of black mud seams scattered throughout. The remainder of the mud in the fault gouge is medium to dark gray in colour.
		132.0 - 135.6m 100% gouge
		135.6 - 140.5m broken core with some brecciation and a number of short <30cm gouge zones which are generally <45° to C.A.
		Qtz stockwork is only preserved in sections which are not strongly broken, which are usually <30cm in length. Here the qtz stockwork is moderately developed.
		139.4 - 140.5 mainly light green sericitic hornfels
		140.5 - 141.4m 100% gouge. Upper contact 40° to C.A. lower contact 45° to C.A.
		141.4 - 141.7m sericitic QMP with a weak qtz stockwork. Veins present have minor moly associated.
		141.7 - 143.8m 90% gouge. Several barren qtz fragments at 143.7m
		143.8 - 147.0m 60 - 70% gouge. This section is a pale green sericitic qtz diorite dike. Upper and lower contacts of the dike are brecciated. The dike when not gouge consists of 40% 2 - 4mm pale cream brown sericite feldspar phenocrysts. 5% 2 - 5mm qtz eyes with minor sericitic biotite in a siliceous pale olive green groundmass. There is no qtz stockwork in the dike and no moly is visible. There are about 2 - 3% disseminated pyrite in the dike.
		147.0 - 153.2m 75% gouge, 10% brecciated QMP and 15% competent QMP.

% Mineralization:

VISUALLY EST. Moly

132.0 - 155.2m

Excluding 143.8 - 147.0 and 153.2 - 155.2m

0.05 - 0.08% Moly

2% Py

143.8 - 147.0m and 153.2 - 155.2m is QED and no moly is present.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
47	C 201	531	534	3.0	.235	80	244	382	<2
70	202	534	537	3.0	.258	32	--	--	<2
59	203	537	540	3.0	.302	36	150	132	3
48	204	540	543	3.0	.322	24	--	--	<2
57	205	543	546	3.0	.280	44	142	288	<2
53	206	546	549	3.0	.282	28	--	--	2
3	207	549	552	3.0	.262	32	78	210	4
22	208	552	555	3.0	.318	48	--	--	7
23	209	555	558	3.0	.260	28	118	242	3
18	210	558	561	3.0	.299	12	--	--	2
34	211	561	564	3.0	.240	20	128	186	8
7	212	564	567	3.0	.194	44	--	--	3
52	213	567	570	3.0	.330	36	202	312	4
78	214	570	573	3.0	.186	32	--	--	4
94	215	573	576	3.0	.264	280	640	296	3
70	216	576	579	3.0	.270	16	--	--	2
73	217	579	582	3.0	.322	20	106	782	<2
91	218	582	585	3.0	.238	12	--	--	<2
68	219	585	588	3.0	.170	16	60	92	12
83	220	588	591	3.0	.202	12	--	--	3
58	221	591	594	3.0	.252	16	48	172	7
60	222	594	597	3.0	.201	16	--	--	4
87	223	597	600	3.0	.198	16	64	54	3
37	224	600	603	3.0	.350	20	--	--	6
62	225	603	606	3.0	.256	24	100	78	2
/72	226	606	609	3.0	.240	12	--	--	20
87	227	609	612	3.0	.202	24	46	74	<2
58	228	612	615	3.0	.158	24	--	--	3
53	229	615	618	3.0	.342	16	120	112	2
53	230	618	621	3.0	.260	12	--	--	2
77	231	621	624	3.0	.206	16	30	64	<2
68	232	624	627	3.0	.222	32	--	--	<2
65	233	627	630	3.0	.165	44	50	104	3
53	234	630	633	3.0	.324	80	--	--	<2
72	235	633	636	3.0	.680	24	106	80	2
77	236	636	639	3.0	.240	16	--	--	5
83	237	639	642	3.0	.658	16	78	84	2
57	238	642	645	3.0	.285	16	--	--	4
42	239	645	648	3.0	.260	20	124	80	3
38	240	648	651	3.0	.204	8	--	--	<2
75	241	651	654	3.0	.260	16	86	130	8
66	242	654	656.2	2.2	.312	20	--	--	6

Cont'd on Page 6

Footage From	Footage To	Description	% Mineralization
132.0	155.2	Cont'd: There are very few hornfels inclusions in this section. At 147.2m 3.5cm band of moly and brecciated QMP at 30° to C.A. From 152.9 - 153.7 5% late pink k-spar veinlets. Good moly appears to be present in the QMP in the unbrecciated sections. 153.2 - 155.2 Medium gray QED The QED is weakly sericitic to almost fresh in short 10cm sections. The upper and lower contacts of this section are brecciated, and about 20% of this section is gouge. There is no qtz stockwork or moly mineralization visible in the QED. About 5% disseminated pyrite is present in the QED. 153.5m Two parallel 5mm to 1cm lenses of black gouge 30° to C.A. In the last 1 meter of this section the core is weakly oxidized.	
155.2	174.5	A Mixture of QMP and Sericitic Hornfels 6b, 3. This sect-ion has strong oxidization throughout, which is increasing in strength down hole. The strongest oxidization is in the gouge zones and along fractures. 155.2 - 166.5 m about 50% gouge. 166.5 - 174.5m about 80% gouge There are about 30% hornfels inclusions in the QMP. The hornfels fragments are irregular in shape andvary in size from 1cm to 10cm. In the QMP and hornfels which isn't gouge and brecciated there is a well developed qtz stockwork, generally with better than usual moly. Both the QMP and hornfels are strongly silicified. 161.2m Irregular qtz vein minor moly assoicated. 162.1m 8mm qtz vein 45° to C.A. good moly as a selvage in the qtz vein. In the section 155.2 - 166.5m the section which are not gouge are still strongly broken with numerous fractures down the C.A.	155.2 - 174.5m 0.05 - 0.10% Moly 2% Py
174.5	188.25	Quartz, Monzonite Porphyry: Sericitic AH. 6b This section has strong to intense oxidation. The QMP is an oxidizec brown colour. There is a reduction in the amount of hornfels inclusions in this section from 30% down to 5 - 10%. There are both sericitic and biotitic hornfels present. The main differences between this section and the one above are: the reduction in the hornfels content and the reduction in the amount of gouge present.	

RQD	Sample No.	Footage-Metres From	To	Length	MoS2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
39	C665	656.2	660	3.8	.245	34			60
93	66	660	663	3.0	.208	20	32	52	35
42	67	663	666	3.0	.362	18			85
73	68	666	669	3.0	.243	12	22	38	320
61	69	669	672	3.0	.182	42			210
52	C670	672	675	3.0	.249	30	44	250	105
49	71	675	678	3.0	.272	14			10
39	72	678	681	3.0	.177	24	30	38	25
68	73	681	684	3.0	.233	12			5
36	74	684	687	3.0	.298	16	22	28	2
40	75	687	690	3.0	.282	16			8
79	76	690	693	3.0	.308	22	76	76	135
47	77	693	696	3.0	.685	30			2000
50	78	696	699	3.0	.287	24	22	24	400
23	79	699	702	3.0	.251	26			2
34	C680	702	705	3.0	.305	38	22	36	<2
8	81	705	708	3.0	.165	16			2
32	82	708	711	3.0	.355	12			3
83	83	711	714	3.0	.220	14	44	58	5
62	84	714	717	3.0	.295	16			2
50	85	717	720	3.0	.236	24	30	50	7
56	86	720	723	3.0	.560	56			6
37	87	723	726	3.0	.286	18	16	28	8
60	88	726	729	3.0	.375	16			3
52	89	729	732	3.0	.400	26	20	32	10
30	C690	732	735	3.0	.360	20			13
53	91	735	738	3.0	.245	40	12	28	11
78	92	738	741	3.0	.167	42			6
72	93	741	744	3.0	.298	32	12	30	4
33	94	744	747	3.0	.355	28			7
48	95	747	750	3.0	.458	22	24	24	4
56	96	750	753	3.0	.516	12			2
47	97	753	756	3.0	.520	88	30	26	3
30	98	756	759	3.0	.298	60			4
63	99	759	762	3.0	.420	24	16	18	2
91	C700	762	765	3.0	.315	16			12
86	01	765	768	3.0	.288	28	20	28	4
93	02	768	771	3.0	.322	70			3
49	03	771	774	3.0	.640	28	16	30	<2

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A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY Red Mountain HOLE NO. RMY 81-24

FOOTAGE From	FOOTAGE To	DESCRIPTION
174.5	188.25m	Cont'd: Between 174.5m - 188.25m gouge occurs as 5cm - 30cm sections separated by 100cm or more of competent rock. 182.4m 30cm not oxidized 184.0m 3cm gouge 45° to C.A. 184.7 - 185.0m Broken core 185.7 - 186.0m " " 187.5 - 187.9m " " 188.1m 3mm qtz vein 5° to C.A., good moly as a vein selvage.
188.25	227.0m	Sericitic Qtz Monzonite Porphyry: 6b Mixed With Sericitic and Biotite Hornfels 3,4 This section contains approximately 30% hornfels inclusions. Short sections of the QMP are chloritic and have gradational contacts with the sericitic QMP. Throughout there are a number of short gouge sections, all of which are strongly oxidized. Strong oxidation also occurs along many of the fractures and as a thick selvage to fractures. Oxidized QMP and hornfels is brown in colour, elsewhere unoxidized QMP is a pale cream green in colour. Biotitic hornfels is a dark brown colour. 190.5 - 190.6 Gouge lower contact 30° to C.A. 198.45m 3cm gouge 40° to C.A. 206.5m 15cm " 20° to C.A. 207.5m 5 - 10 " 30° to C.A. 208.7m 20cm broken core 209.1 - 211.3m gouge 45° to C.A. 217.8 - 220.3m broken core 10cm gouge at the upper contact. 223.2m 30cm gouge high angle to C.A. Followed by 50cm of broken core. 225.4 - 226.6m Broken core with minor gouge at a low angle to C.A. The QMP has strong silicification throughout to locally intense. There is moderate to good stockwork with most veins < 5mm in width. Molybdenum mineralization appears to be slightly better in this section, especially in the sericitic hornfels with few hornfels inclusions. 189.4 - 190.45m strong silicification with good qtz stockwork and moly mineralization. The qtz stockwork has three cross cutting relationships with the oldest and youngest being mineralized. The QMP adjacent to some of the biotite hornfels inclusions have a strong alteration of feldspar phenocrysts to kaolinite. (Eg. 188.25m)

% Mineralization: VISUALLY EST. Moly 174.5 - 183.0m 0.07% Moly 1 - 2% Py

RQD	SAMPLE NO.	From (m)	To (m)	Length	MoS_2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
62	C704	774	777	3.0	.340	12			2
62	05	777	780	3.0	.298	12	16	28	2
48	06	780	783	3.0	.324	34			14
63	07	783	786	3.0	.402	16	18	34	11
65	08	786	789	3.0	.540	12			13
25	09	789	792	3.0	.205	16	16	24	5
43	C710	792	795	3.0	.350	24			6
31	11	795	798	3.0	.432	58	20	20	5
30	12	798	801	3.0	.440	92			4
56	13	801	804	3.0	.300	12	32	18	4
58	14	804	807	3.0	.362	10			3
22	15	807	810	3.0	.365	8	16	20	2
72	16	810	813	3.0	.520	28			3
77	17	813	816	3.0	.346	26	12	30	12
81	18	816	819	3.0	.390	32			6
51	19	819	822	3.0	.237	30	68	36	6
24	C720	822	825	3.0	.362	132			8
52	21	825	828	3.0	.384	42	12	28	13
42	22	828	831	3.0	.197	96			3
46	23	831	834	3.0	.287	60	16	40	19
39	24	834	837	3.0	.424	64			12
16	25	837	840	3.0	.173	52	10	22	15
22	26	840	843	3.0	.133	74	14	30	8
64	27	843	846	3.0	.190	22			13
22	28	846	849	3.0	.100	38	6	30	3
40	29	849	852	3.0	.800	18			6
63	C730	852	855	3.0	.320	26	14	34	5
74	31	855	858	3.0	.134	192			5
74	32	858	861	3.0	.132	140	16	36	125
44	33	861	864	3.0	.210	22			13
55	34	864	867	3.0	.345	24	12	32	6
56	35	867	870	3.0	.185	28			8
64	36	870	873	3.0	.420	30	108	32	4
90	37	873	876	3.0	.390	18			<2
97	38	876	879	3.0	.275	24	14	26	<2
87	39	879	882	3.0	.425	26			2
75	C740	882	885	3.0	.410	28	10	28	3
58	41	885	888	3.0	.515	26			2
67	42	888	891	3.0	1.380	14	8	18	4
83	43	891	894	3.0	.385	28			7
91	44	894	897	3.0	.200	36	30	36	4
74	45	897	900	3.0	.190	46			6
87	46	900	903	3.0	.525	70	8	38	4
70	47	903	906	3.0	.285	110			130
65	48	906	909	3.0	.440	90	18	30	[illegible]
77	49	909	912	3.0	.310	68			[illegible]

FOOTAGE From	FOOTAGE To	DESCRIPTION
188.25	227.0m	Cont'd:

192.2 - 193.2m Foliated biotite hornfels as inclusions in QMP, about 90% inclusions.

193.25m 10cm of silicification with QMP and sericitic hornfels inclusions. Moderate stringer moly is associated.

193.7m 90cm of chlorite altered QMP. The QMP has a strong growth of secondary biotite.

194.4m 1cm qtz vein 30° to C.A. Minor Py and moly associated.

194.6 - 197.4m A mixture of biotite hornfels, sericitic hornfels and sericitic QMP. Very strong silicification associated.

197.4m - 203.4m Mainly pale green sericitic QMP with 10% sericitic and biotitic nornfels. This section has strong silicification and a moderate qtz stockwork development. Some of the qtz veins cut both hornfels and QMP.

199.75m one biotite hornfels inclusion. This section appears to have better than usualy moly.

197.4 - 203.4m about 0.12% moly.

202.4m 12mm qtz vein 20° to C.A. minor moly associated.

203.4m - 209.1m strongly oxidized QMP and hornfels inclusions with several short gouge sections.

205.7 - 207.0m Two short 30cm sections of QMP which are non oxidized. Here the QMP is fresh looking to weakly sericitic.

207.5 - 209.1m Foliated hornfels with foliation at 20° to C.A. There is a moderate qtz stockwork and good moly associated with the hornfels.

209.1 - 211.3m Fault gouge 100%

211.3 - 217.0m mixed QMP and biotite hornfels

211.3 - 212.9m sericitic QMP

212.9 - 213.7m biotite hornfels

213.7 - 215.3m sericitic QMP

215.3 - 217.0m biotite hornfels

Foliation in the hornfels is well developed at 20 - 30° to the C.A.

There are several large but barren to weakly mineralized qtz veins asssociated with the biotite hornfels.

The QMP has strong silicification. However, the stockwork is only moderately developed and there is only weak moly associated.

212.8m 2.5cm qtz vein 5° to C.A. Tr Py

213.4m 3 - 5cm qtz vein 60° to C.A. Barren

This vein cuts a 2cm qtz vein 10° to C.A. Vein has minor Py

216.0m 1cm qtz vein down C.A. Barren

216.9m 3.5cm qtz vein 10° to C.A. Minor disseminated Py.

% Mineralization	RQD	SAMPLE NO.	FOOTAGE Meters From	To	Length	ASSAYS MoS_2	Cu-ppm	Pb-ppm	Zn-ppm	W-ppm
	71	C750	912	915	3.0	.625	52	16	36	5
	50	51	915	918	3.0	.485	102			2
	42	52	918	921.4	3.4	.335	26	20	26	2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
188.25	227.0m	Cont'd:	VISUALLY EST. Moly
		217.0 - 227.0m Mixed sericitic and chloritic QMP with weak oxidation to intense in fault gouge sections and as selvages to fractures.	188.25 - 227.0m
		The QMP has < 3% hornfels inclusions. There is a well developed qtz stockwork throughout as well as good silification.	0.08 - 0.10% Moly
		224.2 - 225.4 m 50% silicification, with good moly associated.	≤ 1 - 2% Py
		222.5m 1.5cm qtz vein down C.A. for 60cm. Minor moly associated.	
		188.25 - 227.0m 0.08 - 0.10% moly. A few short sections have better than 0.1% moly.	
227.0	236.65m	Qtz Monzonite Porphyry: 6b Strongly Oxidized	
		The QMP is strongly broken and oxidized throughout. From 230.5m there are about 40% Hornfels inclusions both biotitic and sericitic. The strongest oxidation is in fault gouge zones and as selvages to fractures.	227.0 - 236.65m
		This section is broken throughout with numerous fractures down the C.A.	0.08 - 0.10% Moly
		230.3m 7cm gouge 30° to C.A. 231.9m 30cm gouge 45° to C.A. 232.7m 10cm gouge 20° to C.A. 234.3. 40cm gouge 30° to C.A. 235.5m 60cm broken core.	1 - 2% Py
		The hornfels are very strongly silicified and there is a moderate stockwork developed. Inclusions vary in size from < 1cm to < 10cm.	
		Stockwork in the QMP is moderate. 233.4m Tr bright green muscovite-apatite.	
236.65	245.6m	Qtz Monzonite Porphyry: Sericitic 6b	
		The Qtz monzonite porphyry has approximately 20° hornfels inclusions. Contacts with the QMP above and below are gradational.	
		Oxidation in this section has been reduced from the QMP above. Here oxidation is restricted to fracture selvages and in fault gouge zones.	
		The QMP is a pale cream green in colour except where oxidized where it is a limonitic brown colour. Short sections of the QMP appear almost chloritic.	
		There is only minor gouge in this section and what is present is usually narrow, < 5cm wide.	

SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	Mo Oxide as Mo %	ASSAYS			
C 26	6.4	9.0	3.0	.031				
27	9	12	3.0	.038				
28	12	15	3.0	.026				
29	15	18	3.0	.023				
30	18	21	3.0	.015				
31	21	24	3.0	.014				
32	24	27	3.0	.015				
33	27	30	3.0	.022				
34	30	33	3.0	.016				
35	33	36	3.0	.018				
36	36	39	3.0	.018				
37	39	42	3.0	.018				
38	42	45	3.0	.022				
39	45	48	3.0	.014				
40	48	51	3.0	.020				
41	51	54	3.0	.019				
42	54	57	3.0	.020				
43	57	60	3.0	.012				
44	60	63	3.0	.014				
45	63	66	3.0	.012				
46	66	69	3.0	.016				
47	69	72	3.0	.003				
48	72	75	3.0	.005				
49	75	78	3.0	.002				
50	78	81	3.0	.002				
51	81	84	3.0	.001				
52	84	87	3.0	.002				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS					
236.65	245.6m	Cont'd: 239.85m 2cm gouge 40° to C.A. 241.9 - 242.75m Broken core with strong oxidation. 244.5 - 244.95m Broken and oxidized core. This section as 20% biotitic and sericitic inclusions. Inclusions tend to be clustered in short sections, separated by up to 1 meter of relatively inclusion free QMP. This section has a good stockwork and many veins are mineralized. 238.3m 1.5cm qtz vein 5% to C.A. Vein has a good moly selvage. 238.7m 8mm qtz vein 30° to C.A. good moly associated. 239.25m 1cm qtz vein 25° to C.A. Barren 240.9m strong flooding of silica. 243.2 - 273.7m Minor secondary biotite with possible weak k-spar. 243.65m 5mm band of py 45° to C.A.	VISUALLY EST. Moly 236.65 - 245.6m 0.10% Moly 2% Py										
245.6	273.45	Qtz Monzonite Porphyry with 10 - 15% Biotite Hornfels Inclusions: Variable Alteration: 6a, 6aP, 4 This section has moderate to strong chlorite alteration with sections of moderate to intense potassic alteration. K-spar occurs as vein selvages and more commonly as flooding. The biotite hornfels inclusions occurs as <1cm to <10cm fragments within the QMP. There is strong silicification throughout and moderate to good qtz stockwork development. Some of the qtz veins are weakly vuggy. There are no gouge zones in this section of the QMP and oxidation is restricted to fracture planes. 252.7 - 257.5m 45 - 50% biotite hornfels inclusions. 257.5 - 260.5m Chloritic QMP with weak sericitic alteration. Feldspars are saussuritized. 260.5 - 261.5m Biotite feldspar porphyry with strong secondary biotite. 258.4m Several 2mm parallel pale pink k-spar veins 45° to C.A. From 264.2m percentage of biotite hornfels inclusions increases to about 30%. 264.2 - 264.6m about 50% Biotite hornfels inclusions with 50% silica. The silica is cut by several vuggy qtz veins containing moly. From 263.0m there weaker potassic alteration. Throughout this section there is moderate to strong chlorite alteration, and a strong growth of fresh secondary biotite. From 262.0m there is a decrease in the qtz stockwork.											

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
245.6	273.45m	Cont'd:	VISUALLY EST. Moly					
		Trace Chalcopyrite can be seen in the QMP at 269.6m 262.2 - 263.2m Broken core 264.9 - 269.2 Broken core 268.1 - 268.8 Very strong silicification with feldspars becoming saussuritized adjacent to lower contact.	245.6 - 273.45m 0.05 - 0.08% Moly 1 - 2% Py					
273.45	321.25	Fault Gouge Zone 6aP, 4 Potassic Alteration						
		Upper contact between the fault gouge and QMP is 20° to C.A. The percentage of gouge in this section varies between 70 - 90%. The remainder is very highly broken core. The gouge is either a clayey mud or a f/g granular rock with a sugary appearance. The broken core is usually in <10cm fragments.						
		The fragments are a mixture of Qtz Monzonite porphyry with moderate to strong potassic alteration with biotite hornfels inclusions. There is good chlorite alteration throughout with a strong growth of secondary biotite. The QMP appears to be a continuation of the QMP between 245.6 - 273.45m.						
		The grade of the molybdenum in this section is difficult to determine as well as the qtz stockwork. However, it is probably similar to the mineralization and qtz stockwork in the QMP in the section above.						
		274.5m 15cm of very dark gray mud. Foliated about 30° to C.A. 276.5m 5cm fragment of QMP with strong potassic alteration as flooding.						
		There is only trace oxidation associated with the gouge and this occurs between 275.1 - 277.7m Elsewhere the core is not oxidized.						
		Biotite hornfels inclusions occur throughout this section and appears to account for 10 - 30% of the core. 283.9 - 284.1m hornfels, foliated at 90° to C.A. 279.5m Strong k-spars flooding. 288.0m Strong potassic alteration as flooding. There are a number of carbonate veinlets throughout. The mineral effloresces with cold HCl. 293.2 - 293.7m Bi hornfels as gouge 295.7m Several Bi hornfels inclusions up to 5cm wide in the QMP.						
		Fragments are angular and occupy about 20% of the core over 20cm. 289.1 - 289.55m broken core 20% gouge. 291.0 - 291.6m " " 294.0 - 296.3m " " 297.6 - 298.1 " " 303.0 - 309.5m " " 20 - 30% gouge 318.0 - 318.5m " " minor gouge The remainder of the section between 289.1m and 318.5m is 100% gouge.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
273.45	321.25	Cont'd: Where the core isn't fault gouge the rock is a greenish gray QMP, with a weak qtz stockwork. The QMP exhibits moderate to strong potassic alteration, as vein and fracture selvages and as flooding. There appears to be a reduction in the biotite hornfels inclusions from above 289.0m. Below 289.0m there are about 5 - 10% biotite hornfels inclusions in the QMP. The QMP is highly fractured with many fractures down the C.A. A number of fractures have a narrow selvage where the feldspar phenocrysts have been altered to kaolinite. 5 - 10% secondary biotite is present throughout. Moly mineralization appears to be weak. Molybdenite occurs within some of the qtz veining and as a coating on some of the fractures. Veins present are usually narrow 1 - 4mm wide and not very numerous, 2 - 5 veins per meter in places. 297.8m moderate sericite alteration of the feldspar phenocrysts for 30cm. 304.9m strong potassic alteration 307.4 1.5cm qtz vein 45° to C.A. Minor moly associated. From 300.0m the biotite hornfels inclusions are <5%. 312.9 - 315.0m 70% hornfels as gouge.	VISUALLY Est Moly 273.45 - 321.25m 0.05 - 0.10% Moly 1% Py									
321.25	342.4m	**Dark Greenish Gray Qtz Monzonite Porphyry With 5% Biotite Hornfels Inclusions: Variable Alteration 6b, 6aP, 4** The QMP has variable alteration, the majority being weak to moderate potassic alteration. However, there are several sections of strong sericitic alteration and in one location minor sericitic hornfels are associated. The sericitic QMP appears to have stronger silicification than the potassic QMP. The hornfels inclusions vary in size from 4cm to 15 - 20cm. They tend to be distributed throughout rather than concentrated in one section. The QMP has a number of gouge zones. However, most are relatively short. 321.25 - 321.6m Broken core 323.3 - 232.7m " " 327.2 - 330.2m 80% broken core last 60cm gouge. 330.6 - 330.9 Broken core 332.7 - 335.6m Gouge 90% <30° to C.A. 335.6 - 339.0m Broken core										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
321.25	342.4m	Cont'd: Potassic alteration occurs as pervasive flooding and as selvages, up to a 2cm wide, of fractures and qtz veins. Some of the feldspar phenocrysts in the potassic zones look almost fresh. The original biotite in the QMP has been chloritized and there is generally 3 - 5% fresh black secondary biotite. Stronger secondary biotite has been noted adjacent to biotite hornfels inclusions. Eg. 324.7m The QMP has good silicification throughout, although it appears stronger in the sericitic section. There is a moderate stockwork developed. A number of qtz veins are weakly vuggy. 326.05m two parallel 2 - 3mm qtz veins 45° to C.A. Veins have strong moly associated. 326.3m 2cm qtz vein 45° to C.A. weak moly associated. Throughout this section some of the fractures have strong chlorite associated as a selvage. 326.9 -331.1m moderate sericitic alteration. 330.1m Several biotite hornfels inclusions 333.3m 4cm qtz vein 45° to C.A. Tr. Moly vein.is in a biotite hornfels inclusion. 333.4 - 335.6m weak to moderate sericitic alteration 338.5 - 341.1m very strong silicification 341.6 - 342.0m Biotite hornfels inclusions.	VISUALLY EST. Moly 321.25 - 342.4m 0.08% Moly < 1% Py in QMP 2 - 3% in hornfels									
342.4	353.0	Green Qtz Monzonite Porphyry Chloritic 6a- Upper and lower contacts are gradational. The QMP consist of 50 - 6-% <1 - 5mm green feldspar phenocrysts and 3 - 5% 1 - 3mm qtz eyes in a f/g matrix. Varying throughout 40 - 80% of the feldspar phenocrysts are a dark green in colour and chloritic. The remainder are altered to a pale cream coloured mineral sericite. This alteration occurs as selvages to fractures up to 3 - 5mm wide. Where fractures intersect there is a stronger alteration to sericite. Some of the feldspar phenocrysts are also altered to a white clay mineral kaolinite. The core in this section is quite competent with only 2 - 3 fractures per meter. The QMP has a good stockwork throughout. However, most veins are barren. Veins generally vary in size from <1mm to 5mm. 343.4m 5mm qtz vein 10° to C.A. Barren.	342.4 - 353.0m <0.05% Moly 2% Py Py occurs mainly as fracture fillings.									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
342.4	353.0m	Cont'd:										
		This vein cuts two earlier veining episodes and is in turn cut by a later veining epidsode. Only the earliest veining eipsode has any moly associated with them.										
		345.4m Py in a 5mm qtz vein 30° to C.A. 345.9m 5cm qtz fragments in the AMP 347.5 - 348.2m 1cm qtz vein down C.A.										
		Trace pyrite associated. Vein is cut by a 7mm qtz vein at 70° to C.A. This vein is barren.										
		351.5m 10cm gouge 30° to C.A. 352.5 - 353.0m broken core fractures down C.A.										
353.0	403.9m	Qtz Monzonite Porphyry: Variable Alteration 6aP, 6a, 6b With Several Sections of Biotite Hornfels 4.										
		Most of this section has variable potassic alteration from weak to moderate. Chlorite alteration is moderate to strong. There are several short sections of sericitic alteration occurring adjacent to fault gouge zones and adjacent to some of the larger fractures.										
		There is about 5 - 10% fresh secondary biotite associated with the potassic and chloritic alteration.										
		359.5 - 362.8m Fault gouge. Upper and lower contacts sharp at 30° to C.A. 365.7 - 367.3m Broken core with minor gouge between 365.7 - 366.4m 369.45 - 370.05m broken core 371.6 - 372.5m " " 375.1 - 376.3m " " 377.9 - 378.3m Gouge 5° to C.A. 379.2 - 381.5m Broken core. Minor fault gouge at 379.7m at a low angle to C.A. 389.0 - 390.0m Broken core fracture down C.A. 392.6m 10cm gouge 40° to C.A. 396.6 - 397.9m Broken core with 5-cm of fault gouge at 397.2 - 397.7. 398.5 - 399.4m Broken core with 15cm of fault gouge at 45° to C.A. at 398.9m										
		400.4 - 403.7m Broken core										
		To 373.8m the biotite hornfels occur as small <10cm inclusions scattered throughout in the QMP. Total inclusion contact is less than 5% of core.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
353.0	403.9	Cont'd:										
		Below 373.8m the biotite hornfels occur as short < 1 to 3m sections with well developed foliation.										
		The potassic alteration occurs as narrow selvages to some of the veins and fractures and as flooding. The majority of the core has moderate to strong chlorite alteration. A few short sections have moderate sericitic alteration with some alterating the feldspars to kaolinite.										
		355.1m 2mm moly coating on a fracture 40° to C.A.										
		353.0 - 359.9m weak potassic AH with strong chloritic alteration. The potassic alteration is not continuous but occurs randomly and sporadically.										
		359.9 - 362.8m Sericitic alteration with moderate kaolinite alteration.										
		362.8 - 265.6m chloritic with weak potassic alteration										
		365.6 - 367.2m Sericitic alteration with kaolinite alteration with a short 10cm section of potassic alteration at 366.4m.										
		369.7 - 370.25m weak sericitic alteration										
		The QMP has a moderate to strong qtz stockwork throughout with a majority of the veins being mineralized with moly. A number of fractures also have a good heavy coating of moly. Most qtz veins are < 5mm wide and many of the qtz veins are weakly to moderately vuggy.										
		359.3m 2mm moly coated fracture 20° to C.A.										
		362.9m 4mm py vein in gouge zone.										
		364.15m 1cm qtz vein 20° to C.A. Good moly selvage in vein.										
		369.2m 8mm qtz vein 10° to C.A. Strong moly as a selvage to the vein.										
		3 73.8 - 376.05m Biotite hornfels well foliated at 60-80° to C.A.										
		From 376.05 - 383.1m Only occasional < 3cm wide biotite hornfels inclusions in the QMP/ Contacts are irregular.										
		377.9 - 378.4m weak sericitic alteration										
		371.85m 1cm qtz and carbonate vein 35° to C.A. Vein has strong moly associated.										
		375.0m 1cm qtz vein 0° to C.A. for 100cm. Vein is in hornfels and is barren.										
		377.9m 2cm qtz vein 10° to C.A. Only half of vein is present. Strong disseminated moly in vein. Remainder of vein is offset outside of core.										
		381.6m 3cm qtz vein 5° to C.A. Strong moly as stringers in the vein.										
		383.1 - 390.9m A Mixture of Biotite and Sericitic hornfels in sericitic to chloritic to potassic QMP. The hornfels are inclusions some of which										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
353.0	403.9m	Cont'd:	VISUALLY EST. Moly					
		are up to 50cm wide. The larger ones have a well developed foliation. This section has very strong silicification throughout.	353.0 - 403.9m					
		387.4m 30cm of strong potassic alteration. Larger qtz veins are associated with the hornfels. However, they are not as well mineralized.	0.12% Moly 1% Py					
		384.4m Several subparallel qtz veins 5 - 10° to C.A. 2 - 5mm wide and barren.						
		386.65m very strong silicification						
		387.7m Several 1-3mm qtz veins -0 -5° to C.A. with strong moly in vein.						
		388.8m 9cm qtz vein 70° to C.A. Tr Py.						
		389.1 - 389.4 several 3 - 8cm qtz veins 60 - 80° to C.A. Veins are barren.						
		390.4m 1.5cm qtz vein 40° to C.A. Strong disseminated moly						
		390.7 - 392.7m Intermineral dike. Upper contact sharp with biotite hornfels at 45° to C.A. Lower contact is in broken core. The dike is medium green in colour and chloritic, with a well developed qtz stockwork. There is 5 - 10% secondary biotite.						
		The dike is not as porphyritic as the typical QMP. However, it is closely related. The unit is strongly silicified and there are several inclusions of QMP. Mineralization in the dike is weaker than in the QMP.						
		392.7 - 403.5m Chloritic QMP with irregular sections of strong kaolinite and weak potassic alteration. The kaolinite occurs as selvages to qtz veins and fractures.						
		393.15 - 393.9m about 60% silicification with moderate moly associated.						
		396.7 - 397.8m Fault gouge 10° to C.A.						
		398.55 - 399.6m " " and broken core. Gouge is 10cm wide and at 399.1m						
		4 00.8 - 402.0m Broken core.						
		402.1 - 403.3m " "						
		395.7 - 396.75m Strong occurrence of pink k-spar. K-spar occurs as flooding and as selvages to fractures.						
		The fault gouge at 396.7 - 397.8m is past moly. Qtz veins with moly in the gouge zone are brecciated.						
		397.9m 2mm qtz vein 0° to C.A. for 40cm. Strong moly in vein.						
		353.0 - 403.9m 0.01 - 0.12% moly, 1% py.						
		There are several sections which should have greater than 0.12% moly over 1 - 3m intervals.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
403.9	446.8m	Qtz Monzonite Porphyry Potassic Alteration 6aP						
		There are several short sections of biotite hornfels in the QMP.						
		This unit consists of typical QMP with 5 - 10% fresh secondary biotite. Potassic alteration is present throughout and varying from moderate to intense. The k-spar is a pale cream colour and occurs as flooding and as selvages, up to 2cm wide of qtz veins and fractures.						
		The qtz stockwork is generally well developed and many veins are well mineralized. Pervasive silicification is strong throughout. A number of fractures have a thick moly coating. Throughout many of the qtz veins are weakly to moderately vuggy.						
		405.8 Intense potassic alteration as a vein selvage and flooding.						
		406.0m 1 - 2cm qtz vein 10° to C.A. strong moly as a vein selvage.						
		407.9m 1cm qtz vein 20° to C.A. Moly as a vein selvage.						
		408.5 - 413.5m Intense potassic alteration as flooding and vein and fracture selvages. This section has a well developed and well mineralized qtz stockwork. Many of the veins are vuggy.						
		408.9m Several 1 - 5cm biotite hornfels inclusions in the QMP						
		410.8m 6cm Biotite hornfels inclusion.						
		410.4m Two cross cutting qtz veins. 5mm qtz vein down C.A. and a 1cm qtz vein 45° to C.A. Both veins have strong moly associated.						
		413.15 and 413.33 Very strong potassic alteration as a selvage to a vein and a fracture.						
		420.3m 40cm of broken core and gouge. Moderate kaolinite alteration associated.						
		4 20.7m 2cm qtz vein down C.A. for 35cm Vein is vuggy and weakly mineralized. Very strong potassic alteration as a selvage to vein.						
		415.7m 20cm of gouge and broken core at 5° to C.A. a 2 - 5mm mud seam is associated.						
		419.5m 5cm qtz vein down C.A. for 40cm at 5° to C.A. Moly is present as a selvage to vein.						
		420.7m Several 2 - 5mm qtz veins all parallel at 10° to C.A. Moderate moly is associated with the veins.						
		421.1m several crosscutting qtz veins. 2 - 5 mm wide. All < 10° to C.A. Strong moly is associated in the qtz veins.						
		422.6m several 2 - 3 cm hornfels inclusions.						
		422.4 - 404.8m Intense potassic alteration.						
		426.35 - 427.8m Biotite hornfels inclusion. Well foliated at 30° to C.A.						
		427.4m 9mm qtz vein 30° to C.A. Vein is vuggy and has strong moly associated.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
403.9	446.8m	Cont'd :	VISUALLY EST. Moly									
		427.5 - 427.9m strong silicification with disseminated moly associated.	403.9 - 446.8m									
		427.9 - 428.55 Strong potassic alteration as flooding										
		428.55 - 431.3m strong chlorite alteration. Medium green in colour. Good stockwork present. However, only weak moly is associated.	0.10 - 0.12% Moly									
		429.4m 7mm qtz vein 25° to C.A. Weak moly and strong pyrite is associated.	about 1% Py									
		429.8m two 15cm and 5cm assimilated hornfels inclusions in chloritic QMP	short sections have									
		431. - 432.4m Intense potassic alteration as flooding and vein and fracture selvages.	greater than 0.12% Moly									
		432.4 - 433.15m Assimiltated hornfels.										
		433.15 - 441.1m Strong to intense potassic alteration with several 10cm assimilated hornfels inclusions. A number of the qtz veins in this section are vuggy.										
		430.9 2mm coating of moly on a fracture at 20° to C.A.										
		434.1m 2 - 4cm qtz vein down C.A. for 30cm. Vein is barren.										
		434.8m 20cm of very strong silicification.										
		435.1m 2cm qtz vein 45° to C.A. Barren.										
		437.7m several 1 - 3mm stringers of moly along fractures in the QMP										
		438.65m 3mm moly coating in a fracture at 40° to C.A.										
		441.1 - 441.9m Assimilated hornfels. Contact sharp at 70° to C.A.										
		441.5m Broken and vuggy qtz vein with strong moly associated.										
		441.9 - 446.8m Chlorite alteration with sericitic alteration from 446.0 - 446.7m										
		444.2m irregular 15cm assimilated hornfels inclusion.										
		444.5m 4.0cm qtz vein 30° to C.A. with moderate moly associated. Vein is cut by a 1 - 1.5cm qtz vein 0° to C.A. for 90cm. Vein has weak moly associated.										
446.8	485.0m	Qtz Monzonite Porphyry Variable Alteration 6AP, 6a, 6b										
		The QMP has several inclusions of both biotitic and sericitic hornfels 4, 3.										
		Broken and fault gouge zones occur at:										
		450.95 - 451.4m 15cm fault gouge, rest of section is broken core down C.A. Strong sericitic alteration.										
		458.15m 15cm fault gouge.										
		480.0 - 482.3m Broken core with 20cm of fault gouge at 480.0m at 25° to C.A.										
		481.0 - 481.6m about 30 - 40% of core is ground										
		482.1 - 482.3 " " " " "										
		484.7 m 15cm broken core										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
446.8	485.0m	Cont'd:										

The qtz monzonite porphyry has a well developed qtz stockwork throughout and moderate to strong silicification. Most veins in the qtz stockwork are 1cm. However, there are a few exceptions. Veins associated with some of the potassic alteration are vuggy.

The potassically altered QMP is a medium grayish green in colour. The unit is composed of 30 - 60% weakly altered feldspar phenocrysts, 3 - 5% qtz eyes and 5 - 10% fresh secondary biotite. Potassic alteration varies from moderate to intense and occurs as selvages to fractures and qtz veins and as flooding. The potassic feldspar is a pale cream to white in colour.

The assimilated hornfels sections are a dark greenish gray in colour with 30 - 50% fresh looking feldspar phenocrysts, up to 30% fresh secondary biotite in a f/g biotite matrix.

The chloritic sections are a medium green in colour and appear to have a weaker qtz stockwork.

Molybdenite mineralization occurs as selvages in qtz veins. With or without pyrite and as coating along fracture.

446.8 - 447.25m Sericitic hornfels Strong foliation 75 - 80° to C.A.
447.25-447.8m Biotite hornfels. Strong foliation at at 70 - 80° to C.A.
448.6m 30 cm assimilated hornfels inclusion
453.35m 20 cm " " "
455.7 - 457.3m chlorite alteration

448.6m several crosscutting fractures with moly.
448.9m 4mm qtz vein 30° to C.A. with Moly and Trace Pyrite.
449.4m 2cm qtz vein down C.A. for 10cm. Good stringers of moly in vein.
449.8m Possible continuation of vein above with a strong moly selvage between 449.75 and 449.85m where it parallels a moly filled fracture.

453.95m 2cm qtz vein 40° to C.A. Vein is vuggy and has minor moly.
454.8m 2cm qtz vein 0° to C.A. for 35cm. Trace moly in vein.
455.45 - 458.5m 80% assimilated hornfels. Sharp contact 20 - 90° to C.A. Strong potassic alteration in QMP at lower contact.

458.5 - 459.6m intense potassic alteration.
459.3 - 460.7m 50% biotite hornfels inclusions. Strong silicification is associated.
460.7 - 463.15m strong sericitic alteration.
461.5m 30cm of strong silicification at 20° to C.A. 10% pyrite and good moly in and adjacent to a 5 - 10mm qtz vein 20° to C.A.
463.15 - 467.8m Strong to locally intense potassic alteration.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
446.8	485.0	Cont'd:	VISUALLY EST. Moly					
		464.8m 3 - 4cm vuggy qta vein 70° to C.A. 30% of vein is moly. Vein is cut by two parallel qtz veins 2cm wide, total width, veins are down C.A. for 30cm. Veins have strong selvages of moly.	446.8 - 485.0m					
		467.8m 2 - 5mm vuggy qtz veins 20° to C.A. Tr. moly.	0.10 - 0.12% Moly 1% Py					
		467.8 - 468.1 Biotite and sericitic hornfels inclusions. Foliated at 60° to C.A. Lower contact sharp at 70° to C.A.						
		467.9m two crosscutting qtz veins. 1cm vein and 3mm vein at 30° and 0° to C.A. Both veins have strong moly associated.	Several short sections should be greater than 0.12% Moly					
		468.1 - 478.2 weak to moderate sericitic alteration with minor chloritic alteration. Very strong qtz stockwork throughout and very strong moly mineralization. Molybdenite mineralization appears to be greater than 0.20% MoS_2. Moly occurs in vein and as fracture coatings.						
		470.3m 1 - 2cm qtz vein on core surface 0° to C.A. for 60cm. Moderate moly as a vein selvage						
		471.3m 4.5cm qtz vein 20° to C.A. Tr Moly						
		471.8m 3cm " " 20° to C.A. moly along vein boundaries.						
		476.2m Two crosscutting qtz veins 1cm qtz vein 40° to C.A. and 5mm qtz vein to 15mm qtz vein 30° to C.A. Both veins have very strong moly associated.						
		477.3m Two crosscutting qtz veins 1cm and 1.5cm 10 and 15° to C.A. Both veins have strong moly associated.						
		475.5 - 478.1m Late pink k-spar as veinlets 2 - 3%.						
		478.2 - 485.0m QMP Potassic alteration with several 10 - 20cm inclusions of assimilated hornfels.						
		Potassic alteration is weak to moderate to 481.5m From 481.5 - 485.0m potassic alteration is strong. There is less moly mineralization in this section than in the sericitic QMP above.						
		478.85m 3 - 4cm qtz vein 45° to C.A. Barren						
		480.8m Fracture 80° to C.A with a strong moly coating. Fracture is cut by a 5mm qtz vein 10° to C.A. Vein has strong moly associated.						
		484.3m two crosscutting qtz veins one at 0° to C.A. for 30cm and the other at 15° to C.A. for 20cm. Weak moly associated.						
485.0	526.8m	Qtz Monzonite Porphyry: Variable Alteration 6aP, 6a						
		The majority of this section has moderate to strong to locally intense potassic alteration. There are several short chloritic and sericitic sections of QMP. The QMP has several assimilated hornfels inclusions and there are only minor biotite hornfels inclusions.						
		There are several broken and gouge zones in this section of QMP. These occur at:						
		486.7m 25cm broken core with minor gouge at 20° to C.A. 488.1 - 488.9m Broken core						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
485.0	526.8	Cont'd:										
		491.5m 20cm of broken core 501.5 - 503.2m Broken core fractures down C.A. 522.8 - 523.95m Fault gouge zone 35° to C.A.										
		The QMP has a moderate to strong qtz stockwork throughout, and strong silicification. A number of the veins in the QMP are vuggy. The potassic alteration is a pale pink to white in colour and occurs as selvages to veins and fractures and as weak to intense flooding Molybdenum minerlaization occurs in qtz veins and as fracture fillings, in all rock types in this section. The potassically altered QMP has 5 - 1p% fresh secondary biotite associated. The assimilated hornfels sections have up to 30% fresh secondary biotite.										
		485.0 - 489.7m Potassic alteration with weak chloritic sections. 489.7 - 490.5m Weak sericitic alteration. 489.7 9mm qtz vein 30° to C.A. Strong moly in vein. This vein cuts a 2mm qtz vein with strong moly at 20° to C.A. 490.1m 1.5cm qtz vein 45° to C.A. Barren 491.5m 10cm of biotite hornfels inclusions. 492.1m 1.5cm qtz vein 60° to C.A. Moly occurs as a selvage in the vein. 493.8 - 502.7m Intense potassic alteration in between sections of assimilated hornfels. Potassic alteration occurs as intense flooding and as selvages. There is a reduction of moly in the assimilated hornfels when compared to the potassic QMP. Many of the qtz veins in the assimilated hornfels are barren. About 50% of this section is QMP, and many of the veins in the QMP are vuggy.										
		494.2m 4mm qtz vein 50° to C.A. Strong disseminated moly. 495.55m 3mm qtz vein 45° to C.A and a 6mm qtz vein 0° to C.A. Vein at 45° to C.A. has strong moly associated. Other vein is barren. 498.3 2cm qtz vein 15° to C.A. Weak moly 498.9m 5mm qtz vein 30° to C.A. Strong disseminated moly. 499.95m vuggy 9mm qtz vein 60° to C.A. Strong moly as a selvage in the vein. In the section 493.8 - 502.7m the assimilated hornfels occur as short units up to 100cm wide. At 502.7m the assimilated hornfels inclusions are usually <15cm wide. 502.7 - 510.6m Moderate chlorite alteration with sections of sericitic alteration. There are also sections of weak potassic alteration. The strongest sericitic alteration is between 508.3 - 510.6m 504.4m 1cm qtz vein 5° to C.A. for 30cm Moly occurs as a selvage to vein. 506.2m 9mm qtz vein 45° to C.A. Vein has good moly associated. Vein is cut by a 5mm qtz vein at 10° to C.A., younger vein has only pyrite.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
485.0	526.8m	Cont'd:	VISUALLY EST. Moly									
		508.6m 1 - 5cm gouge at 40° to C.A.	485.0 - 526.8m									
		509.2m 1 - 5cm qtz vein 10° to C.A. Trace disseminated pyrite and moly. Vein cuts a 1cm qtz vein 40° to C.A. Vein has moderate moly associated. There is some offset movement of qtz veins in this section	0.10% Moly									
		502.7 - 510.6m	1% Py									
		509.6m Broken carbonate and qtz vein. Barren.										
		510.6 - 522.8m Weak to moderate potassic alteration, with sections chlorite alteration. There are only a few biotite hornfels inclusions and those present are usually <1cm wide. Throughout this section many of the qtz veins are well mineralized.	There are several 1 - 3m sections in this interval with greater than 0.10% Moly									
		510.6m 1cm qtz vein 55° to C.A. good moly as vein selvages.										
		511.3m 3mm qtz vein 0° to C.A. for 30cm. Good moly in vein.										
		511.6m 8mm qtz vein 50° to C.A. Vein has strong disseminated moly.										
		511.9m 1 - 5cm qtz vein. Late and Barren.										
		512.5 - 513.1m Intense silicification with a number of crosscutting qtz veins. Many of the veins are only weakly mineralized.										
		513.6 - 514.75m strong qtz stockwork down C.A. weak to moderate moly associated.										
		516.25m Fracture 35° to C.A. Good moly										
		516.30m 1cm wide pyrite vein 40° to C.A.										
		516.25 - 517.0m very strong moly 0.03%										
		516.9m 1.5cm qtz vein with pink k-spar and 10% Py										
		518.25m 1cm qtz vein with pink k-spar at 15° to C.A. 5% py.										
		520.7m 18cm section of intense potassic alteration? Section is light cream in colour and m/g . Contacts are sharp at 80° to C.A.										
		519.7m 2cm qtz vein 30° to C.A. Tr pink k-spar and 2 - 3% Py.										
		520.45m 1.5cm qtz vein 60° to C.A. Good moly selvage in vein.										
		521.7 - 522.05 Strong moly in qtz veins and fractures in the QMP.										
		522.6m Stringers of pyrite with silicification. Silicification is 5cm wide and 20° to C.A.										
		522.8 - 523.9m Fault gouge 35° to C.A. Good moly is present in brecciated qtz veins in the fault gouge.										
		523.9 - 526.8m Chloritic QMP with short 10 - 20 cm sections of weak sericitic QMP. Section has good moly associated in 1 - 5mm qtz veins.										
526.8	547.9m	Qtz Monzonite Porphyry: Variable Alteration 6b, 6a.										
		The majority of this section has strong sericitic alteration with short sections of chloritic QMP. Fresh secondary biotite is often associated with the chloritic QMP. There is only trace weak potassic QMP present in this section. This section of QMP has only minor biotitic hornfels and assimilated hornfels inclusions.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
526.8	547.9m	Cont'd:	VISUALLY EST. Moly									
		The QMP has strong silicification throughout occurring both as selvages to fractures and as pervasive flooding. There is a strong qtz stockwork development throughout this section and many of the qtz veins are mineralized.	526.8 - 547.9m 0.08% Moly 1% Py									
		The chloritic QMP occurs as irregular patch like blebs up to 1 meter in length in the QMP. Contacts are sharp but irregular and the chloritic QMP has up to 10% fresh secondary biotite.										
		There are several fault zones and broken core zones in this section. These occur at: 529.4m 20cm broken core 532.1.m 50 cm Fault gouge 45° to C.A. 536.6m 40cm broken core minor gouge										
		528.2 - 529.2 and 529.6 - 530.0m Two sections of assimilated hornfels. Contacts are sharp but irregular. They contain 30 - 40% secondary biotite, a weaker qtz stockwork and a very weak molybdenite mineralization. A few of the qtz veins in the assimilated hornfels have weak potassic altered selvages.										
		The qtz stockwork consist of at least three sets of crosscutting qtz veins. Two sets of qtz veins are at a low angle to the core axis. Most qtz veins are 5mm or less in diameter, and many of which are vuggy. There are also a set of late fractures which contain mainly pyrite with only occasional trace moly.										
		527.6m 6mm qtz vein 20° to C.A. Good disseminated moly in vein. Vein is cut by a 3 - 5mm qtz vein 45° to C.A. Vein also has strong disseminated moly.										
		533.7m Tr late pink k-spar in a vein with qtz and pyrite. 533.4m and 534.5m Two short 10 - 20cm sections of a pale cream coloured aplite. The aplite is m/g and not porphyritic.										
		533.4 - 535.8m 1 - 2cm qtz veins down C.A. and barren. 538.0m 2cm qtz vein 5% to C.A. Vein has very strong disseminated moly. 538.6m 3mm late pink k-spar at 10° to C.A. 10% py associated. 540.0m 1.5 - 2.0cm qtz vein 20° to C.A. Trace moly associated. 539.0m - 543.0m weakly mineralized qtz stockwork.										
		542.5m 2cm gouge 40° to C.A. 543 - 54317m sericitic hornfels. Lower contact sharp at 50° to C.A. 546.15 - 547.6m Sericitic hornfels. Foliated at 40° to C.A. 547.7m 1 - 1.5cm qtz vein 5° to C.A. Moderate disseminated moly associated with vein.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
547.9	566.6m	Cont'd: Qtz Monzonite Porphyry: Sericitic 6b: Fault Gouge Approximately 50 - 70% of this section is fault gouge consisting of clay. Some of this section must be ground but probably not greater than 15%. The gouge sections are separated by 5 - 10cm of broken core. Fragments vary in size from 1cm to 10cm. There are two sections of broken core with very little gouge associated. These occur at: 556.6 - 558.3m and 561.2 - 563.0m The fault gouge zone consist mainly of sericitic QMP. However, there are several 10 - 30cm sections of chloritic QMP. Within the gouge zones there is also a strong alteration of feldspars to kaolinite. This section appears quite similar to the sericitic QMP core. The Qtz stockwork appears to be decreasing as does the grade of molybdenum. At 551.5m 5cm of very vuggy calcite and qtz. 556.6m 60cm of weak potassic QMP A good qtz stockwork with strong mineralization is associated. 557.0m 1cm qtz vein 5° to C.A. good disseminated moly. 561.3m Two 1.5 - 2.0 cm qtz veins 40° to C.A. and intersecting. Both veins are barren. 566.6m 2 - 3 cm qtz 30° to C.A. Good moly associated.	VISUALLY EST. Moly 547.9 - 566.6m 0.05 - 0.08% Moly 1 - 2% Py									
566.6	628.05m	Qtz Monzonite Porphyry: Variable Alteration 6b, 6a This section consists mainly of QMP which has undergone moderate to intense sericitic alteration and below 596.0m chloritic alteration associated with the sericitic alteration. In places chloritic alteration dominates. There are only minor sericitic and biotite hornfels inclusions present in this section. The QMP has a strong silicification and a moderate to strong qtz stockwork throughout. Many of the qtz veins are vuggy. Molybdenite grade varies throughout. However, most of the section appears to be between 0.05 - 0.10% MoS2. However, there are several short 1-3m sections which should assay 0.10 - 0.15% MoS2. There is about 2% disseminated and stringer py throughout, and increasing to 3 - 5% within the stronger silicified sections. The stronger silicified sections are also intensely vuggy. However, contacts of the silicification are gradational. 569.4m 20 cm of f/g k-spar and silica. Minor disseminated moly associated. This is not potassic alteration. 569.8m 8mm qtz vein with 50% late pink k-spar and 20% py. Vein is 25° to C.A.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
566.6	628.05m	Cont'd: 571.0m 1.5cm late k-spar vein 25% to C.A. Minor pyrite associated. 573.3m 5mm qtz vein 5° to C.A. 30% pyrite and 2 - 3% galena associated. Vein is late and cuts all other veining. 576.5 - 577.8m Several short 10 - 30cm sections of chloritic QMP. Chlorite alteration is weak and contacts are gradational. 578.5 - 582.6m stronger than average moly. 582.4m strong qtz veining and silicification for 20cm. 582.6 - 588.9m Chloritic alterat-ion with weak potassic alteration There is a decrease in qtz stockwork. There are occasional 3 - 5mm late qtz veins with pyrite and galena. What qtz stockwork is present is vuggy and mineralized. 583.5m 8mm qtz vein 0° to C.A. for 50cm. Vein has minor offset movement. Vein is vuggy and has good disseminated mioy. 584.5m 1 - 2cm qtz vein 0° to C.A. for 15cm. Minor moly and pyrite as the m/g crystals in vein. 588.9 - 596.0m moderate sericitic alteration. 589.0 - 592.0m Strong and well mineralized qtz stockwork. < 0.10% MoS_2 There are at least three episodes of qtz veining with moly mineralization and a later set of qtz veining with pyrite and plus or minus galena. Molybdenum also occurs along fractures cutting the qtz stockwork. 596.0 - 600.2m Mixed weak chloritic and sericitic QMP. The QMP has a moderate qtz stockwork and is weakly mineralized. Several of the qtz veins have a narrow <1mm carbonate selvage. Late qtz veins with pyrite and galena are evident throughout. There are 1 - 2 such veins per meter of QMP. Minor fresh secondary biotite is associated with the chloritic QMP. 599.0m two parallel qtz veins, both 1cm wide and 40° to C.A. Moderate moly as vein selvage. 599.7m 1cm qtz vein down C.A. for 90cm Tr. moly. 599.9m 1cm qtz vein 10° to C.A. Minor disseminated moly. 600.2 - 601.9m highly broken sericitic QMP. 601.9 - 602.15m sericitic QMP 602.15 - 605.0m Mainly chloritic QMP and a weaker qtz stockwork. 602.5m Moly in several qtz veins down C.A. for 40cm. Veins are narrow. 604.3m 1cm qtz vein 30° to C.A. Barren.The chloritic QMP has 1 - 5% fresh secondary biotite associated. 605.0 - 605.35m Siliceous, sericitic hornfels. Foliation is strong at 70° to C.A. A 5mm qtz vein cuts hornfels and QMP. Vein is 0° to C.A. for 60cm. Vein is barren.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
566.6		Cont'd:	VISUALLY EST. Moly									
		605.35 - 613.8m Sericitic QMP with several short 10 - 30cm sections of chloritic QMP. Contacts are gradational. Stockwork is moderate and there is a decrease in moly mineralization.	566.6 - 628.05m									
		609.6m 3cm qtz vein on core surface and down C.A. for 70cm. Vein is barren.	0.05 - p.10% Moly									
		Scattered throughout late qtz veins with pyrite and plus or minus galena. Veins are 10 - 30° to C.A.	2% Py									
		613.8 - 615.15m Chloritic Qtz Eye Diorite. The QED is a greenish gray in colour and has sharp contacts. Lower contact 40° to C.A. Upper contact is sharp but irregular. At the upper contact there is a 15cm section of brownish gray QED. Same as in hole 17A at 535.0m. The QED consist of 10% 1 - 6mm qtz eyes, 5% green chloritic biotite and 30 - 50% < 1 - 2mm feldspar phenocrysts in a very f/g and siliceous matrix.	Sections to 0.15% MoS_2									
		At 614.95m a 1cm wide late qtz vein 30° to C.A. with 10% py, cutting the QED. There is no qtz stockwork or usable moly in the QED. The QED has about 3% disseminated pyrite.										
		615.15 - 622.65 chloritic with weak sericitic QMP. 575.55 - 516.0m broken core.										
		617.5 - 618.1m short section of f/g cream coloured feldspar with 10% disseminated pyrite. The feldspar has strong silicification and a moderate qtz stockwork.										
		Many of the qtz veins in the section 615.15 -622.65m are vuggy.										
		521.6 - 522.6m 2 - 3cm qtz vein down C.A. and very vuggy. Vein is barren.										
		522.6 - 623.6m Biotite hornfels well foliated at 80° to C.A. Strong silicification is associated. There is a moderate stockwork and weak moly mineralization associated.										
		623.6 - 628.05m Chloritic QMP with trace and very weak potassic alteration. Between 624 - 625 about 3 - 5% fresh secondary biotite. The QMP has a weak qtz stockwork and only weak moly associated.										
		624.55m 1cm qtz vein with 50% py at 25° to C.A.										
		625.95m 5cm of siliceous hornfels.										
		625.9m vuggy calcite and late pink k-spar vein. Vein is fractured with a growth of calcite crystals on the fracture surface. The fracture is at 30° to C.A. Moderate moly and py with trace celestite in vein. Celestite also occurs as a light blue translucent mineral.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
628.05	640.7m	A Mixture of Siliceous Hornfels and Siliceous QMP 6c This section has 50 - 70% silica which is intensely vuggy. This section consist of pervasive silicification which replaces much of the hornfels and QMP. Most of the qtz stockwork is also masked. The remaining hornfels and QMP occur as irregular stringers in the silica. 628.1m 2mm vein of moly on a fracture at 50° to C.A. 628.05 - 635.45m Silica replacing hornfels and minor QMP 635.45 - 640.7m Silica replacing QMP and minor hornfels. The QMP associated with the silica varies from chloritic to sericitic. 635.8m 6mm qtz vein 10° to C.A. Vein is partly masked by silicification There is a good moly selvage in the vein. 638.5 - 639.3m Extremely vuggy 3 - 4cm qtz vein 0° to C.A. M/g moly as platy crystals in vuggs. 628.05 - 640.7m 0.05 - 0.08% moly and 2 -3% py. Moly occurs in qtz veins and as coatings on fractures. Py occurs as disseminations and in some of the qtz veins and as stringers.	VISUALLY EST. Moly 628.05 - 640.7m 0.05 - 0.08% Moly 2 - 3% Py					
640.7	656.2	Qtz Monzonite Porphyry: Variable Alteration 6b, 6a This section consists of a mixture of sericitic and chloritic QMP. The chloritic QMP often has 2 - 5% fresh secondary biotite associated. The first 2m of this section is extremely silicified, as the contact with the siliceous unit above is gradational. 644.2 - 645.0 broken core 645.9 - 646.5m broken core, fractures down C.A. 647.6 - 648.6m fault gouge 20° to C.A. 649.05m 60cm of broken core Associated with the fractures at 645.9 - 646.5 and the gouge at 647.6 - 648.6m is a soft light green blue translucent mineral. The mineral is associated with calcite and is probably celestite. The mineral occurs as a 1 - 2mm coating on fracture surfaces. The QMP has only a weak to moderate qtz stockwork and many of the qtz veins are barren. Silicification is strong throughout and occurs as flooding and as selvages to fractures. Pyrite is found throughout and occurs as fracture fillings and as disseminations and in qtz veins. Moly occurs in the qtz stockwork and along fractures with or without pyrite.						

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
640.7 -	656.2m	Cont'd:	VISUALLY EST. Moly									
		642.2m 5mm - 10mm vuggy qtz vein 0° to C.A. for 40 cm tr moly.	640.7 - 656.2m									
		647.0m 5mm qtz vein 0° to C.A. for 80cm Vein is barren.										
		652.0m 10cm of biotite hornfels	0.05 Moly									
		652.25m 50cm of biotite hornfels inclusions followed by 10cm of sericitite hornfels.										
		654.2m Two 5 and 15cm biotite hornfels inclusions in the QMP.	1 - 2 % Py									
		649.5m Broken qtz vein 1cm wide. 0° to C.A. for 5cm. Strong disseminated moly associated.										
		650.2m Two qtz veins, both 7mm wide. One at 30° to C.A. Other 75° to C.A. Both gave weak moly selvages.										
		653.2m 3cm qtz vein 20° to C.A. Tr moly.										
		654.5m 20cm of vuggy silicification. Weak moly associated.										
	656.2m	E.O.H.										

PROPERTY	Red Mountain	LATITUDE	L 6 + 25W	STARTED	September 18th, 1981
HOLE NO.	RMY 81-24 Extension	DEPARTURE	0 + 30N	FINISHED	September 30th, 1981
BEARING	Vertical	ELEVATION	1641m (5384')	LENGTH	From 656.2m to 921.4m
DIP-COLLAR	-90^0	SECTION		LOGGED BY	P. Brown

DIP TEST					
Footage	Corrected (DIP AZ)	Footage	Corrected	Footage	Corrected
726.3m	-85° 296°				
848.3m	-87° 296°				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
656.2m		Reduced from HQ to NQ	Visually Est.	39					
			Moly.	93					
656.2	659.8	QUARTZ MONOZITE PORPHYRY: 6a Chlorite Alteration		42					
				73					
		The QMP is a greenish gray in colour and has a moderate quartz stockwork.	656.2 - 659.8m	61					
		Many of the quartz veins present are mineralized with moly. Molybdenum	0.10% MoS_2	52					
		mineralization also occurs along a number of fractures. Most quartz	and 1-2% pyrite	49					
		veins are < 5mm wide and moly occurs as selvages and disseminations in		39					
		the vien.		68					
		There is a weak alteration of some of the feldspar phenocrysts to Kaolinite		36					
		adjacent to some of the fractures. Many of the fractures are at a low		40					
		angle to the core axis.		79					
		657.1m 2mm Carbonte vein 5° to the core axis.		47					
		659.0m 5mm quartz vein 30° to core axis good moly is associated		50					
		659.7m 5mm quartz vein 20° to core axis. good moly is associated		23					
				34					
659.8	712.9m	QUARTZ MONOZITE PORPHYRY VARIABLE ALTERATION 6aP, 6b, 6a.		8					
				32					
		The QMP has a number of hornfels inclusions scattered throughout, however		83					
		total content is no more than 5%.		62					
				50					
		660.7m 9cm inclusion of biotite hornfels		56					
		661.0 - 672.67m Several 1-5cm inclusions of biotite hornfels.		37					
		672.67 - 673.7m Biotite Sericitic hornfels inclusion upper contact sharp		60					
		at 75° to core axis.		52					
		673.7 - 678.6m Several 1-5cm inclusions of biotite hornfels.		30					
		669.9 - 670.53m Fault gouge zone at 20° to core axis.		53					
		The gouge zone has 10-20% black clay associated.		78					
				72					
		678.8m 25cm of biotite hornfels.		33					
		679.3 - 680.8m. Hornfels. The first 40cm are biotite hornfels and the		48					
		remainder is sericitic hornfels. The sericitic hornfels are very		56					
		strongly silicified.		47					
		685.7m 15cm assimilated hornfels.		30					
		686.0 - 688.5m ≈ 15% biotite hornfels and 5% sericitic hornfels.		63					
				91					
				86					
				93					
				49					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
659.8	712.9m	Cont'd:		62					
				62					
		most inclusions are < 10cm in width.		48					
				63					
		692.6 - 693.0m Biotite hornfels		65					
		694.1 - 696.1m ≃ 15% biotite hornfels.		25					
		698.5 - 704.9m ≃ 30% biotite hornfels.		43					
		704.9 - 712.9m < 2% biotite hornfels inclusions.		31					
				30					
		Potassic alteration is the most prominent in this section, however it is		56					
		quite variable. The most intense potassic alteration occurs between		58					
		661.5 and 667.5m.		22					
		Elsewhere chlorite alteration is strong with interspread potassic alteration.		72					
		Sericitic alteration although present was quite minor. Potassic alteration		77					
		occurs both as flooding and as selvages to veins and fractures. 5-10%		81					
		secondary, fresh, biotite was noted throughout this section.		51					
		The QMP has a good quartz stockwork and there is strong silicification		24					
		throughout. Veins vary in size from 1mm to > 1cm however most are		52					
		< 5-8mm. The larger veins are generally weakly mineralized at best.		42					
		Molybdenum occurs in many of the smaller quartz veins and along		46					
		numerous fractures as coatings.		39					
		As a narrow 1-3mm selvage to some fractures Feldspar phenocrysts have		16					
		been altered to a soft white mineral, Kaolinite.		22					
		There are at least 3 episodes of quartz veins with molybdenum. One		64					
		is generally down the core axis while the other two are 20-50° to		22					
		the core axis. Many of the quartz veins are vuggy. No anhydrite or		40					
		gypsum was noted in this section of potassic alteration.		63					
		Adjacent to the fault gouge zone at 669.9m - 670.5m there is a strong		74					
		sericitic alteration.		74					
				44					
		663.0 - 663.8m 1-2cm quartz vein 0° to core axis, trace Moly.		55					
		663.05m 3mm quartz vein 20° to core axis. strong moly is associated.		56					
		663.4m Fracture 0° to core axis strong moly coating on fracture faces.		64					
		664.1m Fracture 20° to core axis. Fracture has a very strong moly coating.		90					
		667.2m 5mm quartz vein 30° to core axis good moly is associated.		97					
		667.8m 1-2cm quartz vein 0° to core axis for 30 cm. Vein was barren.		87					
		671.6 - 672.2m several < 1mm to 6mm quartz veins. Veins are at		75					
		various angles to the core axis. All veins contain good moly.		58					
		676.85 - 677.3m very intense potassic alteration.		67					
		675.8m 8mm quartz vein 50° to core axis. good moly as selvages in vein.		83					
		677.1m 1mm fracture 0° to core axis for 20cm. There was a thick coating		91					
		of moly along the fracture.		74					
				87					
		Quartz veining in the hornfels inclusions are generally larger and contain		70					
		less molybdenum.		65					
				77					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
659.8	712.9m	Cont'd:		71									
				50									
		682.05 - 682.75m 2-3mm quartz vein 0° to core axis. good moly is associated.		42									
		683.2m 5mm quartz vein 5° to core axis. strong moly is associated.											
		685.3m 1cm quartz vein 20° to core axis. good pyrite is associated.											
		692.45m 4mm quartz vein 20° to core axis. strong moly is associated.											
		694.4m Irregular quartz vein 0° to core axis for 70cm. Good moly selvages in vein. Vein is in sericitic hornfels.											
		It is noted some of the quartz veins with hornfels are restricted to it while others cut both the hornfels and QMP. Those that are in the hornfels only are generally barren or very weakly mineralized.											
		696.0m Irregular stringers of moly in a 8mm quartz vein 5° to core axis.											
		699.4m Moly and chalcopyrite on a fracture at 30° to core axis.	Visually Est. Moly										
		699.5m 3-8mm quartz vein 0° to core axis for 40cm. Good moly is associated. Vein is cut by a fracture at 699.4m.	659.8 - 712.9m										
		From 704.1 - 712m Moderate to locally intense potassic alteration interspersed with chloritic alteration.	0.10 - 0.15% MoS_2 Short sections could be higher grade										
		701.2m Several 5mm to 1cm stringers of pyrite at the contact between a sericitic hornfels inclusion and QMP.	1 - 2% pyrite; more pyrite is associated with the hornfels inclusions.										
		702.7m - 703.8m Several 5mm to 1cm quartz veins.											
		At a low angle to the core axis veins are in biotite hornfels and have good moly associated.											
		709.35m 2cm quartz vein 70° to core axis. Trace moly in vein. Vein was cut by a 4mm quartz vein at 5° to core axis. Vein has good moly associated.											
		It was noted throughout this section there are a number of late, 1-3mm quartz and pyrite veins. These veins are generally <30° to core axis.											
712.9	750.0m	FINE GRAINED WEAKLY FOLIATED BIOTITE HORNFELS 4											
		From 712.9 - 738.0m there are 5-20% QMP inclusions and below 738.0m there are <1% QMP inclusions. In places especially the first 2.5m the QMP appears to occur as a matrix to the hornfels. Inclusions are both sericitic and biotitic, 1-10cm in size and irregular in shape.											
		The quartz stockwork in the hornfels although present isn't as well developed or as mineralized with moly as in the QMP. On average quartz veins are also wider in the hornfels.											
		Foliation is generally 20° - 40° to the core axis.											

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
712.9	750.0m	Cont'd:	Visually Est. Moly									
		There are several broken and minor fault gouge zones. These occur at: 719.1m 5cm gouge 15° to core axis. 734.4 - 734.05m fault gouge 745.4m 5cm gouge at 10° to core axis. 746.3 - 746.8m Broken core and gouge at a low angle to the core axis. 747.8m 25cm of broken core with gouge at 45° to core axis.	712.9 - 750.0m 0.10% MoS_2 and 2-4% Pyrite There is stronger moly and less pyrite in the QMP inclusions.									
		Occasionally vuggy quartz veins are noted however they aren't as abundant as in the QMP above.										
		QMP inclusions generally have sericitic or chloritic alteration, however occasionally potassic alteration was present. Most inclusions are irregular in shape and usually <10cm in width.										
		715.45m 1cm quartz vein 30° to core axis. good moly occurs as a selvage in vein. 718.0 - 719.0m cemented gouge 722.3m 2mm coating of c/g moly on a fracture at 90° to core axis. 722.9m 2mm coating of moly on a fracture. 729.65m Two were mineralized, with moly, fractures in a broken core section. 731.5m 5mm quartz vein 5° to core axis Vein was in QMP and was very well mineralized with moly. 735.35m Irregular 6cm quartz vein with moly and pyrite 739.65m 1.5cm quartz vein 80° to core axis. good moly is associated. 742.75m Irregular 1 cm quartz vein with moly. 743.6m <1cm quartz vein with minor moly and pyrite. 744.5 - 745.2m 1 cm quartz vein 0° to core axis. weak moly is associated. 744.4m - 750.0m Sericitic hornfels, which are very siliceous. In the last 60cm of this section there is about 25% late pink K-spar associated with quartz at 0° to the core axis in the hornfels.										
		747-8m 2cm quartz vein 0° to core axis for 20cm. Very strong moly is associated.										
750.0	769.05m	QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6b, 6aP										
		From 750.0 - 757.15m there is sericitic alteration, and From 757.15 - 769.05m variable potassic alteration. The altered feldspar phenocrysts are an olive green in colour and look saussuritized while the biotite phenocrysts are a pale brown and definetely sericitized. The contact between sericitc and potassic alteration is relatively sharp. Change occurs within 40 cm.										

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PROPERTY Red Mountain HOLE NO. RMY 81-24 Ext.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
750.0	769.05m	Cont'd:	Visually Est. Moly					
		The sericitic QMP has a very well developed quartz stockwork with at least 4 episodes of quartz veining. Quartz veins vary in width from 2cm to <3mm and most are well mineralized with moly. Very little Pyrite is present. A number of fractures also have a thick coating of moly.	750.0 - 769.05m 0.10 - 0.15% MoS_2 and <1% Pyrite.					
		752.4m 1cm quartz vein 30° to core axis. strong moly associated. 753.2m Fracture 30° to core axis. strong moly associated. 754.4m 3mm quartz vein 0° to core axis for 35cm. Strong moly associated. 755.3m Irregular 2cm quartz vein with strong moly associated.	Stronger moly is associated with the sericitic QMP.					
		The potassically altered QMP extends from 757.15 - 769.05m and is generally moderate throughout. Locally there is intense potassic alteration. This potassic alteration occurs as flooding and as selvages upto 5mm wide to quartz veins and fractures. Minor <1-2mm gypsum vienlets are noted in the potassic section.						
		The QMP has a good quartz stockwork however it isn't as well developed as in the sericitc QMP above. The QMP is a greenish gray in colour and has 5-10% fresh secondary biotite. Chlorite alteration is associated with the potassic alteration.						
		Molybdenite occurs in the potassic zone in quartz veining and as fracture castings. There appears to be a decrease in the amount of moly present when compared to the sericitic QMP above.						
		Most veins are <5mm in width and there are at least 4 episodes of quartz veining.						
		From 764.6 - 709.05m there are 1-15% biotite hornfels in the QMP. The amount of hornfels increases down hole. Inclusions are irregular in shape and vary in size from <1cm to 8cm.						
769.05	783.6m	FINE GRAINED FOLIATED GRAYISH GREEN BIOTITE HORNFELS. 4.						
		The upper contact of this unit is brecciated. QMP inclusions are noted throughout this section. From 769.05 - 774.6m there are 1-3% QMP inclusions and from 776.3 - 787.6m there is approximately 15% QMP inclusions. This section appears brecciated and the QMP inclusions are potassic.	769.05 - 783.6m 0.10% MoS_2 and 1-2% Py. There is less Pyrite and better MoS_2 in the QMP inclusions.					
		Short sections of sericitic hornfels usually 50cm in length are noted, interspersed with the biotite hornfels. Foliation is generally well developed at 20° - 40° to core axis.						
		At 771.1m there is a fracture 10° to core axis with a 3mm coating of moly. Most of the quartz veins in the hornfels are greater than 1cm. in width and are usually only moderately mineralized with moly at best. However moly is still present on fractures.						
		770.2m 3mm quartz vein 10° to core axis. Strong moly selvage.						

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PROPERTY Red Mountain HOLE NO. RMY 81-24 Ext.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
769.05	783.6m	Cont'd:										
		774.6 - 776.3m Potassic QMP with no hornfels inclusions.										
		The QMP inclusions in the last 7.3m of this section have quite a good quartz stockwork and the veins are well mineralized										
		780.2 - 781.0m Broken Core	[illegible]									
		781.75m Vuggy quartz vein 10° to core axis. Good moly is associated.	Visually Est. Moly									
733.6	810.2m	QUARTZ MOZONITE PORPHYRY: VARIABLE ALTERATION. 6a, 6b, 6aP	783.6 - 810.2m									
		This section of QMP has mainly chlorite to sericitic alteration with occassional weak potassic alteration. Most of the QMP is a gray green colour and short sections are a pale brown colour. Silicification of the QMP was quite strong throughout.	0.10% MoS_2 and 3-4% Pyrite Short sections appear to be greater than 0.10% MoS_2.									
		From 783.6 - 790.5m ≈ 10-20% hornfels inclusions. The ratio between sericitic and biotitic was 40:60. The inclusions are irregularly shaped and vary in size from <1 cm to 20-30cm. Most are generally < 10 cm. From 790.5 - 810.2m 2-3% inclusions.										
		Potassic alteration of the QMP occurs as narrow 1-4m selvages to veins and fractures. The quartz stockwork was moderately well developed and many of the veins contain molybdenite. Moly was also found along fracture planes.										
		Scattered throughout this section are vuggy quartz veins. The degree of vug intensity varies considerably.										
		783.65m 2.5cm vuggy quartz vein with moly along vein selvages.										
		790.1m 1cm quartz vein 5° to core axis. Very strong moly is associated.										
		795.55m 55cm biotite hornfels inclusion.										
		795.5 - 796.5m Broken core with a weak fault gouge at 20° to core axis.										
		798.5 - 803.7m Fault gouge partly cemented.										
		798.5 - 800.15 fault gouge not cemented. Low angle to core axis.										
		800.15 - 802.9m Cemented fault gouge. Fault gouge is cemented with pink K-spar. About 60% of the 2.75m is pink K-spar. The remainder of this zone consists of irregular stringer of quartz and irregular shaped fragments of gound core in the K-spar. Stringer of moly are found in the gouge zone with the K-spar and these stringers represent remobilized molybdenite. Molybdenite is also associated with the quartz stringers.										
		From 802.5m - 803.7m 10% F/g pyrite as clusters, disseminations in the gouge.										
		802.9 - 803.7m Non cemented gouge.										
		796.4m Vuggy 1cm quartz vein 20° to core axis. Good moly is associated.										
		796.7m 1 cm quartz vein 40° to core axis. Good moly is associated. Vein is cut by a barren 1cm quartz vein 60° to core axis.										
		796.8m 1.3cm quartz vein 40° to core axis. Very strong moly is associated.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
733.6	810.2m	Cont'd:										
		797.5m 1-2cm quartz vein 5° to core axis. Vein has strong moly associated.										
		801.5 - 801.05m Quartz and sericitic hornfels inclusion with strong moly associated. The quarts vein was irregular in shape.										
		803.3 - 804.6m Sericitic hornfels.										
		804.6 - 810.2m Sericitic QMP with no hornfels inclusions.										
		805.5 - 806.0m Several 5mm to 2cm quartz veins all well mineralized with Moly. There are several episodes of veining represented in these veins.										
		808.6m 65cm of gouge 30° to core axis.										
		From 804.6 - 810.2m there appears to be disseminated molybdenite in the QMP. This could be remobilized moly due to fault gouge zones located nearby.										
810.2	921.4m	A MIXTURE OF BIOTITE AND SERICITIC HORNFELS 4, 3										
		The first 1.5m of this section is brecciated where it is in contact with the QMP above. Most of the matrix of the breccia was quartz. Only minor QMP is present.										
		Foliation in the hornfels from 812 - 822m was about 80° to the core axis. Below 822m it is 0-30° to the core axis.										
		From 810.2 - 819m there are alternating bands varying in width from $<$1m to 3m of biotite and sericitc hornfels. From 819 - 836.4m there is mainly biotite hornfels. From 836.4 to 851.9m there is mainly sericitic hornfels.										
		From 851.9m there was a mixture of biotite and sericitic hornfels with biotite hornfels predominating.										
		The hornfels are strongly silicified throughout, however the strongest silicification is in the sericitic hornfels.										
		The hornfels have a moderate quartz stockwork developed. The quartz stockwork in the sericitic hornfels appears to be better than in the biotite hornfels.										
		There appears to be two episodes of quartz veining with molybdenite.										
		A late stage of quartz - feldspar veining with mainly pyrite and no visible moly is present. Also present are a series of $<$1mm carbonate veinlets which are also late. Both the quartz - pyrite - feldspar and carbonate veinlets are generally at a low angle to the core axis.										
		810.3m 1cm quartz vein 5° to core axis. Strong molybdenite is associated.										
		810.9m 2 cm quartz vein 85° to core axis. Moly was along the vein boundaries.										
		811.0m 1-2cm quartz vein 30° to core axis. Good moly is associated										

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PROPERTY Red Mountain HOLE NO. RMY 81-24 Ext.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
810.2	921.4m	Cont'd:						
		811.2m 1-1.5cm quartz vein 0° to core axis for 20 cm. good moly is associated.	810.2 - 881.3m					
		813.05m 1-2 cm quartz vein 5° to core axis. Good moly is in the vein.	0-0.8% - 0.10% MoS_2 and 2-3% Pyrite					
		815.2m 1-2cm quartz vein 0° to core axis for 30cm. Strong moly is associated.						
		816.4m 1.5-2cm quartz vein. Vein undulates at 0° to core axis for 40cm. Good moly is associated.						
		816.75m 7 mm quartz and feldspar vein 25° to core axis. 5-10% pyrite in vein.						
		817.3m 8mm quartz vein 5° to core axis. Fine grained disseminated moly in the vein.						
		818.2m 5mm quartz vein <5° to core axis. Strong moly is associated.						
		818.9m 7cm Rounded inclusion of sericitic QMP. A 2mm quartz vein with moly cuts both the QMP and the hornfels.						
		From 819.4 - 822.8m Several 3-15 cm inclusions of Chlorite and sericitic QMP.						
		From 820m a number of quartz veins are vuggy.						
		822.8m Two cross cutting fractures with thick coats of moly.						
		823.6m Irregulor blob of vuggy quartz with Pyrite.						
		825.0m 2.5cm quartz vein 50° to core axis. Good moly is associated.						
		825.25m 2 cm vuggy quartz vein 30° to core axis 10% pyrite is associated.						
		825.3m vuggy 2mm quartz vein 30° to core axis. Good moly is associated.						
		825.7m vuggy 1-3cm quartz vein 0° to core axis for 100 cm vein has moderate moly associated.						
		829.7m 3mm quartz vein 0° to core axis for 40cm. Good moly is associated.						
		830.5 - 832.5m and 835.6 - 840.05m Broken Core						
		833.1m Two cross cutting quartz veins 5mm and 3mm 40° to core axis. Good moly is associated.						
		834.1m 5mm quartz vein cutting a barren 1-4mm quartz vein. Mineralized vein is 30° to core axis.						
		835.9 - 836.6m 2-3 cm quartz vein 0° to core axis. Very strong moly is associated.						
		839.25m vuggy 3cm quartz vein 10° to core axis. Moderate moly is associated.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS					
810.2	921.4m	Cont'd:											
		841.4 - 842.0m and 846.45 - 850.1m Mainly broken core with 5cm of gouge at 30° to core axis at 846.75m and 6cm of gouge at 20° to core axis at 849.05m.											
		844.1m 2cm quartz vein 60° to core axis moderate moly in vein.											
		845.3m - 846.2m 3-5mm quartz vein 0° to core axis. Good disseminated moly is associated.											
		849.6m Fracture 80° to core axis with a good coating of moly.											
		850.8 - 851.55m 1-3cm quartz vein 0° to core axis. Strong moly in vein as a selvage.											
		From 851.9 - 914.7m a mixture of biotite and sericitc hornfels with biotite hornfels predominating. The sericitic hornfels are a pale green while the biotite hornfels are a dark greenish black.											
		The quartz stockwork was weak however there was still a number of vuggy quartz veins.											
		852.2m Two crosscutting quartz veins 5mm and 85° to core axis and 1.4cm and 45° to core axis. Both are vuggy and have minor moly associated.											
		856.25m 1 cm quartz vein 5° to core axis. Vuggy moderate moly is associated											
		857.9m 1cm vuggy quartz vein 30° to core axis. Moderate disseminated moly is associated.											
		861.5m 5 cm quartz vein 10° to core axis. Moderately vuggy. Trace moly is associated.											
		862.5m 2.5cm quartz veins 50° to core axis. Vein is barren.											
		864.0 - 864.9m Broken core.											
		864.9 - 865.4m 5mm to 2cm quartz vein 0° to core axis. Vein was vuggy and has moderate moly associated.											
		865.4m Fracture 20° to core axis. Good moly coating on the fracture.											
		866.55m 1.8 cm quartz vein 85° to core axis. Barren											
		866.75m 6cm quartz vein 20° to core axis Minor moly and 3-5% Pyrite is associated.											
		867.4m 2cm quartz vein 20° to core axis. Barren.											
		871.7m 4.5cm quartz vein 80° to core axis. Barren											
		871.9m 1 cm quartz vein 0° to core axis for 35cm moderate moly is associated.											
		872.5m 1.5cm quartz vein 80° to core axis. Strong moly selvages to vein .											
		872.8m 1cm quartz vein 5° to core axis. Disseminated moly in vein.											
		874.9m 5mm quartz vein 0° to core axis for 40cm. Vein has disseminated moly.											

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
810.2	921.4m	Cont'd:						
		875.3m 1cm quartz vein 10° to core axis. Moderate moly is associated.	Visually Est. Moly					
		876.0 - 876.9m 7mm to 1cm quartz vein 0° to core axis. Weak moly is associated.	881.3 - 892m					
		877.2m 1cm quartz vein 10° to core axis. Good moly is associated.	0.15% MoS_2 to 3-4% Pyrite					
		877.5m 5mm quartz vein 10° to core axis. Good moly is associated.						
		877.7m 3cm quartz vein 80° to core axis. Barren.						
		878.4m 3mm quartz vein with feldspar. Vein is late and has 15-20% pyrite. Vein is 5° to core axis.	892 - 921.4m					
		881.15 - 881.7m 5mm quartz vein 5° to core axis. Good moly is associated.	0.08 - 0.10% MoS_2 with a few short <1.5m sections which appear to be 0.10 - 0.15% MoS_2 3-4% Pyrite					
		883.05m 2-3cm quartz vein 80° to core axis. Strong moly is associated.						
		883.75m 2-2.5cm quartz vein 0° to core axis for 45 cm. Moderate moly is associated.						
		884.5m Vuggy 1-1.5cm quartz vein 0° to core axis for 1.2m. Vein has abundant moly associated.						
		884.5m 5mm to 1cm quartz vein cutting quartz vein above at 40° to core axis. Vein has good moly associated.						
		885.9m Vuggy 5mm quartz vein 0° to core axis for 30cm. Strong moly is associated.						
		887.0m 3cm quartz vein 5° to core axis. Good moly is associated.						
		887.6 - 892.1m Vuggy quartz vein <1cm to >5cm wide and intermittent down the core axis. Very strong moly in places mainly associated with the vugs in the vein.						
		A portion of the vein was wider than the core. This section occurs at 889.8m to 891.6m. This vein has to be late as it cuts a 5mm quartz and feldspar vein with 30% pyrite. This quartz and feldspar vein is usually later than moly mineralized quartz vein.						
		892.9m 3mm quartz vein 85° to core axis. Vein has good moly. Vein is cut by a 4mm quartz and pyrite vein at 30° to the core axis. This vein has 50% pyrite and no visible moly.						
		893.4m 5mm to 2cm quartz vein 15° to core axis. Good moly is associated.						
		894.45m 1.4cm quartz vein 85° to the core axis. Vein is Barren.						
		894.6m 1cm quartz vein 5° to core axis. Vein is barren.						
		894.7m 3mm quartz vein parallel to the quartz vein at 894.6m. This vein has good moly associated.						
		895.35m 3 cm quartz vein 45° to core axis. Vein has only trace moly associated.						
		895.7m 1-2cm quartz vein 5° to core axis. Good moly is associated.						
		896.0m 2cm quartz vein 30° to core axis. Trace moly and minor pyrite is associated with the vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
810.2	921.4m	Cont'd:										
		From 914.7 - 921.4m There is a change from a mixture of biotite and sericitic hornfels to strictly sericitic hornfels. Foliation is still moderately well developed and was generally less than 35° to the core axis. The sericitic hornfels area is very pale green in colour and there is very strong silicification associated.										
		From 920.6 - 921.4m there was a gouge zone at 35° to the core axis.										
		The hornfels have a moderate quartz stockwork with many of the quartz veins being wider than 1cm. A few of the quartz veins are well mineralized however, most appear to be only weakly mineralized or barren of molybdenite. A few fractures have good moly coatings however, most fractures are void of molybdenite.										
		896.3m 8mm quartz vein 30° to core axis. Moderate molybdenite occurs as a narrow selvage in the vein.										
		896.9m 1cm quartz vein 85° to core axis. This vein is barren.										
		897.6m 8mm to 1cm quartz vein 45° to core axis. Vein is barren.										
		898.2m 5mm quartz vein 45° to core axis. Good moly is associated.										
		898.3m 1cm to 2 cm quartz vein 20° to the core axis. Vein is barren.										
		898.6m 3cm quartz vein 40° to the core axis. Trace moly is associated.										
		902.2m 2-5cm quartz vein 50° to core axis. Good moly is associated.										
		902.4 - 902.75m Large quartz vein 10° to the core axis. Vein is barren. Vein is cut by a 1cm quartz vein at 20° to the core axis. Moderate moly is associated.										
		903.4m 1cm quartz vein 30° to core axis. Barren.										
		903.8m 2.5cm quartz vein 30° to core axis. Trace moly is associated.										
		905.2m Two parallel quartz veins. 1.5cm and 2.0cm. 70° to core axis. Veins have moderate moly as selvages in veins.										
		906.7 - 907.0m Quartz vein ≈10° to core axis. Vein is barren. Lower portion of the vein is cut by a 5mm quartz vein. 5° to core axis. This vein has moderate moly associated.										
		907.5m 8mm quartz vein 0° to core axis for 45 cm. Very strong moly is associated.										
		907.75m Irregular quartz vein down the core axis for 25cm. In places the quartz vein is larger than the core diamter. Trace disseminated moly and minor pyrite in the vein.										
		908.05m Two cross cutting quartz veins 1-5cm quartz vein 60° to core axis and a 3cm quartz vein 50° to core axis. Both veins are barren.										
		908.95m 8mm to 1cm quartz vein 80° to core axis. Disseminated moly is throughout vein.										
		909.45m 1.5cm quartz vein 50° to core axis. Good moly selvages to vein.										

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
810.2	921.4m	Cont'd:										
		910.5m 1.5cm quartz vein 30° to core axis. Moderate moly selvages are associated.										
		910.6m 1-1.5cm quartz vein 30° to core axis. Trace moly is associated.										
		911.95m 2 cm quartz vein 30° to core axis. Trace moly as vein selvage.										
		913.8m 5mm quartz vein 0° to core axis for 80cm. There is weak disseminated moly in the quartz vein.										
		913.9m 2 cm quartz vein 45° to the core axis. This vein cuts the one at 913.8m. This vein is barren.										
		914.3m Irregular 2cm quartz vein. Barren.										
		914.8 - 915.2m Irregular 5mm quartz vein 0° to the core axis. Good moly is associated.										
		916.4m 2cm quartz vein 40° to the core axis. Moderate moly as a selvage is associated.										
		917.2m 2 to 2.5cm quartz vein 80° to core axis. Barren.										
		917.85m Fracture 80° to core axis. Good moly is associated.										
		919.4 - 919.8m 50% quartz and 50% sericitic hornfels inclusions. There is moderate moly around the boundary of several of the inclusions.										
		920.0m Irregular veinlet of Late pink K-spar.										
		920.6m 10cm quartz vein 20° to core axis. Vein is in the gouge zone. Vein has moderate moly associated.										
	921.4m	END OF HOLE										

DDH RMY-82-27

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN	LATITUDE	L5+36W	STARTED	JUNE 11TH, 1982
HOLE NO.	RMY 82-27	DEPARTURE	0+05N	FINISHED	JULY 17TH, 1982
BEARING	VERTICAL	ELEVATION	1639m (5377')	LENGTH	1066.2m (3498')
DIP-COLLAR	-90^{0}	SECTION		LOGGED BY	P. BROWN

DIP TEST

Ft (Footage)	M.	Dip (Corrected)	Az	Ft (Footage)	M.	Dip (Corrected)	Az	Ft (Footage)	M.	Dip (Corrected)	Az
388	113.3	-88^{0}	207.5^{0}	1618	493.2	-88^{0}	279.5^{0}	2786	849.2	-88^{0}	279.5^{0}
817	249.0	-89^{0}	277.5^{0}	2039	621.5	-88^{0}	301.0^{0}	3198	974.8	-88^{0}	319.5^{0}
1228	374.3	-87^{0}	148.0^{0}	2412	735.2	-89^{0}	155.0^{0}				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0	14.0	Triconed Overburden & Broken Rock: Casing.	
14.0	56.5m	QUARTZ MONZONITE PORPHYRY OXIDIZED 6b	14.0 - 56.5m 0.05% MoS_2 ≈ 3-4% Py.

The QMP is a pale creamy to limonitic yellow in colour. Oxidation of the core is variable throughout and the bottom contact is gradational. Fractures with strong Fe staining are common throughout. Fractures are common with usually >5 fractures per metre. There are three prominent fractures directions; two at 10^{0} - 30^{0} to C.A., & one at >70^{0} to C.A. Fracture surfaces are usually irregular & rough.

The QMP consists of 30-50% 2-5mm often irregular shaped white to pale yellow feldspar phenocrysts. Up to 5% 2-7mm qtz eyes & 1-2% altered biotite phenocrysts in a F/g silicified matrix. The QMP has a moderate qtz stockwork developed throughout. Most of the qtz veins are < 3mm in width & there are at least 2 episodes of mineralized veins.

Scattered throughout this section are occasional 1-5cm inclusions of sericitic hornfels. Total content is < 1% of core.

Although silicification is pervasive there is a tendency for it to be strongest near fractures & qtz veins.

In this section the broken sections are usually short. The longer sections occur at:

20.1 - 20.7m broken core
21.0 - 21.8m " "
22.2 - 23.6m " "
24.4 - 25.8m " "
29.5m10cm of gouge
43.8 - 44.0m broken core
47.75 - 48.0m " "

Moly occurs as tiny hairline fracture fillings and associated with a number of the qtz veins. There isn't any usable Ferrimolybdite on fractures, & it appears to be only weak oxidation of moly.

RQD	SAMPLE NO.	From (metres)	To (metres)	Length (metres)	MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
33	W0001	14	15	1	.062	51	-	-	3
60	2	15	18	3	.073	26	16	8	2
49	3	18	21	3	.058	34	-	-	≤2
24	4	21	24	3	.052	30	32	9	≤2
41	5	24	27	3	.067	44	-	-	3
49	6	27	30	3	.084	73	22	24	<2
52	7	30	33	3	.065	74	-	-	2
68	8	33	36	3	.185	64	18	19	<2
80	9	36	39	3	.076	108	-	-	2
67	W0010	39	42	3	.083	50	28	20	4
81	11	42	45	3	.072	74	-	-	<2
59	12	45	48	3	.078	159	16	49	7
62	13	48	51	3	.064	172	-	-	3
49	14	51	54	3	.094	264	40	50	4
58	15	54	57	3	.075	222	-	-	2
60	16	57	60	3	.068	100	22	76	<2
51	17	60	63	3	.054	720	-	-	<2
39	18	63	66	3	.037	121	30	56	<2
63	19	66	69	3	.046	95	-	-	<2
57	W0020	69	72	3	.067	378	40	97	5
68	21	72	75	3	.056	318	-	-	2
87	22	75	78	3	.079	435	1300	1030	<2
57	23	78	81	3	.050	139	-	-	<2
76	24	81	84	3	.078	369	22	66	3
47	25	84	87	3	.040	405	-	-	7
39	26	87	90	3	.149	269	14	51	2
53	27	90	93	3	.083	475	-	-	<2
34	28	93	96	3	.068	250	12	54	<2
47	29	96	99	3	.102	338	-	-	4
64	W0030	99	102	3	.147	361	14	58	2
72	31	102	105	3	.120	510	-	-	3
58	32	105	108	3	.123	525	16	58	2
30	33	108	111	3	.174	323	-	-	2
42	34	111	114	3	.034	108	14	62	6
25	35	114	117	3	.049	87	-	-	2
59	36	117	120	3	.034	99	12	36	<2
39	37	120	123	3	.030	98	-	-	<2
47	38	123	126	3	.037	66	14	34	2

PROPERTY RED MOUNTAIN   HOLE NO. RMY 82-27

FOOTAGE From	FOOTAGE To	DESCRIPTION
14.0m	56.5m	Continued: 24.0m - 5mm qtz vein 5° to C.A. Barren. 24.5m - Irregular hairline fracture with moly. 26.2m - Minor fresh secondary biotite over a 20cm interval. Phenocrysts are 2mm. 26.65m - 1mm fracture of moly 40° to C.A. 31.20m - 1.5cm qtz vein 40° to C.A. Barren. 32.4-33.2m - Abundant red hematite staining. 34.45m - 5mm qtz vein 50° to C.A. Good moly associated. 34.6m 20cm of core with fresh secondary biotite. 35.0-36.0m 3-5mm qtz vein down C.A. Vein is vuggy but barren. 35.7m Several irregular moly stringers. 38.2m 2mm pyrite vein 30° to C.A. 41.2m Irregular 5-8mm qtz vein 30° to C.A. Moderate moly associated. 42.0-42.7m Minor introduction of pale cream coloured k-spar, occurring as irregular masses. 44.6m 10cm biotite hornfels inclusion. 45.0m 6cm inclusion of sericitic hornfels. 45.85m 3mm by 10cm stringer of Py 0° to C.A. 47.7-50.6m 10-20% sericitic hornfels inclusions. 47.7-53.5m An increase in pyrite content to about 10%. Pyrite occurs as stringers following irregular & crosscutting fractures. 47.7m Several irregular fractures with moly. 55.0m 25cm inclusion of biotite hornfels.
56.5	111.3m	PALE GRAYISH GREEN WEAKLY SERICITIC QMP. 6b The QMP has up to 5% foliated sericitic & biotitic hornfels inclusions scattered throughout. Most inclusions are a pale green; they vary in size from 2cm to 60cm. The QMP is strongly silicified. The feldspar phenocrysts are usually a pale cream colour and only weakly altered. They vary in size from 2-5mm and in abundance, 30-40%. Biotite phenocrysts present are completely altered to sericite and there are 5-10% 3-7mm qtz eyes. The quartz stockwork is only moderately developed. Several fractures in this section contain strong Fe staining. There are 2- >5 fractures per metre. Most are > 45° to C.A. and have rough irregular surfaces. A number of qtz veinlets have minor moly associated, along with moly occurring along irregular fractures. Pyrite is abundant throughout with 3-5% Py. Py occurs as veinlets and fracture fillings and as disseminations. At 60.5m a 1cm late pink feldspar vein containing 10% Py, 5-10% sphalerite, moderate moly and possible galena. Vein is 15° to C.A. 62.05m 4mm qtz vein 30° to C.A. 50% Py. 65.5m-65.8m Broken core. 65.5-68.2m Moderate oxidation of rock, in short 2-10cm segments with strongest alteration adjacent to fractures. 68.4m Fracture 30° to C.A. Moly coating on fracture. 71.0m 3cm gouge zone 10° to C.A. Zone has strong hematite staining. From 70m down hole, the intensity of the alteration is decreasing.

% Mineralization RDQ	SAMPLE NO.	FOOTAGE (metres) From	To	Length	ASSAYS MoS2%	Cu ppm	Pb ppm	Zn ppm	W ppm
24	W0039	126	129	3	.014	120	--	--	3
47	40	129	132	3	.025	108	24	79	<2
25	41	132	135	3	.067	226	--	--	4
32	42	135	138	3	.087	324	165	182	4
64	43	138	141	3	.043	300	--	--	7
59	44	141	144	3	.051	350	14	75	3
93	45	144	147	3	.157	372	--	--	<2
55	46	147	150	3	.047	396	225	108	2
75	47	150	153	3	.045	284	--	--	4
61	48	153	156	3	.050	371	22	51	<2
74	49	156	159	3	.060	232	--	--	2
52	W0050	159	162	3	.142	192	22	53	2
75	51	162	165	3	.125	282	--	--	<2
69	52	165	168	3	.104	194	18	52	<2
53	53	168	171	3	.063	276	--	--	5
65	54	171	174	3	.061	262	16	52	<2
67	55	174	177	3	.065	207	--	--	6
70	56	177	180	3	.098	185	32	44	3
71	57	180	183	3	.080	120	--	--	4
55	58	183	186	3	.063	96	21	45	10
55	59	186	189	3	.075	40	--	--	3
65	W0060	189	192	3	.088	113	15	44	4
76	61	192	195	3	.042	161	--	--	2
47	62	195	198	3	.096	102	14	42	2
75	63	198	201	3	.095	120	--	--	<2
56	64	201	204	3	.044	227	20	74	4
55	65	204	207	3	.075	219	--	--	3
69	66	207	210	3	.089	185	16	67	3
65	67	210	213	3	.090	159	--	--	3
59	68	213	216	3	.187	143	20	46	5
66	69	216	219	3	.110	92	--	--	2
44	W0070	219	222	3	.071	65	60	96	6
68	71	222	225	3	.058	33	--	--	4
51	72	225	228	3	.092	56	40	84	4
14	73	228	231	3	.080	58	--	--	3
27	74	231	234	3	.072	8	18	48	2
16	75	234	237	3	.095	7	--	--	2
54	76	237	240	3	.088	16	120	107	3
57	77	240	243	3	.073	31	--	--	2
37	78	243	246	3	.070	68	22	37	<2
11	79	246	249	3	.131	73	--	--	3
6	W0080	249	252	3	.083	144	205	595	4
15	81	252	255	3	.073	44	--	--	<2
0	82	255	258	3	.096	57	102	137	<2
6	83	258	261	3	.147	16	--	--	3
17	84	261	264	3	.112	12	18	21	<2
44	85	264	267	3	.118	15	--	--	2
26	86	267	270	3	.058	9	18	14	5
25	87	270	273	3	.025	7	--	--	2
43	88	273	276	3	.057	24	30	24	7
32	89	276	279	3	.018	22	--	--	5
33	W0090	279	282	3	.035	24	36	46	3
13	91	282	285	3	.064	24	--	--	6
61	92	285	288	3	.022	24	32	22	4

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. RMY 82-27

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
56.5m	111.3m	CONTINUED:	
		75.4m Minor pink calcite. Some of the fractures still have moderate to strong Fe staining.	
		From 70m another set of fractures 0-30° to C.A. are also present in good numbers.	
		80.2m Several parallel fractures and 5mm-wide qtz veins with very strong moly associated. Vein at 25° to C.A.	
		Pyrite is still abundant.	
		82.25m 3cm qtz vein 40° to C.A. Moderate moly along vein selvages.	
		82.4m 30cm of 15-20% vuggy pyrite in veins & fractures.	
		82.7-86.7m A large inclusion of sericitic hornfels, with minor biotite hornfels. The hornfels is very strongly silicified and well foliated. Folation varies from 0-30° to the C.A. Upper contact is irregular, lower contact is sharp at 60° to C.A. The hornfels has a weak to moderate quartz stockwork and only weak visible moly. Below the hornfels contact, the sericitic QMP has a good qtz stockwork with moderate to good moly associated. Many of the better mineralized veins and fractures are at a low angle to the C.A.	
		87.6-88.2m Several well mineralized fractures and veinlets with moly at 0-20° to C.A.	
		88.7-89.8m Several well mineralized qtz veins. Most are only 1-4mm in width.	
		89.4m A well mineralized 4cm qtz vein at 20° to C.A.	56.5-86.7m 0.05-0.07% MoS_2 & 3-4% Py.
		90.3-91.5m Well foliated sericitic hornfels upper and lower contacts sharp at 30° & 50° to C.A. Hornfels are foliated at 45° to C.A. and have only weak qtz stockwork.	
		Below 91.5m continuation of moderately mineralized sericitic QMP. Occasional feldspar phenocrysts are up to 7mm most are 2-4mm. Most veins are > 5mm in width with two principal directions at 0-20° & 45-50° to C.A.	86.7-111.3m 0.10-0.15% MoS_2 & 1-2% Py.
		93.3m 1cm qtz vein 5° to C.A. with several stringers of moly within the vein.	
		94.3m 1cm qtz vein down C.A. for 30cm. Only weak moly is associated.	
		98.15m 8mm qtz vein 25° to C.A. Several stringers of moly in vein.	
		99.1-99.4m Three large crosscutting quartz veins all about 25° to C.A. Each has good moly associated.	
		100.1m 1cm qtz vein 20° to C.A. Strong moly is associated.	
		100.85m 1-2cm qtz vein 30° to C.A. Good moly as a vein selvage.	
		104.1m 5mm qtz vein 90° to C.A. Good moly in vein.	
		106.7m 1-1.5cm qtz vein 20° to C.A. Vein has good moly associated. Vein cuts a fracture at 30° to C.A. The fracture also has good moly associated.	
		107.45m 1cm qtz vein 25° to C.A. Strong moly is associated.	
		110.6m 5mm qtz vein 30° to C.A. Good moly is associated.	
		110.75m 1cm qtz vein 90° to C.A. Moly is present in vein.	
		56.5-86.7m 0.05-0.07% MoS_2 & 3-4% Py.	
		86.7-111.3m 0.10-0.15% MoS_2 & 1-2% Py.	

RQD	SAMPLE NO.	FOOTAGE (metres) From	To	Length	ASSAYS MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
60	W0093	288	291	3	.054	22	--	--	2
36	94	291	294	3	.050	24	37	20	2
26	95	294	297	3	.114	24	--	--	8
45	96	297	300	3	.176	34	30	28	11
100	97	300	303	3	.113	24	--	--	9
65	98	303	306	3	.148	22	26	22	6
78	99	306	309	3	.115	28	--	--	3
87	W0100	309	312	3	.215	26	32	26	4
82	101	312	315	3	.140	32	--	--	3
66	102	315	318	3	.106	32	26	26	2
67	103	318	321	3	.190	32	--	--	4
72	104	321	324	3	.138	38	64	34	8
40	105	324	327	3	.233	24	--	--	3
39	106	327	330	3	.081	24	24	24	14
90	107	330	333	3	.071	24	--	--	2
62	108	333	336	3	.092	22	30	28	6
77	109	336	339	3	.123	22	--	--	3
90	W0110	339	342	3	.184	22	26	28	2
91	111	342	345	3	.152	30	--	--	7
61	112	345	348	3	.151	44	104	80	70
72	113	348	351	3	.147	34	--	--	5
83	114	351	354	3	.185	36	38	64	5
81	115	354	357	3	.111	40	--	--	<2
60	116	357	360	3	.148	52	25	30	3
79	117	360	363	3	.153	60	--	--	<2
12	118	363	366	3	.152	40	41	58	<2
26	119	366	369	3	.170	80	--	--	2
22	W0120	369	372	3	.192	74	76	86	4
16	121	372	375	3	.185	36	--	--	3
46	122	375	378	3	.137	50	46	68	3
83	123	378	381	3	.151	72	--	--	4
72	124	381	384	3	.144	78	60	118	5
38	125	384	387	3	.286	294	--	--	2
0	126	387	390	3	.155	48	124	100	7
97	127	390	393	3	.128	78	--	--	4
93	128	393	396	3	.164	62	180	138	23
100	129	396	399	3	.098	46	--	--	4
72	W0130	399	402	3	.214	44	54	54	5
90	131	402	405	3	.133	52	--	--	3
60	132	405	408	3	.149	62	232	216	3
81	133	408	411	3	.098	52	--	--	6
91	134	411	414	3	.168	64	152	112	8
76	135	414	417	3	.190	52	--	--	4
70	136	417	420	3	.103	66	52	112	<2
80	137	420	423	3	.088	66	--	--	13
100	138	423	426	3	.079	42	100	110	11
87	139	426	429	3	.118	70	--	--	18
97	W0140	429	432	3	.071	52	68	122	12
100	141	432	435	3	.085	48	--	--	14
97	142	435	438	3	.140	42	114	120	5
81	143	438	441	3	.090	44	--	--	<2
63	144	441	444	3	.129	44	58	62	<2
70	145	444	447	3	.084	44	--	--	2
58	146	447	450	3	.228	32	30	122	<2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
111.3	136.6m	A MIXTURE OF CHLORITIC AND SERICITIC QUARTZ MONZONITE PORPHYRY 6a, 6b	111.3-136.6m 0.05% MoS_2 & 3% Py.
136.6	172.75m	A MIXTURE OF BIOTITE AND SERICITE HORNFELS 4, 3	

111.3 – 136.6m A MIXTURE OF CHLORITIC AND SERICITIC QUARTZ MONZONITE PORPHYRY 6a, 6b

Lower contact of unit is broken.

The main distinctions between chloritic and sericitic are the alteration of biotite and the intensity of feldspar alteration. Generally speaking there is a weaker qtz stockwork developed in the chloritic QMP, and the chloritic QMP is a darker greenish-gray in colour. The composition of the rock is the same.

This section has several broken and gouge zones. These occur at:

- 121.2 - 122.1m Broken Core
- 129.0 - 129.8m " "
- 132.0 - 132.9m " "
- 134.7 - 135.0m Fault Gouge
- 135.5 - 136.2m Fault gouge 5° to C.A.

The fault gouge zones are adjacent to the contact with hornfels below.

The QMP has only a weak qtz stockwork developed and only weak moly mineralization associated. The majority of this section is chloritic QMP with only short 30-60cm sections of sericitic QMP to 122m contacts are gradational to sharp.

In the chloritic sections there appears to be a secondary growth of biotite which is fresh looking.

117.2m 3mm qtz vein 30° to C.A. Moderate moly is associated.
123.9m 1cm qtz vein 0° to C.A. for 50cm. 5-10% pyrite in vein.
125.1m 3mm qtz vein 45° to C.A. Vein has good moly associated.
127.5m 8cm gouge zone 25° to C.A.

Below 122m the rock is becoming more sericitic. However, the qtz stockwork is still weak.

132.2-132.8m Foliated sericitic hornfels. Contacts are broken.
132.8-136.6m Sericitic QMP with an improved qtz stockwork and moly contact.

111.3-136.6m 0.05% MoS_2 & 3% Py
Pyrite occurs as stringers & disseminations.

136.6 – 172.75m A MIXTURE OF BIOTITE AND SERICITE HORNFELS 4, 3

This unit has a broken upper contact. This section has several inclusions of chloritic and sericitic QMP. The largest occurs at 155.6-167.15m. The lower contact of the QMP inclusion is broken. Upper contact appears to be assimilated hornfels. The QMP is massive with a weak qtz stockwork and only weak moly associated. There is a secondary growth of biotite in the assimilated hornfels.

The hornfels are well foliated at 40-50° to the C.A. The hornfels are strongly silicified and have a moderate qtz stockwork developed. Veins are generally larger than in the QMP. Moly mineralization is not well developed except in a few sporatic veins.

137.3m 4mm qtz vein 0° to C.A. for 80cm. Vein has moderate moly associated
138.5m 4cm qtz vein 50° to C.A. 10% Py.
139.4m 2.5cm qtz vein with 20% late K-spar & very strong moly. K-spar is in a vein parallel to the qtz vein.

At 144.0m 5cm inclusion of chloritic QMP with irregular contacts.

RQD	SAMPLE NO.	FOOTAGE (metres) From	To	Length	ASSAYS MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
31	W0147	450	453	3	.111	46	--	--	3
60	148	453	456	3	.223	38	20	28	<2
41	149	456	459	3	.148	30	--	--	<2
68	W0150	459	462	3	.220	30	28	24	3
80	151	462	465	3	.154	28	--	--	<2
19	152	465	468	3	.202	32	112	32	3
59	153	468	471	3	.195	34	--	--	2
62	154	471	474	3	.201	28	24	38	5
100	155	474	477	3	.196	26	--	--	25
100	156	477	480	3	.252	24	14	24	<2
100	157	480	483	3	.163	22	--	--	3
63	158	483	486	3	.286	20	10	26	5
66	159	486	489	3	.092	22	--	--	5
79	W0160	489	492	3	.062	30	26	28	4
80	161	492	495	3	.053	36	--	--	6
87	162	495	498	3	.063	38	74	60	3
69	163	498	501	3	.046	32	--	--	11
57	164	501	504	3	.050	50	178	160	15
41	165	504	507	3	.069	70	--	--	17
54	166	507	510	3	.069	44	158	140	22
67	167	510	513	3	.086	44	--	--	4
53	168	513	516	3	.059	58	214	130	6
77	169	516	519	3	.076	42	--	--	5
52	W0170	519	522	3	.170	26	56	126	<2
67	171	522	525	3	.180	36	--	--	3
53	172	525	528	3	.228	34	158	154	7
40	173	528	531	3	.195	24	--	--	2
51	174	531	534	3	.238	32	57	124	6
68	175	534	537	3	.255	20	--	--	3
69	176	537	540	3	.350	24	92	156	2
37	177	540	543	3	.305	20	--	--	4
63	178	543	546	3	.303	26	46	80	3
72	179	546	549	3	.248	30	--	--	5
30	W0180	549	552	3	.333	28	16	40	5
23	181	552	555	3	.222	22	--	--	4
86	182	555	558	3	.148	96	32	68	8
84	183	558	561	3	.255	56	--	--	<2
89	184	561	564	3	.368	34	32	84	6
94	185	564	567	3	.165	52	--	--	3
77	186	567	570	3	.195	32	40	50	<2
44	187	570	573	3	.246	26	--	--	<2
24	188	573	576	3	.264	26	76	86	3
71	189	576	579	3	.215	30	--	--	2
61	W0190	579	582	3	.160	30	120	190	<2
48	191	582	585	3	.205	30	--	--	<2
47	192	585	588	3	.094	76	72	150	<2
56	193	588	591	3	.203	34	--	--	2
96	194	591	594	3	.174	30	56	46	2
72	195	594	597	3	.208	28	--	--	3
71	196	597	600	3	.257	30	52	102	<2
82	197	600	603	3	.233	34	--	--	13
75	198	603	606	3	.218	82	112	412	17
78	199	606	609	3	.295	24	--	--	14

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
136.6	172.75m	CONTINUED: 144.1m 2cm qtz vein 10° to C.A. Vein has good moly associated. 145.6m Several 2-10cm inclusions of chloritic QMP over a 1m interval. 146.8m 3cm qtz vein 10° to C.A. Barren. 150.35m 30cm of assimilated hornfels. 159.4-160.4m Broken core, last 5cm is gouge at 30° to C.A. Good moly content is associated with the gouge. 172.0-172.5m Broken Core with the last 10cm being gouge. From 155m foliation is generally at a lower angle to C.A. 0-30°. Silicification is still strong. There are at least 2 episodes of qtz veining with moly and several veining episodes without moly but may contain pyrite. Trace amounts of epidote occurring along fractures is noted. 161.4m -- 5cm qtz vein 20° to C.A. Moderate moly is associated. Pyrite is associated with a vein at 0-25° to C.A. at 161.5m. Pyrite occurs as disseminations and stringers. 167.4m -- 1mm fracture 30° to C.A. with moly. A few of the qtz veins in the hornfels are weakly vuggy. 136.6-172.75m -- 0.05-0.08% MoS_2 & 3-5% Py.	136.6-172.75m 0.05-0.08% MoS_2 & 3-5% Pyrite.
172.75	228.6m	A MIXTURE OF SERICITIC AND CHLORITIC QMP WITH VARYING AMOUNTS OF HORNFELS INCLUSIONS 6b, 6a, 4, 3 In places the rock is actually a breccia, consisting of angular to rounded fragments of hornfels with the matrix being QMP. The best looking breccias occur at: 175.7m 30cm; 176.2m 50cm. From 172.75-200.3m there are approximately 5-15% hornfels inclusions in the QMP 200.3-205.75m Only rare hornfels inclusion. 205.75-228.6m 5-15% hornfels inclusions in the QMP. Fragments vary in size from ≤1cm to 10-15cm with occasionally larger ones. Composition is either biotitic or sericitic. More of the sericitic fragments occur towards the lower contact. 174.5-175.2m -- The QMP is very vuggy. The QMP is a pale greenish gray in colour & is composed 40-70% 2-6mm sericitic feldspar phenocrysts. In the chloritic sections, feldspar phenocrysts are fresher looking. 3-5% qtz eyes & 1-3% sericitic to chloritic to fresh biotite phenocrysts in a f/g siliceous matrix. There is only a weak qtz stockwork developed with moderate moly associated. Most of the veins are < 2mm and often offset by later fractures. Good moly coatings occur on some of the fractures. 177.6m -- 1mm coating of moly on a fracture 30° to C.A. Minor traces of K-spar noted at 180.05m and at 180.95m where it occurs as a selvage to a fracture. Noted at 186.5m, 1cm by 5cm qtz vein that has been offset. Vein has good moly selvages. From 186.7m, most of the QMP is sericitic. Between 186.7-191.0m, about 5% hornfels inclusions.	

RDQ	SAMPLE NO.	FOOTAGE (metres) From	To	Length	ASSAYS MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
38	W0200	609	612.3	3.3	.225	52	84	152	6
61	201	612.3	615	2.7	.118	50	--	--	7
85	202	615	618	3	.077	32	48	70	4
98	203	618	621	3	.003	28	--	--	4
78	204	621	624	3	.137	36	40	66	3
100	205	624	627	3	.002	30	--	--	2
100	206	627	630	3	.002	36	14	78	<2
80	207	630	633	3	.074	38	--	--	<2
78	208	633	636	3	.208	74	10	44	2
97	209	636	639	3	.175	20	--	--	<2
72	W0210	639	642	3	.329	18	10	20	3
86	211	642	645	3	.250	34	--	--	2
79	212	645	648	3	.194	30	44	76	5
82	213	648	651	3	.207	20	--	--	3
91	214	651	654	3	.256	26	10	40	4
55	215	654	657	3	.190	32	--	--	2
100	216	657	660	3	.197	25	20	40	3
100	217	660	663	3	.173	22	--	--	2
100	218	663	666	3	.299	23	12	27	6
85	219	666	669	3	.218	24	--	--	≤2
100	W0220	669	672	3	.198	26	24	40	2
97	221	672	675	3	.205	24	--	--	≤2
90	222	675	678	3	.126	20	18	24	<2
77	223	678	681	3	.243	34	--	--	3
89	224	681	684	3	.114	118	14	42	<2
97	225	684	687	3	.254	24	--	--	2
100	226	687	690	3	.320	24	12	30	<2
100	227	690	693	3	.292	23	--	--	<2
100	228	693	696	3	.250	23	10	18	3
97	229	696	699	3	.362	24	--	--	4
100	W0230	699	702	3	.695	22	12	34	3
100	231	702	705	3	.312	25	--	--	2
100	232	705	708	3	.255	24	12	32	7
97	233	708	711	3	.319	28	--	--	4
94	234	711	714	3	.179	28	10	52	<2
72	235	714	717	3	.193	38	--	--	<2
61	236	717	720	3	.160	27	12	50	<2
33	237	720	723	3	.255	22	--	--	<2
49	238	723	726	3	.249	20	10	36	<2
52	239	726	729	3	1.115	18	--	--	<2
56	W0240	729	732	3	.158	30	56	152	17
70	241	732	735	3	.028	64	--	--	12
41	242	735	738	3	.019	46	26	68	23
39	243	738	741	3	.004	120	--	--	<2
48	244	741	744	3	.005	75	14	52	2
64	245	744	747	3	.007	78	--	--	14
30	246	747	750	3	.004	48	10	45	<2
49	247	750	753	3	.003	26	--	--	<2
45	248	753	756	3	.003	64	14	46	<2
34	249	756	759	3	.002	126	--	--	<2
10	W0250	759	762	3	.005	84	16	354	<2
41	251	762	765	3	.006	70	--	--	3
50	252	765	768	3	.012	52	22	58	15
57	253	768	771	3	.007	66	--	--	<2

FOOTAGE From	FOOTAGE To	DESCRIPTION
172.75	228.6m	CONTINUED:
		189.75m 5mm to 1cm qtz vein 35° to C.A. Strong moly is associated.
		189.95m 2 parallel fractures with good moly.
		189.2m 20cm gouge zone at 40° to C.A.
		191.1-193.2m ≈ 30% hornfels.
		195.1-195.4m Several 1-4mm qtz veins with good moly associated. Veins are crosscutting, however both are 20-30° to C.A.
		197.4-197.9m Inclusion of biotite hornfels.
		198.0-199.8m Section has good qtz stockwork and what appears to better than 0.20% MoS_2. Veins are usually < 5mm in width. Moly also occurs along a number of fractures.
		203.2m 2-3mm vein of gypsum at 20° to C.A. This is first noted occurrence of gypsum in this hole.
		199.9-201.3m Several inclusions of sericitic hornfels.
		211.3m Trace bright green muscovite-Apatite.
		206.4m 20cm gouge at 30° to C.A.
		209.5m Trace greenish blue mineral. Hardness 3-4, maybe strontianite. Mineral is in a vein.
		210.65m Irregular 4mm qtz vein 30° to C.A. Good moly is associated.
		211.45m 5mm qtz vein 20° to C.A. Moly occurs as a vein selvage.
		212.1m Two parallel 3mm-wide late, pink k-spar veins 10° to C.A.
		213.4m 5mm by 6cm vein of Apatite-muscovite.
		215.3-215.8m Broken QMP with pale pink late k-spar as a matrix. Breccia? has disseminations of moly as well as later crosscutting fractures.
		216.0m 1cm qtz vein 20° to C.A. moly and pyrite occur as a selvage in the vein.
		217.4-218.2m 80% biotite hornfels.
		220.0-228.6m In this section, there is very little visable moly & only weak to moderate qtz stockwork. There are several large barren qtz vein in this last 8 metres.
		223.1m 2cm qtz vein 20° to C.A. Barren
		223.85m 2cm qtz vein 40° to C.A. Barren
		225.1m 2.5cm qtz vein 30° to C.A. Barren.
		172.75 - 228.6m 0.05-0.10% MoS_2 and 2-4% Py. Short sections appear to have better than 0.10% moly.
228.6	272.5m	FAULT GOUGE ZONE: 6b
		Section is composed mainly of ground rock (clay) with brecciated rock. Intervening solid rock is a dyke related to the QMP. The dyke is a porphyry, however the most prominent phenocrysts is a pink feldspar usually 1-5mm in diameter. There are also numerous 1-2mm white feldspar phenocrysts and qtz phenocrysts of the same size. The rock is a pale cream colour with a grayish tinge. There are no mafic minerals and the rock could be called an Alaskite. The dyke is late since it contains no qtz veining. However it has molybdenite. Occurring as 1-2mm disseminations and coatings along fractures. In places the disseminations appear to occur in clusters. This dyke could be related to a Source Rock, occurring here as a dyke penetrating along a fault.

% Mineralization	RDQ	SAMPLE NO.	FOOTAGE (metres) From	To	Length	MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
	78	W0254	771	774	3	.005	88	10	34	<2
	73	255	774	777	3	.002	68	--	--	<2
	61	256	777	780	3	.007	68	22	80	3
172.75-228.6m	72	257	780	783	3	.002	102	--	--	4
0.05-0.10%	61	258	783	786	3	.002	84	12	40	<2
MoS_2 & 2-4%	84	259	786	789	3	.005	180	--	--	<2
Py.	77	W0260	789	792	3	.010	94	12	128	7
	59	261	792	795	3	.003	162	--	--	2
Short sections	65	262	795	798	3	.002	130	12	50	<2
appear to have	70	263	798	801	3	.003	384	--	--	<2
greater than	47	264	801	804	3	.002	326	16	602	<2
0.10% MoS_2.	70	265	804	807	3	.002	480	--	--	<2
	77	266	807	810	3	.002	248	32	150	2
	56	267	810	813	3	.002	94	--	--	7
	11	268	813	816	3	.004	338	20	640	3
	56	269	816	819	3	.002	272	--	--	7
	48	W0270	819	822	3	.003	290	12	316	3
	68	271	822	825	3	.002	136	--	--	<2
	55	272	825	828	3	.002	276	18	290	2
	23	273	828	831	3	.001	266	--	--	<2
	14	274	831	834	3	.001	166	16	101	<2
	17	275	834	837	3	.003	106	--	--	8
	30	276	837	840	3	.004	138	22	107	9
	9	277	840	843	3	.002	154	--	--	6
	21	278	843	846	3	.002	92	16	52	4
	14	279	846	849	3	.001	140	--	--	7
	17	W0280	849	852	3	.003	258	16	76	4
	56	281	852	855	3	.002	160	--	--	6
	56	282	855	858	3	.002	226	32	128	15
	57	283	858	861	3	.004	142	--	--	5
	37	284	861	864	3	.005	82	14	44	3
	23	285	864	867	3	.008	300	--	--	10
	9	286	867	870	3	.002	186	20	86	4
	5	287	870	873	3	.002	116	--	--	<2
	47	288	873	876	3	.002	496	48	720	4
	65	289	876	879	3	.002	376	--	--	12
	38	W0290	879	882	3	.001	410	38	122	3
	33	291	882	885	3	.002	520	--	--	<2
	32	292	885	888	3	.002	600	20	105	2
	69	293	888	891	3	.001	710	--	--	3
	78	294	891	894	3	.001	950	34	104	7
	41	295	894	897	3	.002	452	--	--	<2
	66	296	897	900	3	.001	472	26	116	9
	37	297	900	903	3	.001	380	--	--	16
	58	298	903	906	3	.002	672	30	226	4
CuPPm	43	299	906	909	3	.001	76	--	--	7
	33	W0300	909	912	3	.001	62	24	40	3
	68	301	912	915	3	.002	290	--	--	8
	78	302	915	918	3	.002	116	18	42	2
	13	303	918	921	3	.003	58	--	--	9
	74	304	921	924	3	.002	178	18	43	2
	87	305	924	927	3	.001	328	--	--	3
	69	306	927	930	3	.002	78	16	45	3
	53	307	930	933	3	.001	84	--	--	5

Footage From	Footage To	Description	% Mineralization
228.6	272.5m	CONTINUED:	
		228.6-234.5m Breccia and gouge. Lower contact 10° to C.A.	MoS_2
		234.5-235.4m Dyke mainly broken core.	
		235.4-236.0m Gouge and broken core. Lower contact 20° to C.A.	
		236.0-241.9m Mainly massive dyke.	
		241.9-244.6m Gouge with sections of broken dyke.	
		244.6-246.0m Mainly massive dyke.	
		246.0-247.3m Gouge 50° to C.A.	
		247.3-250.6m Broken core. Minor dyke. Breccia and sericitic QMP.	
		250.6-251.6m Gouge 60° to C.A.	
		251.6-253.6m Minor dyke, breccia and sericitic QMP.	
		253.6-261.8m 90% gouge, 45° to C.A. Contacts are brecciated.	
		261.8-264.1m Broken QMP.	
		264.1-266.2m Massive QMP with assimilated hornfels.	
		266.2-266.4m Highly broken core partly ground.	
		266.4-267.5m 80% silica.	
		267.5-268.5m Partly ground core. Mainly silica.	228.6-272.5m
		268.5-269.1m Silica.	0.05-0.08%
		269.1-270.05m QMP. Not strongly broken.	MoS_2 & 3-4%
		270.05-272.5m Broken core. Mainly gouge, qtz and minor sericitic QMP.	Pyrite.
		In places there is a fair percentage of pink k-spar, which occurs as a matrix in brecciated sections. Qtz and hornfels fragments also occur in the breccias.	
		From 233.8m, angular to rounded <1 to 10cm inclusions of hornfels are present.	
		240.3-240.9m -- Irregular 3-4cm pink k-spar vein with pyrite and moly. Vein is at 0° to C.A.	
		Within the gouge zones there are <1 to several centimetre diameter fragments of rocks embedded in a clay matrix.	
		The sections of QMP are generally sericitic and have only weak qtz stockwork and moly associated.	
		257.7m Irregular 4cm qtz vein 90° to C.A. Moly along vein selvage.	
		262.1m Irregular 10cm of qtz with minor moly. Qtz has been broken and recemented with silica.	
		264.2m 1.5cm qtz vein 30° to C.A. Barren.	
		264.6-265.2m 10% of core occurs as stringers and veinlets of late k-spar. Pale pink in colour.	
		268.1-268.8m Massive qtz with 10% Pyrite.	
		228.6-262.5m 0.05-0.08% MoS_2 and 3-4% Pyrite.	
272.5	295.3m	SERICITIC QUARTZ MONZONITE PORPHYRY 6b	
		This section is moderately broken and there are several short gouge zones.	
		278.8-279.0m Broken core with several 1-3cm gouge zones at 45° to C.A.	
		280.1m 25cm gouge zone 60° to C.A.	
		282.0m 30cm gouge zone 25° to C.A.	
		282.6m 10cm gouge zone	
		283.2m 40cm gouge zone 30° to C.A.	
		292.8m 3cm gouge zone 20° to C.A.	

RQD	Sample No.	Footage (metres) From	To	Length	MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
48	W0308	933	936	3	.001	192	38	41	8
64	309	936	939	3	.002	150	--	--	4
30	310	939	942	3	.002	68	12	41	14
38	311	942	945	3	.001	220	--	--	11
64	312	945	948	3	.001	208	12	36	8
43	313	948	951	3	.002	152	--	--	15
60	314	951	954	3	.002	360	28	54	12
29	315	954	957	3	.002	150	--	--	<2
57	316	957	960	3	.002	180	22	34	<2
65	317	960	963	3	.001	92	--	--	<2
41	318	963	966	3	.001	66	22	40	7
29	319	966	969	3	.002	88	--	--	3
24	W0320	969	972	3	.002	52	24	46	5
58	321	972	975	3	.003	36	--	--	10
44	322	975	978	3	.002	126	18	48	4
37	323	978	981	3	.004	70	--	--	6
56	324	981	984	3	.003	76	22	42	5
58	325	984	987	3	.005	66	--	--	25
69	326	987	990	3	.003	68	8	46	2
75	327	990	993	3	.002	98	--	--	22
73	328	993	996	3	.004	96	20	50	6
49	329	996	999	3	.005	154	--	--	19
49	W0330	999	1002	3	.007	206	14	38	6
30	331	1002	1005	3	.009	172	--	--	20
64	332	1005	1008	3	.007	90	14	42	21
82	333	1008	1011	3	.008	134	--	--	58
37	334	1011	1014	3	.005	118	12	32	36
61	335	1014	1017	3	.005	72	--	--	23
61	336	1017	1020	3	.004	88	10	34	38
34	337	1020	1023	3	.005	62	--	--	38
61	338	1023	1026	3	.004	62	6	44	28
43	339	1026	1029	3	.009	86	--	--	36
65	W0340	1029	1032	3	.012	54	20	52	3
56	341	1032	1035	3	.148	34	--	--	4
83	342	1035	1038	3	.362	20	16	30	2
87	343	1038	1041	3	.298	18	--	--	7
60	344	1041	1044	3	.326	18	16	40	3
35	345	1044	1047	3	.175	24	--	--	<2
81	346	1047	1050	3	.089	70	16	86	11
85	347	1050	1053	3	.090	70	--	--	9
90	348	1053	1056	3	.223	11	14	26	6
97	349	1056	1059	3	.113	12	--	--	3
79	W0350	1059	1062	3	.232	10	14	16	4
59	351	1062	1066.2	4.2	.302	46	--	--	2

W0351 IS END OF D.D.H. RMY 82-27.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
272.5	295.3m	CONTINUED: The gouge zones are composed of clay size material with fragments of qtz and QMP embedded in it. The QMP is a pale cream gray in colour and consist of 50-60%, 2-4mm feldspar phenocrysts, up to 10% 3-5mm qtz eyes and 1-2% sericitized biotite in a f/g siliceous matrix. The qtz stockwork is weakly developed and only minor moly is associated with most of the qtz veins. However there are a few exceptions. Fractures are generally at a low angle to the C.A. or at $\geq 50^{0}$ to the C.A. Surfaces vary from irregular and rough to irregular and smooth. 272.55m Qtz vein 5mm in width 45^{0} to C.A. Good moly occurs as a selvage in the vein. 275.8m Vuggy 4mm calcite vein 0^{0} to C.A. for 30cm. Trace moly is associated. 276.55m 5mm qtz vein 60^{0} to C.A. Disseminated moly in vein. 279.35m 35cm of massive barren qtz. 283.9m Fracture 15^{0} to C.A. with a thick moly coating. 284.0m 5mm qtz vein 20^{0} to C.A. Moly occurs as a selvage in the vein. 284.2-289.1m Extremely poor qtz stockwork and associated moly. 289.2m 3mm qtz vein 30^{0} to C.A. with f/g disseminated moly. 290.3m 1-2mm veinlet of pink k-spar at 10^{0} to C.A. 292.5m 1-1.5cm qtz vein 10^{0} to C.A. Minor disseminated moly associated. Pyrite occurs with moly in some of the qtz veins. Pyrite also also occurs as stringers and fracture coatings and as disseminations. 272.5 - 295.3m 0.05% MoS_2 and 2-4% Py.	272.5-295.3m 0.05% MoS_2 & 2-4% Pyrite.					
295.3	298.4m	FAULT GOUGE ZONE Section is composed of clay size particles with angular to rounded fragments of qtz and QMP within it. The gouge zone hasn't been recemented. Minor moly occurs as stringers in the gouge. At the lower contact of the gouge zone, there is the start of a breccia zone. Upper and lower contacts of the gouge zone are 45^{0} and 80^{0}, respectively. 295.3 - 298.4m 0.05% MoS_2 and 3-5% Py.	295.3-298.4m 0.05% MoS_2 & 3-5% Py.					
298.4	312.7m	BRECCIA: FAULT CONTROLLED The breccia occurs on the footwall side of a fault gouge zone and is probably related to it. Fragments within the breccia consist of QMP, hornfels, qtz and a few fragments of assimilated hornfels. Fragments vary in size from <1cm to 10-15cm, and in shape from rounded to angular. Some fragments appear to have only minor movement. At 302.3m, a fragment of Apatite-Muscovite. The breccia is late in the mineralization sequence, since there are only a few mineralized veins which post date the breccia.	298.4-312.7m up to 0.10% MoS_2 & 2-4% Py.					

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
298.4	312.7m	CONTINUED: Molybdenite veins occur in the QMP fragments, the hornfels fragments and as part of the silicified matrix. The rock is relatively massive with only a few fractures. Those present are generally $>30^{o}$ to C.A. Pyrite occurs as disseminations through this section. 308.2-311.0m Moderate to strong potassic alteration as selvages and flooding. 311.2m 1cm qtz vein 30^{o} to C.A. Vein has good moly associated. 298.4 - 312.7m Up to 0.10% MoS_2 and 2-4% Pyrite.						
312.7	325.4m	QUARTZ MONZONITE PORPHYRY - VARIABLE ALTERATION 6b, 6a This section has 5-20% hornfels inclusions. Lower contact is with a breccia. The majority of the inclusions are dark brown and biotitic. A few short usually $\leq$ 10cm sections of assimilated hornfels are also present. Inclusions vary in size from $\leq$1cm to rarely $\geq$10cm. Most inclusions have irregular shapes. The QMP is weakly sericitic to weakly chloritic. Along a number of fractures there is also the alteration of feldspar to clay minerals (kaolinite). There is only a very weak qtz stockwork developed and very little molybdenite mineralization associated. Fractures are predominantly at a low angle to the core axis with irregular and rough surfaces. 316.4m Minor redrilled core for 15cm. 317.1m Fracture 20^{o} to C.A. Good moly coating. 317.9m Fracture 60^{o} to C.A. Good moly coating. 318.8m Minor ground core with minor cave material associated. 320.05m 2mm qtz vein 30^{o} to C.A. Moderate moly is associated. 321.4-321.8m Strong potassic alteration occurring as selvages to fractures. 324.6m 20cm of gouge at 30^{o} to C.A. Gouge zone has 5cm of massive crystallized pyrite. 320.7m Fracture in biotite hornfels inclusion, 35^{o} to C.A. Fracture has a very strong moly coating. 312.7 - 325.4m 0.05-0.08% MoS_2 and 3-4% Pyrite.	312.7-325.4m 0.05-0.08% MoS_2 & 3-4% Pyrite.					
325.4	351.8m	BRECCIA 7d This breccia is quite similar to the one found in RMY 79-7 at 293.9-349.6m. Unit is composed of angular to rounded fragments of QED and QMP and hornfels. Fragments of qtz are scattered throughout. The matrix is mainly very fine grained quartz. Fragment size varies from $\leq$1cm to 30cm. The breccia is post veining since it contains unmineralized quartz eye diorite fragments, and no quartz veining cuts the breccia. Molybdenite mineralization occurs in qtz fragments (although all qtz fragments don't contain moly) and in qtz veins in both the hornfels and QMP.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
325.4	351.8m	CONTINUED:						
		Pyrite occurs as stringers and blebs in the matrix as well as disseminations in all three rock types. Pyrite also occurs with some of the qtz veins present in the QMP and hornfels.						
		Minor amounts of late pink k-spar occur as blebs in the matrix.	325.4-351.8m 0.05-0.08% MoS_2 & 2-4% Pyrite.					
		With depth there appears to be a decrease in moly to 340.3m. Below 340.3m to 351.8m there are less QED fragments in the breccia.						
		326.0-327.5m Broken core.						
		329.1-329.8m Broken core.						
		333.1m 2cm fragments of Apatite-Moscovite.						
		334.7m 30cm fragment of massive sericitic QED.						
		336.1m 5mm qtz vein 30° to C.A. vein is in a QMP fragment. It is very yuggy and barren.						
		338.4m 5cm qtz fragment in the breccia.						
		344.6m 15cm biotite hornfels fragment with good qtz stockwork, however no moly is associated. Moly still occurs in qtz fragments and in a few veins in both QMP and hornfels fragments.						
		Throughout this section there are short usually ≤30cm inclusions of assimilated hornfels.						
		325.4-351.8m 0.05-0.08% MoS_2 & 2-4% Py.						
351.8	392.55m	QUARTZ MONZONITE PORPHYRY - VARIABLE ALTERATION: 6b, 6a						
		Most of this section is sericitic with a few short sections of chlorite QMP. This unit has 5-10% hornfels inclusions, most are usually ≤10cm in length. However there are a few exceptions. Most of the hornfels inclusions are biotitic.						
		This section has several gouge and broken zones, these occur at:						
		359.7-359.9m 20cm of gouge at 70° to C.A.						
		363.0-367.5m Broken core with 10cm of gouge at 363.2m. About 10% of this section is ground core.						
		368.1-368.5 Broken core.						
		370.6-363.4m Fault gouge and broken core. The first 1.3m is fault gouge. ≈ 30° to C.A.						
		373.9-375.5m Broken core.						
		376.4-377.3m Broken core for 30cm and a gouge zone for the next 60cm. Fault gouge is at 40° to C.A.						
		The QMP is extremely silicified and in places only remnant stringers of QMP remaining. The rest is silica. This silicification partly obliterates the qtz stockwork. However the silicification is not nearly as intense as in the silicified zones of unit 6c.						
		The qtz stockwork is only weakly developed. Very little moly is associated with the qtz stockwork.						
		354.65m 15cm of yuggy QMP.						
		354.9m 1mm coating of moly on a fracture at 70° to C.A.						
		357.5m 1cm qtz vein 30° to C.A. Vein has good disseminated moly associated.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
351.8	392.55m	CONTINUED:										
		The assimilated hornfels sections are fresh looking with fresh biotite and a weak alteration of feldspar.										
		In places the QMP looks as if it is brecciated: 360.5-361.2m; 362.2-363.0m.										
		367.3m 2cm qtz vein 5° to C.A. Vein is vuggy and barren.										
		367.6m 2cm band of pyrite 50° to C.A.										
		367.8m 7mm qtz vein 0° to C.A. for 15cm. Vein has moly selvages.										
		373.4-375.0m Moderate k-spar alteration as flooding. Qtz stockwork is weak and most veins are vuggy.										
		376.3m Two crosscutting 5-8mm qtz veins 45° to C.A. Veins are barren.										
		277.7m 50cm biotite hornfels inclusions with a good qtz stockwork. However only trace moly is associated.										
		385.05-389.9m Broken core and fault gouge. The first 1.8m is mainly broken core with short gouge zones. The other 3.05m is 90% gouge. This section is very sericitic and there is also a strong alteration to clay minerals. Lower contact of gouge is sharp at 30°-40° to C.A. Low contact of section at 392.55 is irregular and is the start of a breccia.										
		381-392.55m This section has about 5% hornfels inclusions, most are 10cm and irregular in shape.										
		381.6-381.8m Sericitic hornfels.	351.8-392.55m									
		381.8-382.3m Biotite hornfels.	0.05% MoS_2 &									
		Through this section there are sections of assimilated hornfels, usually 10-20cm in width.	2-4% Pyrite.									
		The qtz stockwork is still weak and the moly content is low. Py is common throughout and occasionally occurs in irregular blebs up to 5cm in size.										
		382.1m Several vuggy qtz veins in the biotite hornfels with weak moly associated.										
		383.9m 20% Py as c/g blebs over a 10cm interval.										
		386.2m 20-30% Py as c/g blebs and as matrix in the gouge zone for 20 cm.										
		386.4m 1cm bleb of moly in the fault gouge zone. Below the fault gouge zone there aren't any hornfels inclusions.										
		392.5m Vuggy 3mm qtz vein 55° to C.A. Vein is barren.										
		351.8-392.55m 0.05% MoS_2 & 2-4% Pyrite. Short sections have up to 10% Pyrite.										
392.55	458.7m	BRECCIA 7d										
		The breccia is composed of fragments of sericitic hornfels, biotite hornfels, sericitic QMP, sericitic QFD, assimilated hornfels, qtz fragments and occasional apatite-muscovite fragments. At the top of the breccia there are 10-30% QFD, 30-40% hornfels, 20-40% Quartz Monzonite Porphyry, with the remainder being qtz fragments and assimilated hornfels in a very siliceous matrix. The rock is quite competent with very few fractures.										
		Occasionally in this section there are short <1 metre sections of rock that haven't been brecciated. These sections contain qtz stockwork. Elsewhere in the breccia there is no qtz stockwork, since the breccia is later than mineralization and veining.										

Footage: From 392.55 To 458.7m

Description: CONTINUED:

The amount and size of QED fragments decreases with depth. At the top there is up to 30% QED and below 414m there are only occasional QED fragments. Some of the QED fragments near the top of this section look like small dykes. Others are rounded and definitely fragments.

The size of QMP fragments vary from <1cm to 15cm and the majority of hornfels fragments are <4cm.

Qtz fragments in the breccia often have good moly associated with it as well as vein material in some of the QMP and hornfels fragments.

Pyrite occurs as blebs and stringers in qtz fragments and as matrix.

Moly also occurs as blebs and stringers in the matrix. It is difficult to determine the amount of moly present however it appears to be greater than in the section of QMP above.

395.8-396.05m Fragment of QED sharp contacts.
397.5-397.8m Fragment of QED broken contacts.
397.05-397.3m Fragment of QED broken contacts.
398.4m Fragment of a 1cm qtz vein with very strong moly associated.
400.0m 3mm by 15cm seam of 100% moly in a QMP fragment.
400.8m Two 8-10mm qtz veins with good moly in a QMP fragment. About 10cm of vein is present.
403.1-403.65m 55cm of unbrecciated QMP. The QMP is strongly silicified with a moderate qtz stockwork and only weak moly.
405.1m 1-2cm qtz vein 60° to C.A. with very strong moly associated.
407.85m 5mm by 7cm fragment of apatite-muscovite.
409.45m A 1cm fragment of apatite-muscovite.
411.35m Fragment of a 3cm qtz vein in biotite hornfels. Vein has minor moly.
413.2m 70cm fragment of biotite hornfels.
415.05m 2mm qtz vein in a biotite hornfels fragment.
416.7m Vuggy 1cm qtz vein in QMP fragment with c/g moly.
419.4m Late fracture with fluorescent calcite and disseminations of CPY and galena.
419.6m 70cm biotite hornfels fragment.
419.9m 5cm qtz at 80° to C.A. Vein is barren.
From 424.8m The percentage of QED is increasing.
424.8m 25cm fragment of sericitic QED.

Scattered throughout are a number of late calcite, feldspar, qtz and pyrite with or without base metals. Most of these veins are at a low angle to the C.A., ≤30°. Moly still occurs in vein fragments and in vein material in QMP and hornfels fragments. Moly also occurs as blebs in the matrix.

421.6m Good moly in matrix for 3cm.

Hornfels fragments are mainly sericitic a few are chloritic. Biotitic hornfels are rare between 421.0m and 450m.

When moly occurs in veins and qtz fragments they are usually well mineralized. Moly grade appears to be < in the section 392.55-420m.

428.6-428.8m Several qtz veins in a QMP fragment. Veins have well developed moly selvages.

1-3cm fragments of apatite-muscovite are noted at: 428.0m, 428.3m, 429.0m, 434.85m and 445.1m.

The rock is well silicified with very few fractures.

% Mineralization: 392.55-420m 0.08-0.10% MoS_2 & 3-5% Py. Short 3m sections of breccia have better than 0.15% MoS_2.

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
392.55	458.7m	CONTINUED:						
		429.65m — 3mm qtz and feldspar vein at 25° to C.A. Vein has 10% Py and trace CP and galena. Vein is late.						
		434.7m — 5mm pink k-spar vein 20° to C.A. Vein is late and barren.						
		436.95m — Several qtz fragments with good moly.						
		433.0-441.5m — Some of the QED fragments have a chloritic matrix. The feldspar phenocrysts are relatively fresh.						
		442.05m — Several stringers of moly as matrix.						
		442.6-442.9m — Fragment of sericitic QMP with moderate qtz stockwork and weak moly.	420.0-458.7m up to 0.10% MoS_2.					
		443.6m — 4mm qtz vein in QMP with good moly associated.						
		438.0-450.0m — There are no late k-spar veins between these two points.						
		449.7m — 10cm gouge 20° to C.A.						
		449.3m — Several well mineralized qtz veins in QMP fragments.						
		450.6m — 3mm late pink k-spar veins 30° to C.A.						
		451.3-453.9m — Fault gouge and broken core. Gouge zones are 30-45° to C.A. Lower contact of unit is broken.						
		453.9-454.6m — Section of unbrecciated QMP which is sericitic and has a good qtz stockwork. Veins have good moly associated. This short section contains several inclusions of sericitic hornfels.						
		455.4m — 7mm qtz vein 45° to C.A. Vein has good moly selvages.						
		458.0m — 2cm pear-shaped fragment of apatite-muscovite.						
		458.3-458.7m — Broken core.						
		420.0 - 458.7m Up to 0.10% MoS_2.						
458.7	486.7m	QUARTZ MONZONITE PORPHYRY 6b						
		Unit has 1-2% sericitic hornfels inclusions scattered throughout. The QMP has intense sericitic alteration and strong silicification. The QMP has a good qtz stockwork, often with good moly associated.						
		Scattered in this section are brecciated sections, however there are not any QED fragments in the breccias.						
		Breccias occur at: 460.3-460.9m, 462.3-462.8m, and much of the section 470.0-476.1m.						
		Fragments consist of QMP hornfels and qtz. A few apatite-muscovite fragments are also present. Abundant blebby pyrite occur in the matrix of the breccia. Moly occurs as disseminations and along fractures.						
		A few veinlets with late k-spar and qtz with or without Py and base metals are noted in this section.						
		459.5m — 1cm qtz vein 40° to C.A. Trace moly associated.						
		461.3m — Two fractures ≈ 30-40° to C.A. Moly is associated.						
		462.75m — 1cm qtz vein 50° to C.A. Moly is associated.						
		463.8m — 5cm by 2cm bleb of Pyrite.						
		465.0-465.3m — Strong qtz stockwork with good moly associated.						
		465.65m — 1cm by 4cm fragment of apatite-muscovite.						
		466.1m — Two crosscutting qtz veins 1-2cm in width and 10° to C.A. Both veins have strong moly associated.						
		464.4-469.0m — This section is strongly broken with short sections of 1-5cm in width of fault gouge. Fractures and gouge zones are generally ≤ 30° to C.A. Disseminated moly occurs in this						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
458.7	486.7m	CONTINUED: section, associated with the gouge and broken zones. It appears some of the gouge has been silicified. 467.05m 5cm vein of c/g Pyrite at 10° to C.A. 468.05m 3mm k-spar and qtz vein at 20° to C.A. Vein is late & barren. 469.1m 5mm c/g and irregular vein of pyrite. 469.3m 2mm qtz vein 85° to C.A. Good moly is associated. 470.0m Irregular 1cm qtz vein with moly as a vein salvage. 474.15m and 475.35m 1-2cm fragments of apatite-muscovite. 470.0-476.1m This section has a number of pale cream coloured calcite blebs with c/g and often cubic pyrite. 472.5m 30cm broken with minor gouge at 30° to C.A. 473.5-474.0m Broken core. 477.4-478.2m Several 2-4mm qtz vein, all 20-40° to C.A. All veins have good moly associated. 479.05m 3cm qtz vein at 10° to C.A. with pyrite and moderate moly. 479.65m 5mm qtz vein at 80° to C.A. Vein has strong moly associated. Cutting this vein is a 3mm qtz vein at 10° to C.A. This vein also has good moly. From 479m, veins are often vuggy. Throughout this section are a number of fractures with good moly coatings. 481.6m 1cm qtz vein 70° to C.A. Weak moly associated. 483.9m Fracture at 30° to C.A. with pyrite & moly. 484.4m Two qtz veins 1cm and 1.5cm at 0° and 20° to C.A. Both veins have good moly associated. 485.15m 8mm qtz vein 45° to C.A. Vein has good moly associated. 458.7-486.7m 0.10-0.15% Molybdenite and 2-4% Pyrite. Most pyrite is late.	458.7-486.7m 0.10-0.15% MoS_2 & 2-4% Py. Most of Py is late.					
486.7	518.7m	BRECCIA 7d Upper contact sharp at 45° to C.A. Lower contact irregular at 20° to C.A. At 488.6-489.5m, core completely ground. (Core tube didn't lock.) This breccia has a greater percentage of sericitic QED than in the similar breccias above. The rock is very silicified and only few fractures are present. The breccias is composed of 50-60% sericitic QED, decreasing in abundance below 503m with much of the remainder being sericitic hornfels and qtz fragments. Only minor QMP is present at the top of this breccia however it increases at depth. A few assimilated hornfels fragments are present at depth. Scattered throughout are a number of bright green apatite-muscovite fragments. The QED appears to occur both as fragments and in places as matrix. The only moly present occurs as stringers in qtz fragments and vein material in both hornfels and QMP. Hornfels fragments are sericitic and usually < 5cm in width. QMP fragments are usually <5-10cm & QED fragments are up to 30cm, however a number are <10cm.						

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays				
486.7	518.7m	CONTINUED: Fragments of all three rock types vary from angular to rounded. Pyrite occurs as pseudo cubes in the QED and as stringers and disseminations. 493.7m 5cm by 10cm fragment of apatite-muscovite. 494.7m 4cm fragment of apatite-muscovite. 495.6m 2cm rounded fragment of apatite-muscovite. 498.0-498.5m Broken core. 501.2-501.7m Fault gouge at 15° to C.A. 502.7m 10cm broken core. 505.7m 10cm gouge at 30° to C.A. 506.0-506.6m Broken core and gouge at 30-40° to C.A. 508.2m 1cm gouge 30° to C.A. 509.6-510.2m Broken core. 503.85m Two 2cm by 5cm fragments of apatite-muscovite. 504.3m 3cm by 6cm fragment of apatite-muscovite. Below 503m there is a definite decrease in the QED content and a slight increase in the QMP content. The QED has decreased to 30-40% and the QMP has increased to 10-20%. 510.9m Several 1cm by 6cm qtz fragments with good moly. 511.5m Rounded 6cm fragment rich in 5-7mm pink k-spar phenocrysts as well as white feldspar phenocrysts with 5-10% qtz eyes and 2-5% fresh biotite phenocrysts in a siliceous matrix. No qtz stockwork or moly associated. A few late k-spar veins with pyrite are noted cutting the breccia. Most are <2mm, however no base metals have been noted. 515.1-515.9m Broken core. 516.1m 2mm k-spar and qtz vein with Py at 30° to C.A. 517.85m 1cm by 5cm fragment of qtz with moly. 486.7-518.7m Up to 0.05% MoS_2 and 5% Pyrite.	486.7-518.7m 0.05% MoS_2 & 5% Pyrite.									
518.7	584.99m	QUARTZ MONZONITE PORPHYRY - POTASSIC ALT. 6AP The QMP has variable alteration, however the strongest alteration is potassic. Associated with the potassic alteration is weak to moderate chloritic alteration. Minor sericitic alteration is scattered throughout. Except for a large inclusion of biotite hornfels at 554.7-559.45m, there are only a few isolated hornfels inclusions. The QMP is composed of 30-60% 2-6mm weakly altered to occasionally sericitic to argillic altered feldspar phenocrysts, 2-5% usually <4mm qtz eyes, 1-2% fresh to chloritic to sericitic biotite phenocrysts in a f/g very siliceous ground mass. The rock has a sugary texture. In the stronger potassic zones there is a strong growth of fresh biotite. Probably secondary. Potassic alteration is quite variable in intensity from weak to intense. The alteration occurs both as selvages to fractures and veins and as pervasive flooding. The k-spar alteration is a pale cream white to very pale pink in colour.										

Footage From	Footage To	Description
518.7	584.99m	CONTINUED:

The qtz stockwork is well mineralized throughout and many of the qtz veins are vuggy. Many of the qtz veins are well mineralized with moly. Moly occurs as narrow bands within the vein, as selvages in the vein and as very f/g disseminations. There are at least 5 crosscutting vein relationships. The earliest two are only weakly mineralized at best. The majority of qtz veins are <40° to C.A. However there is a well mineralized set at >70° to C.A. Abundant moly often occurs along fractures.

Most veins are <5mm however there are a few 1-2cm qtz veins.

There is a marked decrease in the amount of pyrite in this section both associated with qtz veins and as stringers and disseminations in the QMP. Total pyrite content is 1-1.5%.

521.7-521.9m	Gouge at 45° to C.A.
523.2m	50cm of broken core
527.1-527.9m	Broken core.
528.75m	50cm of broken core
529.8-530.2m	Fault gouge 60° to C.A.
534.0-534.3m	Broken core.
550.6-552.0m	Broken core with minor gouge at <30° to C.A.
553.5-554.2m	Gouge at 30° to C.A.

523.2m 10mm qtz vein 45° to C.A. Vein has good moly.
524.1m 3-5mm qtz vein with pyrite at 10° to C.A.

For the first 3-5m the strongest alteration is sericitic.

524.5-525.2m Very intense potassic alteration.
525.4m 1.5cm qtz vein 15° to C.A. Weak moly is associated.
526.25m Thick coat of moly on a fracture at 20° to C.A.

Throughout this section a number of fractures have 1-4mm selvages with strong alteration of feldspar to kaolinite.

530.65m 1cm qtz vein 40° to C.A. with good moly associated. Vein cuts a well mineralized qtz vein at 0° to C.A. for 90cm.
531.8m 1cm qtz vein 20° to C.A. cuts a 8mm qtz vein at 10° to C.A. Both veins have weak moly associated. Both veins are cut by several <2mm qtz veins with moly associated.
532.4m 10cm of biotite hornfels as an inclusion.
533.2m Irregular qtz vein on core surface with good moly associated.
534.3m 1cm qtz vein 80° to C.A. Vein is vuggy & has good moly associated.
535.0-536.0m Strong qtz stockwork with good moly associated.
535.8m 3cm inclusion of sericitic hornfels.
538.5m 5mm qtz vein down C.A. for 70cm. Vein has good moly associated. Vein is cut at 538.7m by a 7mm qtz vein at 70° to C.A. Vein has good moly.
539.1m 3mm qtz vein 30° to C.A. Good moly associated.
539.3m 3-5mm qtz vein 0° to C.A. for 60cm. Vein has good moly associated.
540.1m Several <1mm to 1cm crosscutting qtz veins. Most have good moly associated.
541.2m 1cm qtz vein 80° to C.A. with strong moly associated.
541.3m 9mm qtz vein 40° to C.A. Vein has good moly.

Footage From	Footage To	Description	% Mineralisation	Sample No.	Footage From	Footage To	Length	Assays
518.7	584.99m	CONTINUED:						
		543.5m — 1.5cm qtz vein 10° to C.A. Vein has good moly.						
		545.45m — 1cm qtz vein with good moly at 10° to C.A.						
		546.0-547.0 — A number of 1mm to 5mm qtz veins. All at a low angle to C.A. and most contain good moly.						
		547.85m — 5mm qtz vein at 45° to C.A. with good moly.						
		548.15m — 5mm qtz vein at 70° to C.A. with good moly.						
		550.8m — 1cm qtz vein 60° to C.A. Several layers of moly in vein.						
		551.4m — 2cm qtz vein 10° to C.A. Vein has weak moly associated.	518.7-565.0m Better than 0.15% MoS_2 & 1-1.5% Pyrite. Less moly occurs in the biotite hornfels 554.7 to 559.45m.					
		552.35m — 1cm qtz vein 45° to C.A. cut by a 2-4mm qtz vein 15° to C.A. Both veins have good moly associated.						
		552.4-552.9m — Section of assimilated hornfels. This short section has a weaker qtz stockwork and less moly associated.						
		553.1-554.7m — Sericitic hornfels.						
		554.7-559.45m — Biotite hornfels. Upper contact is broken, lower contact is sharp at 60° to C.A.						
		Biotite hornfels are well foliated at 45-60° to C.A. Foliation is enhanced by alternating bands of biotite rich and biotite poor layers. The biotite poor layers are qtz rich. The hornfels have a moderate qtz stockwork and the veins are usually larger than in the QMP. Veins have some moly associated, however it appears to be ≤ in the QMP. Several fractures in the hornfels have good moly associated.						
		557.4m — 2cm qtz vein 50° to C.A. Vein cuts a 1cm qtz vein 15° to C.A. Both veins have moly associated.						
		558.9m — Fracture 85° to C.A. with a 2-3mm coating of moly.						
		559.7m — Several narrow qtz veins with good moly in the QMP.						
		561.3m — Fracture 70° to C.A. with good moly associated.						
		561.4-561.8m — Assimilated hornfels. Lower contact sharp at 50° to C.A. The assimilated hornfels has a good qtz stockwork with two vein directions with good moly.						
		562.3m — 8mm qtz vein with several layers of moly.						
		563.5-564.0m — Several 3mm qtz veins at 60-70° to C.A. All veins have good moly.						
		564.8m — 5cm inclusion of biotite hornfels.						
		518.7-565.0m Better than 0.15% MoS_2 and 1-1.5% Py.						
		Lower contact of unit is sharp but irregular ≈45° to C.A.						
		570.5-575.0m — Strong sericitic alteration						
		566.75m — 5cm inclusion of biotite hornfels. The Potassic QMP has abundant fresh biotite as well as chloritic biotite.						
		The qtz stockwork is moderately developed below 565.0m and many of the qtz veins contain moly. However there appears to be slightly less moly in this bottom section.						
		566.15m — Two subparallel qtz veins 4mm wide at 45° to C.A. Both veins have good moly associated.	565.0-584.99m 0.10% MoS_2 & 1-2% Pyrite.					
		570.25m — 3mm qtz vein 80° to C.A. Very strong moly is associated.						
		570.5-570.8m — Several large qtz blebs in the sericitic hornfels.						
		572.2m — 20cm broken core.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
518.7	584.99m	CONTINUED: 573.0-575.0m Mainly broken core with minor gouge zones at a low angle to the C.A. 572.4-573.0m Good qtz stockwork with abundant moly in the qtz veins. Most mineralized veins are 60° to C.A. 573.7m 6cm sericitic hornfels inclusion. 573.8-574.0m Several crosscutting qtz veins 3-8mm in width. Veins have good moly associated. 574.3m 5mm vuggy qtz vein 55° to C.A. Vein has good moly. 575.0m QMP has strong to moderate potassic alteration. 576.0-576.8m Good moly in the qtz stockwork. 577.2m Several 2-5cm fragments of biotite hornfels. 577.4m 1cm band of pyrite 45° to C.A. 580.3m Fracture 30° to C.A. with good moly. 580.7-580.9m Several crosscutting qtz veins 45-60° to C.A. Veins have good moly associated. 581.6m 1.5cm qtz vein 85° to C.A. with good moly. 582.9m 1cm qtz vein 60° to C.A. with good moly. 583.4m 8mm qtz vein with pyrite and minor moly at 30° to C.A. The last 30cm of this section is sericitic QMP. 565.0-584.99m 0.10% MoS_2 and 1-2% Py.						
584.99	587.2m	MEDIUM GRAY CHLORITIC QTZ EYE DIORITE 7b Lower contact sharp at 20° to C.A. Dyke contains 20-40% 1-3mm fresh looking plagioclase phenocrysts, up to 5% 3-4mm phenocrysts altered to epidote (feldspar?), 3-5% 2-5mm qtz eyes and up to 5% chloritized biotite in a very fine grained and siliceous matrix. Unit has 3-5% pyrite. This unit is non magnetic and has no veining of any type. The pyrite present occurs as disseminations. At 585.2m, 20cm inclusion of potassic QMP. Inclusion has a good qtz stockwork and associated moly. This unit 584.99-587.2m 3-5% Py and nil moly.	584.99 - 587.2m 3 - 5% Py and no visible moly in the QED.					
587.2	614.1m	QUARTZ MONZONITE PORPHYRY - WEAK POTASSIC & GOOD CHLORITIC ALT. 6aP, 6a From 591.0-591.7m chloritic QED dyke massive. UC sharp at 20° to C.A. Lower contact irregular but sharp, about 10° to C.A. The dyke is the same as 584.99-587.2m. There are four Py veins as well as disseminated pyrite in the dyke. No moly was noted. The QMP is fairly massive with only minor broken sections. Potassic alteration is quite weak and restricted to a few narrow selvages to qtz veining and fractures. Irregular inclusions of assimilated hornfels are noted throughout and a few 1-5cm inclusions of biotite hornfels are present. The qtz stockwork is moderately developed and a number of qtz veins are vuggy.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
587.2	614.1m	CONTINUED:						
		587.2-588.0m Strong moly in qtz stockwork.						
		590.15m 3cm inclusion of chloritic hornfels.						
		592.0m 3cm qtz vein 25° to C.A. Minor moly in the vein.						
		592.9m 5-8mm qtz vein 30° to C.A. Good moly in vein.						
		593.1m Late 2-3mm pyrite vein at 25° to C.A.						
		594.55m 6mm qtz vein 45° to C.A. Vein is vuggy with moly as a selvage in the vein.						
		597.3m 2cm qtz vein 30° to C.A. Trace moly associated.						
		597.9m Fracture 20° to C.A. with good moly.						
		598.0m 2mm qtz vein 30° to C.A. Vein has 1-3mm potassic selvages.	587.2-614.1m					
		598.75m 5mm qtz vein 60° to C.A. with good moly.	0.15% or better					
		598.8m 2-3mm fracture 0° to C.A. for 30cm. Good moly is associated.	MoS_2 & 1-2% Py.					
		601.4m 8mm qtz vein 60° to C.A. Good moly associated.						
		602.3m 5mm qtz vein 30° to C.A. Good moly associated.						
		603.8m 3mm qtz vein 45° to C.A. Good moly associated.						
		603.9m Fracture 0° to C.A. with 3mm potassic selvages.						
		605.1-605.2m Intense qtz stockwork with good moly.						
		605.8m 1cm qtz vein with late k-spar and 70% Pyrite at 20° to C.A.						
		607.5m 8mm qtz vein 50° to C.A. Good moly associated.						
		607.6m 1cm qtz vein with k-spar and pyrite.						
		607.9m 3mm qtz vein 50° to C.A. with good moly.						
		609.75m Extremely vuggy 2.0cm qtz vein 10° to C.A. Vein has pyrite and no moly.						
		610.0m 5mm pink k-spar and qtz vein with pyrite at 20° to C.A.						
		612.0m 3mm qtz vein 30° to C.A. Good moly is associated.						
		612.3m REDUCED TO NQ CORE						
		612.35m 2-3mm qtz vein 0° to C.A. for 30cm. Good moly is associated.						
		613.6m 2mm qtz vein 0° to C.A. for 40cm. Vein has good moly.						
		587.2-614.1m 0.15% or better MoS_2 and 1-2% Py.						
614.1	631.2m	FINE GRAINED MEDIUM GREEN ANDESITE DYKE 10						
		Unit is quite similar in colour and composition to the one in RMY 79-7 at 949.2-954.0m. Unit has ∠ 1-2mm plagioclase crystals throughout. Unit is massive with no qtz veining or pyrite or moly. This unit has 1-3 per metre of 1-5mm gypsum veins. Veins are <30° to >80° to C.A.						
		There are three short sections of QMP in the dyke. These occur where the drill hole penetrated the dyke -- QMP contact. The QMP sections are located at:						
		616.2-616.9m Upper contact broken. Lower contact sharp at 30° to C.A.						
		621.85-622.4m U.C. 20° to C.A. L.C. 5° to C.A.						
		622.8-624.0m U.C. 10° to C.A. L.C. 30° to C.A.						
		The qtz monzonite has a few biotite hornfels inclusions, good qtz stockwork with good moly and late gypsum veins.						
		There is minor breccia at the contacts with the dyke. Qtz veins with moly and gypsum veins occur at the contacts. The contacts have 1cm of intense chloritic alteration.	614.1-631.2m The dyke is void of MoS_2 & Py. The QMP sections have better than 0.15% MoS_2.					
		621.85m 5mm qtz vein parallel to the contact with good moly.						
		622.8m 2cm qtz vein 60° to C.A. with good moly. Trace purple anhydrite in vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
614.1	631.2m	CONTINUED:						
		623.9m 2.5cm qtz vein 45° to C.A. with several bands of moly.						
		The dyke is void of moly and pyrite. The short sections of QMP have better than 0.15% MoS_2.						
631.2	654.2m	QUARTZ MONZONITE PORPHYRY: CHLORITIC WITH WEAK POTASSIC ALT. 6a, 6aP						
		Between 631.2-633.9m there is a breccia, which is quite similar to the Pre moly breccia at the bottom of RMY79-7. The breccia consist of angular to rounded fragments of QMP in a bark brown matrix, which looks similar to assimilated hornfels, except for the feldspar phenocrysts. A few biotite hornfels are also present in the breccia. The feldspar phenocrysts in the QMP fragments are bleached and probably altered to kaolinite.						
		Fresh secondary biotite is abundant throughout this section. Potassic alteration occurs intermittently as narrow 1-2mm selvages to qtz veins and fractures.						
		The QMP has a moderate qtz stockwork, which also cuts the brecciated section. Gypsum veins occur throughout, about 1-4 per metre. Veins are usually 30° to C.A. and 1-4mm in width.						
		The core is relatively massive with no broken sections.						
		633.7m 5cm gouge at 10° to C.A.						
		633.6m 5mm qtz vein 30° to C.A. Vein has good moly.						
		634.2m Two crosscutting qtz veins 35° to C.A. Both veins have good moly.						
		634.8m 4mm gypsum vein at 20° to C.A.						
		635.0m 6cm qtz vein 35° to C.A. Vein has moderate moly.	631.2-654.2m					
		Scattered throughout this section are a few biotite rich assimilated hornfels sections.	0.15% MoS_2 with some sections					
		Bleaching of feldspar adjacent to fractures in the QMP occur throughout.	which appear better than					
		639.2-639.7m Several well mineralized qtz veins. There are at least four qtz veining episodes.	0.15% MoS_2 1-2% Py.					
		440.5-441.3m Strong qtz stockwork with good moly.						
		From 641.5m there are a number of inclusions of biotite hornfels. Large inclusions occur at 643.1-645.85m and 652.15-654.2m. Contacts of the first inclusion are broken. The upper contact of the second inclusion is 30° to C.A. The lower contact starts the breccia 7d below.						
		The QMP still has a good qtz stockwork and is strongly silicified. Abundant gypsum veins and trace anhydrite occur throughout. Most veins are $<30°$ to C.A.						
		A weak gouge zone occurs at 647.5-648.0m at 30° to C.A. Section has strong sericite and kaolinite.						
		Qtz veins in the hornfels are generally wider than in the QMP.						
		643.4m 3mm qtz vein 20° to C.A. Vein has strong moly.						
		644.2-645.0m Several 1-3mm qtz veins in the biotite hornfels with good moly.						
		647.0m 5mm qtz vein 15° to C.A. with extremely strong moly.						
		648.8m 1cm qtz vein 90° to C.A. Moly occurs as a vein selvage. Vein cuts a 5mm weakly mineralized qtz vein at 20° to C.A.						
		650.4m 5mm qtz vein 30° to C.A. with good moly.						

From (FOOTAGE)	To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
631.2	654.2m	CONT'D						
		651.8m 4mm qtz. vein with anhydrite at 20° to C.A.						
		652.3m 8mm qtz. vein 10° to C.A. Mod moly is associated.						
		653.6m 5 cm. qtz. vein 40° to C.A. Tr. moly.						
		631.2 - 654.2m 0.15% MoS_2 with some sections which appear better than 0.15% and 1-2% Py						
654.2	700.8m	BRECCIA 7 d.						
		This breccia is very similar to the one above at 392.55 - 458.7 m. The breccia is composed of 5-30% rounded to angular QED fragments. 30%-40% of each of hornfels and QMP. The remainder is qtz. fragments in a f/g siliceous matrix. The QED fragments reaches 30% only over short intervals.						
		554.7 - 555.8m QED Dike upper contact 20 - 30° to C.A. Lower contact irregular but about 30° to C.A. Both contacts are sharp. The dike is chloritic.						
		QED fragments range from 2-15 cm and many are sericitic. Hornfels fragments are usually $<$ 5 cm and both biotite and sericite rich fragments exist. QMP fragments are up to 20 cm. Many are $<$ 10 cm. Fragments of QMP can be either sericitic or chloritic and occasionally potassic.						
		Qtz. stockwork is restricted to hornfels and QMP fragments.						
		Moly. occurs in vein material in both the hornfels and QMP fragments and in qtz. fragments in the breccia.						
		Rare late barren qtz. veins cut the breccia. Gypsum veins occur throughout and cut the breccia. Minor anhydrite often occurs with the gypsum.						
		658.85m 4 cm. by 5 mm. bleb of anhydrite on core surface. Anhydrite is part of a gypsum vein.						
		Although some vein fragments and vein material in both the hornfels and QMP contain good moly, total moly content is probably 0.10 - 0.12% MoS_2. However, below 690 meters the moly grade appears to be better than 0.15% MoS_2.						
		656.4m Large qtz. fragment 5 cm. by 6 cm. with abundant moly.						
		662.5m 15 cm QED fragment with contact at 70° to C.A.						
		675.5 - 676.1m Sericitic QED Dike. Upper contact 60° to C.A. Lower contact 70° to C.A.						
		671.05m Irregular stringer of anhydrite with gypsum.						
		Trace Apatite - Muscovite fragments occur throughout.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
654.2	700.8m	CONTINUED:						
		673.6m 1 cm by 6 cm. fragment of qtz. with good moly.						
		674.65m 8 mm qtz. vein 30° to C.A. with moly and anhydrite.	654.2 - 700.8 m 0.10- 0.12% with what appears to be better than 0.15% MoS_2 below 690m. 3 - 5% Py					
		676.3m 1 cm. gypsum vein 30° to C.A.						
		678.7m 30 cm. of broken core with minor gouge at 20° to C.A.						
		679.45m 40 cm. inclusion of sericitic hornfels. Hornfels has a 1.5 cm. qtz. vein 30° to C.A. with minor moly.						
		681.1m 2 cm. fragment of apatite-Muscovite						
		682.25-682.7m and 683-683.7m. Two larger fragments of biotite hornfels. The lower fragment has chlorite alteration associated. Hornfels have only weak moly and qtz. stockwork associated.						
		Pyrite occurs as blebs and disseminations in the QED as well as in the matrix. Pyrite is also associated with the hornfels. Very little pyrite is in the QMP.						
		692.5m 2 cm x 6 mm. vein of anhydrite. The QMP fragments from 687m are mainly weakly chloritic, and most are < 10 cm. in width.						
		691.5-692.1m This section appears to be a single fragment of QMP with a good qtz. stockwork and good moly.						
		694.7m 5 mm. gypsum vein 10° to C.A.						
		698.2m Three parallel 3-5 mm. gypsum veins, all 30° to C.A.						
		696.0m Good moly in a 1 cm. x 6 cm. qtz. fragment.						
		696.3m Good moly in a 1-2 cm. qtz. fragment on core surface.						
700.8	729.95m	QUARTZ MONZONITE PORPHYRY: CHLORITIC WITH WEAK POTASSIC ALTERATION 6a, 6AP						
		There is massive hornfels between 709.15 and 712.7 m.						
		From 700.8 - 709.15m, there is massive QMP with no hornfels inclusions. The QMP is typical porphyry with 40-70% <1 to 5 mm. fresh to weakly altered feldspar phenocrysts, 5-10% 2-4 mm. qtz. eyes with 2-5% chloritic biotite and up to 5% fresh secondary biotite in a fine-grained and very siliceous matrix. Gypsum veins occur throughout 2-4 per meter and traces of anhydrite are associated.						
		The quartz stockwork is moderately developed, and many of the veins are well mineralized.	700.8 - 709.15m >0.15% MoS_2 + 1-2% Py					
		The pyrite content in the QMP is low with 1-2% and occurs as stringers, coatings along fractures with some of the quartz veins and as minor disseminations.	709.15 - 712.7m < 0.15% MoS_2 & 3-4% Py.					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
700.8	729.95m	CONTINUED:						

700.8m 5 mm. quartz vein 0° to C.A. for 40 cm. vein has good moly.
701.15m Fracture 60° to C.A. with good moly coating.
703.3m 1 cm. quartz vein 0° to C.A. for 30 cm. Good moly is associated.
704.3m 8 mm. quartz vein down C.A. for 40 cm. with good moly. Vein cuts several 1-3 mm. quartz veins > 50° to C.A. also with good moly.
705.85m 2 cm. quartz vein 60° to C.A. Barren.
707.4m 1 cm. quartz vein 80° to C.A. Good moly.

709.15-712.7m Massive biotite hornfels: Foliation is weak to moderate 50° - 70° to C.A. The hornfels has intense silicification and a moderate quartz stockwork. Veins are generally larger than in the QMP. Gypsum veins are still present 1-5 per meter. Most are at a low angle to the C.A.

709.4m 3 cm. quartz vein 20° to C.A. with good moly.
710.3-711.0m 5 mm. quartz vein 0° to C.A. with very strong moly.
711.7m Several 2-4 cm. fragments of QMP in the hornfels. Fragments are angular.
712.5m 2 mm. quartz vein 20° to the C.A. with moly.

Between 712.7 and 726.0m, there is an intermineral breccia. Breccia consist of fragments of QMP and hornfels. No QED fragments are present. Hornfels fragments are both sericitic and biotitic, are larger than QMP fragments. There are only 10-30% QMP fragments.

QMP fragments are usually < 10 cm. however a few larger ones exist. The largest occurs at 722.05 - 723.15 m. Upper contact of fragment is 20° to C.A. QMP fragments are also mainly chloritic with occasional weak potassic alteration. A few fragments are sericitic.

Hornfels fragments are up to 60 cm. in size, most are < 20 cm. and most are biotitic.

The breccia is intermineral since some of the quartz veins terminate at fragment boundaries while other mineralized quartz veins cut both hornfels and QMP fragments.

The core is moderately broken with a number of fractures at a low angle to the C.A.

The quartz stockwork in the breccia is moderately developed and mineralized. Neither is as strong as in the QMP above and below. Gypsum veins do occur but aren't as abundant as above and no anhydrite was noted.

A few of the QMP fragments have bleached feldspar phenocrysts. Alteration is probably to kaolinite.

713.6m 5 cm. gouge 60° to C.A.
715.9m 5 cm. quartz vein 60° to C.A. Vein cuts both hornfels and QMP fragment. Vein has good moly.

% Mineralization:

712.7 - 726.0m
0.10 - 15.0% MoS_2
& 2-4% Py

726.0 - 729.95m
> 0.20% MoS_2
& 1-2% Py

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
700.8	729.95m	CONTINUED: 717.3m 2-4 mm. gypsum vein at 5° to C.A. 719.45m 1 cm. quartz vein 40° to C.A. Good moly is associated. 719.95m 3 mm. quartz vein 80° to C.A. with good moly. 720.2m 5 mm. quartz vein with a 3 mm. K-spar vein as a selvage. Quartz vein is at 30° to C.A. with good moly. K-spar vein is barren. 720.5m 8 mm. quartz vein 0° to C.A. for 50 cm., good moly is associated. 721.5m 2 mm. gypsum vein 0° to C.A. for 30 cm. At 723.6m 20 cm. of possible ground core. 723.9m 40 cm. of gouge at 25° to C.A. From 726.0m there is massive QMP with no hornfels inclusions. Bottom contact is the start of an QED breccia. No angle to the C.A. for the QMP - breccia can be accurately determined. However, it is very irregular and appears to be between 40° and 70° to the C.A. 726.5m 1 cm. quartz vein 30° to C.A. with very strong moly. 726.8m - 729.5m 5mm. to 1 cm. quartz vein 0° to C.A. with very strong moly. A gypsum vein parallels the moly vein. The vein is cut by a number of quartz veins and fractures, all of which have good moly. From 726m, there is moderate potassic alteration as flooding and selvages.						
729.95	1,034.17m	QUARTZ-EYE DIORITE: 7b CHLORITIC The breccia extends to 738 m. Below 738 m., there is massive QED with only minor 1 - 4 cm. fragments. This breccia is different than those above (654.2 - 700.8m) in that it doesn't contain any appreciable amount of either QMP, hornfels or quartz fragments. In fact, only one fragment of QMP was noted. The fragments in the breccia constitute only 10% of the core. Fragments are angular to rounded and usually < 10 cm. and consist of Granodiorite Porphyry (7 c), and QED. A few 1-3 cm. hornfels fragments were noted; all were void of moly. Total content is < 1%. One quartz fragment was noted with traces of moly associated. The QED which constitutes most of the core is a greenish gray in colour and very chloritic. Sericitic sections are short, with gradational contacts, and occur adjacent to prominent fractures and gouge zones. The QED consist of 30-40% 1-3 mm. fresh to weakly altered plagioclase crystals. 5-10% 3-5 mm. quartz eyes. The quartz eyes are not as prominent as in the sericitic QED. 1-3% chloritic biotite, in a very fine-grained and chloritic groundmass. Much of this section is broken, however, there is only minor gouge. There are two sets of fractures at < 30° to C.A. and one set						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
738.0	1,034.17m	CONTINUED:										

> 60° to C.A. All fractures are smooth with a slippery surface.

A few late carbonate(with or without)quartz stringers are present. Most are at a low angle to C.A. A few are > 70° to C.A. Most are < 1 mm. to 2 mm. in width and barren.

736.3 - 737.3m Broken core
739.5 - 739.9m Broken core
740.0 - 741.0m Broken core
748.2 - 749.7m Broken core
750.5 - 751.0m Broken core
759.0 - 760.7m Broken core. Last 5 cm. gouge at 10° to C.A.
761.1m 10 cm. gouge at 30° to C.A.
762.4 - 763.6m Broken core
765.0 - 765.5m Broken core
770.2 - 770.7m Broken core

It is noted that the dike is very weakly magnetic.

At 744.6m Trace moly in a 2 cm. QMP fragment. Fragment is rounded.

754.55m 30 cm. of sericitic QED. Contacts are gradational.
758.6 - 758.8m 30% late pink K-spar as fracture filling at 5-10% to C.A.
761.3 - 763.6m Mainly sericitic QED.
763.5m 3 mm. quartz and K-spar vein 60° to C.A. Barren.
770.6 - 770.7m Several 1-2 mm. quartz and K-spar vein at 20° to C.A. Veins are parallel to fractures and barren.

From 766m the core isn't as strongly broken.

778.4 - 779m Fracture 0° to C.A.
782.0 - 782.7m Broken core.
783.6 - 783.8m Broken core.
798.2 - 799.0m Fracture 0° to C.A.

The majority of the core continues to be chloritic.From 777.5 - 781.9m the QED is mainly sericitic. The sericitic QED looks like fragments in a greenish gray matrix, however, the contacts of the fragments are very nebulous. This probably indicates that the sericitic QED are not fragments but selected alteration of the dike.

There are changes in the colour of the dike throughout this section and this probably reflects change in alteration intensity adjacent to fractures. The dike has no quartz veining or any recognizable moly. Pyrite occurs as dissemination up to 3-5%.

At 780.6m. 25 cm. fragment of assimilated hornfels ? upper contact sharp at 60° to C.A. Lower contact sharp as 20° to C.A. Fragment has abundant fresh biotite, no quartz veining or visible moly.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
729.95	1,034.17m	CONTINUED:										

At 794.6m a 10 cm. rounded fragment same as at 780.6m.

In places the Alteration is more intense adjacent to fractures, producing a lighter selvage up to 5 cm. in width.

At 799.6 - 800.4m there is a later? dike cutting the QED. Upper contact is sharp at 60^o to C.A. Lower contact is sharp at 40^o to C.A.

Unit has abundant fresh secondary biotite but doesn't look like the assimilated hornfels noted at 780.6m and 794.6m. This dike has several fractures with 2-5 mm. silicified selvages. Fractures are generally $< 30^o$ to C.A. Fractures contain pyrite and traces of sphalerite and possibly a few specks of galena. No chalcopyrite was noted. Minor feldspar and gypsum occur along the fractures as well.

813.0 - 814 m Broken core

Starting at 828.95m in fault gouge zone at 45^o to C.A. Upper contact is sharp.

The first 70 cm. is 100% clay. From 829.65m. there is a mixture of gouge and QED fragments.

The QED is still chloritic with a few short sections of sericitic QED. The stronger sericitic sections occur at 812.5 - 814.5m and 827.0 -829.95 m.

810.2m 1.5 cm. feldspar vein at 35^o to C.A. Vein is late and has trace of Py.

812.45m 1 cm. quartz and calcite vein at 20^o to C.A. Vein has 20% Py. Trace of sphalerite and trace scheelite. There is also one bleb of a dull steel gray sectile mineral. Possibly stibnite. It isn't galena and doesn't look like moly.

Bleached feldspar phenocrysts adjacent to some of the fractures. Fractures are mainly at a low to moderate angle to the C.A. $< 45^o$.

From 828.95m to 852.7m the QED is strongly broken with a number of 1-10 cm. gouges. There is only one larger zone of gouge and this occurs at 828.95 - 829.65 m. This is same zone mentioned above.

The QED has numerous fractures and many are $< 40^o$ to C.A. The QED in this broken section to 849m is strongly sericitic. Below 849m it is mainly chloritic.

There are a number of gouge zones which have been recemented. A number of hairline and crosscutting carbonate and K-spar veins occur in the broken section. Rarely quartz with pyrite is associated. The QED still has about 5% disseminated pyrite. There is minor graphite associated with some of the gouge zones.

843.2m A 5 cm. fragment of coarse-grained sericitic QED in the dike. Both the fragment and dike is cut by a 3 mm. quartz vein with pyrite at 30^o to C.A.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
729.95	1,034.17m	CONTINUED:						

From 855m to 862m, there is 1-2%, 1-10 cm. of coarse-grained QED fragments in the dike. Most fragments are sericitic, a few have fresh biotite. Fragments are angular to rounded.

863 - 864 m	Broken core.
864.6 - 873.0m	Mainly broken core.
872.6m	15 cm. gouge at 30^{o} to C.A.
872.85 - 873.5m	Recemented gouge.
882.7 - 883.55m	Broken core.

In the section 863 - 884m, the majority of the dike is chloritic with only short sericitic sections. There are minor carbonate stringers throughout.

The majority of fractures are $< 40^{o}$ to C.A. Several fractures have a thin graphite coating.

There is strong bleaching of feldspar phenocrysts adjacent to some of the fractures.

864.8 - 867.1m Dike is fine-grained and very strongly chloritic, contacts with coarser grained dike are not distinct, however, there is sericitic alterations either side of the finer grained dike.

885.0 - 886.4m	Broken core; about 30% ground core.
894.9 - 895.5m	Broken core.
900.5 - 901.0m	Broken core.

From 884.7 to 900.5m the QED is strongly chloritic with both biotite and matrix being altered. Feldspar phenocrysts are fresh looking. Also in this section, quartz phenocrysts are more prominent. Throughout there are fractures with graphite coatings. Core becomes more massive from 886.7m and the majority of the fractures are $> 40^{o}$ to C.A. There are only trace hairline carbonate fractures. A few fractures have pyrite coating.

799.3m	1 cm. quartz vein with 30% Py at 20^{o} to C.A.
799.4m	3 cm. quartz and feldspar vein at 5^{o} to C.A. Barren.

From 900.5 to 924.6m, the matrix of the QED appears to be coarser grained. Similar to the granodiorite porphyry.

900.5 - 906.6m	Chloritic Alteration
906.6 - 912.6m	Sericitic Alteration
912.6 - 914.1m	Chloritic Alteration
914.1 - 924.5m	Sericitic Alteration

This section is relatively massive with the chloritic section being more massive than the sericitic sections.

FOOTAGE From	FOOTAGE To	DESCRIPTION
729.95	1.034.17m	CONTINUED:

Fractures are fewer than in the section 863-884.7m, however, there is a prominent set at 0-20° to C.A.

905.2m Fracture 5° to C.A.
906.8m Fracture 0° to C.A. for 1.3m. This fracture has up to 5 mm. seam of clay and graphite. Carbonate is also present as a later filling.
908.0m Fracture 5° to C.A. with a 6-8 mm. seam of clay with graphite.
910.9 - 912.6m Highly fractured section with a number of irregular fractures at low angles to the C.A.
912.6m Fracture 30° to C.A. with 5 mm.seam of clay and graphite.
918.3m A 5mm. quartz and pink K-spar vein at 20° to C.A. with 10-15% pyrite.
918.3 - 919.0m 2-3 mm. K-spar and quartz vein at 0° to C.A. Vein is barren.
920.0m 1 cm. gouge at 10° to C.A. Abundant clay and graphite are associated.
920.05 -920.5m Fracture 0° to C.A.
920.5m 3 cm. gouge at 30° to C.A. Abundant partly crushed late K-spar in gouge.
923.2m 5 mm. coating of clay and graphite on a fracture at 40° to C.A.
924.6 - 937.9m Mainly sericitic QED
937.9 - 943.1m Chloritic QED
943.1 - 946.7m Sericitic QED
946.7 - 948.5m Chloritic QED
948.5 - 949.75m Sericitic QED
949.75- 953.8m Chloritic QED
953.8 - 957.3m Sericitic QED
957.3 - 969.0m Mainly chloritic QED

Contact angles between the chloritic and sericitic QED are usually irregular and not always discrete. Angles to the C.A. vary between 10° to > 60°. Alteration of feldspar phenocrysts adjacent to fractures is noted throughout. However, it only occurs intermittently. The feldspar is probably altered to kaolinite.

Broken sections occur at:
937.3 - 937.6m, 943.3 - 944.2m, 948.35 - 948.55m, 950.5 - 951.1m, 958.0 - 958.1m, 965.6 - 965.3m, 966.0 - 966.6m, 967.6 - 968.3m, 970.1 - 970.5m, 971.8 - 972.0m and 976.5 - 978.8m.

955.5 - 955.9m 40% of the core is ground.

This section doesn't have any fault gouge zones. Fractures are usually 25° - 55° to C.A. to 980m. There are also a number at a low angle to the C.A.

Quartz phenocrysts don't stand out as prominently in the chloritic QED. The feldspar phenos look fresher and both biotite phenocrysts and groundmass are chloritic. The rock is a medium green in colour and at times appears to be finer grained.

There are only very few veins in the dike.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
729.95	1,034.17m	CONTINUED:										

Those veins present are always late and never contain any moly. Most veins are either quartz or carbonate with or without K-spar and pyrite.

Below 925m, there is only trace amounts of graphite associated with fractures. The QED has a fine-grained and very silica rich matrix.

930.65m 2 mm. quartz vein 20° to C.A. with 10% Py.
935.0m 2 mm. quartz vein 30° to C.A. with graphite along vein contacts.
937.9m 8 mm. pale pink feldspar vein 90° to C.A. Vein is barren.
941.9m Irregular 4-8 mm. feldspar vein 20° to C.A. Vein is barren.
944.25m 5 mm. to 1 cm. two parallel and adjacent veins. One is quartz and the other is carbonate with quartz. Both are 20° to C.A. The quartz vein has 20% pyrite and the carbonate plus quartz vein has trace of pyrite. Graphite occurs at vein contacts. There is a 2-3 mm. sericitic selvage to vein.

949.65m 5 mm. quartz vein with a 5 mm. K-spar vein adjacent. The quartz vein has 20-30% pyrite, the K-spar vein is barren.
956.2m 1 cm. pink K-spar vein 40° to C.A. Barren.
960.0m 2 mm. quartz and carbonate vein 30° to C.A. with 70% pyrite.
961.75m 2 cm. gouge at 70° to C.A.

From 969.0m to 991m, there is a mixture of chlorite QED with a number of short 10-50 cm. sections of sericitic QED. Alteration contacts are often irregular and vague. Angles vary between 5° and $>$ 60° to C.A. The variation in alteration could be fracture controlled.

Broken sections occur at: 981.0 - 981.2m, 981.5 - 981.7m, 982.0 - 982.2m, 986.6 - 987.1m and 989.4 - 989.7m.

There are two predominant fracture directions. One is at 20° - 30° to C.A. and the other is at 60° - 80° to C.A. A few fractures are $<$ 10° to C.A. Fracture surfaces are smooth and slippery.

987.5m 3 cm. by 5 cm. surrounded fragment of 7c.
988.1m Rounded 1 cm. fragment of 7c.
988.3m 2 cm. by 4 cm. angular fragment of 7c with fresh biotite.
984.4m 2 mm. quartz vein 45° to C.A. with 10% pyrite.

Throughout, the majority of the Py is fine-grained and disseminated 3-5% pyrite is present. No visible moly is noted.

Between 995.2 and 1,012m, mainly chloritic QED. From 1,012m to 1,023m mixed chloritic and sericitic QED.

1023 - 1026m Strong chlorite Alt.
1026 - 1029m Mixed chloritic and sericitic Alt.
From 1029m to the end of unit at 1034.17m, there is an increase in the intensity of sericitic alteration.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
729.95	1034.17m	CONTINUED: 993 - 995.6m 1-2% angular fragments of biotite feldspar porphyry. Fragments are < 1 to 4 cm. in size. Fragments at 993.05 and 995.2m have several specks of moly associated. 997 - 1017.5m 2-5% angular to rounded biotite feldspar porphyry fragments. The fragments do not have a quartz stockwork. Only rarely is there moly associated. A number of fragments have fresh black biotite. 1004.9m 10 cm. biotite feldspar porphyry fragment. 1013.4m 7 cm. angular biotite feldspar porphyry fragment with fresh biotite. 1016.0 - 1016.2m Broken core. 1019.5 - 1020.0m Broken core. 1022.9 - 1023.0m Broken core. 1023.3m 2 mm. gypsum vein at 0° to C.A. for 5 cm. From 1017.5 - 1026.25m only rarely a fragment is noted. 1026.25m 12 cm. biotite feldspar porphyry fragment with trace disseminated moly. 1026.9m Trace moly in a 1 cm. quartz fragment. 1027.5m 3 cm. angular sericitic hornfels fragment. No quartz veining or moly is in fragment. The last 5 m of unit has moderate to strong sericitic alteration, with both biotite and feldspar phenocrysts being altered. 1032.8m Trace moly as a stringer in the core. Moly is adjacent to several sericitic hornfels fragments. The lower contact of QED with contact breccia is irregular and at 25° to C.A.	729.95 - 1034.17m 3 - 5% Py and nil to trace MoS_2.					
1034.17	1034.85m	CONTACT BRECCIA Lower contact is 70° to C.A. The contact breccia is composed of 50 - 70° sericitic < 1 - 10 cm. hornfels fragments. 10 - 20% sericitic QED fragments 5 - 10% quartz fragments in a quartz rich matrix. Moly occurs in quartz fragments, in vein material in hornfels fragments and as stringers in the matrix. The 68 cm. section has > 0.15% moly. and up to 5% Py. 1034.1 - 1034.5m 2 mm. gypsum vein 0 - 5% to C.A. Vein is late and cuts breccia.	1034.17 - 1034.85m > 0.15% MoS_2 & 5% Py.					
1034.85	1035.05m	SERICITIC HORNFELS 3 Short section with two quartz veins both at 0° to C.A. One is 1 mm.						

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
1034.85	1035.05m	CONTINUED; wide and 30 cm. in length. Vein has good moly. The other is part of a large quartz vein 2-3 cm. in width and extends down core axis for 125 cm. Vein has good moly. 1034.85 - 1035.05m > 0.15% MoS_2 and 2-3% Py.						
1035.05	1037.4m	SERICITIC QUARTZ MONZONITE PORPHYRY 6b The lower contact of unit is irregular and broken. The QMP has intense silicification. Trace amounts of anhydrite are noted, associated with several quartz veins. Extending from sericitic hornfels above to 1036.1m is a 1 - 3 cm. quartz vein. The quartz vein has good moly associated. Vein has been cut by several quartz veins at a high angle to C.A. These veins also contain moly. 1036.1 - 1036.5m Up to 1% anhydrite. Section also has good potassic Alt. 1035.05 - 1037.4m 0.15% MoS_2 or better 1 - 1½% Py.	1035.05 - 1037.4m 0.15% MoS_2 or better and 1 - 1½% Py.					
1037.4	1040.25m	A MIXTURE OF SERICITIC AND BIOTITE HORNFELS WITH 40-50% SILICA: 3,4 Lower contact of unit is very irregular. The majority of the hornfels have been surrounded by silica and appear more like fragments. Hornfels are foliation, however, angle to C.A. of the foliation is quite variable. At 1038.9m 12 cm. of intense potassic alteration as flooding. This section has blebs of purple anhydrite throughout,associated with the quartz veining. The silica has obliterated much of the earlier veining, however, later veins do exist. Moly occurs as disseminations in the silicification and as selvages in the later veins. The hornfels have only 2-3% pyrite, occuring in quartz veins and along fractures. 1037.6m 2.5 cm. quartz vein 75° to C.A. Vein has several layers of moly. 1037.4 - 1040.25m ≈ 0.10% MoS_2 and 2-3% Py.	1037.4 - 1040.25m ≈ 0.10% MoS_2 & 2 - 3% Py.					
1040.25	1046.3m	QUARTZ MONZONITE PORPHYRY VARIABLE ALTERATION: 6a, 6b, Weak 6a P Section has very strong silicification. 1044.7 m. 30 cm. inclusion of sericitic hornfels. This section of QMP has several other 1 - 5 cm. inclusion of sericitic hornfels.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
1040.25	1046.3m	CONTINUED: 1041.0m 2-3 mm. quartz vein 0^{o} to C.A. for 80 cm. Vein has good moly associated. 1042.6m 1-1.5 cm. quartz vein 10^{o} to C.A. Vein has good moly. At 1043.47 and 1043.5m Fractures at 70^{o} - 80^{o} to C.A. Both have strong moly associated. 1043.8m 8 mm. quartz vein 65^{o} to C.A. Vein has good moly selvages. 1045.55m 2 cm. quartz vein 45^{o} to C.A. Vein has several layers of moly associated. Potassic alteration occurs as weak selvages to a few fractures and adjacent to a few quartz veins. At 1043.9m trace anhydrite is noted. 1040.25 - 1046.3m 0.15% MoS_2 or better and 1-1½% Py.	1040.25 - 1046.3m 0.15% MoS_2 or better and 1-1½% Py.									
1046.3	1053.7m	SERICITIC AND BIOTITIC HORNFELS 3.4 Lower contact sharp at 0^{o} - 5^{o} to C.A. Foliation strong at 0^{o} - 5^{o} to C.A. From 1051.8 - 1053.25m, biotite hornfels. 1046.3 - 1047.5m Fault gouge, lower contact 30^{o} - 40^{o} to C.A. 1048.7m 20 cm. of gouge at 15^{o} to C.A. In this section, moly is restricted to a few quartz veins. The better mineralized ones are listed below. 1048.25m 2.5 cm. quartz vein 80^{o} to C.A. Vein has good moly selvages. 1048.75m 2 cm. quartz vein 45^{o} to C.A. Good moly associated. 1050.6m 5 mm. quartz vein 10^{o} to C.A. with good moly. 1051.9m 2-3 cm. quartz vein 90^{o} to C.A. Good moly as layers in vein. 1052.4 - 1053.1m 1 cm. quartz vein 0^{o} to C.A. Barren. 1046.3 - 1053.7m 0.10% MoS_2 and 2-3% Py.	1046.3 - 1053.7m 0.10% MoS_2 & 2-3% Py.									
1053.7	1066.2m	QUARTZ MONZONITE PORPHYRY 6a, 6b and Weak 6a P. The QMP is relatively massive with few fractures. Those present are usually $>45^{o}$ to C.A. The QMP has very intense silicification. The quartz stockwork is moderate to strong with good moly associated. Significant moly occurs along <1 mm. quartz veins and along a number of fractures as filling. There are at least 4 episodes of mineralized quartz veining, three of which are at a low $<30^{o}$ angle to the C.A. Minor purple anhydrite is noted throughout. 1063.3m 40 cm. has salmon pink to red feldspar flooding ? Extremely rich moly is associated. 1055.5m 3 - 5 mm. quartz vein 5^{o} to C.A. Very strong moly is associated.	1053.7 - 1066.2m $>0.15\%$ MoS_2 and 1-2% Py.									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
1053.7	1066.2m	CONTINUED:						
		1059.0 - 1059.9m 5 mm. quartz vein 0^{o} to C.A. Good moly is associated.						
		1060.1m 3 mm. coating of moly on a fracture 50^{o} to C.A.						
		1062.8m 2 mm. coating of moly on a fracture 70^{o} to C.A.						
		1063.5m 2 mm. coating of moly on a fracture 45^{o} to C.A.						
		1063.6m 5 mm. coating of moly on a fracture 70^{o} to C.A.						
		1063.65m 3 mm. coating of moly on a fracture 30^{o} to C.A.						
		From 1063.9 - 1066.2m 40% of core is sericitic and biotitic hornfels fragments are in QMP. Fragments are angular and have foliation down C.A.						
		The QMP in the last 2 m has less biotite and is a pale gray to cream in colour. Mineralogy is same as in regular QMP. What biotite phenocrysts are present are chloritic.						
		1064.9m 10 cm. gouge at 45^{o} to C.A.						
		The last 2.3 m. has a weaker quartz stockwork and less moly.						
		1064.6m 5 mm. quartz vein 10^{o} to C.A. Good moly in vein selvages.						
		1065.9m Irregular 1-5 mm. quartz vein 0^{o} - 10^{o} to C.A. For 20 cm. vein has good moly.						
		Trace anhydrite is noted in the QMP.						
		1053.7 - 1066.2m > 0.15% MoS_2 and 1-2% Py.						
	1066.2m	E.O.H. Limit of Diamond Drill's Capability.						

DDH RMY-82-29

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	Red Mountain	LATITUDE	L7 + 48W	STARTED	August 12, 1982
HOLE NO.	RMY 82-29	DEPARTURE	1 + 17N	FINISHED	September 15, 1982
BEARING	Vertical	ELEVATION	1587 m (5207')	LENGTH	3672' 1119.2 m
DIP-COLLAR	-90°	SECTION		LOGGED BY	P. Brown

DIP TEST

FT (Footage)	M (Footage)	Dip (Corrected)	Az (Corrected)	FT (Footage)	M (Footage)	Dip (Corrected)	Az (Corrected)	FT (Footage)	M (Footage)	Dip (Corrected)	Az (Corrected)
409	124.7	-89°	84°	1378	420.0	-90°	26.5°	2389	728.2	-89°	343°
776.5	236.7	-89°	197°	1578	481.0	-89°	52°	2828	862.0	-88°	24°
1222.5	372.6	-89°	12°	2017	614.8	-88°	44.5°	3218	980.8	-89°	21.5°
								3654	1113.7	-87°	347.5°

Footage From	Footage To	Description	% Mineralization
0.00	11.3m	Overburden, Triconed Casing	
11.3	41.3	QUARTZ MONZONITE PORPHYRY: OXIDIZED 6b	11.3 - 41.3 m 0.05 - 0.08% MoS_2 3-4% Py

Down to 33.2m the rock is very strongly broken with at least 50% of the core being fault gouge. Core recovery is 70 - 75%.
Below 33.2 m there is 100% core recovery.

Fault Gouge Zones occur at:-
13.8 - 14.3 m
14.8 - 16.2 m
17.5 - 18.3 m
18.9 - 19.2 m at 50° to C.A.
19.9 - 20.1 m
21.0 - 21.3 m at 40° to C.A.
23.5 - 26.4 m at 30° to C.A.
27.0 - 28.1m
29.1 - 29.95 m at 30° to C.A.
30.5 - 33.2 m at 50° to C.A.

In the broken and gouge zones oxidation is very strong with only short 5 - 15 cm section of fresh QMP When the oxidation is weaker very strong sericitic alteration of both feldspar phenocrysts and biotite phenocrysts is noted.

A few late pink K - spar veins are present, most are < 30° to the C.A.

Biotite and minor sericitic hornfels occur as irregular inclusions in the QMP. There appears to be hornfels in the gouge zones as well.

13.3 0 13.8 m biotite hornfels
16.5 - 17.5 m Sericitic and biotite hornfels.

20.6 m 1 - 3 mm Late Pink K-spar vein at 20° to the C.A. vein is barren and cuts several qtz stringers with moly.

In the fault gouge zones there are a number of < 0.5 cm to 2 - 5 cm fragments of qtz and unbroken QMP.

Down to 33.2 m very few qtz veins remain unbroken.

RQD	Sample No.	Footage From	Footage To	Length	MoS_2 %	Cu ppm	Pb ppm	Zn ppm	W ppm
4	W0617	11.3	15	3.7	.052	118			< 2
0	18	15	18	3	.046	216	36	190	4
16	19	18	21	3	.065	60			3
5	W0620	21	24	3	.058	61	100	94	< 2
9	21	24	27	3	.0[illegible]4	52			5
7	22	27	30	3	.060	73	92	144	< 2
8	23	30	33	3	.047	96			< 2
54	24	33	36	3	.128	60	440	248	9
60	25	36	39	3	.115	44			5
75	26	39	42	3	.103	54	44	52	3
83	27	42	45	3	.148	140			< 2
85	28	45	48	3	.078	172	102	128	< 2
76	29	48	51	3	.080	52			4
33	W0630	51	54	3	.060	58	45	146	< 2
39	31	54	57	3	.095	91			3
43	32	57	60	3	.084	62	76	202	3
65	33	60	63	3	.077	117			5
26	34	63	66	3	.113	64	52	134	7
51	35	66	69	3	.083	60			< 2
72	36	69	72	3	.132	56	84	310	< 2
61	37	72	75	3	.118	60			< 2
4	38	75	78	3	.097	74	380	334	< 2
38	39	78	81	3	.138	53			2
87	W0640	81	84	3	.103	36	60	120	4
86	W0641	84	87	3	.279	48			2
82	42	87	90	3	.163	56	68	202	3
53	43	90	93	3	.282	54	60		4
42	44	93	96	3	.233	78	70	266	2
73	45	96	99	3	.163	49			< 2
66	46	99	102	3	.136	31	72	542	< 2
42	47	102	105	3	.109	57			< 2
41	48	105	108	3	.143		52	92	2
31	49	108	111	3	.105	40			< 2
73	W0650	111	114	3	.133	40	36	64	< 2
71	51	114	117	3	.154	32			< 2
87	52	117	120	3	.190	34	18	22	4
77	53	120	123	3	.293	28			[illegible]
77	54	123	126	3	.147	28	20	62	<
79	55	126	129	3	.249	32			[illegible]
59	W06 56	129	132	3	.202	38	20	28	<

FOOTAGE From	FOOTAGE To	DESCRIPTION
11.3 m	41.3 m	Cont'd:

28.4m 1.2 cm qtz vein 60° to C.A. Barren.

The strongest oxidation below 33.2 m occurs along fractures and as wide selvages to some of the fractures. Fractures have selvages of oxidation up to 10 cm in width. Many of the fractures have a thin coating of a black mineral. MnO_2 Pyrolusite.

The Qtz stockwork below 33.2 m is well developed and there is weak to moderate moly associated. Between 33.2 and 41.3 m there is only minor hornfels inclusions.

The QMP has strong silicification throughout.

33.75 m 2 - 3 mm qtz vein 30° to C.A. vein has good moly associated.

Many of the qtz veins have minor (usually < 10 cm) offset movements along fractures.

35.75 m 1 cm qtz vein 70° to C.A. Trace moly.

Pyrite is fairly abundant in the QMP, occurring both as disseminations and in veins with or without qtz and moly.

36.5 - 36.8 m several irregular qtz veins with moly.

39.0 - 39.8 m ≈ 15% Biotite hornfels as inclusions in the QMP.

40.8 m 2 - 2.5 cm qtz vein 85° to C.A. Barren

No Ferrimolybditn has been noted in this section.

11.3 - 41.3 m 0.05 - 0.08% MoS_2 and 2 - 4% Py. Some of the pyrite has been oxidized.

FOOTAGE From	FOOTAGE To	DESCRIPTION
41.3 m	50.4 m	QUARTZ MONZONITE PORPHYRY 6b SERICITIC ALTERATION

The QMP has a number of hornfels inclusions. Most are biotitic; the larger ones occur at:

41.95 - 42.3 m; 42.7 - 42.8 m; 44.4 - 46.3 m mixed biotite and sericitic hornfels foliated at 80° - 90° to C.A.; 49.4 - 49.46 m; 49.8 - 50.2m;

This section of QMP to 50.4 m is fairly massive, with quite a few less fractures than in the section above. Oxidation is restricted to fractures. A few fractures have a 1 - 2 cm selvage of oxidation. Many of the fractures are ∠ 30° to C.A., and are usually irregular and rough

% Mineralization ROD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
59	W0657	132	135	3	.243	30			2
44	58	135	138	3	.244	34	24	130	6
73	59	138	141	3	.370	32			5
71	W0660	141	144	3	.143	38	70	600	< 2
52	61	144	147	3	.570	36			3
63	62	147	150	3	.138	30	88	404	7
76	63	150	153	3	.213	32			< 2
78	64	153	156	3	.170	36	22	56	< 2
59	65	156	159	3	.166	36			8
81	66	159	162	3	.229	32	40	178	< 2
90	67	162	165	3	.127	36			< 2
87	68	165	168	3	.097	30	24	980	3
78	69	168	171	3	.167	22			6
75	W0670	171	174	3	.169	50	26	44	< 2
61	71	174	177	3	.103	32			< 2
53	72	177	180	3	.125	48	20	46	< 2
51	73	180	183	3	.161	34			4
67	74	183	186	3	.099	38	22	88	< 2
71	75	186	189	3	.091	400			3
70	76	189	192	3	.007	324	180	970	< 2
78	77	192	195	3	.002	52			< 2
80	78	195	198	3	.078	30	24	30	5
59	79	198	201	3	.100	38			7
76	W0680	201	204	3	.086	36	14	32	< 2
50	81	204	207	3	.108	36			4
70	82	207	210	3	.083	30	10	32	7
48	83	210	213	3	.164	28			2
62	84	213	216	3	.123	30	22	50	4
19	85	216	219	3	.128	28			6
48	86	219	222	3	.087	26	20	32	2
60	87	222	225	3	.113	28			2
27	88	225	228	3	.090	28	16	56	5
44	89	228	231	3	.086	28			3
54	W0690	231	234	3	.115	26	22	70	< 2
69	91	234	237	3	.172	32			12
72	92	237	240	3	.207	26	16	22	2
69	93	240	243	3	.112	26			< 2
26	94	243	246	3	.068	26	8	36	< 2
31	95	246	249	3	.180	28			< 2
32	96	249	252	3	.123	30	12	28	6
77	97	252	255	3	.185	30			13
40	98	255	258	3	.193	28	14	42	< 2
29	99	258	261	3	.031	38			15
51	W0700	261	264	3	.002	40	16	26	< 2
81	01	264	267	3	.003	326			13
64	02	267	270	3	.002	930	36	6700	4
62	03	270	273	3	.003	680			10
54	04	273	276	3	.017	186	118	90	3
9	05	276	279	3	.002	132			< 2
50	06	279	282	3	.123	40	46	66	2
68	07	282	285	3	.156	42			2
69	08	285	288	3	.145	34	20	40	3
71	09	288	291	3	.334	32			2
38	W0710	291	294	3	.113	34	31	40	3

41.3 m – 50.4 m

Cont'd:

The QMP has strong silicification throughout and there is a good qtz stockwork. Most of the qtz veins are < 5mm, however a few are > 1cm in width. There are at least 4 episodes of veining. Two sets are at a low angle to the C.A. < 30°. Two sets are 70° - 90° to the C.A. All four sets have some moly associated. There is also a series of pyrite veins which are older than the four qtz veins mentioned above. The pyrite veins are usually 1 - 2 mm in width and usually < 25° to C.A.

A number of late Pink K-spar veins usually < 30° to C.A. and always barren are also present in this section.

The QMP has about 0.05 - 0.10% moly from 41.3 m to 50.4 m and 2 - 4 % Py. Very little moly occurs along any of the fractures.

42.4 m 2mm late K-spar vein 5° to C.A. Barren
43.65m 5mm late K-spar vein 20° to C.A. Barren
46.85m 2mm qtz vein 85° to C.A. Good moly in vein
47.85m Two crosscutting veins both 5 - 7 mm in width and 45° to 50° C.A. Both veins have moly in its selvages.
48.2m 5mm qtz vein 85° to C.A. Vein has good moly. This vein cuts several other qtz veins with moderate moly.
48.35m 6mm qtz vein 50° to C.A. Vein has offset movement. There is good moly in vein.
48.7m 1 - 2 cm vuggy late K-spar vein 20° to C.A. Vein is barren, and cuts a 5 mm qtz vein at 50° to C.A. The qtz vein has good moly associated.

% Mineralization: 41.3-50.4 m 0.05-0.10% MoS_2 & 2-3% Py

50.4 m – 113.3 m

QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6a, 6b, TRACE 6a^P

Most of the qtz monzonite in this section is strongly oxidized. There are a number of broken and fault gouge zones. Throughout a number of the qtz veins are vuggy. The oxidation is so intense that the majority of the core and all the broken and fault gouge zones have been completely oxidized throughout.

Broken and Fault Gouge Zones occur at:

51.3 - 51.7 m Broken Core and fault gouge at 10° to C.A.
53.2 - 55.4 m Broken Core and minor fault gouge
57.05 - 57.45 m Broken Core
59.8 - 60.0 m Broken Core
74.0 - 79.9 m Broken Core with fault gouge between 75.5 and 75.8 m.
94.6 - 95.6 m Broken Core with 10 cm of gouge at 95.4 m at 20° to C.A.
98.7 - 99.4 m Broken Core
104.4 - 104.9 m Fault gouge at 30° to 40° C.A.
106.15 - 108.4 m Broken core with fault gouge at 107.6 - 108.1 m Fault gouge is at 45° to C.A.

RQD	Sample No.	Footage From	Footage To	Length	MoS_2 %	Cu ppm	Pb ppm	Zn ppm	W ppm
25	WO 711	294	297	3	.082	34			2
24	12	297	300	3	.238	36	24	32	< 2
9	13	300	303	3	.148	52			2
3	14	303	306	3	.137	34	23	32	< 2
28	15	306	209	3	.127	24			< 2
42	16	309	312	3	.162	20	30	44	< 2
67	17	312	315	3	.167	22			2
42	18	315	318	3	.460	24	29	38	< 2
48	19	318	321	3	.364	28			< 2
57	WO 720	321	324	3	.235	32	236	64	2
45	21	324	327	3	.114	30			2
25	22	327	330	3	.151	26	24	50	3
23	23	330	333	3	.160	34			< 2
3	24	333	336	3	.174	34	14	42	2
43	25	336	339	3	.125	32			< 2
23	26	339	342	3	.100	32	18	32	< 2
23	27	342	345	3	.179	30			< 2
16	28	345	348	3	.217	24	23	42	< 2
10	29	348	351	3	.228	26			2
30	WO 730	351	354	3	.162	34	16	36	2
63	31	354	357	3	.185	36			2
34	32	357	360	3	.183	46	19	42	2
48	33	360	363	3	.340	24			< 2
36	34	363	366	3	.302	18	16	32	< 2
41	35	366	369	3	.170	28			3
13	36	369	372	3	.182	26	24	38	2
16	37	372	375	3	.016	50			< 2
48	38	375	378	3	.011	30	28	64	< 2
44	39	378	381	3	.188	26			2
63	WO 740	381	384	3	.250	28	34	44	< 2
34	41	384	387	3	.168	30			< 2
44	42	387	390	3	.112	24	90	60	2
57	43	390	393	3	.205	24			< 2
51	44	393	396	3	.013	36	202	8	< 2
64	45	396	399	3	.002	145			23
60	46	399	402	3	.001	132	440	206	35
35	47	402	405	3	.002	76			7
35	48	405	408	3	.002	74	105	88	13
67	49	408	411	3	.002	60			4
37	WO 750	411	414	3	.013	26	68	24	30
25	51	414	417	3	.144	16			12
5	52	417	420	3	.107	76	328	248	110
26	53	420	423	3	.265	18			15
43	54	423	426	3	.032	104	720	374	160
48	55	426	429	3	.002	198			70
77	56	429	432	3	.002	720	112	360	13
66	57	432	435	3	.047	210			25
68	58	435	438	3	.272	20	44	50	4
57	59	438	441	3	.335	17			6
84	WO 760	441	444	3	.248	28	136	152	3
83	61	444	447	3	.168	64			7
98	62	447	450	3	.171	35	480	225	90
100	63	450	453	3	.268	48			5
93	WO7 64	453	456	3	.220	26	28	51	3

FOOTAGE From	FOOTAGE To	DESCRIPTION
50.4 m	113.3 m	Cont'd:

109.4 - 110.7 m Fault gouge at 40° to C.A.

Strongly oxidized QMP occur at: 50.4 - 57.8m; 58.6 - 60.3m; 62.4 - 69.7m; 71.5 - 80.7m; 86.7 - 90.6m; 94.2 - 95.7m; 97.5 - 99.7m; and 102.5 - 113.3m.

Scattered throughout this section of QMP are a few inclusions of hornfels. In most of the oxidized, broken or fault gouge zone it is difficult to determine what the rock actually is.

Total visible content of hornfels, most of which is biotite appears to be < 2%.

50.4 - 51.0 m mainly biotite hornfels
51.9 m 5 cm of biotite hornfels.

Where the core is not strongly oxidized the QMP shows very strong silicification and a moderate to good qtz stockwork.

The QMP is composed of 40 - 70% < 2 to 5 mm feldspar phenocrysts, often slightly sericitized, 3 - 7%, 1 - 5 mm qtz eyes, 2 - 3% 1 - 3 mm often sericitic biotite phenocrysts in a siliceous groundmass. The ground mass varies from sericitic to chloritic.

Throughout this section many of the qtz veins are < 4mm in width. There are at least three episodes of qtz veining containing moly. Total moly content appears to be low, about 0.05 - 0.10% MoS_2 with 2 - 4% Pyrite. Short sections appear to have better than 0.10% moly.

A number of fractures have a coating of MnO_2. Most fractures are irregular and rough.

No Moly oxide has been noted in the oxidized zone.

Pyrite occurs as disseminations in the QMP, and in qtz veins with or without moly and as coating on fractures.

57.3m 1 cm qtz vein 30° to C.A. vein has minor moly and pyrite.

In the short section of weakly oxidized core, fractures still have 1 to 10 cm selvages of strong oxidation. In the strongly oxidized zones the qtz veining is at times vuggy. This could be caused by the loss of pyrite.

60.4 m Two cross cutting qtz veins. One a 14 mm vein at 15° to C.A. with weak moly cuts; a 5 - 7 mm qtz vein at 80° to C.A. which is barren.

% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2%	Cu ppm	Pb ppm	Zn ppm	W ppm
	98	W0765	456	459	3	.312	54			2
	92	66	459	462	3	.213	14	40	102	< 2
	84	67	462	465	3	.348	706			5
	98	68	465	468	3	.220	122	192	370	2
	92	69	468	471	3	.218	26			≤ 2
	83	W0770	471	474	3	.088	76	104	234	< 2
	100	71	474	477	3	.163	36			4
	9	72	477	480	3	.225	34	40	326	6
	61	73	480	483	3	.203	36			3
	76	74	483	486	3	.208	22	76	254	11
	71	75	486	489	3	.227	14			2
	58	76	489	492	3	.235	16	52	96	14
	82	77	492	495	3	.167	36			< 2
	77	78	495	498	3	.263	30	54	78	9
	40	79	498	501	3	.150	42			15
	24	W0780	501	504	3	.096	122	74	198	6
	73	81	504	507	3	.168	70			275
	85	82	507	510	3	.242	20	72	58	< 2
	93	83	510	513	3	.224	50			< 2
	100	84	513	516	3	.112	95	45	38	180
	100	85	516	519	3	.208	20			< 2
	100	86	519	522	3	.344	16	48	75	< 2
	97	87	522	525	3	.203	12			< 2
	100	88	525	528	3	.150	38	28	38	< 2
	100	89	528	531	3	.220	42			3
	97	W0790	531	534	3	.268	36	42	26	< 2
	93	91	534	537	3	.216	32			9
	100	92	537	540	3	.148	28	92	56	5
	100	93	540	543	3	.203	30			10
	100	94	543	546	3	.329	26	60	29	3
	97	95	546	549	3	.174	24			2
	100	96	549	552	3	.172	36	22	20	8
	97	97	552	555	3	.235	22			13
	100	98	555	558	3	.242	28	48	46	6
	100	99	558	561	3	.214	26			4
	93	W0800	561	564	3	.213	20	14	20	5
	100	01	564	567	3	.182	21			6
	100	02	567	570	3	.235	22	10	16	9
	75	03	570	573	3	.257	26			120
	72	04	573	576	3	.244	18	12	16	11
	87	05	576	579	3	.093	36			8
	76	06	579	582	3	.165	40	24	36	10
	97	07	582	585.8	3.8	.168	22			7
* Start of NQ Core	100*	08	585.8	588	2.2	.143	26	68	42	3
	85	09	588	591	3	.313	38			7
	79	W0810	591	594	3	.134	48	68	90	15
	63	11	594	597	3	.239	38			4
	83	12	597	600	3	.125	42	18	34	8
	78	13	600	603	3	.148	43			2
	55	14	603	606	3	.211	28	58	36	6
	97	15	606	609	3	.256	30			13
	85	16	609	612	3	.126	32	28	50	11
	93	17	612	615	3	.123	28			12
	93	W08 18	615	618	3	.106	34	124	150	18

FOOTAGE From	FOOTAGE To	DESCRIPTION
50.4 m	113.3 m	Cont'd:

From 60.6 - 90.0 m in places the matrix of the QMP appears to be chloritic, and the feldspar phenocrysts are fresher looking. There is also 1 - 2% fresh biotite present. The qtz stockwork appears weaker and at times minor K-spar is present.

66.1 m Several subparallel 2 - 3 mm qtz veins 10° to C.A. Veins have moderate moly as narrow selvages to the veins.
71.5 - 72.0 m 3 mm qtz vein 0° to C.A. Vein has good moly.
73.5m 5 mm qtz vein 30° to C.A. Barren.
80.45 m 5 mm qtz vein 45° to C.A. Good disseminated moly in vein.
81.2 m 1 - 5 mm qtz vein 10° to C.A. Trace moly.
81.8 - 82.1 m Several 5 mm to 1.5 cm qtz vein with trace moly at best.
85.2 m 2 mm qtz vein 5° to C.A. Good moly is associated. Vein cuts three other qtz veins at 45° - 70° to C.A. These veins also have good moly.
85.5 m 1.2 cm qtz vein 45° to C.A. With good moly.
89.8 m 1 cm qtz vein 30° to C.A. With good moly selvages.
90.6 m 3 mm qtz vein down C.A. for 90 cm. Good moly in vein.
93.1 m 1.4 cm by 5 cm fragmenting qtz vein with moly.
96.2 m Several parallel qtz vein 1 - 2 mm in width, all have good moly.

96.6 - 97.0 five episodes of qtz veining are noted. Oldest has trace moly and pyrite. Next has trace moly, next has good moly and trace pyrite, next is barren and the youngest has trace pyrite. Angles to C.A. are 10°, 60°, 70°, 30° and 50° respectively.

98.1 m 3 mm qtz vein 30° to C.A. Vein has good moly selvages.
98.5 m Two subparallel 5 - 7 mm qtz veins 70° to 80° to C.A. Both with good moly. Another 7 mm qtz vein at 30° to C.A. is also present but not cross cutting. Vein also has good moly.

100.4 m 5 mm qtz vein 75° to C.A. Vein has good moly selvages.

From 99.5 to 113.3 m. Occasional fresh secondary biotite < 1% total content.

100.5 m 3 mm qtz vein 80° to C.A. Good moly in vein selvage
101.05 m 5 mm qtz vein 70° to C.A. Good moly selvages
101.3 m 1 cm qtz vein 10° to C.A. Moderate to weak moly
105.0 m 1.5 cm qtz vein 30° to C.A. Trace moly.
105.4 m 1 - 1.5 cm qtz vein 5° to C.A. Vein has good moly
107.25 m 7 mm qtz vein 30° to C.A. Moderate moly in vein
108.75 m 1 cm qtz vein. Broken vein, vein has good to moderate moly
110.05 m Irregular 3 cm qtz vein 0° to C.A. for 30 cm. Trace moly.
112.0 m 2 mm qtz vein 20° to C.A. Weak moly
113.0 m 5 mm qtz vein on core surface for 20 cm. Moderate moly in vein
113.5 m Fracture 85° to C.A. Fracture has 1 mm coating of moly
113.4 m 1 - 2 mm qtz vein 5° to C.A. Good moly in vein

% Mineralization: 50.4 - 113.3m 0.05 - 0.10% MoS_2 & 2 - 4% Py

*Indicates samples which have been split and only ½ core crushed.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2 %	Cu ppm	Pb ppm	Zn ppm	W ppm
83	W0819	618	621	3	.135	36			13
83	W0820	621	624	3	.170	24	20	134	4
93	21	624	627	3	.243	25			4
76	22	627	630	3	.128	27	28	62	4
92	23	630	633	3	.157	24			<2
97	24	633	636	3	.090	22	32	38	2
100	25	636	639	3	.145	24			7
100	26	639	642	3	.198	30	20	36	12
100	27	642	645	3	.174	26			11
97	28	645	648	3	.215	38	22	44	28
100	29	648	651	3	.165	36			3
97	W0830	651	654	3	.193	28	16	26	20
100	31	654	657	3	.147	24			13
100	32	657	660	3	.267	20	22	36	25
93	33	660	663	3	.040	18			11
90	34	663	666	3	.002	17	60	62	17
77	35	666	669	3	.002	160			9
89	36	669	672	3	.050	112	36	134	32
100	37	672	675	3	.142	25			12
90	38	675	678	3	.284	26	38	42	5
97	39	678	681	3	.420	22			7
90	W0840	681	684	3	.242	34	24	46	4
90	41	684	687	3	.344	40			3
93	42	687	690	3	.260	64	26	58	4
93	43	690	693	3	.198	58			3
97	44	693	696	3	.187	28	30	42	2
100	45	696	699	3	.273	34			<2
92	46	699	702	3	.145	28	16	32	<2
97	47	702	705	3	.240	46			4
93	48	705	708	3	.253	60	28	36	<2
100	49	708	711	3	.294	46			3
97	W0850	711	714	3	.313	38	16	40	3
100	51	714	717	3	.640	18			4
97	52	717	720	3	.380	10	16	28	7
100	53	720	723	3	.435	8			2
93	54	723	726	3	.420	12	20	18	3
97	55	726	729	3	.427	10			<2
100	56	729	732	3	.232	12	14	30	<2
73	57	732	735	3	.298	56			6
96	58	735	738	3	.241	16	18	28	4
97	59	738	741	3	.129	18			7
100	W0860	741	744	3	.242	18	16	34	5
100	61	744	747	3	.268	30			3
88	62	747	750	3	.195	26	28	36	11
100	63	750	753	3	.234	42			<2
88	64 *	753	756	3	.220	34	16	32	<2
64	65 *	756	759	3	.273	12			<2
97	66 *	759	762	3	.453	84	16	36	<2
88	67 *	762	765	3	.486	12			4
90	68 *	765	768	3	.158	52	16	30	5
97	69 *	768	771	3	.208	50			15
100	W0870 *	771	774	3	.376	80	12	40	<2
88	71 *	774	777	3	.322	336			18
100	W0872 *	777	780	3	.280	134	14	48	3

FOOTAGE From	FOOTAGE To	DESCRIPTION
113.3 m	187.03 m	QUARTZ MONZONITE PORPHYRY VARIABLE ALTERATION 6aP, 6a, 6b

The QMP is composed of 40 - 70% 1 to 5 mm cream white fresh looking feldspar phenocrysts; 3 - 5% 2 - 5 mm qtz eyes, 1 - 3 % Fresh to chloritic to sericitic biotite phenocrysts in a fine-grained and extremely siliceous groundmass.

In places silica flooding is so intense that it replaces much of the QMP and masks the qtz stockwork.

The majority of the qtz veins in this section are vuggy, however it doesn't appear to be related to weathering. Very little pyrite is associated with the veining.

Although a number of fractures have a coating of iron oxide and in sections a number of these fractures have 3 cm - 10 cm selvages of oxidation, the intensity of oxidation is no where near as intense as in the section above. Fractures vary from 5° to 80° to the C.A. Many are irregular and rough. No MnO_2 coating on fractures was noted.

Potassic alteration is quite variable throughout; from weak to locally intense. The potassic alteration is generally a pale cream colour, and occurs as both selvages to veins and fractures and as flooding. Chlorite alteration is almost always associated with the potassic alteration, thus giving the rock a greenish tinge. Short sections are sericitic and a pale cream gray in colour. Moly occurs in qtz veins and along fractures in the QMP. Pyrite occurs as disseminations in the QMP, as coatings along fractures and in some of the qtz veins with or without molybdenite.

114.15 m 3 cm qtz vein 20° to C.A. Minor moly in vein
114.6 m 3 mm qtz vein 70° to C.A. Good moly in vein
116.1 - 116.4 m Several 2 - 5 cm inclusions of biotite hornfel
116.5 m Strong potassic alteration for 10 cm as flooding.
117.0 m 1 cm qtz vein 20° to C.A. Only weak moly in vein
118.3 - 119.6 m 5 - 10 mm qtz vein 0° to C.A. Moderate moly in vein
120.9 m 4 mm qtz vein 45° to C.A. Good moly in vein
120.6 - 121.3 m 4 mm qtz vein 0° to C.A. Vein cuts vein at 120.9 m. Vein is barren.
121.5 m 1 cm qtz vein 30° to C.A. Good moly is associated
121.7 m 2.5 cm qtz vein 45° to C.A. Vein has good moly selvages
121.75 m Vein on core surface for 30 cm. Good moly in vein
122.25 m 5 mm qtz vein 30° to C.A. Good moly in vein. Vein cuts a 2 mm qtz vein at 80° to C.A. This vein also has good moly.
122.5 - 123.8 m 1 cm qtz vein 0° to C.A. Vein has good moly
From 122.8 to 141.3 m A number of fractures have 5 - 10 cm selvages of very strong oxidation.
126.3 m 5mm qtz vein 20° to C.A. Good moly is associated
126.8 m Irregular 1 cm qtz vein 10° to 30° to C.A. Vein has good moly associated.
127.35 m 5 mm qtz vein 85° to C.A. Good moly in vein
128.6 m 1 cm qtz vein 20° to C.A. Trace Moly
128.85 m Fracture with a good coating of moly at 45° to C.A.

% Mineralization: * Indicates samples which have been split and only ½ of core crushed.

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2 %	Cu ppm	Pb ppm	Zn ppm	W ppm
100	W0873 *	780	783	3	.224	200			2
90	74 *	783	786	3	.447	106	12	36	< 2
76	75 *	786	789	3	.338	216			< 2
91	76	789	792	3	.210	192	24	76	6
97	77	792	795	3	.207	134			< 2
64	78	795	798	3	.087	208	26	48	4
66	79	798	801	3	.118	318			7
50	W0880	801	804	3	.096	124	20	80	3
78	81	804	807	3	.298	66			8
84	82	807	810	3	.086	82	30	50	12
69	83	810	813	3	.034	40			6
76	84	813	816	3	.044	104	28	90	9
52	85	816	819	3	.013	52			8
76	86	819	822	3	.021	40	22	50	13
79	87	822	825	3	.033	30			17
79	88	825	828	3	.031	26	30	30	16
56	89	828	831	3	.020	94			4
62	W0890	831	834	3	.024	95	22	50	6
9	91	834	837	3	.002	284			2
33	92	837	840	3	.022	20	19	28	3
43	93	840	843	3	.127	48			15
87	94	843	846	3	.372	62	16	36	2
73	95	846	849	3	.265	106			4
91	96	849	852	3	.195	146	20	44	3
63	97	852	855	3	.556	68			3
74	98	855	858	3	.305	18	22	24	2
51	99	858	861	3	.204	26			< 2
55	W0900	861	864	3	.032	14	24	23	7
72	01	864	867	3	.050	18			< 2
18	02	867	870	3	.025	12	24	24	< 2
16	03	870	873	3	.024	16			5
63	04	873	876	3	.017	14	28	28	6
89	05	876	879	3	.030	18			9
85	06	879	882	3	.039	20	22	26	50
86	07	882	885	3	.046	20			125
85	08	885	888	3	.034	20	24	30	8
86	09	888	891	3	.053	22			3
98	W0910	891	894	3	.055	32	28	30	14
100	11	894	897	3	.038	24			5
100	12	897	900	3	.060	20	20	40	7
100	13	900	903	3	.047	24			6
97	14	903	906	3	.046	16	12	28	6
97	15	906	909	3	.043	18			18
90	16	909	912	3	.040	28	28	32	13
80	17	912	915	3	.053	46			140
87	18	915	918	3	.040	20	26	34	10
80	19	918	921	3	.057	16			23
70	W0920	921	924	3	.058	20	32	22	4
77	21	924	927	3	.042	18			15
79	22	927	930	3	.018	44	28	38	28
70	23	930	933	3	.033	18			13
88	24	933	936	3	.047	26	24	32	7
86	25	936	939	3	.046	58			35
79	W0926	939	942	3	.051	20	26	38	12

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2 %	Cu ppm	Pb ppm	Zn ppm	W ppm
113.3 m	187.03 m	Cont'd:		47	W0927	942	945	3	.014	56			10
				23	28	945	948	3	.008	48	30	26	11
		132.25 m 5 - 10 mm qtz vein, 45° to C.A. Good moly in vein		14	29	948	951	3	.007	26			8
		132.0 m Strong Potassic alteration as a selvage to a fracture		36	W0930	951	954	3	.007	72	24	38	125
		132.3 m 1 cm qtz vein 5° to C.A. Good moly in vein		45	31	954	957	3	.013	40			90
		132.7 m 5 mm qtz vein 40° to C.A. Fine-grained moly in vein		37	32	957	960	3	.002	82	16	22	70
		132.9 m 1 cm qtz vein 5° to C.A. Good moly is associated		27	33	960	963	3	.004	80			28
		134.0 - 134.8 m 5 - 10 mm qtz vein 0° to C.A. Good moly as a		70	34	963	966	3	.001	14	24	14	13
		selvage in vein.		62	35	966	969	3	.001	52			35
		135.9 m Cross cutting qtz veins 3 mm and 7 mm both at 45° to C.A.		26	36	969	972	3	.002	28	20	14	12
		Both veins have good moly associated.		48	37	972	975	3	.002	22			30
		137.7 m 8 mm qtz vein 35° to C.A. Vein has good moly; this vein		63	38	975	978	3	.002	44	20	26	140
		cuts a 6 mm qtz vein 10° to C.A. with trace moly.		52	39	978	981	3	.002	34			150
		136.2 m 15 cm of biotite hornfels as an inclusion. At 138.2 m		39	W0940	981	984	3	.021	22	28	16	230
		5 vein relationships can be seen. The oldest is a 3 mm qtz vein 70° to C.A.		55	41	984	987	3	.003	36			65
		with moderate moly. Next vein is a 6 mm qtz vein at 10° to C.A. and		51	42	987	990	3	.005	52	24	18	9
		barren. The next two veins are each 3 mm in width and 80° and 45° to C.A.		38	43	990	993	3	.002	42			7
		respectively. Both have good moly associated. The youngest is a 8 mm		70	44	993	996	3	.018	34	32	16	24
		qtz vein, 90° to C.A. and barren.		42	45	996	999	3	.010	32			65
				33	46	999	1002	3	.032	36	16	16	40
		138.4 m 1.5 cm qtz vein 10° to C.A. Moderate moly in vein selvage.		86	47	1002	1005	3	.184	34			12
		139.2 m 5 mm qtz vein 5° to C.A. Vein has good moly associated		82	48	1005	1008	3	.170	78	16	32	4
				78	49	1008	1011	3	.198	32			35
		From 140.0 - 147.9 m 30 - 60% of the core is sericitic hornfels with		65	W0950	1011	1014	3	.153	74	16	24	9
		minor biotite hornfels. Very strong silicification is associated with		64	51	1014	1017	3	.172	68			< 2
		the hornfels.		8	52	1017	1020	3	.183	66	12	22	< 2
		141.6 m 7mm qtz vein 10° to CA. Vein has moderate moly & pyrite.		36	53	1020	1023	3	.202	30			3
		142.0 m 1.5cm qtz vein 45° to C.A. Trace moly.		49	54	1023	1026	3	.210	26	16	22	3
		142.2 m 5 cm by 3 cm band of coarse-grained pyrite		62	55	1026	1029	3	.534	20			6
		143.7 - 144.8 m Irregular 3 - 10 mm qtz vein 0° to C.A. Vein has		38	56	1029	1032	3	.072	102	16	14	< 2
		good moly associated.		35	57	1032	1035	3	.005	76			160
		145.7 m 2 cm qtz vein 0° to C.A. for 25 cm . Good moly is		50	58	1035	1038	3	.004	33	28	21	175
		associated.		75	59	1038	1041	3	.001	20			300
		146.3 - 146.65 m 1 cm qtz vein 0° to C.A. Good moly is associated.		45	W0960	1041	1044	3	.001	23	36	19	240
		145.5 - 146.2 m Fracture down C.A. with strong oxidation		76	61	1044	1047	3	.011	97			320
		149.0 - 149.7 m 5 - 10 mm qtz vein 0° to C.A. Vein has minor pyrite.		80	62	1047	1050	3	.106	194	16	32	< 2
		150.2 m 5 mm qtz vein 20° to C.A. Moderate moly is associated.		91	63	1050	1053	3	.210	36			< 2
		151.2 m 1 cm qtz vein 0° to C.A. for 70 cm. Moderate moly is		78	64	1053	1056	3	.598	50	12	34	4
		assocaited. Vein cuts a 4 mm qtz vein at 85° to C.A. This vein at		89	65	1056	1059	3	1.930	45			16
		151.4 m has trace moly.		98	66	1059	1062	3	.320	22	20	29	< 2
				99	67	1062	1065	3	.110	19			< 2
		From 152.5 - 156.0 m strong potassic alteration as selvages to veins		85	68	1065	1068	3	.207	14	16	73	12
		and fractures.		79	69	1068	1071	3	.147	21			< 2
				75	W0970	1071	1074	3	.211	37	24	35	< 2
		153.0 m 2 cm qtz vein 10° to C.A. Moderate moly is associated.		65	71	1074	1077	3	.059	21			250
		155.6 m 4 mm qtz vein 15° to C.A. Good moly in vein.		87	72	1077	1080	3	.454	14	14	20	2
				64	73	1080	1083	3	.229	21			< 2
		155.6 m - 156.0 m. Several inclusions of 2 - 5 cm wide biotite		19	74	1083	1086	3	.097	112	16	39	10
		hornfels inclusions		12	75	1086	1089	3	.124	160			< 2
				24	76	1089	1092	3	.122	61	22	38	2
				49	77	1092	1095	3	.044	54			5
				45	78	1095	1098	3	.308	34	18	26	< 2
				10	79	1098	1101	3	.980	20			< 2
				58	W0980	1101	1104	3	.180	29	14	28	2

FOOTAGE From: 113.3m **To:** 187.03m

DESCRIPTION

Cont'd:

156.9 - 161.7 m Sericitic alteration of the QMP.
157.45 m 3 mm qtz vein 45° - 50° to C.A. Vein has moderate moly associated.
157.7 m 3 mm qtz vein 45° to C.A. Vein has moly selvages.
157.75 - 158.5 m 3mm qtz vein 0° to C.A. Vein is barren.

From 157.8 - 162.0 m Moderate oxidation of QMP.

158.8 - 160.2 m Recemented fault gouge at 30° to C.A.
161.45 m 4 cm qtz vein 30° to C.A. Trace moly in vein.
162.03 m 1 cm qtz vein 75° to C.A. Good moly in vein.
163.6 m 20 cm of strong silica 70° to C.A. Trace moly and pyrite is associated. Potassic alteration also occurs as a selvage.
164.8 m Several 3 - 5mm qtz veins at 30° to C.A. with pyrite.
166.45 m 1 mm coating of moly on a fracture.
167.2 m 2.5 cm qtz vein 21° to C.A. Vein has trace of moly. Vein has good potassic selvages.
168.5 m 8 mm qtz vein 70° to C.A. Moderate moly is associated. Vein is cut by a pyrite stringer at 10° to C.A.
169.75 m 5 mm qtz vein 65° to C.A. Moderate moly in vein.
171.0 - 171.6 m 8 mm qtz vein 0° to C.A. Moderate moly in vein.
172.2 - 172.4 m Several irregular stringers of pyrite in QMP.
172.5 m Irregular 1 - 3 cm qtz vein 5° to C.A. Moderate moly is associated.
176.25 m 1 cm qtz vein 15° to C.A. Trace moly in vein.
178.0 - 178.6 m Very strong potassic alteration and flooding and as selvages to qtz veining.
178.8 m 2 - 5 cm qtz vein 0° to C.A. for 50 cm. Trace pyrite is associated.
179.1 m 3 cm qtz vein 30° to C.A. Moly occurs in a selvage in vein.
179.2 m 5 - 7 cm qtz vein 0° to C.A. for 145 cm. Trace moly in vein.
182.7 - 183.3 m Very strong silicification.
184.6 - 185.2 m Very strong silicification.
186.4 m 1 cm qtz vein 80° to C.A. Good moly in vein.
186.7 m 1 - 3 cm qtz vein down C.A. for 35 cm. Good moly in vein.

113.3 - 175.0 m 0.12 - 0.15% MoS_2 and 1 - 2% Pyrite
175.0 - 187.03 m ≎ 0.10% MoS_2 and 1 - 2% Pyrite

% Mineralization

113.3 - 175.0 m
0.12 - 0.15% MoS_2 & 1 - 2% Py

175.0 - 187.03 m
≎ 0.10% MoS_2 & 1 - 2% Py

RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2	Cu ppm	Pb ppm	Zn ppm	W ppm
20	W0981	1104	1107	3	.213	73			2
48	82	1107	1110	3	.940	19	18	24	2
17	83	1110	1113	3	.278	68			2
17	84	1113	1116	3	.320	56	22	32	2
39	W0985	1116	1119.2	3.2	.036	75			2

W0985 IS END OF HOLE

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
187.03 m	195.5 m	MEDIUM GREEN CHLORITIC QUARTZ EYE DIORITE 7b Upper contact sharp at 70° to C.A. Lower contact sharp at 35° to C.A. L.C. has an irregular outline. Between 189.9 and 190.5m there is a 15 cm inclusion of potassic QMP. Contacts are 20° to 25° to the C.A. The inclusion has a few 3 - 5 cm biotite hornfels inclusions. The QED is a medium green to a greenish gray in colour. The unit is composed of ≈ 60% usually < 2 mm feldspar phenocrysts 5 - 7%, 3 - 5 mm qtz eyes, 1 - 2%, 2 - 3mm chloritic biotite phenocrysts in a coarse-grained chloritic and siliceous groundmass. The QED has 3 - 5% disseminated pyrite. No veining of any type is present, however there are a few stringers of pyrite. Adjacent to the contacts with the QMP inclusion the QED is moderately sericitic. From 187.03 - 195.5 m No visible moly except in the potassic QMP inclusion and 3 - 5% Pyrite.	187.03 - 195.5 m The QED dike has no visible MoS_2 & 3 - 5% Pyrite.									
195.5 m	258.6 m	QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6a, 6aP, 6b The QMP has moderate to strong chlorite alteration. Potassic alteration occurs thoughout, and varies from weak to moderate. Short section occuring in this section are sericitic. Contacts between the chloritic and sericitic QMP are gradational. Strong silicification occurs throughout and much of the QMP has a sugary texture. Many of the qtz veins in this section are vuggy. Fractures are generally at a low angle to the C.A. < 30° or greater than 70° to the C.A. There are usually between 3 and 5 fractures per meter. In this section very few fractures have moly coatings. No gypsum veins or anhydrite has been noted in the potassic alteration, in this section. The QMP has several broken and fault gouge zones. These occur at: 204.9 - 205.3 m Broken Core 205.8 - 206.7 m Broken Core 211.5 - 212.7 m Broken Core 214.6 m 20 cm of gouge at 60° to C.A. 215.7 - 216.2 m Broken Core 216.2 - 217.3 m Fault gouge at 30° to C.A. 217.3 - 217.8 m Broken Core 217.8 - 218.0 m Fault gouge at 30° to C.A. 225.0 - 226.8 m Broken Core 228.6 - 229.3 m Broken Core 232.6 - 233.0 m Broken Core 235.35 - 235.9 m Broken Core										

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Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
195.5 m	258.6 m	Cont'd:						
		From 195.5 m to 228.0 m there is a moderate qtz stockwork and what appears to be only moderate moly associated. This section seems similar to the one from 175.0 - 187.03 m, with respect to molybdenite content.						
		From 198 - 203.7m there are several biotite hornfels inclusions in the QMP. Many are < 1cm in size and very few are larger than 5 cm. Total content is 1 - 2%.						
		197.2 m Trace apatite muscovite	195.5 - 228.0 m 0.10% MoS_2 and 1 - 2% Pyrite					
		201.4 m 1 cm qtz vein 30° to C.A. Good moly in vein						
		204.55 m 1 cm qtz vein 20° to C.A. Very good moly in vein						
		204.8 - 206.75 m Strong sericitic Alteration						
		205.3 - 206.3 m 1 cm qtz vein down C.A. Barren.						
		207.3 m 8 mm qtz vein 30° to C.A. Trace moly.						
		209.1 m 1 - 2 cm qtz vein 0° to C.A. for 120 cm. Trace moly.						
		210.65 m 1 cm qtz vein 0° to C.A. for 70 cm. Good moly in vein.						
		213.0 - 213.5 m Good potassic alteration as a selvage to several qtz veins.						
		211.8m 2 mm qtz veins down C.A. for 40 cm. Good moly in veins.						
		214.1 m 6 cm biotite hornfels inclusions.						
		214.3 - 218.3 m Moderate sericitic alteration						
		215.1 m Two cross cutting qtz veins 1 - 2 mm in width. Both 40° - 45° to C.A. Both have good moly associated.						
		215.6 m 1.5 cm qtz vein 20° to C.A. Pyrite in vein selvage						
		220.5 m 1 cm qtz vein 15° to C.A. Good moly in vein						
		221.8 m 1 cm qtz vein 60° to C.A. Trace moly						
		225.5 m 3 - 5 cm qtz vein 20° to C.A. Barren						
		227.75 m 1 cm qtz vein 10° to C.A. Good moly in vein						
		228.9 m 5 - 10 mm qtz vein down C.A. for 85 cm. Vein is barren.						
		228.5 - 233.0 m Mainly sericitic Alteration.						
		229.95 m 9 mm qtz vein 30° to C.A. Barren.						
		230.0 - 230.5 m Several 1 - 3 mm qtz veins down C.A. Veins have moderate moly associated.						
		231.03 m 2 mm qtz vein 55° to C.A. Good moly in vein.						
		231.1 m 5 - 10 mm qtz vein 0° to C.A. for 50 cm. Good moly in vein selvage.						
		231.8 m 40 cm of very strong silicification.						
		From 228.0 m there appears to be more molybdenite in the qtz stockwork.	228.0 - 240.0 m 0.10 - 0.15% MoS_2 & 1 - 2% Pyrite					
		232.5 m Irregular 1 - 3 mm qtz vein 85° to C.A. Good moly is associated.						
		233.3 m 2 cm qtz vein 30° to C.A. Moderate moly as a selvage in vein.						
		234.0 m 1.2 cm qtz vein 30° to C.A. Very strong moly in vein.						
		235.1 m Very strong silicification for 40 cm.						
		235.9 - 237.0 m 1 cm qtz vein down core axis. Trace moly.						
		236.2 m 1 cm qtz vein 0° to C.A. for 35 cm. Vein has good moly associated and is cut by vein above.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
195.5 m	258.6 m	Cont'd						
		239.1 m 5 mm qtz vein 20° to C.A. Good moly in vein.						
		The lower contact of this unit at 258.6 m is broken, with 15 cm of contact Breccia between the QMP and the QED dike below.						
		Alteration in the QMP is quite variable however below 240m although potassic alteration is present, it is weak. Sericitic alteration appears to be the strongest however, chloritic alteration is noted throughout. The QMP still has very strong silicification. Most of the qtz veins are vuggy. The QMP has a sugary texture.						
		The QMP has a moderately well developed qtz stockwork, however moly content appears to be less than above. A few veins still have good moly content.						
		The QMP has minor fresh biotite phenocrysts scattered throughout. Many of the feldspar phenocrysts appear to be sericitic. Biotite phenocrysts are either sericitic or chloritic.						
		The QMP is fairly strongly fractured, with many of the fractures at a low angle < 20 to the C.A. Many have rough surfaces.						
		242.2 m 2 mm qtz vein 20° to C.A. Good moly in vein						
		242.9 m 5 cm qtz vein 45° to C.A. Trace moly and minor pyrite in vein.						
		243.7 m 2 - 3 cm qtz vein 20° to C.A. Barren	240.0 - 258.6 m 0.10% MoS_2 and 1 - 2% Pyrite					
		244.2 m 20 cm of broken QMP which has been cemented by silicification. Section has been cut by 3 cross cutting barren qtz veins.						
		248.3 m 5 - 6 mm qtz vein 30° to C.A. Trace pyrite and moly in vein.						
		249.8 m Fracture 20° to C.A. with a good moly coating						
		250.5 m Fracture 35° to C.A. with a good coating of moly						
		253.7 m 1.8 cm qtz vein 20° to C.A. Moderate moly in vein						
		254.8 m 4 cm by 1 cm fragment of pyrite in QMP. Pyrite is adjacent to a healed fracture.						
		255.2 m 1 cm qtz vein 30° to C.A. Trace pyrite & moly in vein.						
		256.1 m 3 mm qtz vein 30° to C.A. Good moly in vein						
		256.9 m 5 mm qtz vein 20° to C.A. Very strong moly in vein.						
		256.7 m Vein above cuts this 1 cm qtz vein at 15° to C.A. This vein is barren.						
		257.6 m 1 cm qtz vein 0° to C.A. for 25 cm. Vein is barren.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
258.6 m	279.38 m	QUARTZ-EYE DIORITE CHLORITE ALTERATION 7b						

The first 3.6 m to 262.2 m the dike has sericitic alteration rather than chloritic alteration. Contacts between the alteration types are gradational. The sericitic QED is a paler green than the chloritic QED.

The QED is composed of 30 - 50% < 1 to 4 mm white feldspar phenocrysts, 5 - 10% 2 - 5 mm rounded and angular qtz eyes, and 2 - 5% < 1 - 3mm biotite phenocrysts which have either chloritic or sericitic alteration. The matrix of the QED is coarse-grained and very siliceous. There is about 3 - 5% often cubic pyrite up to 3 mm in width disseminated in the QED. There is also 1 - 2 % < 0.5 mm disseminated pyrite in the dike.

Trace amounts of disseminate Cpy are noted throughout.

Sections of the QED are strongly broken with fractures at 0° - 20° to C.A. Most fractures have smooth surfaces.

From 260.6 - 262.3 m; 275.6 - 278 m Broken Core
259.2 m 3 mm qtz and carbonate vein at 20° to C.A. Vein has ≈ 50% Py.
266.9 m 3 mm Carbonate vein with sphalerite at 30° to C.A.

265.6 m A rounded 1 cm inclusion of sericitic QMP. No qtz stockwork or visible moly is associated.

From 270.0 - 273.0 m Minor sericitic alteration of biotite phenocrysts. Chlorite alteration is still dominant.

At 259.0m 5 cm inclusion of QMP with a 1 cm qtz vein with good moly.

275.15 - 275.60 m Inclusion of brecciated QMP. For the first 30 cm only one half of core is QMP, the other half is QED. Contact is at 0° to C.A. for this 30 cm. The lower 15 cm is 100% QMP and the contact at 275.6 m is at 90° to the C.A.

Breccia is composed of sericitic QMP and qtz fragments, often with good moly. The breccia also has ≈ 5% pyrite associated.

From 278.3 - 279.5m Broken core ≈ 20-30% ground core.

Lower contact at 279.38 m is sharp but irregular at 20° to the C.A.

% Mineralization:

The Dike has no visible moly; 5-6% Py & Tr CPy Sphalerite and Galena

The QMP inclusion has good MoS_2 associated

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
279.38 m	393.2 m	QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6a, 6b, weak 6aP	279.38 - 286.1 m 0.05-0.10% MoS_2 and 3-5% Pyrite					

The QMP is a pale to medium grayish green in colour. Colour varies throughout. The QMP appears to have chloritic alteration with weak to locally intense potassic alteration. Superimposed ? over the chlorite alteration, is moderate to strong sericitic alteration. The QMP also has very strong silicification throughout.

The QMP has a number of broken sections and minor fault gouge zones. These zones occur at:

281.3 - 281.9 m Broken core with a 1 cm fault gouge zone. At 281.3m gouge is at $5^{o}$to C.A. level.
285.25 - 285.9 m Broken Core
292.0 - 292.9 m Broken Core
294.0 - 296.6 m Broken Core
298.4 - 299.3 m Broken Core
299.75 - 302.0 m Mainly Broken Core
302.3 - 309.4 m Mainly Broken Core
310.1 - 311.1 m Broken Core
314.5 - 315.9 m Broken core with 30 cm of fault gouge at 315.0 m. Fault gouge is at a low angle to the C.A., $< 30^{o}$.
319.6 - 321.9 m Mainly Broken Core
324.0 - 324.9 m Mainly Broken Core

At 279.65 m there is an 8 cm inclusion of QED in the QMP. The inclusion is chloritic. Below the inclusion there is 15 cm of contact Breccia. A Breccia also occurs in the section 283.6 - 284.9 m. There are not any QED fragments in this breccia. The breccia has 5-7% pyrite as disseminations in the matrix.

From 279.38 m to 286.1 m the strongest alteration is sericitic. It occurs pervasively throughout, altering biotite and feldspar phenocrysts as well as the matrix. From 279.38 - 286.1 m the qtz veining is not vuggy. The qtz stockwork is only moderately well developed to 286.1 m and in many of the qtz veins only minor moly is associated. Also in the QMP to 286.1 m trace amounts of fresh biotite are also noted.

280.15 m 3 mm qtz vein 15^{o} to C.A. Moderate moly and pyrite in vein.
280.35 m 1.5 cm qtz vein 40^{o} to the C.A. Barren.
281.85 m 1 cm vein of white calcite filling a fracture. Fracture is barren.

In the QMP to 286.1 m,it is noted that many of the qtz veins containing moly also contain pyrite. This is different to the situation in the QMP below 286.1 m, where there is often little pyrite in the qtz veins.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
279.38 m	393.2 m	Cont'd: Below 286.1 m, the QMP has moderate to strong chlorite alteration, moderate to weak sericitic alteration is also present. A moderate amount of fresh biotite is also present. Weak to occasionally strong potassic alteration also occurs. Below 286.1 m many of the qtz veins are vuggy. The qtz stockwork has improved, and it appears that the moly content has also improved. Pyrite content in the qtz veins is less and there also appears to be less disseminated pyrite in the QMP. Very strong silicification is present throughout. 287.6 m 1-3 mm selvage of potassic Alteration adjacent to a fracture. 288.7 m 1 cm qtz vein 25° to the C.A. Trace moly in the vein. 289.0 m 2 mm qtz vein 5° to C.A. Good moly in vein. There are at least 3 and probably 4 mineralized qtz vein sets. It appears the youngest set has minor pyrite associated with the molybdenite. 288.3 m 1 cm qtz vein 0° to C.A. for 40 cm. Good moly occuring as a selvage is present in vein. Vein cuts a 3 mm qtz vein at 30° to C.A. with good moly and a 1 cm qtz vein at 45° to C.A. Vein has weak moly. 289.1 m 8 mm qtz vein 0° to C.A. for 80 cm. Moderate moly in vein as a selvage. 289.75 m 5 mm qtz vein 50° to C.A. Vein has good moly and is cut by vein above. 291.0 m 3 mm qtz vein at 60° to C.A. Good moly in vein. 291.05 m 5 mm qtz vein 0° to C.A. for 50 cm. Moderate moly and pyrite in vein. 295.35 m 20 cm of very strong silicification 80-90% SiO_2. 292.2 m 1 cm qtz vein 30° to C.A. Trace moly. 297.2 m Moderate potassic alteration adjacent to a fracture. 297.4 - 297.7 m Strong potassic alteration as flooding 299.3 m 5 mm qtz vein 5° to C.A. Strong moly in vein. 300.25 m Weak potassic alteration as flooding for 2 cm. Throughout this section a few fractures have disseminated moly on there surfaces. 302.3 m Good potassic alteration as flooding for 10 cm 302.9 m 1.5 cm qtz vein 20° to C.A. Barren 303.2 m 3 mm qtz vein 20° to C.A. Moderate moly in vein 304.1 m 5 mm qtz vein 5° to C.A. Trace moly and pyrite in vein 304.8 m Good potassic alteration adjacent to a fracture 306.4 m Irregular qtz vein 30° to C.A. Vein has moderate moly associated. 309.4 m 5 mm qtz vein 0° to C.A. for 60 cm. Good moly in vein 310.1m Cross cutting qtz vein and fracture. Fracture at 70° to C.A. with good moly as a coating. Fracture is cut by a 5 - 8 mm qtz vein at 30° to C.A. Vein has weak moly and pyrite.	286.1 - 312 m 0.10 - 0.12% MoS_2 and 2 3% Pyrite									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
279.38 m	393.2 m	Cont'd:						

311.1 m 20 cm by 1 cm stringer of pyrite on core surface.
312.5 - 312.8 m Intense potassic alteration as flooding.
312.8 m 1 cm qtz vein 70° to C.A. with good moly associated. Vein is partly obliterated by silicification.
314.5 m Fracture at 30° to C.A. with a 3-4 mm coating of clay and graphite.
316.0 m 4 cm qtz vein 30° to C.A. Good moly and pyrite in vein
316.4 m 1 cm qtz vein 10° to C.A. Good moly as a vein selvage.
316.9 m 8 mm qtz vein at 0° to C.A. for 60 cm. Good moly in vein.
317.6 m Irregular qtz vein with moly down C.A. for 10 cm.
318.0 m 5 mm qtz vein 20° to C.A. Good moly in vein.
318.35 m 3 mm qtz vein 85° to C.A. Good moly is associated.
318.5 m Two parallel qtz veins 2 mm wide and 20° to C.A. Moderate moly is associated.

From 310.0 m sericitic alteration appears to be stronger than chlorite alteration.

318 - 323 m Very strong silicification
319.2 m 1 cm qtz vein 20° to C.A. Good moly in vein
320.0 m 1-2 cm qtz vein 10° to C.A. Good disseminated moly in vein
320.6 m 2-3 cm qtz vein 0° to C.A. for 60 cm. Trace moly and pyrite in vein. Vein is cut by a later 1 cm qtz vein at 321.1 m. This vein is at 75° to C.A. and has moderate pyrite associated.

323.4 m Irregular 1-2mm qtz vein 20° to C.A. Good moly in vein. This vein cuts a 5 - 8 mm qtz vein at 25° to C.A. This vein also has good moly associated.

326.0 m Strong potassic alteration as flooding for 8 cm.

From 327 - 358 m Continuation of quartz monzonite porphyry with variable alteration. Chloritic alteration is predominant throughout, however moderate potassic alteration is often associated. Only one short section has strong sericitic alteration, however a few biotite phenocrysts have been altered to sericite throughout. In this section most of the feldspar phenocrysts are fresh looking and there are fresh secondary biotite throughout, except in the sericitic section.

The QMP has very strong silicifications, a moderate qtz stockwork, most of whose veins are very vuggy.

Many of the qtz veins have only minor amounts of moly associated. Moly is also present in a number of fractures. Due to the intensity of fracturing, it is very difficult to estimate the amount of moly on fractures. In most cases the complete fracture is never intact.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS					
279.38 m	393.2 m	Cont'd:											

Pyrite content appears to be less than above. Pyrite occurs as disseminations in the QMP, in a few of the qtz veins with or without moly, as coatings on fractures and occasionally as veinlets. Total moly content is about 1-2%.

Potassic alteration is moderate in many sections, however in places it is fairly weak. The majority of the potassic alteration occurs as selvages to fractures and qtz veining, and occasionally as flooding.

The QMP is very strongly broken in the section 327 - 358 m, however, there are not any fault gouge zones. Many of the fractures are at a low angle to the C.A. however, one set is usually > 70° to C.A. In some of the strongly broken zones recovery appears to be about 80-90%.

327.5 - 328.3 m Broken Core
332.6 - 336.9 m Broken Core
339.1 - 340.2 m Broken Core
341.5 - 341.7 m Broken Core
342.0 - 342.2 m Broken Core

The section 342.6 - 352.0 m is also strongly broken, however very little core appears to be lost.

327.4 m 1mm fracture 30° to C.A., with a good moly coating
328.0 m 6 cm qtz vein 70° to C.A. Trace moly in vein selvage
329.1 m Strong potassic alteration as flooding for 5 m
331.6 m Fracture 30° to C.A. Fracture has a good coating of moly. A fracture cross cutting this fracture has strong potassic alteration associated, however no moly.
332.6 m 1-2 cm qtz vein on core surface for 10 cm. Vein is barren.
332.9 m 1 cm qtz vein 20° to C.A. Moderate moly occurs in vein selvage.
333.4 m 7-8 mm qtz vein 0° to C.A. for 70 cm. Good moly in vein
334.2 m Fracture 30° to C.A. with good moly
334.6 m Irregular fracture with good moly
335.0 m Potassic alteration as flooding for 2 - 4 cm
336.8 m 5-10 mm qtz vein 0° to C.A. for 40 cm. Moderate moly is associated.
337.25 - 338.2 m Strong sericitic alteration. No potassic or chloritic alteration is present.
337.6 m 1 cm qtz vein 60° to C.A. with good moly cross cutting a 8-10 mm qtz vein 20° to the C.A.. Vein has a trace moly.
342.5 m Strong potassic alteration occurring as a 2-4 mm selvage to a fracture 30° to C.A.
345.6 - 346.1 m Very strong silicification
347.3 m 2 mm qtz vein 0° to C.A. for 20-30 cm. Good moly in vein
347.9 m Broken fracture with good moly
349.3 m 1-2 cm qtz vein on core surface for 30 cm. Vein is barren

% Mineralization:

324 - 348 m
0.10 - 0.12% MoS_2 & 1-2% Py

Sections appear to have better than 0.15% MoS_2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
279.38 m	393.20 m	Cont'd:						

350.6 m 3-4 cm qtz vein 20° to C.A. Vein has a 1 cm selvage of moly. Minor pyrite is also present in the vein with the moly.

352.5 m 2 mm qtz vein 20° to C.A. Good moly in vein.

353.5 m 5 mm qtz vein 0° to C.A. for 40 cm, good moly in vein. Vein cuts a 2-3mm qtz vein at 80° to C.A. This vein has good moly. Vein also cuts a 3 mm qtz vein at 20° to C.A. also with good moly.

354.35 m 1-5 cm qtz vein 80° to C.A. Vein has trace moly. Vein is cut by a 2-3 mm qtz vein 70° to C.A. Vein has good moly

355.0 m 2-2.5 cm qtz vein 70° to C.A. 20% Pyrite and trace moly in vein.

355.9 m 3 mm qtz vein 30° to C.A. Good moly in vein.

357 - 373.9 m The QMP has chloritic with weak to moderate potassic alteration. The QMP is very strongly silicified and most of the qtz veins are extremely vuggy.

The core in this section is very strongly broken with many of the fractures at a low angle (< 20°) to the C.A. Just about all the fractures are irregular and have rough surfaces.

The QMP has a moderate to good qtz stockwork with the majority of qtz veins being vuggy.

The feldspar phenocrysts are fresh looking, the biotite phenocrysts and matrix are chloritic. Potassic alteration occurs as pale cream coloured selvages to fractures and qtz veining and as flooding. Throughout there is 2 - 3% fresh biotite in QMP.

% Mineralization: From 348 - 366 m > 0.20% MoS_2 and 1 - 3% Pyrite

358.4 m 7 mm qtz vein 5° to C.A. 2-3 mm selvage of moly in vein
359.75 m 5 mm qtz vein 80° to C.A. Good moly in vein selvage
360.1 - 360.6 m Fracture with a thick coating of moly
360.5 - 361.8 m 1-1.5 cm qtz vein 0° to C.A. Strong moly in vein
362.2 - 362.8 m Irrigular 1-2 cm qtz vein down C.A. with good disseminated moly.
364.4 m 1 cm qtz vein 0° to C.A. for 30 cm. Good moly in vein
365.1 m 2 mm qtz vein 80° to C.A. Good moly in vein
365.3 - 365.8 m 5 mm qtz vein 0° to C.A. Good moly in vein
365.9 m 2 mm qtz vein 30° to C.A. Good moly in vein
366.5 m 5 mm qtz vein 45° to C.A. Good moly in vein
367.6 m Good potassic alteration as a 1-3 mm selvage to a fracture at 10° to C.A.
367.7 m Very strong biotization for 5 cm
368.5 m 1 cm qtz vein 15° to C.A. Barren.
368.8 m 1 mm fracture cutting qtz vein at 368.5 m. Fracture has good coating of moly.
369.3 m Good potassic alteration as a selvage to 2 mm qtz vein at 50° to C.A.
369.5 - 375.0 m Very strongly broken core with fractures at a low angle to the C.A.
371.6 - 372.3 m Very strong silicification ≈50% SiO_2 and 5-10%

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
279.38 m	393.2 m	Cont'd:						

Pyrite. from 371.6 - 372.3 m the QMP has stronger sericitic than chloritic or potassic alteration.

From 371.6 - 377.4 m the QMP as well as the majority of the qtz veins are extremely vuggy. Vugs all occur upto 5 mm x 1 cm x 1 cm deep. Most are < 2 mm in width.

From 373.9 to 393.2 m the majority of the QMP has sericitic alteration and is extremely siliceous. Short sections still have chloritic alteration, the longest occur at 375.5 - 375.9 m, 376.7 - 377.65 m. In places this section has such strong silicification it is actually unit 6c.

This section of QMP has an increase in pyrite to 3-5% and from 379.2 m there is $\approx$ 5-10% serecitic and biotite hornfels. Hornfels occur as inclusions and are strongly silicified.

At 379.2 m 40 cm of gouge at 20° to C.A. Fragments in gouge are serecitic hornfels.

Mineralization: 366 - 382 m then appears to be < 0.10% MoS_2 & 3-5% Pyrite

Much of the qtz stockwork from 374 - 382 m have very weak moly mineralization associated.

374.4 - 374.85 m $\approx$ 60% SiO_2 minor pyrite and trace moly.
378.2 m 1 cm qtz vein 10° to C.A. Vein is barren and cuts a 3 mm qtz vein at 40° to C.A. This vein has moderate moly in one selvage.
378.65 m 2 mm qtz vein 15° to C.A. With good moly and pyrite. Vein is cut by a 7mm qtz vein at 50° to C.A. This vein is barren.
379.6 - 380.2 m Very strong silicification associated with sericitic hornfels.
381.3 m 1.5 cm qtz vein 70° to C.A. Moderate moly in one of the vein selvages. Vein is cut by a barren 1 cm qtz vein at 45° to C.A.
381.4 m 1 cm qtz vein 10° to C.A. Minor pyrite in vein. Vein is cut by a 1 cm qtz vein at 45° to C.A. This vein has trace pyrite.
381.75 m 7-9 mm qtz vein 0° to C.A. Vein is barren and cuts several 3-5 mm qtz veins usually > 45° to C.A. Several of which have minor moly and pyrite.
383.1 m 4 cm qtz vein 40° to C.A. Vein is barren. Vein cuts an irregular 5 mm qtz vein at 0° - 20° to C.A. with moly.
384.0 - 384.6 m Fault gouge at 10° - 20° to C.A. $\approx$ 40% of this section is ground core.
384.8 m Irregular 5-20 mm qtz vein with moderate moly. Vein is at a low angle to C.A.
385.0 - 385.9 m Irregular 2-3 cm qtz vein down C.A. Minor pyrite in vein.
385.0 - 385.4 m Very strong silicification $\approx$ 70% SiO_2.
386.55 m 5 mm qtz vein 20° to C.A. Good moly and pyrite in vein.

Mineralization: 382 - 393.2m $\approx$ 0.10% MoS_2 and 2-4% Py. Short sections of QMP have better than 0.15% MoS_2

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
279.38 m	393.2 m	Cont'd: 387.6 - 390 m Very strong silicification. ≈ 60-80% SiO_2. Silica replaces much of the QMP and partly masks the qtz stockwork. Minor pyrite and weak moly accompany the silicification. Ribbons or layers of qtz ≈ 1 mm wide and transparent and alternating with < 1 mm layers of a creamy white mineral (maybe feldspar ?) occuring in vein like structures are noted throughout this section. The layers are weakly crenulated. This feature is also noted at 390.6 - 391.0 m. There is also 1-3% hydrothermal ? reddish brown biotite in this strongly silicified section. 391.8 m 5 mm qtz vein 40° to C.A. Moly occurs as a vein selvage. In the last 30 cm of the QMP, there is a strong qtz stockwork with four episodes of qtz veining, three of which have some moly. The oldest is a 5 mm qtz vein at 40° to C.A. with good moly and moderate pyrite. Next is a 1.3 cm qtz vein at 80° to C.A. with trace moly and weak pyrite. Next is a 3 mm qtz vein 0° to C.A. for 20 cm. Vein has good moly and moderate pyrite. Next is a 5 mm qtz vein at 40° to C.A. Vein has trace pyrite. A younger vein associated with the QED below extends up into the QMP. Vein is 1-2 mm in width and composed of qtz and feldspar and at 15° to the C.A. This vein has a 1 cm sericitic selvage in QED. Vein has pyrite and galena. The contact between the QMP and QED at 393.2 m is sharp at 70° to C.A.						
393.2 m	413.45 m	QUARTZ-EYE DIORITE: SERICITIC ALT GRADING INTO CHLORITIC ALTERATION 7a, 7b The QED is a pale cream gray in colour. For the first 110 cm the QED has a pale reddish tinge. This could be due to disseminated hematite in the rock ? The QED has 5 - 10% 2-6 m prominent qtz eyes, 2-3% 1-3 mm sericitic biotite phenocrysts, 30-40% < 2 mm sericitic feldspar phenocrysts, pale green in colour, 3-5% 3-6 mm feldspar phenocrysts (These larger phenocrysts are white in colour and not sericitic), and 5-7% disseminated pyrite in 2-6 mm clusters. The matrix is fine-grained and sericitic. From 400.7 m the biotite phenocrysts are becoming chloritic and usually 3 - 5 mm in size. The QED is moderately well fractured with a number of fractures at < 30° to the C.A. 398.0 - 398.7 m Broken Core 405.4 - 406.4 m Broken Core						

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
393.2 m	413.45 m	Cont'd: This QED dike has a number of fractures and 1-3 mm qtz and carbonate ± pink feldspar veinlets with ± pyrite, galena, chalcopyrite, sphalerite and scheelite. The more prominent veins and fractures are listed below. 394.2 m Fracture with a 5 mm bleached selvage at 10° to C.A. with pyrite and galena. 397.4 m Fracture 20° to C.A. with a 3-4 mm sericitic selvage. Fracture has pyrite and galena. 398.1 m 3 mm qtz and pink calcite vein on core surface for 10 cm. Minor CPy and galena in vein. 398.7 m 2 mm qtz and carbonate vein 20° to C.A. Vein has good CPy, sphalerite and galena. 399.0 m Fracture 30° to C.A. with Pyrite and trace galena. 399.5 m 1 mm calcite vein with abundant galena, minor CPy and pale brown scheelite. Vein also has abundant cubic pyrite. 400.5 m Two crosscutting veins: a 2 mm pyrite vein with trace galena at 0° to C.A. for 50 cm is cut by a 1-2 mm vein with abundant galena, and minor CPy and minor qtz. Vein is at 10° to C.A. 405.2 m 2 mm carbonate vein with pyrite, galena and minor scheelite. 411.6 - 413.45 Broken Core. The last 6 m has no qtz veining, however sulphide mineralization does occur as a coating on several fractures. Lower contact at 413.45 m is sharp but irregular. Contact about 15° to C.A.	392.2 - 413.45 m No visible moly in the Dike. 5-6% Py and trace amounts of CPy, Galena, Sphalerite and Scheelite					
413.45 m	423.3 m	QUARTZ MONZONITE PORPHYRY VARIABLE ALTERATION 6a, MINOR 6b, 6aP The QMP in this section is strongly broken to 421 m below which it is fairly massive. No fault gouge is associated. Most of the fractures in this section are < 20° to C.A., many of which have rough surfaces. The strongest alteration in this section is chloritic, however there are short sections of sericitic QMP. Scattered throughout is weak potassic alteration occurring as flooding and selvages to a few fractures and qtz veins. The qtz stockwork is moderately developed and is vuggy, however not as intensely as above. Because most of the core is very strongly broken it is impossible to tell the number of qtz veining episodes. A few of the qtz veins are well mineralized however a number have only weak moly. Several fractures have good coatings of moly. The first 2 cm of the QMP is a breccia with several stringers of moly in the matrix. 414.5 m 8 mm qtz vein 20° to C.A. Trace pyrite in vein. 413.7 - 413.8 m Strong silicification						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
413.45 m	423.3 m	Cont'd:						
		417.6 - 418.4 m Inclusion of sericitic QED contacts are in broken core. A few of the biotite phenocrysts are chloritic. Dike inclusion is same as the dike at 393.2 - 413.45 m.						
		415.1 m 2 mm qtz vein 20° to C.A. with good moly, cuts a 1 cm qtz vein at 30° to C.A. This vein has trace moly and pyrite.						
		415.3 m 1 cm qtz vein 30° to C.A. Very strong moly and moderate pyrite in vein.						
		418.5 m 10 cm of strong silicification						
		419.4 m 1 cm qtz vein 60° to C.A. Barren.						
		419.7 m 2.3 cm qtz vein 30° to C.A. Very strong moly in vein.						
		421.0 m 1-2 cm qtz vein 0° to C.A. for > 60 cm.						
		Vein isn't traced continuously because of the broken core. Vein has strong pyrite and is vuggy.	413.45 - 423.3 m 0.10% MoS_2 and 2-4% Pyrite					
		422.2 m 20 cm inclusion of biotite hornfels						
		421.8 m 2-4 cm qtz vein 20° to C.A. Moderate moly and pyrite in vein						
		423.1 - 423.4 m Breccia, composed of fragments of QED, QMP and qtz. Many of the qtz fragments have good moly associated. The breccia is at 5° to the C.A.						
423.3 m	434.5 m	QUARTZ-EYE DIORITE VARIABLE ALTERATION 7b, 7a						
		This unit of QED is quite similar to the one at 393.2 - 413.45 m. The QED has abundant chloritic biotite phenocrysts, however a few are sericitic. A number of feldspar phenocrysts are also sericitic.	423.3 - 434.5 m No visible moly in dike. 5-6% Py and trace Galena, CPy and Scheelite					
		The QED is not magnetic. This unit has a number of fractures at a low angle to the C.A. 0° - 20°. Fractures are regular in outline, however, surfaces are irregular to smooth. Several of the fractures have a pyrite coating with or without one or more of galena, chalcopyrite and scheelite. No sphalerite was noted, however it is probably present. A few of the fractures have a sericitic selvage.						
		424.5 m 10 cm inclusion of QMP with several qtz veins with moly. Contacts are very irregular.						
		424.55 m 1 mm pyrite vein at 0° to C.A. for 30 cm, galena is associated.						
		424.9 m Fracture at 30° to C.A. with pyrite, galena and scheelite.						
		425.1 m 2 mm pyrite vein at 5° to C.A. Vein has abundant galena. Vein has a 1 cm sericitic selvage.						
		Lower contact at 434.5 m is sharp at 45° to C.A.						
		433.8 m 1 mm coating of galena on a fracture at 30° to C.A. Fracture has trace chalcopyrite and a few 1 mm crystals of scheelite.						
		Noted in this unit of dike are a few < 1 mm carbonate veinlets. Veinlets are barren.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
434.5 m	587.4 m	QUARTZ MONZONITE PORPHYRY POTASSIC ALTERATION 6aP						

436.1 - 438.9 m ≈ 60% biotite hornfels as 50-100 cm inclusions in the QMP.

434.8 - 435.0 m ≈ 40% of core is sericitic hornfels as several inclusions in the QMP.

For the first 1.5 meters there is moderate sericitic alteration in the QMP as well as chloritic alteration. For the first 70 cm there is 5-7% pyrite as stringers in the QMP.

The QMP has a moderate qtz stockwork, most veins are $\leq$ 5 mm in width. Many of the veins have some moly, however only a few are well mineralized.

535.3 m 1 cm qtz vein 50^{o} to C.A. Good moly as a vein selvage. Vein is cut by a 3 mm qtz vein 20^{o} to C.A. This vein has moderate disseminated moly.

437.8 m Good potassic alteration as a 5 mm selvage to a fracture.

438.6 m Cross cutting vuggy qtz veins 5 mm qtz vein 70^{o} to C.A. with good moly is cut by a 2 mm qtz vein at 40^{o} to C.A. This vein also has good moly.

438.6 - 439.9 m Strong potassic alteration as flooding and as a selvage to several fractures.

441.1 - 441.2 m Strong potassic alteration as flooding.
441.3 m 7 cm biotite hornfels inclusion.

From 440.5 m Gypsum veins are noted. Veins are < 1 to 2 mm and increase to 5 mm with depth. There are 2 to 10 veins per meter. Most veins are at a low angle to C.A. A few are up to 70^{o} to C.A. All are late and barren.

From 441 m there is a weaker qtz stockwork and most of the qtz veins are < 5 mm in width.

In this section abundant fresh secondary ? biotite is present.

443.6 m 2 mm qtz vein 5^{o} to C.A. Good moly in vein
444.75 m 3 mm qtz vein 30^{o} to C.A. Good moly in vein
445.8 m 3 mm qtz veins 30^{o} to C.A. Good moly is associated.
446.0 m 2-3 mm qtz vein 20^{o} to C.A. Moderate moly is associated. Vein cuts a 1 cm qtz vein at 70^{o} to C.A. with good moly. A later 1 mm qtz vein at 30^{o} to C.A. with good moly cuts both veins.
447.0 m Fracture at 30^{o} to C.A. with a good coating of moly.
447.8 m 5 mm gypsum vein 20^{o} to C.A. Barren

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
434.5 m	587.4 m	Cont'd:						
		448.8 m Fracture with a thick coating of moly at 20° to C.A. 448.1 - 448.9 m Strong biotization 449.3 - 450.6 m Biotite hornfels	434.5 - 455 m ≈ 0.10% MoS_2 and 1-2% Pyrite					
		448.85 m 3 mm gypsum vein at 20° to C.A. 450.1 m 4 cm qtz vein at 20° to C.A. with trace moly in biotite hornfels.						
		451.0 - 451.55 m Strong biotization, with sharp contacts. Unit looks like a dike, however no qtz veining can be seen to be truncated at the contact. Both QMP and biotized QMP have qtz stockwork.						
		453.3 - 454.35 m Strong biotization of QMP. 452.4 m 1 mm pyrite vein with galena at 20° to C.A. 453.0 m 2 cm qtz vein 50° to C.A. Barren 454.5 - 455 m Several subparallel 1-3 mm qtz veins 10° - 20° to C.A. all with good moly.						
		From 455 on to 485 m Continuation of Potassic QMP.						
		From 461.7 - 477.0 m there are a number of biotite hornfels inclusions in the QMP ≈ 65% of the core is hornfels.						
		461.7 - 464.9 m Biotite hornfels 466.7 - 467.0 m Biotite hornfels 468.4 - 469.3 m Biotite hornfels. The first 10 cm is sericitic hornfels. 469.7 - 470.0 m Biotite hornfels 470.7 - 471.6 m Biotite hornfels 472.15 - 474.5 m Biotite hornfels 475.25 - 477.0 m Biotite hornfels						
		The QMP has moderate to strong potassic alterations throughout. Potassic alteration occurs mainly as flooding, however there are several good examples of potassic alteration as selvages to qtz veining and fractures. 1-3% fresh secondary biotite occur throughout. 1-2 mm gypsum veins are noted throughout.						
		The QMP and hornfels are fairly massive with only a few fractures down to 478.4 m.						
		478.4 - 480.3 m strongly broken QMP. 481.7 m 10 cm gouge at 30° to C.A. This is followed by 50 cm of broken core.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
434.5 m	587.4 m	Cont'd:										
		The QMP has at least 4 episodes of qtz veining with moly. Most of the qtz vein in the QMP are $<$ 5 mm in width. There are also a few qtz veins which are late containing CPy, galena, sphalerite and pyrite.										
		455.6 m 7 mm qtz vein 30° to C.A. Moderate moly in vein										
		456.3 - 457.5 m Strong potassic alteration as flooding										
		456.6 m 1 cm qtz vein 20° to C.A. with moderate moly. Vein is cut by a 5 mm qtz vein at 70° to C.A. This vein has minor pyrite.										
		457.25 m 5 mm qtz vein 30° to C.A. With good moly. Vein is cut by a 3 mm qtz vein at 70° to C.A. This vein has good moly. Both veins cut a 2 mm qtz vein at 60° to C.A. This vein has good moly associated. All three veins are cut by a late gypsum vein.										
		457.6 m 3 mm qtz vein 20° to C.A., good moly in vein. Vein is cut by a later 5 mm qtz and carbonate vein at 5° to C.A. 20% Pyrite in vein.										
		457.95 m 1 cm qtz vein 30° to C.A. with moderate moly. Vein is cut by a 5 mm qtz vein at 70° to C.A. This vein has good moly.										
		458.4 - 459.0 m 1 mm qtz vein 0° to C.A., vein has good moly.										
		460.2 m Several subparallel qtz stringers at 80° to C.A., with good moly.										
		460.4 m 5 mm qtz vein at 25° to C.A. with good moly. Vein cuts a 2 cm qtz vein at 60° to C.A. This vein has trace moly and pyrite.										
		460.6 m 5 mm qtz vein 50° to C.A. Moderate moly in vein.										
		The Biotite hornfels inclusions are well foliated at 40° - 70° to C.A. Inclusions are fairly large up to 2 meters in length. The hornfels tend to have weaker moly associated and generally veins are larger.										
		462.1 - 462.55 m 1 cm qtz vein down C.A. with CPy and sphalerite and pyrite. Vein is late and cuts several qtz veins with moderate to good moly.										
		463.75 m 2.3 cm qtz vein 45° to C.A. Trace moly in vein										
		464.6 m Two subparallel qtz veins with moly cut by a 5mm qtz vein at 5° to C.A. with pyrite and trace sphalerite.										
		464.9 - 468 m Strong potassic alteration as flooding.										
		465.65 m Two cross cutting 6 mm qtz veins: one at 70° to C.A. with weak moly, cut by one at 50° to C.A., with trace moly.										
		466.95 m 1 cm qtz vein 20° to C.A. Good moly in vein selvages.	455 - 471 m									
		467.5 m 3 mm qtz vein at 10° to C.A. with Pyrite and trace moly.	0.15% MoS_2 & 1-2% Py									
		467.8 m 3 mm qtz vein with pyrite at 20° to C.A. A 2 mm gypsum is parallel to the contact of the qtz vein.	471 - 480.5 m									
		468.75 m 1.5 cm qtz vein 60° to C.A. Disseminated. Moly in vein.	0.08-0.10% MoS_2 &									
		469.05 m 3 mm qtz vein 20° to C.A. Strong moly in vein	2-4% Py									
		470.05 m 1.5-2.0 cm qtz vein 20° to C.A. Strong moly in vein selvages. Vein cuts a 1 cm qtz vein at 80° to C.A. which is barren.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
434.5 m	587.4 m	Cont'd:										

471.9 m Strong potassic alteration as selvages to several 5 mm qtz veins in the QMP. Veins are barren.
471.35 m 1.5 cm qtz vein 70° to C.A. Moderate moly in vein
471.75 m 1.5 cm qtz vein 75° to C.A. Barren
472.0 m 5 mm qtz vein 10° to C.A. with pyrite and trace galena and sphalerite. Vein is late. A gypsum vein is parallel to this vein but doesn't cross the vein.
477.1 - 477.8 m 30% biotite hornfels in vuggy qtz.
474.5 m 2 mm qtz vein 10° to C.A. Good moly in vein
475.15 m 3 mm qtz vein 30° to C.A. Good moly in vein
476.65 m Trace anhydrite
476.85 m Moderate Anhydrate associated with several qtz veins.
476.9 m 2 cm qtz vein 0° to C.A. for 100 cm. Vein is barren
478.1 m 2 cm qtz and pink K-spar veins at 0° to C.A. for 50 cm. 40-60% of vein is pyrite.
478.3 m 5 mm qtz vein in broken core. Vein has good moly associated.
481.7 m 10 cm gouge at 30° to C.A.
481.2 m 1 cm qtz vein 20° to C.A. Moderate Pyrite in vein
481.25 m 1.3 cm qtz vein 30° to C.A. Pyrite in vein

% Mineralization: 480.5 - 485 m 0.10-0.12% MoS_2 & 2-3% Py

From 480.9 m to 487.0 m sericitic alteration
From 487.0 on to 497.7 m variable alteration 6b, 6a and trace 6aP

482.2 m 2 mm qtz vein 30° to C.A. Moderate moly and trace pyrite in vein.
483.8 m 3 cm qtz vein 40° to C.A. Weak moly in vein
484.03 m 8 mm qtz vein 30° to C.A. Moderate moly in vein
484.3 m Cross cutting 5-7 mm qtz veins. Both at 30° to C.A. Both have weak moly.

From 487.0 - 497.7 m there is an increase in chlorite alteration at the expense of sericitic alteration.There is only trace potassic alteration
From 481 - 497.7 m there are no gypsum veins in the QMP.

The QMP has a moderately well developed qtz stockwork. There are at least 4 ages of qtz veining with moly ± pyrite. There are also a few late qtz ± feldspar ± carbonate with pyrite ± galena ± chalcopyrite veins.

484.9 m 4 mm qtz vein 30° to C.A. Good moly in vein
485.0 m 4 mm qtz vein 30° to C.A. Good moly in vein
486.05 m 1 cm qtz vein 70° to C.A. Moderate moly in vein. Vein cuts a 3-5 mm qtz vein at 0° to C.A. for 50 cm. This vein is barren.

486.4 m 5-10mm qtz vein 20° to C.A. Moderate moly in vein
486.8 m 1 cm qtz vein 0° to C.A. for 60 cm. Vein is barren
488.2 m 6 mm qtz vein 80° to C.A. Weak moly in vein selvage
488.4 m Cross cutting qtz vein 8 mm at 30° to C.A. with trace pyrite and a 1.3 cm qtz vein 75° to C.A. with moderate moly.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
434.5 m	587.4 m	Cont'd:						
		488.5 - 489.5 m 3 mm qtz vein 0° to C.A. Trace moly						
		490.8 m 1 cm qtz vein 80° to C.A. Strong moly and pyrite in vein						
		491.5 m Carbonate fracture at 5° to C.A. With pyrite						
		492.3 m 5 mm qtz vein at 20° to C.A. with pyrite and trace galena. Vein is late.						
		492.5 m 8 mm qtz vein 85° to C.A. Good moly in vein						
		492.7 m 1 cm qtz vein 75° to C.A. Good moly in vein						
		493.0 m 1 cm qtz vein 80° to C.A. Trace moly and pyrite						
		From 493.7 - 497.7 m ≈ 20% hornfels inclusions in the QMP. Inclusions vary from < 1 cm to 40 cm in size.						
		493.9 -494.1 m Strong secondary biotite in QMP	485 - 497.7 m					
		497.7 - 507.1 m Biotite hornfels with 10% QMP inclusions	0.10-0.15% MoS_2 &					
		494.7 m 1 cm qtz vein 30° to C.A. Moderate moly in vein	1-3% Py					
		495.05 m 7 mm qtz vein 45° to C.A. Good moly in vein selvage						
		495.15 m 8 mm qtz vein 85° to C.A. Moderate moly in vein selvages						
		497.05 m 8 mm qtz vein 60° to C.A. Good moly in vein selvage						
		498.2 m Vuggy 2 cm qtz vein with minor moly at 30° to C.A.						
		498.35 m 15 cms of qtz with biotite hornfels inclusions. Trace moly and pyrite in qtz.						
		499.6 - 500.5 m Broken core with a 2-5 cm wide fault gouge zone at 0° to C.A.						
		501.4 - 503.7 m Mainly broken core with fractures down C.A.	497.7 - 507.1 m					
		501.6 m 15 cms of qtz in hornfels.	< 0.10% MoS_2 and					
		502.3 m 4 mm qtz vein 50° to C.A. Good moly in vein	3-4% Py					
		502.8 m 2 cm qtz vein 10° to C.A. Barren						
		504.8 - 507.1 m Mainly sericitic hornfels						
		505.5 m 5 mm late qtz and K-spar vein at 30° to C.A. Vein has pyrite trace galena and chalcopyrite						
		505.6 m 5 cm gouge at 70° to C.A. This gouge is parallel to the foliation of the hornfels						
		505.9 m 5 mm qtz vein 30° to C.A. Moderate moly in vein						
		506.1 m 7 cm qtz vein 75° to C.A. Barren						
		507.1 to 521.1 m Quartz Monzonite Porphyry with variable alteration, however, potassic alteration is strongest						
		The QMP has strong silicification throughout and a good qtz stockwork.						
		There is approximately 5% hornfels inclusions in the QMP.						
		508.5 - 509.2 m Intense potassic alteration as flooding.						
		Starting at 508.1 m Gypsum veins start to reoccur, however they are rare.						
		507.35 m 3 mm qtz vein 30° to C.A. Good moly in vein						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
434.5 m	587.4 m	Cont'd:	507.1 - 526.1 m 0.10-0.15% MoS_2 - 1-2% Py with sections better than 0.15%					

Cont'd:

508.1 m 3 mm qtz vein 5° to C.A. Moderate moly in vein. A 1 mm gypsum vein is parallel to the qtz vein.
509.2 m 7-9 mm qtz vein 5° to C.A. Moderate moly in vein selvage
509.5 m 3 mm qtz vein with K-spar 0° to C.A. for 10 cm. ≈ 20-30% of vein is pyrite filled
510.0 - 510.25 m Sericitic hornfels inclusions well foliated
511.15 m 1.5 cm qtz vein 40° to C.A. Barren
510.5 - 511.0 m Several 1-3 mm qtz veins 0-10° to C.A. Trace moly in veins.
510.8 m 4 mm qtz vein 70° to C.A. Trace moly
512.35 m 3 mm qtz vein 90° to C.A. Good moly in vein
512.5 m 2 parallel qtz veins 2 mm and 3 mm at 40° to C.A. Both have good moly
512.3 - 515.5 m 3 mm qtz vein 0° to C.A. Vein has moderate moly and cuts veins at 512.35 and 512.5
512.8 - 512.9 m Good Potassic Alteration
513.0 - 513.7 m Strong qtz stock work with good moly
513.15 - 513.6 m 2 mm late qtz and pink K-spar vein with pyrite
513.9 m 2 mm gypsum vein at 30° to C.A.
514.3 m 3 mm qtz vein 0° to C.A. for 70 cm. Good moly in vein

From 510.25 - 526.1 m there are no hornfels inclusions in the QMP. The QMP has strong potassic alteration as flooding throughout. There is a moderate qtz stock work in the QMP and many of the qtz veins are well mineralized. Virtually no pyrite occurs in the qtz veins with the molly. Trace amounts of anhydrite are noted from 516.9 m and is increasing in abundance with depth. Gypsum veins often $<$ 1 mm in width are noted throughout. A few late veins often with pyrite are noted. This section of QMP is quite massive with $<$ 1 fracture per meter.

516.9 m Trace Anhydrite in a qtz vein
517.05 m 5 mm qtz vein 5° to C.A. Strong moly in vein
517.2 m Vein at 517.05 m cuts a 1 mm fracture with good moly at 40° to C.A.
518.4 m 1-2.5 cm qtz vein 10° to C.A. Vein has both medium-grained moly and fine-grained disseminated moly
519 - 519.85 m 1 cm qtz vein 0° to C.A. Moderate moly in vein
519.6 m Vein is cut by a 5 mm qtz vein at 40° to C.A. Vein has good moly.
520.3 m 1 cm qtz vein down C.A. for 190 cm, Strong moly in vein
521.15 m Trace anhydrite in a 1 cm qtz vein at 45° to C.A. Weak moly in vein.
521.9 m Fracture at 20° to C.A. with a good coating of moly
522.35 m 1 cm qtz vein 85° to C.A. Good moly in vein
522.4 m 1.5 cm qtz vein 35° to C.A. Barren
522.7 m Fracture at 50° to C.A. with a thick moly coating
522.7 - 523.0 m 5-10 mm qtz vein at 5° to C.A. Vein is late and has pyrite only.
524.05 m 5 mm qtz vein 50° to C.A. Good moly in vein

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
434.5 m	587.4 m	Cont'd:						
		524.5 m 1 cm qtz vein down C.A. for 40 cm. Vein is late and has minor pyrite and moly.						
		526.1 - 527.95 m Biotite hornfels. Foliation well developed at 45° to 50° to C.A. The hornfels has a moderate qtz stock work however, only minor moly is associated. Trace anhydrite is associated with a few of the qtz veins. Trace epidote is noted in the hornfels.	526.1 - 527.95m < 0.10% MoS_2 & 2-4% Pyrite					
		526.5 m 2 cm qtz vein 30° to C.A. Good moly in vein selvages.						
		527.95 - 529.0 m Strong biotization of QMP. Both feldspar and biotite phenocrysts look fresh. Contacts are sharp, however no qtz veining is terminated at contacts.						
		529.0 - 540.0 m QMP with strong potassic alteration. The QMP has 2-3% hornfels inclusions. Trace to 0.10% anhydrite occurs in the QMP associated with qtz veining. Gypsum veins are present throughout but not abundant.						
		The qtz stock work is moderately developed, however there doesn't appear to be as many well mineralized qtz veins as in the section 507.1 - 526.1 m.						
		530.95 m 1.2 cm qtz vein 30° to C.A. Trace moly						
		531.55 m 4 mm qtz vein 90° to C.A. Strong moly in vein						
		531.70 m 5 mm qtz vein 60° to C.A. Good moly in vein						
		532.2 m 2 mm qtz vein 45° to C.A. Good moly in vein						
		533.45 m 1 cm qtz vein 25° to C.A. Barren						
		534.8 m 4 cm sericitic hornfels inclusion						
		535.3 m 6 cm sericitic hornfels inclusion						
		536.0 m 1 cm qtz vein 30° to C.A. Good moly in vein selvages						
		536.3 - 537.2 m Strong biotization of QMP. The QMP is a dark green with fresh feldspar biotite phenocrysts. Contacts are sharp. No qtz veining is terminated at the contacts.						
		538.25 m 1.2 cm qtz vein 85° to C.A. Good moly selvage in vein						
		539.35 m 1 cm qtz vein 25° to C.A. Strong moly in vein						
		539.55 m 15 cm of sericitic hornfels						
		From 540 - 578 m QMP with moderate to locally strong potassic alteration. Moderate chloritic alteration is associated with the potassic alteration. From 570.7 - 575.4 m moderate sericitic alteration (over-printing ?) the potassic alteration.						

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FOOTAGE From	FOOTAGE To	DESCRIPTION
434.5 m	587.4 m	Cont'd:

The QMP has a moderate to good qtz stock work and most of the qtz veins have moly associated with them. There are at least 6 episodes of qtz veining with moly. These veins vary from 0° - 90° to the C.A. There is also a late set of qtz veins with 30-50% pyrite. In the moly mineralized qtz veins there is only trace pyrite at best.

A late set of gypsum veins cut all the above mentioned veins. Anhydrite is noted in a number of locations associated with qtz veining.

The QMP is quite massive with very few fractures, usually ≤ 1 per meter to 570 m.

Short sections of intense biotization are noted throughout. Most are < 50 cm in width. Contacts are sharp

541.5 m 2 mm qtz vein 0° to C.A. for 30 cm. Good moly in vein

541.9 m 5 mm qtz vein at 20° to C.A. Vein is late and has 30-40% pyrite in vein. A 1-2 mm gypsum vein cuts this late pyrite vein

544.5 m 2 mm qtz vein 0° to C.A. for 80 cm. Good moly in vein

545.1 m 1.3 cm qtz vein 15° to C.A. Moderate moly in vein

545.4 m Trace anhydrite in a qtz vein

545.7 m 7 mm qtz vein 15° to C.A. 40% Pyrite in vein

545.9 m 2 mm qtz vein 70° to C.A. Strong moly in vein

546.0 m 5 mm qtz vein 90° to C.A. Very strong moly in vein

547.75 m Abundant anhydrite associated with a qtz vein

547.8 m 1 cm qtz vein 5° to C.A. Barren

548.1 m 2 mm gypsum vein at 20° to C.A.

548.3 m 60 cm of strong biotization

549.55 m 6-7 mm qtz vein 20° to C.A. 20% Pyrite in vein

549.95 m 1 cm qtz vein 60° to C.A. Good moly in vein

550.1 - 550.4 m 5 mm qtz vein down C.A. Good moly in vein

550.5 m 1.5 cm qtz vein 70° to C.A. Minor pyrite in vein

553.0 m 5 mm qtz vein 10° to C.A. Strong moly in vein

553.5 m 1.5 cm qtz vein 70° to C.A. Barren

554.6 m 1 cm x 3 cm bleb of anhydrite associated with qtz veining

555.0 - 555.3 m Intense qtz stock work with at least 6 episodes of qtz veining with moly. No pyrite is associated with the moly veins. Strong potassic alteration is associated. Veins are < 5 mm in width and 0° - 80° to C.A.

555.25 m Rounded 3 cm bleb of anhydrite

556.25 m 4 cm bleb of anhydrite in a qtz vein

557.0 m 7 mm qtz vein 90° to C.A. Strong moly in vein

556.3 - 557.2 m Strong potassic alteration

558.0 m 3 mm qtz vein 80° to C.A. Strong moly in vein

558.6 m Strong potassic alteration as flooding for 10-15 cm

558.5 - 559.0 m 4 mm qtz vein down C.A. Strong moly in vein

558.6 - 559.3 m 2 mm qtz vein down CA. Vein has strong moly and is subparallel to vein above. Both veins cut a 5 mm qtz vein with minor moly and at 70° - 80° to C.A. All 3 veins are cut by a 2 mm gypsum vein at 30° to C.A.

% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
434.5 m	587.4 m	Cont'd:						
		560.3 m 2.5 cm qtz vein 85° to C.A. Moderate moly in vein selvage.						
		560.5 m 1.7 cm qtz vein 60° to C.A. Weak moly in vein						
		561.2 m 1-1.5 cm qtz vein 30° to C.A. Strong fine-grained moly in vein.						
		561.3 m 60 cm of strong potassic alteration as flooding						
		561.75 m 1 cm qtz vein 40° to C.A. Strong moly in vein						
		562.2 - 562.6 m 3 mm qtz vein down C.A. Moderate moly in vein						
		562.9 m 2 mm qtz vein down C.A. for 90 cm. Strong moly in vein						
		563.2 m 1-2 cm qtz vein 30° to C.A. Moderate moly in vein selvage						
		564.4 m 4 mm late qtz vein with 30% Pyrite at 5° to C.A.						
		565.9 m 2 mm qtz vein 5° to C.A. Strong moly in vein						
		566.6 - 567.85 m Strong potassic alteration as flooding						
		567.7 m 2-3 mm qtz vein 20° to C.A. Strong moly in vein						
		567.85 - 568.35 m Biotite Hornfels						
		570.3 m 5 cm x 3 cm fracture filling of gypsum, with 10 cm of intense potassic alteration						
		570.7 - 575.4 m Moderate sericitic alteration	540 - 578 m					
		571.2 m 4 mm qtz vein 40° to C.A. Strong moly in vein	0.15% MoS_2 or better					
		571.5 m 3 cm qtz vein 20° to C.A. Trace only in vein	and 1-1½% Py					
		572.0 m Cross cutting qtz veins, 8 mm qtz vein at 85° to C.A. and with weak moly in vein selvages, cuts a 5-7 mm qtz vein at 10° to C.A. This vein has trace moly						
		572.8 m 3 cross cutting qtz veins, all 3-4 mm in width. Two veins are 0°- 10° to C.A. These are the oldest and youngest of the three. The other vein is at 80° to C.A. All 3 veins have good moly associated.						
		573.4 m 2 cm qtz veins 0° to C.A. for 30 cm. Good moly in vein						
		573.6 m 10 cm inclusion of sericitic hornfels	578 - 587.4 m					
		578 - 581.2 m Biotite and sericitic hornfels. Hornfels are foliated at 40° to C.A. The hornfels appears to have a weaker qtz stock work and definitely weaker moly associated. Gypsum veins are present in the hornfels.	< 0.10% MoS_2 & 2-4% Py					
		578 - 581.2 m < 0.10% MoS_2 and 2-4% Py						
		577.3 m 3 mm qtz vein 30° to C.A. Moderate moly in vein						
		578.5m 5-10 mm qtz vein 30° to C.A. Trace moly in vein						
		578.65 6 mm qtz vein 70° to C.A. Moderate moly in vein						
		580.05 m 1.5 cm qtz vein 30° to C.A. Vein has only weak moly associated.						
		581.2 - 585.8 m QMP with strong potassic alteration						
		581.5 - 582.4 m 7 mm qtz vein down C.A. Vein is late and contains ≈ 40% pyrite.						
		582.45 m 8 mm qtz vein 75° to C.A. Moderate moly in vein						
		582.5 m Three cross cutting fractures all with good moly						
		From 581.2 m Gypsum veins are still present, however no anhydrite is noted below 578 m.						
		585.2 - 585.8 m ≈ 30% biotite hornfels inclusions in QMP						
		585.2 m 1 cm qtz vein 45° to C.A. Barren						
		586.4 m 3 mm qtz vein 20° to C.A. Vein is late and has 10-20% pyrite						
		587.2 m 5 mm qtz vein 15° to C.A. 5-10% pyrite						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
587.4 m	602.7 m	BIOTITE AND SERICITIC HORNFELS 4, 3										
		The hornfels has 15-20% QMP inclusions. This inclusions vary in size from < 10 cm to > 100 cm. The larger inclusions occur at 589.1 m 127 cm, and 592.1 m 40 cm.										
		The hornfels are moderately foliated at 45° to 80° to the C.A. Foliation is exemplified by alternating biotite rich and biotite poor layers. Sericitic hornfels predominates to 596.7 m, below which Biotite hornfels is predominant.										
		The hornfels are silicified and have a moderate qtz stock work and only weak to moderate moly mineralization associated. A few gypsum veins are noted throughout. Also present are a few 2 - 4 mm qtz and pyrite veins ± base metals. These veins are late and are usually < 30° to C.A.										
		The hornfels have only minor broken sections and minor up to 1 cm gouges associated with a few fractures.										
		587.4 - 588.03 m Very strong silicifiation with minor moly associated.										
		588.1 m 1 mm fracture 10° to C.A. Fracture has good coating of moly.										
		588.6 m 1 cm qtz vein 0° to C.A. for 25cm. Moderate moly in vein selvage.										
		590.5 m 2 mm qtz vein 30° to C.A. Moderate moly in vein.										
		591.2 m 7 mm qtz vein 5° to C.A. Vein is late and has 10-20% pyrite.										
		592.6 m 1 cm qtz vein 85° to C.A. Weak moly in vein.										
		592.65 m 3 cm qtz vein 45° to C.A. Vein is barren.										
		The last two veins mentioned are cut by a 3 mm late qtz vein with 10% pyrite.										
		592.9 m 5.5 cm qtz vein 80° to C.A. Trace pyrite.	587.4 - 602.7 m ≈ 0.10% MoS_2 & 3-5% Pyrite with short sections better than 0.15%									
		593.4 m 3 mm coating of graphite and clay on a fracture ≈ 15° to C.A.										
		595.35 m 1 cm qtz vein 90° to C.A. Moderate moly										
		595.8 m 3-5 mm qtz vein ≈ 20° to C.A. Good moly in vein										
		596.0 m Irregular 1-3 mm qtz vein 0-20° to C.A. Vein has good moly										
		From 596.7 - 602.7 m there are no QMP inclusions in the hornfels										
		597.4 m 1 cm qtz vein 60° to C.A. Moderate moly in vein										
		597.9 m 3 cm qtz vein 70° to C.A. Barren										
		599.7 m 2 mm qtz vein 35° to C.A. Good moly in vein. Vein cuts a 8 mm qtz vein at 25° to C.A. Vein has no moly, however, it has trace of gypsum and anhydrite.										
		602.5 m Irregular 5-7 mm qtz vein 0° to C.A. for 30 cm. Good moly in vein.										
602.7 m	639.2 m	QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6aP, 6a, Minor 6b										
		From 602.7 - 609.2 m there is only 20 cm of hornfels at 605.0 m										
		From 609.2 - 639.2 m there are approximately 30% hornfels inclusions in the QMP.										
		The QMP is quite massive with only a few fractures, most are 30°-40° to the C.A. A few of which have a 1-4 mm coating of graphite with clay.										
		605.6 - 605.9 m Redrilled Core										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
602.7 m	639.2 m	Cont'd:						

The QMP has variable alteration. From 602.7 - 605.0 m there is strong sericitic alteration. Below 605.0 m there is moderate potassic alteration occuring as flooding and as vein and fracture selvages. Chlorite alteration is present throughout. The QMP has 1-2% fresh biotite phenocrysts throughout, below 605 m.

The QMP has strong silicification throughout. There is a moderate to strong qtz stock work in the QMP and many of the qtz veins are well mineralized. Moly also occurs as coatings on fractures.

Throughout 1-2 mm gypsum veins are noted.

602.7 - 609.2 m Only 20 cm of hornfels at 605.0 m
609.2 m Several 3-5 cm biotite hornfels inclusions
609.95 m 10 cm of biotite hornfels
610.9 - 612 m ≈ 80% biotite hornfels
612.25 - 613.0 m Biotite and sericitic hornfels
615.0 - 616.3 m Biotite hornfels
620.25 - 623.2 m Biotite hornfels
624.8 - 628.2 m 70% hornfels, mainly biotite hornfels
628.2 - 629.15 m A sericitic to weakly chloritic QED dike. Contacts sharp at 45° and 5° to C.A. respectively.
633.5 m 10 cm sericitic hornfels
636.7 - 639.2 m 10% biotite hornfels inclusions

603.25 m 2 mm qtz vein 0° to C.A. for 30 cm. Good moly in vein
603.4 m Fracture 15° to C.A. Good coating of moly on fracture
604.85 m 4 mm qtz vein 80° to C.A. Good moly in vein
605.5 m Fracture at 30° to C.A. with a good coating of moly
605.9 m 5 mm qtz vein 75° to C.A. Strong moly in vein
605.95 - 606.6 m 3-4 mm qtz vein with good moly
606.45 m 3 mm qtz vein 30° to C.A. Good moly in vein
607.1 2 mm gypsum vein 30° to C.A.
607.6 1 cm qtz vein 20° to C.A. Very strong moly in vein
608.4 m 8 mm qtz vein 15° to C.A. Vein is late and has 5-10% Pyrite
609.25 m 5 mm qtz vein 50° to C.A. Moderate moly in vein
609.4 m 2.3 cm qtz vein 70° to C.A. Trace moly.

From 610.4 - 611.0 m Sericitic QMP
610.5 m 5 mm gouge zone at 30° to C.A.
611.55 m Fracture at 30° to C.A. with good moly
613.4 m Strong potassic alteration as flooding for 5 cm
614.1 m Strong potassic alteration as flooding for 5 cm
614.9 m Moderate anhydrite in a qtz vein
614.5 m 2-5 mm gypsum vein 0° to C.A. for 50 cm. Trace anhydrite is associated
616.3 - 618.1 m Strong potassic alteration as flooding
616.7 m Irregular 3-5 mm qtz vein 5° - 15° to C.A. Good moly in vein. Vein is cut by a 2 mm gypsum vein
618.8 m 4 cm qtz vein 90° to C.A. Barren
620.5 m Irregular 1 cm qtz vein down core axis for 5 cm, strong moly in vein.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
602.7 m	639.2 m	Cont'd: 621.3 m 3 mm qtz vein 30° to C.A. Strong moly in vein 622.6 - 623.2 m 5-8 mm qtz vein with strong moly and minor pyrite. Vein has strong potassic selvages. Cross cutting the vein is a 1-2 cm transparent gypsum vein. 623.6 m Fracture 20° to C.A. with strong moly 623.7 m Irregular 2-4 mm qtz vein 45° to C.A. Good moly in vein 623.75 m 2.4 cm qtz vein 80° to C.A. Vein is late and barren. Vein cuts strong potassic alteration. 625.1 m 1 cm x 2 cm bleb of anhydrite 625.2 m 1-2 mm coating of moly on an irregular fracture 0°-30° to C.A. 626.1 - 626.85 m Irregular 5-15 mm qtz vein with trace moly 628.3 - 629.15 m QED. Unit has 3 late qtz veins with pyrite. Lower contact is sharp but very irregular. 629.2 - 629.6 m Irregular 5 mm qtz vein with good moly and trace pyrite 630.9 m 20 cm of strong silicification≈85% silica and 15% QMP. The QMP occur as irregular stringers in the silica. 631.1 - 634.3 m Sericitic QMP 631.4 m 2-3 mm graphite and caly coating on a fracture at 30° to C.A. 632.8 - 633.8 m Strong qtz stock work with most veins > 60° to C.A. However there is only weak moly associated. 633.95 m 1 cm qtz vein 45° to C.A. Moderate moly in vein 634.0 - 634.35 m Irregular inclusion of sericitic QED 635.2 m Traces anhydrite 636.45 m 2 mm qtz vein 85° to C.A. with good moly. Vein cuts a fracture at 0° to C.A. for 15 cm. Fracture has a good coating of moly. A 1 mm gypsum vein cuts both vein and fracture. 638.4 m Strong potassic alteration as flooding. Abundant secondary biotite is also associated.	602.2 - 639.2 m 0.15-0.18% MoS_2 and 1-2% Py. Short sections are better than 0.20% MoS_2										
639.2 m	661.5 m	BIOTITE HORNFELS 4 The biotite hornfels are massive with very few fractures. The unit is very strongly silicified and has a moderate qtz stock work. Most qtz veins are > 5 mm however, to 645 m many of the veins are weakly mineralized; below 645 m moly mineralization improves considerably. Gypsum veins are present throughout as well as trace amounts of anhydrite. Foliation is moderately developed at 45°-75° to C.A. Foliation is caused by alternating layers of biotite rich and biotite poor layers. Short sections are sericitic. Moly occurs in qtz veins and as coatings on some of the fractures. Pyrite occurs as disseminations in the hornfels often aligned parallel to foliation and in some of the qtz veins as coatings on fractures. Throughout this section there has been minor displacement of qtz veins caused by fracture movement.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
639.2 m	661.5 m	Cont'd:										

639.85 m 3.5 cm qtz vein 65° to C.A. Trace pyrite
639.95 m Irregular 1 cm qtz vein with minor anhydrite
640.2 m 3 mm qtz vein 15° to C.A. Good moly in vein
640.45 m Irregular 1 cm qtz vein with good moly
640.6 m 2-3 mm qtz vein 5° to C.A. Good moly in vein
640.7 m 1-3 mm qtz vein down C.A. for 60 cm. Good moly in vein
642.7 m 2-3 mm qtz vein 30° to C.A. 50% pyrite in vein
642.75 m 3 mm qtz vein 60° to C.A. Strong moly in vein
642.85 m Trace anhydrite in a qtz vein
643.45 m Trace anhydrite in a 1 cm qtz vein 30° to C.A.
645.3 m 2 mm qtz vein at 30° to C.A. with a 1-2 mm gypsum vein parallel to it. The qtz vein has good moly.
646.4 m 3.5 cm qtz vein 70° to C.A. Barren
646.9 m 2 mm qtz vein 20° to C.A. with strong moly and pyrite. Subparallel to qtz vein is a 1 mm gypsum vein at 15° to C.A.
647.3 m 10 cm of qtz and silicification with strong disseminated moly.
647.7 m 2.5 cm qtz vein at 25° to C.A. Strong moly in vein
648.2 m 5-8 mm qtz vein 20° to C.A. Strong moly in vein
648.6 m 1 cm qtz vein 60° to C.A. Strong moly in vein
649.5 m 8 mm qtz vein 80° to C.A. Very strong moly in vein
651.0 m 7 cm qtz vein 65° to C.A. Trace pyrite.
651.2 m 3 mm qtz vein 30° to C.A. Strong moly is associated
652.1 - 652.6 m Sericitic QED Dike. Upper and lower contacts sharp at 30° to C.A.
653 - 654 m 1-3 mm qtz vein down C.A. with good moly. A 1 mm gypsum vein cuts qtz vein
654.5 m 2 mm qtz vein 15° to C.A. Moderate moly in vein
From 655.3 m mainly sericitic hornfels
655.6 m 3 mm qtz vein 70° to C.A. Strong moly in vein
655.65 m 1.7 cm qtz vein 30° to C.A. Several bands of moly in vein
656.15 m 1 cm qtz vein 50° to C.A. Weak moly and pyrite in vein
656.75 m 1 cm qtz vein 70° to C.A. Good moly selvages in vein
657.3 m Irregular 1 cm qtz vein 60° - 80° to C.A. Good moly selvages in vein
659.7 - 660.03 m QED Dike. Weak chloritic alteration. 1-2 cm chilled margins. Upper and lower contacts at 40° to C.A. Biotite phenocrysts in dike are chloritic. Feldspar phenocrysts are usually < 2 mm. 5-10% qtz eyes are present. The dike has 5-6% disseminated pyrite.
The last 40 cm of hornfels is brecciated.
Lower contact is at 40° to C.A.

Mineralization:
639.2 - 645 m 0.10-0.15% MoS_2 & 2-4% Py
645-661.5 m better than 0.15% MoS_2 & 2-4% Py

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays				
661.5 m	675.5 m	QUARTZ-EYE DIORITE CHLORITIC 7b Lower contact is down core axis from 672.4 m. The QED is massive with 40 - 50% <1-3 mm white feldspar phenocrysts, 5-7% <1-4 mm qtz eyes and 2-3% 1-3 mm chloritic biotite phenocrysts in a fine-grained and siliceous groundmass. 3-5% disseminated pyrite occurs in the dike. The dike varies in colour from light to dark gray. The QED has only 2-3 fractures per meter, a few of which have pyrite $\pm$ galena and sphalerite. 668.9 m Fracture 20° to C.A. with abundant disseminated sphalerite and minor pyrite. 670.2 - 670.9 m An inclusion of sericitic hornfels in dike. ≈40-50% of the 0.7 meters is hornfels. The hornfels has > 0.20% MoS_2 for the 70 cm. 672.4 - 675.5 m The core is along the contact of the QED dike and hornfels. About 40% of the core is hornfels. The contact is irregular and 0° - 30° to the C.A. The hornfels has 0.15 - 0.20% MoS_2 associated. There is no visible moly in the dike. 672.55 m Fracture 20° to C.A. with a thick moly coating. 672.6 m 2-3 cm qtz vein 10° - 20° to C.A. Strong moly and moderate pyrite. 672.6 - 672.9 m ≈40% Dike 672.9 - 673.5 m ≈90% Hornfels 673.5 - 674.0 m ≈90 - 95% Dike 674.0 - 674.95 m ≈80% Hornfels often brecciated 674.95 - 675.5 m ≈95% Dike The hornfels inclusions in the dike are mainly sericitic	661.5 - 675.5 m In Dike no visible moly and 3-5% Pyrite In hornfels inclusions 0.20% MoS_2 and 2-4% Pyrite or better									
675.5 m	694.85m	HORNFELS: MAINLY BIOTITE WITH MINOR SERICITIC 4, 3 The hornfels are quite massive and well foliated at 60° to 80° to the C.A. Foliation is exemplified by alternation bands 1-5 mm in width of biotite rich and biotite poor rock. To 677.05 m sericitic alteration predominates, below which biotite hornfels are predominant. The hornfels has a moderate qtz stock work, however a number of the veins are well mineralized with moly as are some of the fractures. Veins are generally larger than in the QMP. 675.8 m 3 cm qtz vein 20° to C.A. Strong moly in vein 676.0 - 676.65 m 1.5 cm qtz vein down C.A. with thick moly selvages. Trace pyrite and anhydrite is associated. 676.95 m 5 mm qtz vein 10° to C.A. Moderate moly in vein.										

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
675.5 m	694.85 m	Cont'd: 677.75 m 1 cm qtz vein down C.A. for 95 cm. Strong moly in vein. Vein cuts several qtz veins with weak to moderate moly associated. 677.3 m 4.5 cm qtz vein 85° to C.A. Vein has good moly in selvages. 679.3 m 5 cm qtz vein 90° to C.A. Moderate moly and pyrite in vein 679.75 - 680.05 m 1 cm qtz vein down C.A.. Moderate moly in vein 680.5 m 1.5 cm qtz vein with offset movement. Very strong moly in vein. Vein is cut by a 3 mm late qtz vein with pyrite. 681.5 - 681.8 m Redrilled Core ≈ 70% recovery 682.85 m 3 mm qtz vein 30° to C.A. Strong moly in vein 683.0 m 2 mm qtz vein 15° to C.A. Strong moly in vein 683.85 - 684.4 m 1 cm qtz vein down C.A. with moderate moly and trace anhydrite. 684.55 m 8 mm qtz vein 30° to C.A. Strong disseminated moly in vein 684.9 m Fracture 75° to C.A. with a good moly coating 685.9 m Fracture 30° to C.A. Strong moly in vein 686.25 m 3 cm qtz vein 60° to C.A. Barren 686.5 m 7 mm qtz vein 70° to C.A. Vein has good moly in selvages A 1 cm qtz vein at 30° to C.A. cuts vein at 686.5 m This vein also has good moly. 687.6 m Three cross cutting qtz veins all with good moly. Two are at 30° to C.A. and one is at 60° to C.A. Veins are < 5 mm in width. 689.3 m 5 mm qtz vein 35° to C.A. Strong moly in vein 689.4 m 15 cm inclusion of strongly chloritized rock. Probably hornfels with a different composition. Unit has pyrite stringers but no moly. 690.6 m 5 mm qtz vein 20° to C.A. Strong moly in vein 692.1 m 6 mm qtz vein 90° to C.A. Strong moly in vein 692.7 m 3 mm qtz vein 90° to C.A. Strong moly in vein 693.9 m 4 cm qtz vein 85° to C.A. Barren 694.7 m 1 cm qtz vein 30° to C.A. Vein has good moly in selvages Noted throughout this section are a number of 1-2 mm wide gypsum veins	675.5 - 694.85 m 0.15-0.20% MoS_2 & 2-4% Pyrite					
694.85 m	700.5 m	QUARTZ MONZONITE PORPHYRY POTASSIC ALTERATION 6aP Lower contact sharp at 45° to C.A. The QMP is massive with strong potassic alteration. Moderate to strong chloritic alteration is associated. Potassic alteration occurs as flooding and as selvages to veins and fractures. The QMP could be a dike like off shoot from the main QMP intrusive. The QMP is a granish gray in colour and is composed of 40-60% irregularly shaped 1-4 mm fresh looking feldspar phenocrysts. 5-7% 3-5 mm qtz eyes, and 2-4% chloritic biotite phenocrysts in a fine-grained and siliceous matrix. Abundant fresh secondary ? biotite phenocrysts are also present. The QMP has strong silicification throughout and a moderate to good qtz stock work. However, there appears to be less moly associated than in the hornfels above.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
700.5 m	718.4 m	Cont'd: 710.7 m 5 mm pyrite vein at 20° to C.A. 711.0 m 5 mm pyrite vein at 20° to C.A. 714.0 - 716.5 m 3-4 mm qtz vein 0° to C.A. Moderate moly in vein 714.5 m 7 cm qtz vein 15° to C.A. Vein has good moly in vein selvages. Minor moly is in vein. 716.65 m 3 cm qtz vein 10° to C.A. Trace pyrite and anhydrite 717.35 m 2 mm late pyrite and feldspar vein at 30° to C.A. 717.5 - 718.4 m Sericitic hornfels	700.5 - 718.4 m 0.15-0.18% MoS_2 & 2-4% Py					
718.4 m	732.2 m	QUARTZ MONZONITE PORPHYRY. VARIABLE ALTERATION, 6a, 6aP The QMP is a light greenish gray in colour. Unit is composed of 30 - 60% 1-4 mm often nebulous looking fresh feldspar phenocrysts, 3-5% 2-4 mm qtz eyes and 1-3% fresh biotite in a very siliceous groundmass. The QMP has strong silicification throughout, as well as a good qtz stock work with strong moly. There is abundant anhydrite associated with the qtz veins. A few gypsum veins are noted throughout. Most are 1-2 mm in width and usually ≤ 30° to C.A. There are only a few fractures in the QMP and most are > 30° to C.A. There are at least 5 episodes of qtz veining with moly. 3 episodes are > 30° to C.A. One episode is 10° - 30° to C.A. and one is 0° - 3° to C.A. The QMP has a few large veins however, most are < 10 mm in width. There are also a number of 1 mm or less veins with moly. 720.8 m 2 cm vein 5° to C.A. Vein has moly in its selvages 721.4 m Cross cutting qtz vein 6 mm at 70° to C.A. cut by a 1 mm qtz vein at 30° to C.A. Both veins have good moly in vein selvages. 722.0 m 2 cm qtz vein with anhydrite at 15° to C.A. 722.2 m 1-3 cm qtz vein down C.A. to 724.00 m. Vein has varying amounts of moly as well as minor anhydrite. From 723.7 - 724.0 m vein is cut by a late 2 cm qtz vein with 30% pyrite. 724.1 m 1 cm by 5 cm bleb or growth of strong reddish brown to black secondary biotite. 724.45 m 2 cm qtz vein 30° to C.A. Strong moly in vein. Vein is cut by a fracture also with good moly as a coating. 724.8 m 5 mm qtz vein 80° to C.A. Strong moly in vein 725.9 m 1 cm qtz vein 75° to C.A. Good moly in vein 726 - 727.4 m Irregular 2-4 mm qtz vein down C.A. Strong moly in vein. 727.65 m A late qtz and pyrite vein 20° to C.A. 728.4 - 732.2 m 5-10% hornfels inclusions in QMP 728.85 m 4 cm qtz vein 85° to C.A. Weak moly in vein. 731.6 - 732.2 m Very strong silicification 730.7 m 8 mm qtz vein 40° to C.A. Strong moly in vein	718.4 - 732.2 m 0.15-0.20% MoS_2 & 1-2% Py					

FOOTAGE From	FOOTAGE To	DESCRIPTION
732.2 m	755.0 m	A MIXTURE OF HORNFELS WITH 25% INCLUSIONS OF QMP 4, 3, 6aP, 6a

732.2 - 736.55 m A mixture of biotite and sericitic hornfels. Foliation is moderate and usually ∠ 30° to C.A.

736.55 - 738 m ≈ 50-70% QMP inclusions in the hornfels

738 - 738.9 m Massive hornfels with foliation at 45° - 75° to C.A.

From 738.9 m the hornfels appears to be often broken with a number of 1 cm to 40 cm inclusions of QMP. Total QMP content appears to be 25%.

At 752.2 - 752.7 m ≈ 60% QMP in hornfels

752.7 - 753.9m ≈ 95% QMP in hornfels

The QMP has moderate potassic and chloritic alteration.

This section has a moderate qtz stock work and very strong silicification. There are at least three episodes of qtz veining with moly, as well as barren qtz veins and a set of late qtz veins with pyrite and feldspar. A number of 1-2 mm wide stringers of pyrite are also present. Gypsum veins although still present are becoming fewer, however blebs of anhydrite are still present.

A number of qtz veins have offset movement along fractures. The fracturing if the hornfels is pre veining, however in most cases little movement has occurred.

733.0 m 1.5 cm qtz vein 25° to C.A. Moderate moly in vein selvage.

733.3 m 5.5 cm qtz vein 50° to C.A. Minor anhydrite and trace moly and pyrite.

733.5 m 3 mm qtz vein 15° to C.A. Very strong moly in vein

734.6 m 2-3 cm qtz vein 15° to C.A. Good moly in vein selvage

734.9 m 3 cm qtz vein 85° to C.A. Barren

735.15 cm 2.5 cm qtz vein 90° to C.A. Trace moly in vein selvages

734.2 - 736.65 Sericitic hornfels

737.05 m Cross cutting qtz veins. 5 mm qtz vein at 30° to C.A. and with good moly cuts a 5 mm qtz vein at 45° to C.A. This vein also has good moly.

737.2 m 1.5 cm late pyrite and feldspar and qtz vein at 30° to C.A. About 50% of vein is pyrite.

737.3 m 1.5 cm qtz vein with 50% pyrite and 10% pink K-spar. Vein is late.

738.9 - 739.2 m Irregular 5 mm qtz vein down C.A. Good moly is associated.

739.8 m 4.5 cm qtz vein 70° to C.A. Minor anhydrite and trace moly and pyrite.

740.0 m 3 cm qtz vein 70° to C.A. Good moly in vein selvages

740.1 m 1.5 cm qtz vein 40° to C.A. Good moly selvages and trace pyrite.

740.8 m 1 cm qtz vein 5° to C.A. Several bands of moly in vein

741.8 m 2 cm qtz vein 20° to C.A. Trace moly

742.3 m 5 mm qtz vein 20° to C.A. Vein is late and has 20-40% pyrite and 10% white feldspar.

743.7 - 744.1 m Chloritic QMP inclusion

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
732.2 m	755.0 m	Cont'd: 743.8 m 7 mm qtz vein 20° to C.A. Vein has very strong moly 744.2 m 5 mm qtz vein with 60% pyrite. Cuts several 1-3 mm qtz veinlets with moly. 745.0 - 745.3 m QMP with strong potassic alteration as flooding 745.3 m 2 mm qtz vein 40° to C.A. Strong moly in vein 746.4 - 746.8 m Several 1-2 cm qtz veins with trace moly at best, and minor anhydrite. 747.03 m 2-3 mm qtz vein 90° to C.A. Good moly in vein selvages 748.1 - 748.4 m Chloritic QMP 748.0 m Three subparallel 1-3 mm qtz veins ≈30° to C.A. Veins have strong moly associated. 749.25 m 2 cm qtz vein 30° to C.A. Minor moly 750.65 m 3 cm qtz vein 70° to C.A. Trace anhydrite. Vein cuts a 1 cm qtz vein at 80° to C.A. This vein has good moly. 752.65 m 1.5 cm qtz vein 80° to C.A. Moderate moly in vein. Vein is cut by a 1 mm qtz vein at 45° to C.A. This vein has good moly. Both veins are cut by a 5-6 mm qtz vein 25° - 30° to C.A. Vein has weak moly and trace anhydrite. 753.05 m 1-4 mm qtz vein 20° to C.A. Vein has good moly 753.6 m 1.2 cm qtz vein 60° to C.A. Moly in vein selvages 754.2 m 4.5 cm qtz vein 60° to C.A. Trace pyrite 754.3 m 1.4 cm qtz vein 70° to C.A. with moderate moly and cut by a 1 mm qtz vein at 30° to C.A. This vein has good moly. 754.65 m 1.5 cm qtz vein 70° to C.A. Strong moly in vein 754.8 - 754.9 m QMP inclusion	732.2 m - 755.0 m 0.10-0.15% MoS_2 & 2-3% Py					
755.0 m	806.45 m	A MIXTURE OF BIOTITE AND SERICITIC HORNFELS 4, 3 755.0 - 759.0 m Sericitic Hornfels 759.0 - 760.6 m Biotite Hornfels 760.6 - 761.7 m Sericitic Hornfels 761.7 - 762.4 m Biotite Hornfels 762.4 - 767.0 m Sericitic Hornfels 767.0 - 774.0 m Biotite Hornfels 774.0 - 776.9 m Sericitic Hornfels 776.9 - 780.4 m Biotite Hornfels 780.4 - 781.9 m Sericitic Hornfels 781.9 - 784.8 m Biotite Hornfels 784.8 - 786.2 m Sericitic Hornfels 786.2 - 796.5 m Biotite Hornfels 796.5 - 806.45 m Sericitic Hornfels Foliation is moderately to well developed at 10° - 30° to the C.A. Lower contact is sharp at 15° to C.A. Contacts between biotite and sericitic hornfels are gradational. The hornfels has a moderate to good qtz stock work, however the better mineralized veins are often at a low angle to the C.A. Many of the qtz veins are > 1 cm in width. There are 2 sets of well mineralized qtz veins, one at 0° - 20° to C.A. and the other > 60° to C.A.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
755.0 m	806.45 m	Cont'd:	753 - 795 m ≈ 0.20% MoS_2 & in places better 3-5% Py					

Cont'd:

There are also two additional sets of weakly mineralized qtz veins and these are at 30° to C.A. and > 60° to C.A.

Gypsum veins are noted throughout, however they are fairly rare. The hornfels has very intense silicification throughout.

755.3 m 5 mm qtz vein 20° to C.A. Good moly in vein
755.5 - 756.2 m 7-8 mm qtz vein down C.A. Vein has very strong moly.
755.8 - 756.8 m 7-10 mm qtz vein down C.A. and subparallel to vein above. Vein has very strong moly. A 1-4 mm gypsum vein cuts this vein
756.8 m 3-5 cm qtz vein 65° to C.A. Trace pyrite
756.95 m 20 cm of broken core
757.15 m 2.3 cm qtz vein 85° to C.A. Weak moly selvages in vein
757.9 m 2-3 mm qtz vein down C.A. for 25 cm. Good moly in vein
758.5 m 2-3 mm gypsum vein at 20° to C.A.
758.87 m 1 cm qtz vein 70° to C.A. Good moly in vein
759.05 m Fracture at 85° to C.A. with a good moly coating
759.95 m 3.5 cm qtz vein 80° to C.A. Two bands of moly in vein
760.8 m 1 cm qtz vein 12° to C.A. Strong moly in vein
761.25 m 40 cm of silica ≈ 95%. At 761.25 m a 7 mm pyrite vein cuts silica at 25° to C.A.
761.5 m 5-8 mm qtz vein cutting silica and down C.A. for 70 cm. Good moly in vein.
762.25 m 70 cm of qtz veining and silica. Moderate to good moly in qtz veins cutting silica.
763.1 m 2.5-3 cm qtz vein 30° to C.A. Moderate moly in vein
763.4 - 763.7 m Strong silicification, weak moly
764.1 - 765.6 m ≈ 70-80% silica. This could be several qtz veins down C.A. The silica has moderate to weak moly associated.
766.2 m Several 1-3 mm stringers of qtz with good moly at 30° to C.A.
766.5 m 5 cm qtz vein 20° to C.A. Barren
766.85 m 1.5 cm qtz vein 50° to C.A. Very strong fine-grained moly in vein.
768 - 772 m A number of 1-4 cm qtz veins at 0°- 90° to C.A. However, only trace moly is associated at best.
772.0 m Irregular 2 cm qtz vein 10° to C.A. Strong moly in vein
772.4 m 3 mm qtz vein 20° to C.A. Good moly in vein
772.8 m 3 cm qtz vein 85° to C.A. Strong moly in vein. Vein cuts a 2-4 cm qtz vein at 20° to C.A. This vein has trace moly.
774.1 m 5-15 mm qtz vein 10° to C.A. Good moly in vein
775.5 m 1 cm qtz vein 10° to C.A. Good moly in vein. Some of the moly in the vein appears to be remobilized into a fracture cutting the vein.
775.9 m 3-4 mm qtz vein 75° to C.A. Good moly selvages in vein
777.4 m 1.5 cm qtz vein 60° to C.A. Good moly in vein
777.65 m 1 cm qtz vein 70° to C.A. Good moly in vein
777.8 m Fracture ≈ 40° to C.A. with a thick moly coating
778.8 m 1 cm qtz vein 60° to C.A. Strong moly in vein.
779.8 m 5 mm qtz vein down C.A. for 70 cm. Strong moly in vein.
780.0 m Two subparallel qtz veins both 1.5 cm qide and ≈ 40° to C.A. Moderate moly in both veins.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
755.0 m	806.45 m	Cont'd: 781.0 m 2 cm qtz vein 40° to C.A. Moderate moly in vein selvage 782.3 m 1.5 cm qtz vein 90° to C.A. Strong moly in vein 782.35 m 2.0 cm qtz vein 60° to C.A. Strong moly in vein Trace amounts of epidote are noted at 779.5 - 783.0 m 783.4 m 2.5 cm qtz vein 10° to C.A. Very strong moly in vein 783.8 m Trace anhydrite in a qtz vein 784.2 m Irregular 5-10 mm qtz vein 5° - 10° to C.A. Good moly in vein. 784.8 m 1 cm qtz vein down C.A. for 50 cm. Moderate moly in vein 785.0 m 3 mm qtz vein 40° to C.A. Strong moly in vein 785.8 m 5 cm qtz vein at 10-15° to C.A. Vein has good moly associated. A later K-spar and qtz vein is subparallel and in contact with the qtz vein. This vein disturbs some of the moly in the qtz vein. 787.3 m 1.5 cm qtz vein 20° to C.A. Good moly selvages in vein 787.7 m 1 cm qtz vein 30° to C.A. Good moly in vein 788.6 m 3 cm qtz vein 80° to C.A. Good moly in vein 788.8 m 6 cm qtz vein 10-15° to C.A. Several bands of moly in vein 789.8 m 5 cm qtz vein 80° to C.A. Two bands of moly in vein 790.5 m 3 cm qtz vein 25° to C.A. Strong moly in vein 791.5 m 2.5 cm qtz vein 30° to C.A. Very strong moly in vein. Vein cuts a 2 cm qtz vein at 40° to C.A. with moderate moly. This vein in turn is cut by a 5 mm qtz vein at 30° to C.A. which has moderate moly in vein selvages. 792.6 m 5 mm qtz vein 30° to C.A. Good moly in vein 793.7 m 6 cm qtz vein 70° to C.A. One band of moly in vein 793.9 m 2 cm qtz vein 30° to C.A. Good moly in vein 795.1 m Fracture 85° to C.A. with a good coating of moly 795.25 m 5 mm qtz vein 30° to C.A. Good moly in vein 796.5 - 796.9 m 2-4 mm qtz vein on core surface. Vein has moderate moly associated. 798.85 m 15-20% pyrite as stringers in the hornfels for 30 cm. 800.5 m 4 mm qtz vein 85° to C.A. Strong moly selvages in vein 800.6 m 5 mm qtz vein 70° to C.A. Strong moly in vein 802.9 m 3-5 cm Fault gouge zone at 20° to C.A. Fault gouge has graphite associated. 802.5 m Fracture at 30° to C.A. with a good coating of moly 804.0 - 804.3 m Irregular 2-3 cm qtz vein down C.A. Vein has moderate moly and abundant pyrite associated 804.8 m 4 cm qtz vein 80° to C.A. Several bands of moly in vein 805.3 m 5 cm qtz vein 45° to C.A. Several bands of moly in vein 805.8 m 1.5 cm qtz vein 60° to C.A. Good moly and pyrite in vein By 806 m No gypsum veins are present.	795.0 - 806.45 m 0.10 - 0.15% MoS_2 & 3-5% Py					

PROPERTY: Red Mountain   HOLE NO: RMY 82-29

FOOTAGE From	FOOTAGE To	DESCRIPTION	Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
806.45 m	841.5 m	QUARTZ EYE DIORITE: VARIABLE ALTERATION 7a, 7b	806.45 - 841.5 m 5 - 7% Pyrite and only trace moly frim Qtz fragments. No visible moly in the QED					

QUARTZ EYE DIORITE: VARIABLE ALTERATION 7a, 7b

The QED has a varying amount of hornfels fragments. They are more abundant near the contact with the unit of hornfels above and decrease in abundance with depth. This is NOT a 7d unit as there are no QED fragments.

Fragments vary in size up to 15 cm, however the majority are < 3 cm. Hornfels fragments are both biotite and sericitic and vary in shape from rounded to angular. A few qtz fragments ± moly are present throughout. No qtz stock work was noted in the hornfels inclusions.

The QED is composed of 40-60% usually < 4 mm white feldspar phenocrysts, a few are up to 1 cm in width. 5-10% 2-7 mm qtz eyes and 2-4% 1-3 mm chloritic biotite phenocrysts. In the sericitic sections the biotite phenocrysts are sericitic as well as some of the feldspar phenocrysts. The QED has 5-7% disseminated pyrite. All phenocrysts are set in a fine-grained and siliceous matrix. The changes from chloritic to sericitic QED are gradational.

A few late qtz and carbonate veinlets are present, however they are rare.

The sericitic QED is a pale grey, while the chloritic QED is a dark gray.

807.7 m 15 cm of qtz with moderate moly and pyrite

For the first 5 m there is 10 - 20% inclusions and below decreasing to 5 - 10%.

815.2 m 25 cm of Fault gouge at 30° to C.A.
816.3 m 40 cm of Fault gouge at 45° to C.A.

At 817.2 m and 821.3 m a 5 cm and 12 cm inclusion respectively of a dark green chloritic intrusive. Inclusion has abundant fresh biotite. The inclusion looks similar to QED and QMP, however there is no qtz stock work and the qtz eyes are not prominent. The inclusion is moderately magnetic. Contacts with QED are sharp. Noted below 817.2 m are several other similar inclusions, however they are usually < 3 cm They vary from angular to rounded.

826.4 m 1 cm qtz vein with carbonate at 90° to C.A. Vein is barren
827.3 m 1 cm pyrite vein 50° to C.A.
834.6 m 40 cm of fault gouge at 30° to C.A.

The lower contact of the QED at 841.5 m is in a 3 cm fault gouge zone at 20° to C.A.

841.5 m 3 cm fault gouge at 20° to C.A.
834.5 - 839.5 m Strongly broken core.

In the last 5 m of this unit there are < 1% inclusions.

Throughout this section there are a number of fractures with a thin coating of clay and graphite.

Minor carbonate stringers ± pyrite occur throughout in the dike.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
841.5 m	859.6 m	A MIXTURE OF SERICITIC AND BIOTITIC HORNFELS 3, 4	841.5 - 859.6 m 0.20% MoS_2 or better & 3-5% Py					

A MIXTURE OF SERICITIC AND BIOTITIC HORNFELS 3, 4

The hornfels are only weakly foliated at 10° - 20° to the C.A. The unit is moderately broken and from 841.5 - 842.2 m it is strongly broken. The hornfels have a moderate qtz stock work and has been strongly silicified. The majority of this section is sericitic with short sections of biotite hornfels.

There are 4 episodes of qtz veining with moly. Two are about 45° to C.A., one is down C.A. and one is at 80° - 90° to the C.A. Strong chloritic selvages are noted to a few veins.

Moly occurs within the vein and vein selvages and along fractures often as thick coatings.

842.6 m 3 subparallel 3-5 mm qtz veins 45° to C.A. All have good moly. One of the qtz veins cuts an earlier qtz vein at 45° to C.A. This vein has moderate moly as well.

843.2 m 5 mm to 2 cm qtz vein 90° to C.A. Good moly selvage in vein

843.3 m 5 mm qtz vein 60° to C.A. Vein has very strong moly selvages.

843.35 m 3 mm qtz vein 80° to C.A. Moderate moly in vein

844.05 m 3 mm qtz vein 85° to C.A. Moderate moly in vein

844.1 - 846 m up to a 4 cm qtz vein down C.A. However, all of vein is not present. Vein has chloritic selvages. Vein has moderate moly and trace pyrite. Trace anhydrite also noted. Vein cuts several $<$ 1 to 4 cm qtz veins with moly ± pyrite.

846.55 m 1-2 cm qtz vein at 30° to C.A. Vein has 20% pyrite and 20% - 30% late K-spar. Vein cuts and partly destroys a qtz vein with moly.

846.95 m 3 mm qtz vein 60° to C.A. Strong moly in vein

847.4 m 3 mm qtz vein 70° to C.A. Strong moly in vein

847.7 m cross cutting 1 cm qtz veins at 30° and 60° to C.A. Both veins have good moly

845.45 m cross cutting 4 cm qtz vein at 30° to C.A. with good moly in vein selvages and a 5 mm qtz vein with moderate moly at 5° to C.A.

849.2 m 1 cm qtz vein 30° to C.A. Moderate moly selvages in vein

849.7 m 4 cm qtz vein 30° to C.A. Trace moly associated. Vein cuts 7 mm qtz vein at 60° to C.A. also with trace moly associated.

850.2 m 3 cm qtz vein at 30° to C.A. Minor moly and Pyrite in vein

850.3 m 5 mm qtz vein down C.A. for 100 cm. Vein has offset movement and good moly. Vein is cut by several 1 -2 cm qtz veins with trace pyrite.

852.75 - 856.1 m qtz vein up to 5 cm wide down C.A. with very strong moly. A number of fractures cut this vein and many of them have thick coatings of moly. Several 5-15 mm qtz veins cut or are cut by this vein many of which have good moly associated.

854.0 m 3 cm fault gouge zone at 30° to C.A. The gouge is composed of clay with graphite.

856.85 m 1 cm qtz vein 90° to C.A. with very abundant moly.

856.95 m 3 cross cutting qtz veins all 3-4 mm in width. All have strong moly associated. Two are at 20° to C.A. and one is at 45° to C.A. The vein at 45° to C.A. is the oldest.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
841.5 m	859.6 m	Cont'd:						
		857.4 m 1.5 cm qtz veins 20° to C.A. With good moly and trace pyrite.						
		857.5 m Weak 1 cm fault gouge zone down C.A., gouge has been healed by late K-spar.						
		858.3 m Irregular fracture with a 2 mm coating of moly ≈80° to C.A.						
		858.5 m 1 cm qtz vein 20° to C.A. with weak moly						
		858.7 m 1 cm qtz vein with good moly, cut by a 5-20 mm qtz vein at 15° to C.A. Vein has minor K-spar and is late.						
		859.1 m 3 cm qtz vein 60° to C.A. Good moly selvage in vein.						
859.6 m	1001.4 m	QUARTZ EYE DIORITE: VARIABLE ALTERATIONS 7a, 7b						
		The QED has variable sericitic and chloritic alteration throughout. Contacts between alterations vary from sharp to gradational. Throughout this unit of QED there are varying percentages of hornfels inclusions from < 5% to locally up to 50%. 1-3% qtz fragments with moly are also present. This unit is similar to the unit encountered for the first 120.7 m in RMY 78-5, with one major difference. In RMY 82-29, the QED doesn't have any fragments of quartz eye diorite, as there are in RMY 78-5. In RMY 82-29 the QED is definitely massive throughout. The hornfels occurs as inclusions.						
		The QED varies in colour from light gray to dark gray to greenish gray. The unit is not magnetic.						
		For the majority of this section there are up to 10% foliated hornfels inclusions in the QED. Short < 1 m sections have up to 50% inclusions. The majority of inclusions are sericitic, however a number of inclusions are biotitic. Most inclusions are between 0.5 and 4 cm. A few are up to 10 cm. Fragments vary from angular to rounded. Qtz fragments rarely exceed 2-3%. Most are < 2 cm in size and contain moly. Again these fragments vary from angular to rounded. Rarely a hornfels inclusions has a qtz vein associated. Also noted in the QED are a few up to 3 cm inclusions of the bright green mineral assemblage of Apatite-Muscovite.						
		The QED has 5-7% pyrite occuring as disseminations in the Dike and as coatings on a few fractures and as a few stringers. There are a few rare qtz veinlets in the dike. Most are ≤ 1 mm and may have pyrite associated. No moly was noted in the QED. That present is restricted to qtz inclusions.						
		Upper contact sharp at 20° to C.A. 3-4 mm gouge zone is associated.						
		867.5 - 868.7 m A 1-2 cm fault gouge zone down C.A. A graphite and clay coating of fractures is associated.						
		869.8 - 870.4 m Fault gouge zone 5° - 15° to C.A.						
		871.95 - 877.55 m 5 mm to 2 cm fault gouge zone down the C.A. Moderate to strong alterations to kaolinite is noted in and adjacent to the fault gouge zones.						
		871.0 m 3 cm inclusion of apatite-muscovite. Also at 871.0 m is an oval shaped qtz inclusion with moly, 7 cm in length.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
859.6 m	1001.4 m	Cont'd:						

Noted throughout, the change in alteration from sericitic to chloritic often occurs in irregular streaks. Chloritic alteration is restricted to biotite phenocrysts and groundmass. Sericitic alteration can affect the groundmass, biotite phenocrysts and feldspar phenocrysts.

Also noted throughout are irregular stringers < 1 to 3 mm in width of Carbonate. Stringers are usually barren.

875.6 - 880.0 m Strong chloritic alteration
880.55 - 881.25 m ≈ 20-25% hornfels inclusions in QED
879 - 882.4 m Moderately Broken Core
880.4 m 2-3 mm qtz and carbonate vein 10^{o} - 15^{o} to C.A.
886.2 m 2 cm inclusion of qtz with moly
887.1 - 891.0 m ≈ 10-15% hornfels inclusions
Below 873 m there are only few fractures in the QED
892.3 - 900.2 m ≈ 20-25% hornfels inclusions

Noted at several places in this section are up to 15 cm pods of strong chloritic alteration of matrix with abundant fresh biotite. The pods look like inclusions, however their is no definite contact between them and the QED. In fact these pods look like QED, however with different alteration ? features. All weakly to moderately magnetic.

900.2 - 912.9 m < 5-7% hornfels inclusions with a few short sections < 1 m in length which have up to 25% inclusions.
913.35 m 4.5 cm hornfels inclusion with a 2-3 mm qtz vein containing moly.
912.9 - 914.3 m ≈ 30-40% hornfels inclusions in QED. There are also an increase in qtz inclusions
915.5 - 915.8 m ≈ 50% hornfels inclusions in QED
906.9 m 3 mm qtz and carbonate at 20^{o} to C.A. Vein is barren.
915.8 - 919.0 m 5-10% hornfels inclusions
919.0 - 920.2 m 20-25% hornfels inclusions
920.2 - 924.9 m 5-10% hornfels inclusions
924.9 - 927.4 m 15-20% hornfels inclusions
914.5 - 920.5 m Strong chloritic alteration of biotite phenocrysts
923.1 - 923.4 m A recemented fault gouge zone at 30^{o} to C.A. Abundant carbonate, minor qtz and pink K-spar act as cementing agents. Clay and graphite coatings occurs on several fractures.
924.0 - 924.9 m Recemented fault gouge zone, similar to one at 923.1 - 923.4 m
923.5 m 7 cm sericitic hornfels inclusions with a 2-3 mm qtz vein containing moly.
927.4 - 931.8 m 5-7% hornfels inclusions
931.8 - 933.8 m 20-25% hornfels inclusions
933.8 - 934.75m 5-7% hornfels inclusions
934.75 - 938.0 m 10-15% hornfels inclusions
938.0 - 939.0 m 20-25% hornfels inclusions

% Mineralization:

859.6 - 943.0 m
No visible moly in QED & 5-7% Py

Qtz inclusions in QED do have moly however, its contribution will be very low when taken with QED.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
859.6 m	1001.4 m	Cont'd:										

935.15 m 2 mm qtz and carbonate vein 20° to C.A. Vein is barren

935.35 m 15 cm inclusion of a biotite rich intrusion. Unit looks like a late quartz diorite porphyry dike. The QED has 1-5 cm of strong sericitic alteration adjacent to dike. Contacts are sharp at 75° to C.A. Trace pyrite and a few carbonate stringers in dike.

937.4 m 5-6 cm angular inclusion of QMP with a 2-3 mm qtz vein with moly.

938.1 m Several 2-4 mm qtz fragments with moly.

Below 944.5 m the dike is moderately broken with numerous fractures down the C.A. and at 30° - 60° to the C.A.

946.7 - 948.8 m 75% of the core is ground

Below 943.3 m there are only rare inclusions in the QED. From 943 m there is stronger sericitic alteration and only trace chlorite alteration is present. Moderate to strong alteration to Kaolinite occur along many of the fractures. Alteration selvages are up to 1 cm in width.

A number of fractures have a graphite coating; most fractures are smooth and slippery.

944.6 m 3 cm x 1.5 cm inclusion of apatite-muscovite.

950.2 m 1 cm fault gouge zone with clay and graphite at 10° to C.A.

952.2 m Irregular 10 cm inclusion of foliated sericitic hornfels. Several qtz inclusions with moly are adjacent to inclusion of hornfels.

952.3 m 10 cm inclusion of sericitic hornfels.

953 - 954 m Fracture down C.A. with a graphite coating

955.95 - 956.5 m Fracture down C.A. with a graphite coating

957.0 m 2 cm fault gouge at 25° to C.A.

956.4 - 957.0 m 60 cm of Brecciation. Probably related to weak fault gouge and fracturing.

960.2 m Late 3 mm qtz vein 15° to C.A. and Barren. Cut by a 4-5 mm qtz and carbonate vein at 60° to C.A. This vein is also barren.

From 960 m the QED is still broken as above.

From 963 - 979.4 m moderate to strong chlorite alteration and weak sericitic alteration. The chlorite alteration occurs as alteration of biotite phenocrysts and matrix.

The QED is a dark gray for the chlorite sections and a cream gray for the more sericitic sections. The average composition of the QED is 40-60% 1-4 mm fresh to sericitic feldspar phenocrysts, 5-7% up to 5 mm qtz eyes and 3-5% 1-4 mm biotite phenocrysts in a fine-grained and siliceous matrix.

Alteration to Kaolinite adjacent to fractures is still present. Fractures are generally slippery and smooth.

In the chloritic QED weak sericitic alteration is still present

Mineralization: 943.0 - 1001.4 m 3-5% Py and trace moly in rare qtz inclusions

Footage From	Footage To	Description	Mineralisation	Sample No.	Footage From	Footage To	Length	Assays
859.6 m	1001.4 m	Cont'd: (see below)						
1001.4 m	1003.1 m	CONTACT BRECCIA 7d (see below)	1001.4 - 1003.1 m 7-10% Pyrite and trace moly					

859.6 m – 1001.4 m

Cont'd:

969.1 - 969.8 m Strongly broken core
970.6 - 971.0 m Strongly broken core
979.4 - 980.2 m Strongly broken core
982.8 m 1 cm gouge zone at 20° to C.A.
983.3 m - 983.9 m Strongly broken core

979.4 - 987.75 m Stronger sericitic alteration and weaker chloritic alteration.

985.0 - 985.35 m 35 cm unit of biotite - feldspar porphyry with abundant fresh biotite. Feldspar phenocrysts are relatively fresh. Contacts are about 70° to C.A. There is only 1-2% disseminated fine-grained pyrite in dike. The dike is moderately magnetic.

987.75 - 988.2 m Breccia. Fragments consist of QED, a few QMP with moly, and a 5 cm fragment of anhydrite. Most fragments are ≤ 5 cm and all in a siliceous matrix.

987.75 - 994.8 m Stronger chlorite alteration and weaker sericitic alteration.

994.8 - 998 m Sericitic alteration of QED. Weak chlorite alteration is also present.

993.8 - 994.0 m Several inclusions of sericitic hornfels 1-3 cm. Trace moly is associated.

990.8 m 2 cm gouge zone at 20° to C.A.
996.9 m 5 mm gouge zone at 20° to C.A.

996.4 - 997 m Several 1-3 cm hornfels inclusions with trace moly. Once inclusion is 8 cm and angular.

Throughout are ≤ 1 mm carbonate veinlets and a few 1-2 mm pyrite veins with sericitic selvages.

Lower contact at 1001.4 m of the QED is in a 3 cm fault gouge zone at 20° to the C.A.

1000.2 - 1001.0 m Broken Core

1001.4 m – 1003.1 m

CONTACT BRECCIA 7d

Fragments are predominantly Biotite and Sericitic hornfels with ≈ 30% QED fragments, and 1-5% qtz fragments ± moly associated.

3-5% pyrite occurs as Irregular blebs in the matrix of the Breccia. Fragments are angular to rounded and from < 1 cm to > 15 cm. The larger fragments tend to be hornfels.

1002.55 m 2 cm qtz vein in a hornfels fragment. Vein has good moly selvages.

Lower contact of Breccia is 5° to C.A.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
1003.1 m	1029.77 m	FINE-GRAINED WELL FOLIATED HORNFELS 4, 3										
		The hornfels are well foliated at 20° - 40° to the C.A. For the first 1 m the hornfels are foliated at 80° - 90° to the C.A. The first 1 m below the contact has sericitic alteration; below which there is a mixture of sericitic and biotitic alteration. The biotite hornfels also has moderate chlorite alteration.										
		The hornfel has good silicification throughout, however there is only a weak qtz stock work.										
		There appears to be two ages of moly qtz veins and one set of late qtz and pyrite veins in the hornfels.	1003.1 m - 1009.0 m									
		Anhydrite is noted in several of the moly qtz veins.	< 0.10% MoS_2 &									
		Except for the late qtz and pyrite veins many of the veins are > 1 cm in width and only weakly mineralized with moly at best.	1-3% Py									
		The hornfels has only a few fractures and those present are usually smooth.										
		1004.2 m 30 cm of very intense chlorite alteration of hornfels										
		1003.5 m 2-3 cm qtz vein 40° to C.A. Anhydrite and pyrite in vein. Vein is cut by a 2-4 mm late qtz and pyrite vein at 20° to C.A. Vein has 30-40% pyrite.										
		1003.95 m Cross cutting qtz veins. 3 cm qtz vein at 60° to C.A. and barren cut by a 1 cm qtz vein 20° to C.A. Vein has minor moly.										
		1004.65 m 1 cm qtz vein 80° to C.A. Moderate moly in vein										
		1004.75 m 7 mm qtz vein 50° to C.A. Good moly selvages in vein										
		1006.75 m 3 mm qtz vein 50° to C.A. Moderate moly in vein										
		1006.3 m 1-2 mm qtz vein with pyrite 5° to C.A. Vein is late										
		1007.2 m 2.5 cm qtz vein 60° to C.A. Trace pyrite in vein. Vein has minor offset movement.										
		1007.4 m 9 cm qtz vein 70° to C.A. Anhydrite and trace moly in vein										
		1007.55 m 1 cm qtz vein 30° to C.A. Anhydrite and moly in vein										
		1007.8 - 1008.2 m Strong silicification										
		1008.8 m 2-3 cm qtz vein 35° to C.A. Vein is Barren										
		The lower contact of the hornfels at 1029.77 m is sharp at 25° to the C.A.										
		1009 - 1012.5 m Sericitic Hornfels										
		1012.5 - 1015.8 m Biotite Hornfels										
		1015.8 - 1017.0 m Sericitic Hornfels										
		1017.0 - 1020.1 m Biotite Hornfels										
		1020.1 - 1023.2 m Sericitic Hornfels										
		1023.2 - 1026.5 m Biotite Hornfels										
		1026.5 -1029.77 m Sericitic Hornfels										
		From 1015.9 - 1021.3 m Very strongly broken core										
		The hornfels are well foliated at 5° - 40° to the C.A. The hornfels has moderate qtz stock work at best. Many of the qtz veins are barren. A few have good moly associated. There are only two apparent ages of moly qtz veins.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
1003.1 m	1029.77 m	Cont'd:						
		The hornfels are strongly silicified. The strongest silicification is in the sericitic sections.						
		There are two ages of veining with just pyrite. One at 0° - 20° to C.A. and one at 40° - 50° to C.A.	1009.0 - 1029.77 m					
		The biotite hornfels has strong chloritic alteration associated	0.15-0.18% MoS_2					
		Trace to rare 1-2 mm gypsum veins are noted in the hornfels.	& 2-3% Py					
		1009.4 m 1 cm qtz vein 15° to C.A. Good fine-grained moly in vein						
		1010.5 m 4 cm qtz vein 65° to C.A. Moderate moly in vein and vein selvage.						
		1010.95 m 2.5 cm qtz vein 30° to C.A. With good moly. Vein is cut by a 2 cm qtz vein 80° to the C.A. with moderate moly. An early 2 mm pyrite vein at 45° to C.A. is cut by both qtz veins.						
		1014.1 m 2-3 cm qtz vein 10° to C.A. Trace pyrite						
		1014.8 m 7 mm qtz vein 60° to C.A., good moly in vein selvages						
		1015.25 m 2-3 cm qtz vein 85° to C.A. Very strong moly in vein selvages.						
		1016.3 m Cross cutting qtz veins. 1 cm qtz vein 90° to C.A. Vein has good moly. Vein cuts and offsets a 2 mm qtz vein at 20° to C.A. This vein has good moly.						
		1020.1 m 1.5 cm qtz vein 60° to C.A. Very strong moly in vein selvage.						
		1021.8 m 4 cm qtz vein 50° to C.A. Minor moly is associated.						
		1022.0 m 3 cm qtz vein 50° to C.A. Minor moly is associated						
		1022.5 - 1022.9 m 40 cm qtz vein with minor moly and stringers of sericitic and biotite hornfels.						
		1025.4 m 1 cm qtz vein 60° to C.A. Strong moly in vein selvages.						
		1026.4 m 1 cm qtz vein 90° to C.A. 2-4 mm layer of moly in vein						
		1028.8 m 5 mm qtz vein 70° to C.A. Strong moly in vein						
		1029.3 m Several 1 mm stringers of moly along fractures. Fractures cut a 3 cm qtz and feldspar vein at 50° to C.A.						
		1029.73 m 1 cm qtz vein 30° to C.A. with good moly. Vein is terminated at contact with QED dike below.						
1029.77 m	1046.6 m	QUARTZ-EYE DIORITE 7b						
		The first 45 cm of the QED is sericitic, below which is moderate to strong chlorite alteration of biotite phenocrysts and the groundmass. The QED is a dark grey to medium green in colour.	1029.77 - 1046.6 m					
		The QED is composed of 30-50% 1-3 mm white feldspar phenocrysts, 5-10% 2-4 mm qtz eyes and 2-5% 2-3 mm chloritic or sericitic biotite phenocrysts in a siliceous and fine-grained matrix. The QED has 5-10% disseminated pyrite and is slightly finer grained than usual.	No visible moly 5-10% pyrite					
		The dike is not magnetic.						
		Throughout there are a few short < 1 meter sericitic sections.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
1029.77 m	1046.6 m	Cont'd: The QED has a few late qtz pyrite veins. Most are < 1mm in width. 1031.6 - 1033.4 m Broken Core 1039.9 - 1045.9 m Mainly sericitic QED 1045.9 - 1046.6 m Strong chlorite alteration of QED and the dike is fine-grained. 1046.6 m Lower contact sharp at 20° to C.A.										
1046.6 m	1119.2 m	LIGHT GREEN TO DARK BROWN SERICITIC AND BIOTITIC HORNFELS 3, 4 Short sections of QED and an intrusion quite similar to QMP are present. Foliation varies throughout, however much of it is between 0° - 30° to the C.A. The hornfels are moderately well silicified with short sections which are strongly silicified. The qtz stock work is weak to occasionally moderate. The sericitic hornfels are pale cream to light green in colour, while the biotite hornfels are dark brown to dark green in colour, when chloritic. Veins vary from 0° to 90° to the C.A. There appears to be three sets of moly and qtz veins. Most veins are only weakly mineralized. Most of the qtz veins are > 1 cm. Trace amounts of anhydrite are noted in a number of the qtz veins. Moly occurs in qtz veins, in vein selvages, and as coatings along fractures. The biotite hornfels has weak to moderate chlorite alteration; occasionally chlorite alteration is strong. Trace epidote is noted. Sericitic hornfels has strong sericitic alteration. 1047.6 - 1047.85 m Fine-grained dark green chlorite QED. Upper contact is brecciated and the lower contact is irregular. 1048.65 m 1.5 cm qtz vein 60° to C.A. Moderate moly in vein 1049.15 m 1 cm qtz vein 70° to C.A. Strong moly in vein 1046.6 - 1050.5 m Biotite hornfels 1050.5 - 1059.2 m Mainly sericitic hornfels 1059.2 - 1062.05 m Mixed biotite and sericitic hornfels 1050.5 m 2.5 - 3.0 cm qtz vein down C.A. for 85 cm. Trace moly, pyrite and anhydrite in vein. At 1050.7 m vein is cut by a 5 mm qtz vein 10° to C.A. Vein has good moly selvages. 1051.8 - 1052.6 m Foliation strong at 80° to C.A. 1052.9 m 1-3 cm qtz vein 10° to C.A. Moderate moly in vein 1053.7 m 3 mm pyrite vein at 30° to C.A. 1056.0 - 1057.3 m > 4.5 cm qtz vein down C.A. At 1056.5 m there is a remobilization of moly in the vein. For 30 cm there is an irregular stringer of massive moly 5 mm to 30 mm in width. 1058.7 m 8 mm qtz vein 50° to C.A. Moderate moly in vein selvage.	1046.6 - 1062.05 m ≈ 0.10 - 0.15% MoS_2 and 2-4% Py Short sections > 0.15% MoS_2									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
1046.6 m	1119.2 m	Cont'd:										
		1060.7 m Irregular 3 mm qtz vein 30° to C.A. Good moly in vein 1060.7 - 1061.1 m Several 5-8 mm qtz veins with offset movement. Veins are 20° - 40° to C.A. and have moderate moly. 1061.2 m 4 mm qtz veins 85° to C.A. Vein has good moly										
		1062.05 - 1066.87 m Sericitic hornfels occuring as irregular inclusions in a pyrite rich sericitic QED. No QED fragments are noted. The upper contact of QED is sharp with a number of < 1 cm hornfels inclusions. In the 4.82 m there are about 40% hornfels inclusions. Inclusions vary in size up to 20 cm. 3 - 5% qtz inclusions with moly are present. These hornfels inclusions appear to be weakly mineralized. Trace apatite-muscovite inclusions are noted in the QED. Trace anhydrite is noted in some of the qtz fragments.	1062.05 - 1066.87 m 0.03 - 0.07% MoS_2 & > 10% Pyrite									
		1066.87 - 1072.8 m Breccia. The breccia is post qtz stock work, and is composed of fragments of sericitic hornfels ± qtz stock work and qtz fragments. The breccia is very siliceous and contains 7 - 10% pyrite. No QED fragments are noted; however the breccia may be related to it. A few late qtz and pyrite ± feldspar veins cut the breccia. Moly occurs in qtz fragments and in veins in the hornfels fragments. Total moly content appears to be < 0.10%	1066.87 - 1072.8 m < 0.10% MoS_2 and 7-10% Py									
		1072.8 - 1074.05 m Biotite hornfels with weak chlorite alteration. Foliation is strong at 0° - 10° to C.A. 1073.1 m 5 mm qtz vein 10° to C.A. Good moly in vein 1073.3 m 1.5 cm vein like inclusion of what appears to be potassically altered intrusion related to qtz monzonite. Unit is finer grained. Inclusion is at 10° to C.A. and has minor disseminated moly. 1073.3 m 2 mm qtz vein 20° to C.A. Vein has good moly. Vein cuts the potassically altered intrusive. 1074.05 - 1075.7 m Sericitic QED with 10% sericitic hornfels inclusions. 1075.7 - 1077.45 m Mixed hornfels with a moderate qtz stockwork. 1076.3 m 6 mm qtz vein 20° to C.A. Moderate moly in vein selvages. 1077.45 - 1077.85 m 40 cm of intrusive similar to quartz monzonite porphyry. Unit has weak sericitic alteration and moderate potassic alteration. 1077.85 - 1078.6 m Sericitic hornfels	1072.8 - 1078.6 m 0.01 - 0.05% MoS_2 & 5-10% Py									
		1078.6 - 1080.7 m Sericitic intrusive and similar to QMP and same as at 1077.45 - 1077.85 m. Unit is a pale gray in colour and composed of fine-grained qtz and feldspar phenocrysts with trace sericitic biotite. The feldspar phenocrysts are either white or pale pink. What appears to be potassic alteration is present. The unit is siliceous and has a moderate qtz stockwork. Most of the veins are broken by numerous offsets along healed fractures. Moly occurs in the qtz veins and as disseminations in the intrusive. At 1079.4 - 1079.7 m a sericitic hornfels inclusion.	1078.6 - 1080.7 m > 0.15% MoS_2 and 1-3% Py									

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
1046.6 m	1119.2 m	Cont'd:						
		1080.7 - 1082.3 m Breccia. Unit is composed of both biotite and sericitic hornfels fragments. No QED is noted. Breccia is post qtz stockwork. Only weak moly is associated. 1082.3 - 1093 m Strongly broken hornfels. Both sericitic and biotite hornfels. 1082.3 - 1082.7 m Fault gouge at 40° to C.A. The hornfels has a weak qtz stockwork. Trace anhydrite is still present. 1085.8 m 2 cm qtz vein 70° to C.A. Trace moly and anhydrite. 1086.9 m 1 cm qtz vein 50° to C.A. Good moly in vein selvage. 1087.6 m 5 mm qtz vein 60° to C.A. Good moly in vein selvage. 1087.65 m 2.5 cm qtz vein 60 to C.A. Trace moly & anhydrite. 1087.8 m 10 cm qtz vein, trace pyrite and trace moly. 1087.95 m 7 cm qtz vein 60° to C.A. Minor pyrite 1088.95 m 10 cm of strong chlorite alteration of hornfels. 1089.5 m 10 cm inclusion of qtz barren. 1091.0 m 20 cm inclusion of sericitic QED. Unit has minor inclusions of hornfels. At 1090 m foliation is 7° - 10° to C.A. 1092.35 - 1093 m Weak fault gouge 0° - 10° to C.A. 1093 - 1093.5 m Sericitic hornfels 1093.5 - 1095.4 m Biotite hornfels. Moderate chlorite alteration. Hornfels have a weak qtz stockwork. 1093.8 m 5 mm qtz vein 50° to C.A. Good moly in vein. 1094.6 m 3-5 mm qtz vein 70° to C.A. Pyrite and moly in vein. 1095.38 m 2-3 cm qtz vein 80° to C.A. Moly in vein 1095.4 - 1096.6 m Sericitic hornfels	1080.7 - 1096.6 m < 0.10% MoS_2 & 2-4% Py					
		1096.6 - 1101.4 m 1 - > 4.5 cm fault gouge zone 0° to C.A. Fault gouge is in hornfels. This section has very strong sericitic alteration and also alteration to kaolinite. Abundant graphite is associated with the fault gouge. Moly occurs in some of the qtz fragments and as coatings along a number of slip planes in the fault gouge.	1096.6 - 1101.4 m > 0.10% MoS_2 & 1-3% Py					
		1101.4 - 1106.5 m Hornfels with strong sericitic alteration. A short 60 cm at 1104.6 m is biotite hornfels. Hornfels are well foliated at 10° - 40° to C.A. The hornfels has a weak qtz stockwork and weak moly associated. 1103.2 m 3 mm qtz vein 45° to C.A. Good moly in vein. 1104.1 m 2 cm qtz vein 30° to C.A. Minor moly in vein.	1101.4 - 1106.5 m < 0.10% MoS_2 & 1-3% Py					
		1106.5 - 1109.1 m ≈ 95% Silica. Upper and lower contacts are 10° to C.A. A few irregular inclusions of hornfels occur in the qtz. Up to 5 cm blebs of transparent gypsum occur in the qtz. Trace anhydrite is also noted. Moly occurs in the qtz as irregular blebs and stringers. Trace pyrite is also present.	1106.5 - 1109.1 m 0.10-0.15% MoS_2 Minor Py					

Footage From	Footage To	Description	Mineralization	Sample No.	Footage From	Footage To	Length	Assays
1046.6 m	1119.2 m	Cont'd: 1109.1 - 1111.5 Fault gouge with graphite at 0° - 10° to C.A. The majority of the core is clay. What hornfels still present are strongly sericitized. A few qtz fragments are also present in the gouges. Moly occurs in some of the qtz fragments and as coatings along irregular fractures. 1111.5 - 1116.2 m Sericitic hornfels with 30 cm of fault gouge at 1114.3 m. Gouge is at 20° to C.A. 1115.0 - 1115.15 m Fault gouge at 30° to C.A. The hornfels are foliated at 20° - 40° to C.A. This section of hornfels has a weak qtz stockwork and weak moly associated. The majority of the moly present occurs along fractures as coatings. 1114.0 2 cm qtz vein 0° to C.A. for 30 cm. Trace moly is associated. 1116.2 - 1119.2 m Mixed biotite and sericitic hornfels. Foliation is at 10 - 30° to C.A. 1117.3 m 40 cm of broken core 1118.3 m 30 cm of broken core. The hornfels are moderately silicified but have a weak qtz stockwork and weak moly associated. Trace epidote is noted.						
1119.2 m		E.O.H.						

DDH RMY-82-30

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY: RED MOUNTAIN	LATITUDE: 15 + 00W	STARTED: September 19, 1982	
HOLE NO.: RMY 82-30	DEPARTURE: 0 + 84S	FINISHED: October 19, 1982	
BEARING: VERTICAL	ELEVATION: 1625 M (5333')	LENGTH: 983.3m (3226')	
DIP-COLLAR: -90^o	SECTION	LOGGED BY: P. BROWN	

DIP TEST

ft Footage	m	dip Corrected	Az	ft Footage	m	Dip Corrected	Az	ft Footage	m	Dip Corrected	Az
397	121.0	-90^o	347.5^o	1608	490.1	-90^o	264.5^o	2788	849.8	-88^o	124^o
887	270.4	-89^o	96.5^o	2002	610.2	-90^o	178^o	3208	977.8	-90^o	116^o
1177	358.7	-89^o	146.0^o	2388	727.9	-90^o	85.5^o				

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
0.00	9.1m	Overburden Triconed Casing to 9.7m	
9.1m	12.9	QUARTZ MONZONITE PORPHYRY: OXIDIZED 6b Minor hornfels is associated with the QMP. The core is very strongly broken and there appears to be about 70% recovery. At 12.2m there is a 15cm inclusion of biotite hornfels. At 12.9m there is a contact with hornfels below. The angle is 45^o to the CA. The QMP is composed of 40-70% 1-5mm sericitic feldspar phenocrysts, 3-5% 2-4mm qtz eyes, 1-3% sericitic biotite phenocrysts and 3-4% fine-grained disseminated pyrite in a siliceous matrix. The QMP is moderately silicified and has a moderate to occasionally good qtz stockwork. Veins are generally < 5mm and weakly mineralized. Veins are weakly vuggy possibly due to leaching of pyrite. No Ferrimolybdite is noted. Oxidation is very strong to 12.1m and although present below is decreasing in concentration. Oxidation occurs as selvages to fractures. Sufficient fractures are present that 90% of the rock is oxidized. 11.4m 2mm qtz vein 20^o to C.A. Moly in vein. Also noted throughout is yellow limonite and possibly jarosite.	9.1-12.9 0.05% MoS_2 & 3-5% Py
12.9m	85.30m	FINE-GRAINED MODERATELY FOLIATED DARK BROWN BIOTITE HORNFELS 4 Minor inclusions of QMP are present. 12.9 - 14.6m Broken Core 16.2 - 17.1m Broken Core with a 3cm gouge at 16.8m. Gouge is at 40^o to CA. Weak hematite oxidation is noted to 20m and is restricted to coatings along fractures. Abundant yellow limonite and possibly jarosite is noted along fractures to 34m. 13.9 - 14.6m Inclusion of sericitic QMP. Contacts are broken. 12.9 - 31m Foliation is weak to moderate at 20^o - 40^o to CA. Below 31m Foliation is well developed at 60^o to CA. The hornfels is very strongly fractured with many of the fractures being healed.	

ROD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS MoS_2	Cu	Pb	Zn	W
4	W0986	9.1	12	2.9	.044	72	22	38	2
17	87	12	15	3	.035	98			< 2
39	88	15	18	3	.022	162	18	44	2
52	89	18	21	3	.036	202			< 2
43	W0990	21	24	3	.030	278	20	44	< 2
33	91	24	27	3	.025	180			< 2
10	92	27	30	3	.029	218	24	42	2
7	93	30	33	3	.014	418			< 2
5	94	33	36	3	.030	390	26	60	3
17	95	36	39	3	.041	258			< 2
25	96	39	42	3	.028	314	18	48	2
12	97	42	45	3	.048	340			2
24	98	45	48	3	.040	360	16	60	< 2
52	99	48	51	3	.033	316			3
25	W1000	51	54	3	.041	280	14	62	< 2
24	01	54	57	3	.045	180			< 2
61	02	57	60	3	.065	190	16	70	2
26	03	60	63	3	.038	122			< 2
33	04	63	66	3	.042	174	20	84	2
43	05	66	69	3	.052	322			< 2
16	06	69	72	3	.039	174	20	84	3
15	07	72	75	3	.124	290			3
44	08	75	78	3	.080	120	12	66	< 2
7	09	78	81	3	.014	246			2
38	W1010	81	84	3	.020	350	42.	150	< 2
38	11	84	87	3	.033	96			< 2
62	12	87	90	3	.021	122	12	80	< 2
70	13	90	93	3	.018	78			2
39	14	93	96	3	.014	96	10	60	< 2
36	15	96	99	3	.032	224			3
55	16	99	102	3	.026	270	18	50	< 2
52	17	102	105	3	.053	276			< 2
50	18	105	108	3	.055	80	14	34	< 2
31	19	108	111	3	.048	42			2
70	W1020	111	114	3	.030	82	20	66	3
16	21	114	117	3	.054	122			2
68	22	117	120	3	.047	122	22	60	2
50	23	120	123	3	.084	88			< 2
22	24	123	126	3	.049	44	16	48	2
43	W10 25	126	129	3	.029	90			24

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
12.9m	85.30m	CONT/	
		Three principal fracture directions are noted: 0° - 20°, 45° and >60° to CA	12.9 - 85.3m up to 0.05% MoS_2 & 4-7% Py. Short 1m sections have ≻ 0.10% MoS_2
		19.3m 3cm qtz vein 20° to CA. Trace pyrite.	
		19.6m 10cm qtz bleb. Trace pyrite	
		22.4 - 22.65m Several irregular inclusions of QMP. Trace moly is associated.	
		24.5m 3cm qtz vein 60° to CA. Minor moly in vein selvages.	
		26.65 - 29.0m Inclusion of weakly chloritic QMP. Lower contact is in a fault gouge.	
		28.4 - 20.2m Mainly fault gouge at 30° to CA. Abundant graphite is associated. The fault gouge is mainly clay with < 1cm inclusions of qtz & hornfels within it.	
		30.2 - 34.4m Strongly broken hornfels with 20cm of gouge at 33.6m. Fault gouge is at 60° to CA.	
		34.4 - 36.3m Fault gouge at 30° to CA. Gouge is ≈ 70% of core. Minor qtz and hornfels occur as inclusions in the fault gouge.	
		37.0 - 39.6m Broken Core	
		37.7m 50cm inclusion of weakly chloritic QMP. There is a 4cm qtz fragment in the QMP with moly. The moly occurs along fractures in the qtz.	
		40.8 - 42.0m Broken Core	
		42.7 - 47.2m Mainly Broken Core	
		From 41.1 - 43.8m Sericitic QMP with < 10% hornfels. The QMP is a pale greenish gray in colour and has a weak qtz stockwork with weak moly associated.	
		42.3m Qtz vein on core surface for 15cm. Moly occurs in vein selvage.	
		43.8 - 57.5m Sericitic and biotite hornfels with 10 - 30% sericitic QMP inclusions.	
		45.6m Oxidized pyrite on a fracture as a late growth on the fracture surface.	
		49.4m Fracture 20° to CA with trace CPy and bornite?	
		52.0 - 52.4m Fault gouge zone at 40° to CA.	
		52.6m Fracture at 10° to CA with a 1mm coating of moly.	
		54.2m 3mm qtz vein 30° to CA. Moly and pyrite in vein.	
		57.5 - 53.2m QMP with 25% biotite and sericitic hornfels as inclusions. The QMP has a weak qtz stockwork, however it is strongly silicified.	
		57.7m Several 1mm qtz veins with moly.	
		58.5m 3cm qtz vein in a hornfels inclusion. Vein is at 10° to CA and is barren.	
		Noted throughout this section is that a number of the qtz veins are weakly vuggy.	
		59.4 - 59.8m Fine-grained siliceous intermineral dike. Upper contact is 45° - 50° to CA. L.C. is in broken core. Unit has a very weak qtz stockwork, however trace moly is associated.	

ROD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2	Cu	Pb	Zn	W
76	W1026	129	132	3	.069	84	24	52	< 2
63	27	132	135	3	.016	66			3
37	28	135	138	3	.002	10	38	40	5
27	29	138	141	3	.002	16			6
37	W1030	141	144	3	.002	10	38	36	5
75	31	144	147	3	.002	8			5
54	32	147	150	3	.001	106	34	54	< 2
42	33	150	153	3	.001	6			< 2
16	34	153	156	3	.031	42	32	56	2
48	35	156	159	3	.023	60			3
73	36	159	162	3	.036	48	20	66	< 2
82	37	162	165	3	.025	180			< 2
48	38	165	168	3	.088	46	156	88	< 2
52	39	168	171	3	.035	96			< 2
36	W1040	171	174	3	.036	84	48	76	2
15	41	174	177	3	.002	156			< 2
43	42	177	180	3	.001	316	312	576	< 2
58	43	180	183	3	.001	170			< 2
40	44	183	186	3	.001	146	152	156	< 2
43	45	186	189	3	.001	98			< 2
25	46	189	192	3	.001	56	36	94	< 2
22	47	192	195	3	.001	56			8
47	48	195	198	3	.001	8	20	58	< 2
42	49	198	201	3	.001	4			< 2
16	W1050	201	204	3	.002	6	32	14	2
67	51	204	207	3	.001	40			< 2
26	52	207	210	3	.001	100	34	154	5
53	53	210	213	3	.001	54			< 2
46	54	213	216	3	.001	8	14	72	55
38	55	216	219	3	.002	10			32
72	56	219	222	3	.002	130	22	94	< 2
27	57	222	225	3	.001	40			< 2
58	58	225	228	3	.002	78	24	422	< 2
45	59	228	231	3	.009	135			< 2
69	W1060	231	234	3	.117	248	20	56	2
54	61	234	237	3	.087	242			< 2
95	62	237	240	3	.081	212	16	56	2
82	63	240	243	3	.032	234			3
63	64	243	246	3	.061	66	24	44	< 2
61	65	246	249	3	.098	58			< 2
32	66	249	252	3	.063	120	18	46	2
42	67	252	255	3	.067	80			< 2
83	68	255	258	3	.050	68	22	48	3
62	69	258	261	3	.065	62			< 2
93	W1070	261	264	3	.037	184	10	44	< 2
89	71	264	267	3	.064	128			< 2
85	72	267	270	3	.074	92	20	48	< 2
74	73	270	273	3	.053	194			2
59	74	273	276	3	.061	180	24	56	< 2
71	75	276	279	3	.031	166			2
80	76	279	282	3	.046	110	44	72	2
46	77	282	285	3	.067	48			< 2
71	78	285	288	3	.082	102	64	62	< 2
54	W10[illegible]9	288	291	3	.045	96			< 2

A.C.P.C.L. ING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO 82-30 Page 3

FOOTAGE From	FOOTAGE To	DESCRIPTION
12.9m	85.3m	Cont'd 59.9m 10-15cm qtz vein 20° to CA. Trace pyrite 59.5 - 59.9m Broken Core 60.7 -62.8m Mainly broken core. 62.6m Fracture at 60° to CA with a thin coating of moly. 63.2m 3mm qtz vein 50° to CA. Moderate moly in vein. 63.2 - 75.8m Mainly biotite and sericitic hornfels with minor QMP inclusions. 67.0m 50cm of gouge and very strongly broken core at 45° to CA. 67.7m 3mm qtz vein 60° to CA. Vein is in a QMP inclusion and has good moly. 68.69m 1cm vuggy qtz vein 30° to CA. Trace pyrite. 68.7 - 68.95m Fault gouge zone at 40° to CA. 68.95 - 69.45m Broken core, weak oxidation on fracture surfaces. 70.6 - 71.85m and 72.5 - 74.4m Broken core with weak oxidation on fracture surfaces. 72.0 - 72.5m Very strongly silicified sericitic hornfels. 72.4m Irregular and broken 4mm qtz vein with good moly. 74.6m & 74.8m Two subparallel qtz veins both 5mm in width and 45° - 50° to CA. Both veins have offset movement and good moly in selvages. 74.7m 1 - 1.5cm qtz vein 10° to CA. Vein is cut by both veins above. Vein has offset movement and only part of vein is present. There is moly in vein selvage. 75.8 - 76.8m Sericitic QMP with better than average qtz stockwork and with better than 0.10% MoS_2. 76.0m 1-2mm qtz vein 30° to CA. Vein has offset movement and good moly. 76.2m 2cm qtz vein 60° to CA. Good moly in vein selvage. 76.6m 3mm qtz vein 45° to CA. Good moly in vein. 76.8 - 82.0m Biotite Feldspar Porphyry. Lower contact in broken core. The Dike is intermineral and consists of 30 - 50% 2-5mm weakly sericitic feldspar phenocrysts, only trace visible qtz eyes, and 5 - 10% 2-4mm fresh looking, black, biotite phenocrysts in a brown to black felty biotite matrix. Unit has a few qtz ± pyrite ± moly veins and a number of < 1 to 1mm qtz veins which are barren. 78.05 - 82.3m Broken core with weak to moderate oxidation. 82.0 - 85.3m Biotite and sericitic hornfels. Unit is very siliceous. Lower contact with QMP is sharp but irregular.
85.3m	103.35m	FINE-GRAINED TO MEDIUM-GRAINED CHLORITIC QMP: 6a The QMP is composed of 40 - 60% nebulous looking 2 - 5mm relatively fresh looking feldspar phenocrysts, 3 - 6% 1 - 4mm chloritic biotite phenocrysts ≲ 5% 2 - 5mm qtz eyes in a fine-grained siliceous and chloritic matrix. The QMP is a grayish green in colour. The rock is quite competent. The majority of the fractures are > 70° to CA, however, a few are 0° - 30° to CA.

% Mineralization RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS MoS_2	Cu	Pb	Zn	W
25	W1080	291	294	3	.096	66	88	72	< 2
15	81	294	297	3	.092	136			≤ 2
42	82	297	300	3	.075	186	38	48	2
22	83	300	303	3	.065	56			< 2
30	84	303	306	3	.055	58	80	50	< 2
33	85	306	309	3	.024	108			3
55	86	309	312	3	.075	162	42	58	2
69	87	312	315	3	.055	120			2
30	88	315	318	3	.041	308	38	52	≤ 2
37	89	318	321	3	.066	232			2
0	W1090	321	324	3	.059	178	220	244	< 2
15	91	324	327	3	.045	328			2
0	92	327	330	3	.063	118	366	466	< 2
0	93	330	333	3	.034	149			< 2
3	94	333	336	3	.050	66	72	52	< 2
12	95	336	339	3	.051	48			2
11	96	339	342	3	.001	10	36	20	< 2
0	97	342	345	3	.001	200			< 2
29	98	345	348	3	.001	54	42	30	< 2
47	99	348	351	3	.001	218			5
18	W1100	351	354	3	.001	788	68	684	4
40	02	354	357	3	.001	736	52	140	< 2
32	01	357	360	3	.045	72			< 2
17	03	360	363	3	.054	92			< 2
32	04	363	366	3	.061	44	196	224	< 2
71	05	366	369	3	.098	64			2
42	06	369	372	3	.052	70	232	148	< 2
13	07	372	375	3	.124	32			2
43	08	375	378	3	.069	164	284	208	< 2
63	09	378	381	3	.077	42			3
15	W1110	381	384	3	.055	46	68	66	18
0	11	384	387	3	.047	86			8
0	12	387	390	3	.236	64	300	292	19
7	13	390	393	3	.086	120			25
50	14	393	396	3	.122	50	50	70	< 2
73	15	396	399	3	.043	60			60
78	16	399	402	3	.067	56	136	150	22
71	17	402	405	3	.137	36			16
58	18	405	408	3	.074	38	136	116	< 2
79	19	408	411	3	.050	104			6
83	W1120	411	414	3	.128	46	158	116	30
91	21	414	417	3	.091	40			55
78	22	417	420	3	.083	32	84	100	65
76	23	420	423	3	.124	104			15
57	24	423	426	3	.045	46	88	100	9
64	25	426	429	3	.083	118			18
100	26	429	432	3	.104	84	82	124	8
70	27	432	435	3	.115	28			110
72	28	435	438	3	.185	24	46	68	45
83	29	438	441	3	.160	50			95
52	W1130	441	444	3	.164	26	52	96	40
77	31	444	447	3	.120	44			4
44	32	447	450	3	.080	34	28	62	2
15	W1133	450	453	3	.094	114			20

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization
85.3m	103.35m	Cont'd The qtz stockwork is quite weak with the majority of the qtz veins being < 2mm in width. Trace moly is noted in a number of the veins, and often the veins have pyrite. Noted throughout this section is that a number of veins and fractures have a 1 - 3mm selvage where many of the feldspar phenocrysts have been altered to a soft white mineral, kaolinite. At least 3 ages of veins are present. 88.2m 1cm qtz vein 60° to CA. Barren. 88.4m 5mm qtz vein 5° to CA. Good pyrite in vein 90.5m 1cm qtz vein 70° to CA. Trace moly in vein selvages. 91.1m Fracture 30° to CA. Trace moly as coating. 91.8m 3mm qtz vein 45° to CA. Trace moly. 97.1 - 100.4m Weak sericitic alteration overprinting the chloritic alteration. 93.9 - 94.8m Broken core. 97.1 - 99.2m Broken core. 97.3m 8mm qtz vein 70° to CA. Barren. 97.55m 5mm qtz vein 50° to CA. Moly in vein selvage. 98.8m Several fractures in broken core with moly coatings. 99.0m 2-3mm Native copper on a fracture. 99.2m 5mm qtz vein 20° to CA. 50 - 70% of vein is pyrite. 102.5m 6mm qtz vein 40° to CA. Barren. Noted throughout this section is that the chlorite alteration in the matrix tends to obscure the feldspar phenocrysts, thus giving the rock the appearance of being finer grained. L.C. at 103.35m is not distinct.	85.3 - 103.35m 0.05% MoS_2 or less & 4-5% Py.
103.35m	110.3m	QUARTZ MONZONITE PORPHYRY: SERICITIC ALTERATION 6b The QMP is a pale cream gray to greenish gray, and is composed of 40 - 60% 2 - 6mm sericitic feldspar phenocrysts, 1 - 3% 2-4mm often indistinct qtz eyes, 3 - 4% sericitic biotite phenocrysts and 3 - 5% pyrite in a fine-grained and very siliceous groundmass. The QMP has a moderate qtz stockwork and what appears to be slightly better moly associated. 104.1m 3mm pyrite vein at 30° to CA and cut by a 3 - 4mm qtz vein with trace pyrite at 30° to CA. 104.5m 1cm qtz vein 20° to CA. Moderate moly in vein selvage. 105.0 - 105.5m Several < 1mm stringers of qtz with moly down the CA. 105.95m 6 - 8mm qtz vein 40° to CA. Vein is vuggy & has trace pyrite. 106.8m 8mm qtz vein 30° to CA. Trace moly and pyrite. 103.3m 3 - 5mm qtz vein 10° to CA. Trace moly and pyrite in vein. 110.0m 3mm qtz vein 30° to CA. Strong moly in vein selvage. 110.3m Lower contact sharp at 20° to CA.	* NQ core starts 103.35-110.3m 0.05-0.08% MoS_2 & 2-4% Py

ROD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2	Cu	Pb	Zn	W
18	W1134	453	456	3	.086	102	24	28	6
35	35	456	459	3	.086				6
54	36	459	462	3	.048	72	30	72	90
20	37	462	465	3	.140	36			8
28	38	465	468	3	.139	28	28	90	6
67	39	468	471	3	.060	26			< 2
63	W1140	471	474	3	.079	28	34	66	< 2
95	41	474	477	3	.117	28			< 2
66	42	477	480	3	.147	24	33	88	< 2
92	43	480	483	3	.127	42			< 2
69	44	483	486	3	.123	40	28	32	3
39	45	486	489	3	.105	44			8
94	46	489	492	3	.058	48	36	46	3
70	47	492	495	3	.073	50			< 2
82	48	495	498	3	.147	148	24	34	< 2
68	49	498	501	3	.180	78			< 2
67	W1150	501	504	3	.104	54	22	40	2
74	51	504	507	3	.077	76			< 2
56	52	507	510	3	.338	48	18	30	2
50	53	510	513	3	.143	60			< 2
45	54	513	516	3	.151	92	32	74	< 2
54	55	516	519	3	.107	50			< 2
56	56	519	522	3	.149	64	24	28	< 2
65	57	522	525	3	.155	150			< 2
72	58	525	528	3	.089	58	20	32	< 2
64	59	528	531	3	.077	86			< 2
54	W1160	531	534	3	.081	46	19	36	3
77	61	534	537	3	.080	78			2
88	62	537	540	3	.070	165	14	34	< 2
83	63	540	543	3	.058	275			< 2
88	64	543	546	3	.050	264	21	46	< 2
39	65	546	549	3	.085	210			< 2
76	66	549	552	3	.061	223	26	45	5
62	67	552	555	3	.045	296			2
29	68	555	558	3	.041	245	22	54	< 2
43	69	558	561	3	.039	212			< 2
53	W1170	561	564	3	.112	208	17	42	4
55	71	564	567	3	.084	134			5
54	72	567	568.8	1.8	.165	64	23	36	2
54	73*	568.8	573	4.2	.039	118			< 2
15	74	573	576	3	.004	500	62	850	< 2
25	75	576	579	3	.009	690			< 2
45	76	579	582	3	.045	284	85	248	2
64	77	582	585	3	.067	286			< 2
72	78	585	588	3	.068	220	22	68	< 2
83	79	588	591	3	.062	258			< 2
97	W1180	591	594	3	.040	252	23	62	2
100	81	594	597	3	.075	110			2
82	82	597	600	3	.038	160	18	84	< 2
76	83	600	603	3	.086	125			3
82	84	603	606	3	.082	144	27	61	< 2
91	85	606	609	3	.120	62			< 2
82	86	609	612	3	.051	117	24	49	< 2
58	W1187	612	615	3	.088	68			2

FOOTAGE From 110.3m To 131.0m

BIOTITE AND SERICITE HORNFELS WITH < 5% QMP INCLUSIONS 4, 3

The hornfels are pale cream to dark brown in colour and are weakly foliated at 30 - 50° to the CA. The hornfels are strongly silicified, however only a weak qtz stockwork is associated.

114.0 - 114.5m Broken core
114.9 - 116.5m Broken core

Weak oxidation on fracture surfaces is noted from 113.7 - 117.4m

110.75m 1cm qtz vein 90° to CA. Barren. Vein is cut by a 5mm qtz vein down CA for 40cm. This vein is also barren.
113.4m Irregular and barren 5cm qtz vein 20° - 40° to CA is cut by a 1cm qtz and carbonate and pyrite vein at 10° to CA. Both veins have offset movement.
116.7 - 117.3m ≈ 70% Sericitic QMP.
118.25m 3mm qtz vein 85° to CA with moderate moly in vein selvage. Vein has been cut and offset by a 1 - 3mm qtz and carbonate vein 5 - 10° to CA.
120.1m 1cm qtz vein 60° to CA. Trace pyrite.
122.1m qtz vein on core surface for 30cm, trace pyrite.

Lower contact at 131.0m is sharp at 40° to CA.
123.4 - 124.2m Sericitic QMP
128.3 - 129.0m Sericitic QMP
123.9m 8mm qtz vein 90° to CA. Trace moly.

The last 1.8m of this section is mainly sericitic hornfels,

% Mineralization: 110.3-131.0m 0.05% MoS_2 or less & 2 - 4% Py

FOOTAGE From 131.0m To 153.4m

QUARTZ DIORITE PORPHYRY DIKE 8

The dike is a grayish green in colour and fairly homogenous throughout. The majority of the unit is chloritic, however sections are sericitic. It is composed of 40 - 70% white feldspar phenocrysts (pale cream when sericitic). Two sizes are present, 3 - 6mm and < 1.5mm. The abundance of the larger ones vary throughout. The Dike has 2 - 5% 2 - 4mm often indistinct qtz eyes, 2 - 4% 1 - 3mm biotite phenocrysts, now altered to either chloritic or sericite. The matrix is fine-grained siliceous and either chloritic or sericitic. The Dike has only 2 - 3% fine-grained and disseminated pyrite. There are no qtz veins in the dike and no visible moly noted. There are, however, a number of < 1 to 2mm carbonate stringers throughout.

131.9 - 132.3m Irregular inclusion of hornfels with qtz. About 30% of the 40cm is hornfels, the rest is dike. There is minor moly associated with the qtz in this hornfels inclusion.

The dike is moderately to locally strongly fractured, with fractures at 0° - 20° to CA as well as abundant fractures at 40° - 80° to CA. Most fractures are irregular and slippery, often with a coating of carbonate, and trace pyrite associated. Trace amounts of iron oxide are also present.

% Mineralization: 131.0 - 153.4m No visible moly & 2-3% Py

RQD	Sample No.	Footage From	Footage To	Length	MoS_2	Cu	Pb	Zn	W
50	W1188	615	618	3	.045	98	22	50	< 2
70	89	618	621	3	.117	130			< 2
76	W1190	621	624	3	.059	128	21	50	< 2
32	91	624	627	3	.067	50			< 2
54	92	627	630	3	.048	39	24	118	2
78	93	630	633	3	.062	66			2
71	94	633	636	3	.042	47	29	56	5
47	95	636	639	3	.082	46			< 2
54	96	639	642	3	.054	84	90	98	< 2
69	97	642	645	3	.064	152			2
68	98	645	648	3	.351	56	19	55	< 2
64	99	648	651	3	.142	66			< 2
55	W1200	651	654	3	.142	75	24	69	< 2
76	01	654	657	3	.035	143			< 2
78	02	657	660	3	.059	61	20	27	60
35	03	660	663	3	.088	73			< 2
43	04	663	666	3	.116	72	16	28	< 2
47	05	666	669	3	.077	48			< 2
15	06	669	672	3	.004	22	24	37	< 2
12	07	672	675	3	.003	18			< 2
11	08	675	678	3	.060	58	18	49	< 2
18	09	678	681	3	.072	89			2
41	W1210	681	684	3	.039	123	40	58	< 2
52	11	684	687	3	.049	98			3
40	12	687	690	3	.052	44	14	29	< 2
43	13	690	693	3	.003	18			2
11	14	693	696	3	.001	16	20	53	2
12	15	696	699	3	.032	47			3
28	16	699	702	3	.043	87	16	29	< 2
27	17	702	705	3	.023	66			< 2
5	18	705	708	3	.037	89	14	30	< 2
18	19	708	711	3	.031	79			< 2
18	W1220	711	714	3	.058	180	16	38	3
45	21	714	717	3	.023	131			2
20	22	717	720	3	.047	105	20	39	2
69	23	720	723	3	.016	182			6
97	24	723	726	3	.001	10	34	18	< 2
68	25	726	729	3	.001	4			< 2
68	26	729	732	3	.001	6	24	15	< 2
90	27	732	735	3	.002	28			2
36	28	735	738	3	.050	123	60	93	28
55	29	738	741	3	.025	213			3
52	W1230	741	744	3	.044	280	18	119	< 2
40	31	744	747	3	.020	282			15
85	32	747	750	3	.038	360	17	70	2
97	33	750	753	3	.030	289			< 2
63	34	753	756	3	.018	283	24	62	3
81	35	756	759	3	.054	325			< 2
77	36	759	762	3	.016	394	24	297	65
94	37	762	765	3	.020	447			20
67	38	765	768	3	.012	585	52	292	22
87	39	768	771	3	.017	274			< 2
91	W1240	771	774	3	.025	378	82	108	< 2
97	W1241	774	777	3	.012	425			< 2

A.C.P.C.L. - ...ING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN | HOLE NO. RMY 82-30 |

FOOTAGE From	FOOTAGE To	DESCRIPTION
173.9m	229.9m	Cont'd There is slight colour changes parallel to the foliation. The unit at times has a red tinge and is probably due to iron. The dike has no phenocrysts, no qtz vein, no pyrite and no visible moly. The dike is easily fractured parallel to foliation. Minor carbonate stringers cut the dike. Below 204.7m the qtz diorite porphyry continues. 207.6 - 208.9m Fault gouge at 20^{o} to CA. From 207.5 - 209.5m Strong sericitic alteration. Below 209.5m chlorite alteration is again dominant. 224.5m 3 - 5mm carbonate vein 20^{o} to CA. Vein is barren. 221.9 - 222.6m Strongly broken core. 225.4m 45cm of broken core. The last 1.5m of unit is finer-grained and has both sericitic and chloritic alteration. Lower contact is 50cm of fault gouge at 30^{o} to CA.
229.9m	319.7m	A MIXTURE OF FOLIATED SERICITE AND BIOTITE HORNFELS 3, 4 There are only very few inclusions of QMP in the hornfels. Foliation in the hornfels is usually between 20^{o} - 40^{o} to the CA. Foliation is enhanced by alternating mafic rich and mafic poor bands. From 229.4 - 230.4m Fault gouge zone at 30^{o} to CA. 230.4 - 232.9m Sericitic hornfels with strong sericitic alteration and silicification. 232.9 - 235.05m A mixture of biotite and sericitic hornfels. 235.05 - 237.0m Massive chloritic QMP. Upper contact is at 25^{o} to CA, lower contact is at 20^{o} to CA. The hornfels are moderately to strongly silicified and have a weak qtz stockwork. However, the stockwork present appear to have better moly associated than in the hornfels encountered earlier in this hole. 230.7m 4cm qtz vein 45^{o} to CA. Vein is barren. 231.1m Cross-cutting qtz veins. 4mm qtz vein at 0^{o} to CA for 30cm. Vein has offset movement and moderate moly. Vein is cut by a 4 - 5mm qtz vein at 90^{o} to CA. Vein has moderate moly. 232.0 - 232.2m Good moly occurring as irregular stringers in a weak fault gouge zone at 25^{o} to CA. Moly is in 1 - 3mm qtz veins with numerous offsets in the fault gouge. 232.5m 2cm qtz vein 25^{o} to CA. Trace pyrite. 233.5m Fracture at 45^{o} to CA. Fracture has a good coating of moly. The QMP at 235.05 - 237.0m has weak to moderate chlorite alteration. The feldspar phenocrysts and some of the biotite phenocrysts are fresh looking.

% Mineralization	RQD	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	MoS_2	Cu	Pb	Zn	W
	81	W1296	939	942	3	.009	256	24	75	8
	97	97	942	945	3	.003	162			2
	89	98	945	948	3	.011	244	15	278	8
	91	99	948	951	3	.002	407			15
	60	W1300	951	954	3	.002	345	24	240	19
177.9-229.9m	72	01	954	957	3	.007	372			11
No visible	25	02	957	960	3	.007	402	57	590	80
MoS_2 &	58	03	960	963	3	.005	1040			98
2 - 3% Py	31	04	963	966	3	.003	540	84	716	60
	67	05	966	969	3	.004	336			2
	29	06	969	972	3	.010	340	40	330	87
	32	07	972	975	3	.009	290			6
	70	08	975	978	3	.013	241	18	119	3
	59	09	978	981	3	.015	365			2
	51	W1310	981	983.3	2.3	.007	244	17	80	3

W1310 is End of Hole

From	To	DESCRIPTION	Mineralization	SAMPLE NO.	From	To	Length	ASSAYS
229.9m	319.7m	Cont'd						
		The QMP has only a weak qtz stockwork, most of the veins are < 2mm. There are at least 3 ages of qtz veins. Many of the qtz veins have some moly associated, however only a few have appreciable moly.						
		235.2m 2 - 4mm qtz vein 5° to CA. Vein has gypsum associated; and moly in vein selvages.						
		236.7m 1cm qtz vein down CA for 30cm. Trace moly in vein selvages.						
		The QMP has 2 - 3% disseminated and stringer pyrite.						
		237.0 - 243.0m A mixture of biotite and sericite hornfels foliation is at 20° - 30° to CA. The hornfels are strongly silicified and there is a weak qtz stockwork.						
		237.25m 1 - 4mm qtz vein 10° to CA. Good moly in vein.						
		237.9m 2 - 4mm qtz vein 5° to CA. Good moly in vein.						
		Noted throughout this section are <1 to 2mm pyrite veinlets & stringers.						
		240.0m 5 - 7mm qtz vein 45° to CA. Weak moly and pyrite in vein.						
		241.7m 2mm qtz vein 30° to CA. Good moly in vein.						
		243.0 - 252.8m Sericite hornfels. Section is strongly silicified.						
		243.45m 1cm qtz vein 30° to CA. Weak moly in vein.						
		244.1m 5 - 8cm qtz vein 20° to CA. Trace pyrite.						
		244.2m Fracture at 25° - 30° to CA. Good moly coating.						
		245.5m 4 - 6mm qtz vein 25° - 30° to CA. Weak moly in vein. Vein has offset movement.						
		245.7 - 246.1m 2 - 3mm gypsum vein down CA.	229.9 - 256.0m					
		246.7m 4mm late qtz and pyrite vein with trace moly at 5° to CA.	0.05 - 0.10% MoS_2					
		248.7m 1 - 1.5cm qtz vein 45° to CA. Moderate moly in vein.	& 3 - 5% Py					
		248.85m 3mm qtz vein 35° to CA. 2mm seam of moly in vein.						
		248.97 - 249.35m Sericitic QMP inclusion.						
		249.2m 5mm qtz vein 20° to CA. Moly and pyrite in vein.						
		251.4m 1mm gypsum vein 20° to CA.						
		254.7m 1.5cm qtz vein 30° to CA. Moderate moly in vein						
		255.8m 4mm pyrite vein down CA for 30cm.						
		256.1m 1.5cm qtz vein 30° to CA. Disseminated moly in vein.						
		259.9m 2 - 3mm qtz vein 45° to CA. Good moly in vein.						
		260.4m 1 - 1.5cm qtz vein 20° to CA. Moderate disseminated moly in vein.						
		260.85m 5mm qtz vein 45° to CA. Moderate moly in vein.						
		252.8 - 274.0m Mixed biotite and sericitic hornfels.						
		264.25m 5mm qtz vein 60° to CA. Good moly in vein.						
		264.45m 4mm qtz vein 45° to CA. Good moly in vein.						
		264.2 - 265.1m 2mm late qtz and pyrite vein down core axis.						
		266.9m 2mm qtz vein 5° to CA. Moderate moly in vein.						
		267.9m Trace fluorescent mineral on a fracture with calcite, epidote, pyrite and a purple mineral, probably Amethyst.						
		271.6m 3mm qtz vein 30° to CA. Moderate moly in vein.						

Footage From	Footage To	Description	% Mineralization	Sample No.	Footage From	Footage To	Length	Assays
229.9m	319.7m	Cont'd						
		274.4m Crosscutting qtz veins; a 5mm qtz vein at 30° to CA and with moderate moly. Vein is cut by a 1cm qtz vein 20° to CA. Vein has good moly.						
		274 - 284.7m Mixed biotite and sericitic hornfels.						
		276.3m 15cm inclusion of chloritic QMP with a number of < 1cm hornfels inclusions.						
		279.1 - 279.6m Hornfels with strong sericitic alteration.						
		280.2m 1cm qtz vein 35° to CA. Good moly in vein.						
		280.55m Irregular 1cm qtz vein 40° to CA. Weak moly and pyrite in vein.						
		281.2m 1cm qtz vein 35° to CA. Barren.						
		282.2m 8mm qtz vein 10° to CA. Trace pyrite.						
		283.3 - 283.8m Broken core.						
		284.7 - 287.6m Mainly sericitic hornfels.						
		285.1m 1cm qtz vein 15° to CA. Minor pyrite.						
		286.2m 2mm qtz vein 20° to CA. Pyrite and moly in vein.						
		286.6m 1cm qtz vein 30° to CA. Pyrite in vein.						
		287.6 - 291.6m Mixed biotite and sericitic hornfels with sericitic alteration. Within this section at 288.0 - 288.8m there is an inclusion of chloritic QMP.						
		287.7m 2mm qtz vein 30° to CA. Vein has a thick layer of moly.						
		289.4m Fracture 60° to CA with a coating of moly.						
		291.2 - 295.0m Mainly sericitic hornfels.						
		291.6 - 292.6m Broken core.						
		291.75m 1cm qtz vein in the broken core; one selvage of the vein has good moly associated.						
		293.3 - 294.6m Strongly broken core.						
		295.8 - 297.0m Strongly broken core.						
		From 295 - 319.7m there are a number of 1 - 10mm of gouge associated with fractures. These gouges are generally between 45° and 60° to CA.						
		294.65m Vuggy 3cm qtz vein 30° to CA. Moderate moly in vein.						
		295.0 - 298.7m Mainly biotite hornfels.						
		296.65m 1cm qtz vein 20° to CA. Trace moly in vein.						
		297.6m 1cm qtz vein 45° to CA. Weak moly in vein. Vein cuts one at 297.65m.						
		297.65m 7mm qtz vein 85° to CA. Good moly in vein.						
		298.25m 2 - 3mm qtz vein 80° to CA. Good moly in vein.						
		289.7 - 300.9m Broken sericitic hornfels. Section has a fault gouge zone at 299.4 - 288.5m.						
		300.9 - 301.7m Mixed hornfels.						
		301.7 - 302.8m Strongly broken sericitic hornfels.						
		301.5m 2mm qtz vein on core surface for 15cm. Moderate moly and pyrite in vein.						
		302.75 - 303.0m 2mm qtz vein 0° to CA. Moderate moly in vein.						
		302.8 - 310m mixed biotite and sericitic hornfels.	256.0 - 319.7m					
		303.25 - 304.2m Mainly broken core.	≈ 0.05% MoS_2 &					
		305.4m 1cm wide fracture filled with carbonate. Fracture is at 0° - 5° to CA for 55cm.	≈ 5% Py. Short sections will be					
		305.4 - 305.95m Broken core	better than 0.10%					
		306.6 - 307.2m 1cm qtz vein down CA. Barren.	MoS_2					
		308.2m 30cm of broken core.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
229.9m	319.7m	Cont'd 310.0 - 319.7m Mainly sericitic hornfels. 311.0m 10cm fault gouge at 45° to CA. 311.3m 35cm of broken core with gouge at 45° to CA. 312.2m 1cm qtz vein 35° to CA. Vein is vuggy and has moderate moly in its selvage. 313.7m 5 - 8mm qtz vein 15° - 30° to CA. Weak moly in vein. 315.6m 2 - 3cm qtz vein 40° to CA. Minor pyrite in vein. 315.5 - 317.0m Mainly broken core with the last 45cm being fault gouge at 40° - 50° to the CA. 317.7m Crosscutting qtz veins. 1cm qtz vein at 20° to CA with trace pyrite cuts a 5 - 7mm qtz vein at 20° - 30° to CA. This vein also has trace pyrite. 319.5m 6mm qtz vein 45° to CA. Trace moly in the vein.						
319.7m	338.9m	FAULT GOUGE ZONE: COMPOSED OF HORNFELS AND QMP The fault gouge zone is composed of ground sericitic hornfels and sericitic QMP. More than 80% of this section is clay with often ≤ 1cm inclusions of uncrusted rock. Graphite is often associated with the clay. Short sections are not brecciated. In these sections there is only a weak to occasionally moderate qtz stockwork. The QMP has a better stockwork than the hornfels. It is difficult to estimate the moly content of this section, however it is doubtful that it would exceed 0.05 - 0.07% MoS_2. 334.1 - 334.5m A short Aplite dike in the gouge. The dike itself is gouge. 329.2m Irregular 2cm late pink k-spar vein at 85° - 90° to CA. 329.9m Trace moly in a qtz fragment. 331.1 - 331.8m The gouge has been silicified and has a reddish brown tinge, probably due to iron content. From 335 - 338.9m The rock was sericitic QMP. From 335.0 - 336.7m The QMP is strongly broken, however most isn't gouge. 336.0m 1 cm qtz vein 40° to CA. Trace moly in vein.	319.7 - 338.9m ≈0.05 - 0.07% MoS_2 at best and 5% Py					
338.9m	350.5m	APHANITIC PALE GREEN APLITE DIKE 9a The dike is quite similar to the one at 199.2 - 204.7m. The majority of this dike is either gouge or strongly broken. There is no qtz veining, pyrite or moly noted in the dike. Foliation is very weak to not present. When present it is at 30° - 40° to CA. 338.9 - 340.5m Broken core. 340.5 - 341.0m Gouge 341.0 - 342.2m Strongly broken core. 342.2 - 343.8m Gouge. 343.8 - 345.3m An inclusion of qtz diorite porphyry. Dike is strongly broken and has strong sericite alteration. 345.3 - 350.5m An Aplite dike with a broken section at 347.5 - 348.0m.	No visible Moly or Pyrite					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
350.5m	359.1m	QUARTZ DIORITE PORPHYRY: 8										
		The Dike is quite similar in composition to those encountered above. The dike has moderate to strong sericitic alteration and much of it is fairly strongly broken. The unit is composed of 30 - 50% 2 - 4mm sericitic feldspar phenocrysts, 3 - 5% 2 - 4mm qtz eyes and 2 - 4% sericitic biotite phenocrysts in a fine-grained siliceous matrix.	350.6 - 359.1m No visible MoS_2 & 3 - 5% Py									
		Broken sections occur at 350.5 - 351.1m, 351.6 - 352.3m, 352.9 - 355.2m and 358.4 - 359.1m. Core recovery is about 90% in the broken gouge. Throughout the dike a few carbonate stringers are noted.										
		The dike has no qtz stockwork and no visible moly. Pyrite is present as disseminations and as coating on some of the fracture surfaces.										
359.1m	380.6m	QUARTZ MONZONITE PORPHYRY: VARIABLE ALTERATION 6b, 6a										
		The majority of this section has sericitic alteration with irregular patches chloritic alteration. It appears the sericitic alteration is overprinting the chloritic alteration.										
		The QMP has a number of broken sections some of which have gouge associated. These broken sections occur at: 360.5 - 363.0m; The first 110cm and the last 40cm are fault gouge. 364.5 - 366.4m, 371.5 - 373.7m; this section is about 60% gouge, 374.3 - 376.9m and 378.45 - 379.3m.										
		Alteration of feldspar to kaolinite is noted in the strongly broken zones.										
		The QMP is composed of 4o% - 70% often sericitic feldspar phenocrysts, 2-5% qtz eyes and 2-4% sericitic biotite phenocrysts in a fine-grained and sericitic matrix. Irregular patches of QMP have fresher looking feldspar phenocrysts, fresh to chloritic biotite and in dark green chlorite matrix.	359.1 - 380.6m 0.10 - 0.15% MoS_2 & 3-4% Py									
		There are a few minor inclusions of hornfels in the QMP. 359.45m 10 cm inclusion of sericitic hornfels.										
		The QMP is strongly silicified and has a moderate qtz stockwork, and is moderately mineralized with moly. A number of qtz veins are vuggy. There are at least 3 ages of qtz veining, as well as a late set of qtz and pyrite veins. 359.7m 1cm qtz vein 45^{o} to CA. Good moly in vein. 364.0m 2mm qtz vein 70^{o} to CA. Good moly in vein. 364.2m 1cm qtz vein 70^{o} to CA. Trace moly. 364.3m 1cm qtz vein 20^{o} to CA. Vein has offset movement. Vein has trace pyrite and is cut by vein at 364.2m. 368.2m 20cm of gouge at 45^{o} to CA.										
		From 364.5 - 366.9m Stronger chlorite alteration and a weaker qtz stockwork.										

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
359.1m	380.6m	Cont'd										
		365.65m Fracture at 20° to CA with a thick coating of moly. 367.35m Irregular vuggy qtz vein on core surface for 15cm. Vein is barren. 367.5 - 367.9m Several irregular fractures at 0° and > 45° to CA. These fractures have good coatings of moly. 368.5m 1.5cm vuggy qtz vein 30° to CA. Trace pyrite. In the stronger chloritic sections some of the qtz veins and fractures have narrow < 1cm sericitic selvages.										
		367.9 - 370.5m Strong chlorite alteration. 369.9m Vuggy 3mm qtz vein 45° to CA. Good moly in vein. 370.25m 4mm qtz vein 80° to CA with good moly. Vein is cut by a late 4mm qtz and pyrite vein at 30° to CA. 377.1 - 378.8m Biotite and sericite hornfels. 377.2m Crosscutting qtz veins. 1.5cm qtz vein at 35° to CA. Vein is weakly vuggy and has trace moly. Vein cuts a 1.5cm qtz vein at 75° to CA. This vein is barren. 380.05 - 380.35m Several inclusions of biotite hornfels.										
380.6m	475.1m	QUARTZ MONZONITE PORPHYRY VARIABLE ALTERATION 6a, 6b, Trace 6aP										
		The hornfels inclusions decrease with depth and are up to 1m in length. Foliation in the hornfels inclusions is usually well developed.										
		From 381.6 - 388.9m there is considerable fault gouge composed of both QMP and hornfels. 381.6 - 385.2m QMP as gouge with a strongly broken section at 384.4 - 384.9m. 385.2 - 385.7m Hornfels as gouge 100%. 385.7 - 388.9m QMP as gouge 100%. In these fault gouge zones there is about 80 - 90% recovery of core. The lower contact of the gouge zone at 388.9m is about 20° to CA. 380.6 - 388.9m Mainly sericitic QMP. Below the fault gouge zone from 388.9 - 393.7m the QMP is very strongly broken. Below 393.7m there is only minor broken core.										
		The QMP is composed of 40 - 70% 2 - 5mm sericitic to fresh feldspar phenocrysts, ≈ 5% 3 - 6mm qtz eyes, 3 - 5% sericitic to chloritic biotite phenocrysts in a fine-grained siliceous matrix.										
		The QMP has a moderate to good qtz stockwork. There is often moderate to good moly associated. There are at least 3 ages of qtz and moly veins and one set of late qtz and pyrite ± feldspar, ± galena and ± sphalerite. Only very little pyrite occurs in the qtz and moly veins. Pyrite occurs in late qtz veins, on fractures as stringers and as disseminations in the QMP.										
		Moly occurs in qtz veins in vein selvages and as coatings on some of the fractures.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization / Sample No. / Footage / Assays
380.6m	475.1m	Cont'd	
		Some of the qtz veins are vuggy and below 402m they are increasingly so.	
		Sericitic alteration occurs in the strongly broken and gouge zones as well as in the more massive QMP sections. Chlorite alteration is fairly erratic and occurs in irregular patches, at times up to several meters in length. Trace potassic alteration as flooding is occasionally noted. Sericitic alteration as pervasive flooding is most common and appears to be overprinting the chloritic alteration.	
		388.8m 2cm qtz vein 0° to CA for 40cm. Vein is in broken core. Good moly occurs in vein selvages.	
		389.8m 5mm qtz vein in broken core. Vein has thick moly selvages.	
		393.0m Crosscutting qtz veins. Both are 5mm in width and 25° - 30° to CA. Both have good moly.	
		393.7m 1.4cm qtz vein 80° to CA. Good moly in vein.	
		393.75m 5mm qtz vein 20° to CA. Good moly in vein selvage.	
		388.9 - 393.9m Mixed sericitic and chloritic QMP.	
		393.9 - 396.1m Strong sericitic alteration of QMP.	
		396.1 - 398.0m Mixed chloritic and sericitic alteration of QMP.	
		398.0 - 400.05m Mainly sericitic alteration of QMP.	
		400.05 - 400.9m Biotite hornfels,with the first 15cm being sericitic hornfels.	
		400.9 - 401.75m Sericitic alteration of QMP.	
		410.75 - 402.6m Biotite hornfels.	
		402.6 - 405.2m Mixed alteration of QMP.	
		405.6 - 406.3. Biotite hornfels with Chlorite Alteration.	
		406.3 - 410.6m Mainly sericitic QMP.	
		410.6 - 414.75m Mainly chloritic QMP.	
		414.75 - 417.6m Mainly sericitic QMP.	
		417.6 - 419.1m Mixed Alteration in QMP.	
		419.1 - 421.2m Sericitic QMP.	
		421.2 - 422.5m Chloritic QMP.	
		422.5 - 424.0m Sericitic QMP.	
		395.15m 1.5cm qtz vein 60° to CA. Strong moly in vein selvage. Vein is cut by a 5mm qtz vein at 45° to CA. This vein also has good moly.	
		397.1m Fracture 50° to CA. Moderate moly is associated.	
		398.25m 1cm qtz vein 30° to CA, Moderate moly in vein selvage.	
		399.6m 4cm qtz vein 40° to CA. Vein is barren. Vein cuts a barren 4mm qtz vein at 30° to CA.	
		400.6m 1.5cm qtz vein 50° to CA. Vein is barren.	
		401.1m Crosscutting qtz veins. 4mm qtz vein at 20° to CA and with moderate moly cuts a 1 - 2mm qtz vein at 30° to CA. This vein has good moly.	
		401.2m 1 - 2mm qtz vein 10° to CA, with good moly.	
		401.2 - 401.6m Irregular blebs of strong chlorite development in sericitic QMP.	
		402.4m 1cm qtz vein down CA for 40cm. Vein is barren.	
		403.1 - 404.2m 2cm qtz vein down CA. Vein is barren.	

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
380.6m	475.1m	Cont'd										
		404.0m Potassic alteration as flooding for 5cm.										
		404.2m Fracture at 30° to CA with a good coating of moly.										
		404.4m Fracture at 45° to CA with a good coating of moly.										
		405.15m 3cm vuggy qtz vein 80° to CA. Vein is barren.										
		405.2m 2.5 - 3cm vuggy qtz vein down CA for 40cm. Vein is barren.										
		405.7m 2.5cm qtz vein 30° to CA. Moly in vein selvage.										
		406.0m Vuggy 10cm qtz vein 20° to CA. Barren.										
		406.5 - 407.0m Extremely vuggy qtz vein. Barren. Vein is wider than 6cm and is terminated by fracture offset movement.										
		407.2 - 407.5m Vuggy barren qtz vein at 0° to CA. Vein is probably a continuation of one above.										
		407.6m Vuggy 1cm qtz vein 5° to CA. Trace moly.										
		408.8m Vuggy 1.5cm qtz vein 25° to CA. Vein is barren.										
		409.7m 2cm vuggy qtz vein 20° to CA. Vein is barren. Vein is cut by a 5mm qtz vein at 45° to CA. Vein has moderate moly.										
		410.35m 5mm qtz and feldspar vein 5° - 10° to CA. Vein has pyrite with minor galena and sphalerite.										
		411.25m 3mm vuggy qtz vein 60° to CA. Strong moly in vein selvages.										
		411.4m 2cm vuggy qtz vein 30° to CA. Barren.										
		412.8m Vuggy 8mm qtz vein 30° to CA. Vein has good moly associated.										
		412.9m Crosscutting qtz veins. 2mm qtz vein 20° - 30° to CA with good moly cuts a 3mm qtz vein at 45° to CA. This vein also has good moly. Both veins are vuggy.										
		413.2m 3mm qtz vein 60° to CA. Strong moly in vein.										
		413.45m 5mm qtz vein 50° to CA. Good moly selvages in vein.										
		415.9m 2mm qtz vein 45° to CA. Good moly in vein. Vein is cut by a late qtz and feldspar and pyrite vein.										
		417.3m 1cm late pyrite and feldspar and galena vein at 30° to CA. Only minor qtz in vein.										
		418.3m 1cm qtz vein 30° to CA. Moderate moly in vein.										
		418.95m Vuggy 5mm qtz vein 50° to CA. Strong moly in vein.										
		420.25m Two qtz veins adjacent but not cross cutting. A 1cm qtz vein at 60° to CA and a 5mm qtz vein at 30° - 40° to CA. Both veins have moderate moly and are vuggy.										
		420.7m Irregular late pyrite and qtz vein with sphalerite.										
		420.4m 15cm inclusion of biotite hornfels.										
		421.1m 10cm inclusion of sericitic hornfels.										
		422.8m 3mm qtz vein 45° to CA. Good moly in vein.										
		422.85m 2 - 3mm late pyrite and qtz vein at 5° to CA. Trace galena in vein. Vein has 1 - 2cm strongly sericitic selvage.										
		423.2m 20 - 30cm of strongly broken core.										
		424.0 - 471.0m Continuation of QMP with variable alteration and minor hornfels inclusions.	380.6 - 475.1m $0.10 - 0.15\%$ MoS_2 Short sections are $\geq 0.15\%$ MoS_2 There is 2 - 4% Py in this interval									
		424.0 - 429.0m Mainly chloritic QMP										
		429.0 - 430.5m Mainly sericitic QMP.										
		430.5 - 432.0m Mainly chloritic QMP.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
380.6m	475.1m	Cont'd										
		The QMP is fairly massive with only minor broken sections to 449.2m Many of the fractures are > 40° to the CA; a few are 0° - 20° to the CA. Fractures are mainly irregular and rough.										
		The QMP is strongly silicified and has a moderate to occasionally good qtz stockwork. The number of qtz and pyrite ± feldspar and base metals appear to be increasing. Many of these veins have 1 - 2cm selvages.										
		A number of the qtz moly veins are still vuggy to 428m.										
		423.7m 2 - 5cm qtz vein at 75° to CA. Vein is barren and is cut by a vuggy 1 - 3cm qtz vein at 10° to CA. This vein is also barren. Both veins are cut by a 3 - 4mm late qtz and pyrite vein with galena.										
		424.0m Vuggy 9cm qtz vein 15° to CA. Barren.										
		425.7m Vuggy 8cm qtz vein 10° to CA. Barren. This vein has a 3cm inclusion of pyrite and a 5cm inclusion of feldspar.										
		426.1m 4cm qtz vein 30° to CA. Minor feldspar and pyrite in vein.										
		426.9m 1 - 1.5cm qtz vein 30° to CA. Vein is late and has pyrite, galena, sphalerite and pink k-spar.										
		428.0m Vuggy 1.5cm qtz vein 20° to CA. Barren.										
		428.65m 5mm qtz vein 45° to CA. Strong moly in vein.										
		428.85m 4mm qtz vein 50° to CA. Good moly in vein.										
		429.55m 4cm qtz vein 50° to CA. Barren.										
		430.3m Irregular qtz vein on core surface for 20 cm. Good moly in vein.										
		430.45m Fracture 50° to CA with a coating of moly.										
		431.3m 6mm qtz vein 40° to CA. Vein has pyrite, sphalerite, galena and feldspar.										
		432.0m 3mm qtz vein 50° to CA. Good moly in vein.										
		432.0 - 447.3m Mixed sericitic and chloritic alteration of QMP. Feldspar phenocrysts are at times bleached (ie: altered to Kaolinite).										
		432.45m 30cm inclusion of biotite hornfels.										
		432.90m Two subparallel qtz veins 35° - 40° to CA. 2 - 5mm qtz vein and a 1 - 2mm qtz vein. Both have good moly associated.										
		433.5m 5mm qtz vein 60° to CA. Strong moly in vein.										
		434.9m 35cm inclusion of sericitic hornfels.										
		435.55m Crosscutting qtz veins. 5mm qtz vein at 30° to CA with minor moly cuts a 2 - 3mm qtz vein at 45° to CA with moderate moly.										
		436.0m 5mm qtz vein 80° to CA. Moderate moly in vein.										
		436.2m 7mm qtz vein 30° to CA. Vein is late and has pyrite and pink k-spar.										
		436.3m 10cm inclusion of biotite hornfels.										
		436.6m 2 - 3mm qtz vein 80° to CA. Strong moly in vein.										
		436.9m 4mm qtz vein 45° to CA. Good moly is associated.										
		437.2m 1cm qtz vein 45° to CA. Strong moly in vein.										
		437.8m 2.5cm qtz vein 45° to CA. Vein is well mineralized with moly.										
		431.85m Crosscutting qtz veins; 8mm qtz vein with good moly at 45° to CA. cuts a 5mm qtz vein with moderate moly at 30° to CA.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
380.6m	475.1m	Cont'd						

439.15m 1cm qtz vein 30° to CA with weak moly is cut by a 3mm qtz and pyrite and feldspar vein.
439.4m 2 - 4mm qtz vein 40° to CA. Strong moly in vein.
440.1m Three crosscutting qtz veins. Oldest is at 60° to CA. The other two are 20° - 30° to CA. All three have weak moly.
440.0 - 440.4m Strong potassic alteration as flooding.
447.3 - 449.2m Chlorite alteration of QMP with a weaker qtz stockwork and moly.
440.8m 7mm qtz vein 60° to CA. Moderate moly in vein.
440.85m 1cm qtz vein 30° to CA. Strong moly in vein.
441.5m 1.5cm qtz vein 50° to CA. Strong moly in vein.
442.3m 30cm of broken core.
443.8m 20cm of broken core.
446.8m 1cm qtz vein 60° to CA. Good moly in vein selvage.
446.85m 1cm qtz vein 30° to CA. Very strong moly in vein.
442.0m Quartz vein on or near core surface for 11cm. Strong moly in vein.
447.6m 3 - 4mm qtz vein 60° to CA. Good moly in vein.
449.2 - 449.7m Fault gouge at 50° to CA.
449.7 - 451.1m Broken core.
451.1 - 451.5m Fault gouge down CA.
451.5 - 452.9m Mainly broken core.
452.9 - 454.6m Fault gouge at 0° - 20° to CA.
454.6 - 468.2m Sericitic QMP.

Within the fault gouge zones there is about 80% core recovery. There is sericitic alteration as well as alteration to kaolinite. The gouge zones are composed of clay with fragments of QMP and qtz embedded in it. Minor graphite is noted in the fault gouge. In places fragments of qtz veins are noted in the fault gouge and associated strongly broken sections, often with good moly.

454.3m 2 - 3mm qtz vein in gouge. Very strong moly is associated.
455.5 - 456.0m A number of irregular moly stringers in recemented fault gouge.
455.9 - 456.1m Broken core.
456.5m 5mm qtz vein 30° to CA. Good moly in vein.
458.6 - 460.3m Biotite and sericite hornfels.
460.7 - 461.5m Broken core.
462.1 - 465.0m Several fractures at 0° - 10° to CA some of which have moly associated.
462.1m Fracture at 0° to CA with a good coating of moly.
462.5m Broken and offset 1cm qtz vein at 10° to CA. Vein has moderate moly.
465.0m 1cm qtz vein 20° to CA. Good moly in vein.
465.3m 2cm qtz vein 0° to CA for 30 cm. Vein has moderate moly in selvages. Vein cuts a 3mm qtz vein at 30° to CA. This vein has strong moly.
466.2 - 472.6m Mainly chlorite alteration with potassic alteration of the QMP. Core has a sugary texture.
472.6 - 475.1m Potassic alteration of the QMP

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
380.6m	475.1m	Cont'd 465.9m 2cm qtz vein 20° to CA. Barren. 466.8m Crosscutting qtz veins. 2mm qtz vein at 20° to CA is cut by a 2 - 3mm qtz vein 25° - 30° to CA. Both veins have good moly associated. 467.1m 1.4cm qtz vein 60° to CA. Good moly selvages in vein. 467.4 - 468.4m Broken core. 468.0m 1cm qtz vein in broken core. Vein is 0° - 10° to CA. Good moly in vein selvage. 468.85m 1cm qtz vein 80° to CA. Good moly in vein selvage. Vein has a 2 - 4mm potassic alteration selvage. 469.2m 1.5cm qtz vein 50° to CA. Good moly selvages in vein. 469.4m 8 - 10mm qtz vein 50° to CA. Good moly selvages in vein. 469.7m 5mm qtz vein 20° to CA. Good moly in vein. 469.8m 8mm qtz vein with offset movement, vein has good moly. 471.3m 1cm qtz vein in broken core. Vein has good moly. 470.5 - 472.3m Broken core. 473.2m 3mm qtz vein 65° to CA. Good moly in vein. Vein has a strong potassic selvage. 473.3m Vuggy 5 - 8mm qtz vein 10° to CA. Good moly in vein. 474.9m 1.5cm qtz vein 70° to CA. Good moly in vein. Lower contact at 475.1m is irregular at 20° to the CA.						
475.1m	485.1m	MIXED BIOTITE HORNFELS WITH POTASSICALLY AND CHLORITIC QMP 4, 6aP, 6a 475.1 - 478.1m Biotite hornfels with minor sericitic hornfels. Foliation is at 0o - 10° to the CA. The hornfels are strongly silicified and have a moderate qtz stockwork, however there appears to be less moly associated. 476.8m 1cm qtz vein 20° to CA. Weak moly in vein. Vein is cut and offset by a 5 - 10mm qtz vein at 30° to CA. Vein contains weak moly. 477.7m 1cm qtz vein 30° to CA. Weak moly. 478.1 - 480.0m Chloritic QMP, weak qtz stockwork and weak moly. 480.0 - 485.1m Mixed hornfels and potassic QMP. 25% of the 5.1m is QMP. The QMP has a better qtz stockwork than the hornfels. Potassic alteration in the QMP occurs as flooding and as selvages to qtz veins. 470.6m 1cm qtz vein 15° to CA. Very strong moly in vein. 480.65m 1cm qtz vein 40° to CA. Good moly in vein selvage. 481.55m 7mm qtz vein 60° to CA. Moderate moly in vein. 483.1m 5mm qtz vein 20° - 30° to CA. Good moly in vein.	475.1 - 485.1m 0.10 - 0.12% MoS_2 and 2 - 4% Py					
485.1m	573.3m	MIXED FINE-GRAINED DARK BROWN BIOTITE HORNFELS AND FINE-GRAINED LIGHT GRAY TO LIGHT GREEN SERICITIC HORNFELS 4, 3 Foliation is moderate to good throughout and is at 10° - 45° to the CA. Throughout the hornfels are strongly silicified and have a moderate qtz stockwork. Most veins are > 5mm in width. There are at least 3 sets of qtz + moly veins. Two sets of barren qtz veins and a set of late qtz and pink k-spar + pyrite + base metal veins. A few of the qtz veins are weakly to moderately vuggy.						

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralisation	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
485.1m	573.3m	Cont'd						
		485.25 - 485.65m Fault gouge at 20° to CA.						
		486.4 - 487.8m Strongly broken core.						
		From 485.1 - 507.0m Mixed biotite and sericitic hornfels.						
		487.9m 4mm qtz vein 5° to CA. Good moly in vein.						
		488.3m 1cm qtz vein 50° to CA. Good moly in vein.						
		489.25m 1 - 1.5cm qtz vein 5° to CA. Vein is vuggy and barren.						
		490.05m 14cm qtz vein 60° to CA. Trace moly.						
		491.15m 1cm qtz vein 75° to CA. Weak moly in vein.						
		491.4m 1cm qtz vein 20° to CA. Trace moly.						
		492.9m 2 - 3mm qtz vein down CA for 100 cm. Pyrite and trace moly in vein.						
		494.1m 3cm qtz vein 20° to CA. Barren.						
		494.6m A late 5mm qtz and feldspar vein 25° to CA. Vein has pyrite, sphalerite and trace galena.						
		494.98m 2cm qtz vein 60° to CA. Feldspar and trace pyrite in vein.						
		495.0m A coating of moly on a fracture at 75° to CA.						
		497.0m 2cm qtz vein 70° to CA with moderate moly. Vein cuts a 5mm qtz vein at 45° to CA. Vein has trace moly.						
		497.6m Irregular 5 - 10mm qtz vein 60° to CA. Good moly in vein selvages.						
		497.8m 3 - 4cm qtz vein 70° to CA. Good moly in vein selvages.						
		498.6m 1 - 2mm qtz vein 45° to CA. Very strong moly in vein.						
		498.7m 2 - 3cm dike of QMP at 5° to CA. The qtz stockwork cuts both hornfels and QMP dike. The dike has sericitic alteration.						
		500.0m 5 - 10mm qtz vein 70° to CA. Good moly occurs in vein selvage.						
		500.4m 2cm qtz vein 45° to CA. Good moly in vein.						
		500.75m Vuggy 5 - 10mm qtz vein 10° to CA. Good moly in vein.						
		502.55m 8mm qtz vein 50° to CA. Vein is vuggy and has good moly associated.						
		507 - 510.9m Sericitic hornfels.						
		510.9 - 547.35m Mixed biotite and sericite hornfels.						
		503.85m 5 - 8mm qtz vein 30° to CA. Moderate moly in vein.						
		503.9 - 504.1m Broken core.						
		504.25m Irregular 5 - 10mm qtz vein 90° to CA. Strong moly in vein selvages.						
		504.7m 5mm qtz vein 10° to CA. Moderate moly in vein.						
		506.0m 8mm qtz vein 3° - 5° to CA. Trace moly in vein.						
		509.5m 5 - 8mm qtz vein 0° - 5° to CA with very strong moly in vein selvages. At 509.75m vein is cut by a 5 - 10mm qtz vein at 45° to CA. This vein also has good moly.						
		520.6m 3 - 5mm qtz vein 0° to CA for 30cm. There is good moly in vein.						
		510.9m 2.5cm qtz vein 35° to CA. Strong moly in vein.						
		512.4 - 512.8m Broken core.						
		515.0 - 515.2m Broken core.						
		515.2 - 516.0m Fault gouge at 30° to CA. The fault gouge is composed of ground hornfels and qtz fragments.						
		516.3 - 516.5m Broken core.						
		511.8m 1 - 1.5cm qtz vein 20° to CA. Good moly in vein.						
		514.4m 1 - 2cm qtz vein down CA for 40cm. Very strong moly in camp. Vein terminates in broken core.						
		516.6m 5 - 8mm qtz vein 50° to CA. Moly and pyrite in vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
485.1m	573.3m	Cont'd 517.8m 5mm qtz vein 70° to CA. Strong moly in vein selvage. 518.2m 5mm qtz vein 45° to CA. Strong moly in vein selvages. 518.5m Vuggy 1cm qtz vein on core surface for 30cm. Moderate moly in vein. At 519m there are 4 ages of qtz veins. The oldest is at 0° - 5° to CA and has trace moly. The other three at 20° - 70° to CA are barren. 519.7m qtz vein on core surface for 40cm. Moderate moly in vein. 520.6m 2.5cm qtz vein 40° to CA. Good moly in vein selvage. 520.95m 1cm qtz vein 20° to CA. Moderate moly in vein. 521.5m 5mm qtz vein 50° to CA. Good moly in vein. 521.9m 1cm qtz vein 50° to CA. Moderate moly in vein. 522.6m Crosscutting qtz veins.3cm qtz vein at 60° to CA. Vein has good moly and is cut by a 3mm qtz vein at 20° to CA. This vein has good moly as well. 522.85m Vuggy 4mm qtz vein 80° to CA. Strong moly in vein. 523.0m 1 - 2cm qtz vein at 70° to CA. Strong moly in vein. 524.6m Vuggy 2cm qtz vein 20° to CA. Barren. 526.6m Irregular 10cm bleb of qtz with minor moly. 529.8m 1cm qtz vein 15° to CA. Barren. 530.8m 1cm qtz vein 45° to CA. Moderate moly in vein selvage. 532.1m 3cm qtz vein 60° to CA. Weak pyrite and moly in vein. 532.7m Crosscutting qtz veins. Both 1.5cm wide and have weak moly. The vein at 20° to CA cuts the vein at 60° to CA. From 533.0 - 568.8m Hornfels, mixed biotite and sericite to 547.35m. Below 547.35m to 568.8m there is just sericite hornfels. The hornfels are still strongly silicified and have a moderate stockwork. A number of the qtz veins are moderately vuggy. Throughout this section a few late 1 - 4mm carbonate veins are noted. 533.55m 2cm qtz vein 45° to CA. Vein has trace moly and cuts a barren 1cm qtz vein 60° to CA. 534.25m 5 - 8mm qtz vein 80° to CA. Weak moly in vein. 536.5m 2 - 2.5cm qtz vein 5° - 10° to CA. Vein is vuggy and has trace pyrite. 537.5m Extremely vuggy 1cm qtz vein 35° to CA. Barren. 538.3m 1.5cm qtz vein 40° to CA. Moderate moly in vein selvage. 538.85m 2mm qtz vein 85° to CA. Good moly in vein selvages. 539.15m Irregular fracture with pink k-spar pyrite. 541.45m 1cm qtz vein 0° - 5° to CA. Trace Anhydrite in vein as well as trace epidote. 542.1m 1cm qtz vein 60° to CA. Strong moly in vein selvage. 544.8m 1cm vein at 20° to CA of late pink k-spar. 545.0m 3.5cm qtz vein at 80° to CA. Barren. 545.35m 5 0 8mm qtz vein 45° to CA. Weak moly in vein.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	To	Length	ASSAYS
485.1m	573.3m	Cont'd						
		546.0m Crosscutting qtz veins; Irregular 3cm qtz vein at 90° to CA with pyrite and trace reddish brown mineral (possibly sphalerite) Vein is cut by a 1cm qtz vein at 0° to CA. for 90cm. Vein has trace reddish brown mineral and minor epidote.						
		547.25m Crosscutting qtz veins; 2cm qtz vein 30° to CA. Vein has good moly and is cut by a 1cm qtz vein at 70° to CA. Vein has trace pyrite.	475.1 - 573.3m up to 0.15% MoS_2 with short sections up to 0.20% MoS_2 3 - 5% Py					
		547.5m - 548.2m Broken core.						
		548.85 - 551.25m Post Mineral Breccia. The breccia is probably very local. The breccia consist of fragments of hornfels and qtz in a matrix of late pink k-spar. Fragments vary in size from < 1cm to 5-10cm. Most are < 5cm There is approximately 70% fragments and 30% matrix.						
		At 549.8, 550.0, 550.9m there are fragments of qtz in the breccia with good moly associated.						
		554.6 - 556.6m Mainly broken core.						
		557.2 - 557.5m Mainly broken core.						
		Both sections of broken core between 554.6 - 557.5m have weak fault gouge at 0° - 20° to CA associated.						
		554.85m 2cm qtz vein 45° to CA. Moly occurs in one selvage.						
		556.0m 2mm coating of moly on a fracture at 5° to CA. Fracture is in the broken core.						
		557.2m Fracture with a 2 - 3mm coating of moly.						
		558.9 - 559.6m Post mineralization Breccia and fault gouge mixed.						
		559.6 - 559.8m 20cm fault gouge at 30° to CA.						
		559.8 - 560.6m Breccia and fault gouge mixed. There is only minor fault gouge. Breccia is similar to one above and is probably local.						
		561.5m 1.3cm qtz vein 50° to CA. Strong moly in vein.						
		563.3m 50cm gouge at 30° to CA.						
		564.8m Fracture at 90° to CA with a good coating of moly.						
		564.95m 1 - 2cm qtz vein 20° to CA. Good moly in vein.						
		565.4m 4cm qtz vein 80° to CA. Vein has minor offset. Good moly occurs in selvage of vein.						
		566.6m 1cm qtz vein 30° to CA. Weak moly in vein.						
		567.3m 3 - 4cm qtz vein 20° to CA. Moderate moly in vein.						
		567.5m 20cm of Post mineralization Breccia at 30° - 40° to CA. Fragments are qtz and hornfels with 30 - 40% matrix as pink k-spar.						
		568.0m Crosscutting 1cm qtz veins both 70° to CA. One has good moly in vein selvage, the other has weak moly.						
		568.6m 1cm qtz vein down CA for > 20cm. Vein has very strong moly in its selvage.						
		568.8 - 573.3m Mixed sericitic and biotitic hornfels. Foliation is moderately developed at 10° - 40° to CA.						
		568.8m 2cm qtz vein 50° to CA. Good moly occurs in vein selvage.						
		571.0m 1.5cm qtz vein 30° to CA. Good moly in vein.						
		571.0 - 571.8m Broken core						
		571.5m 5mm qtz vein down CA for 35cm. Pyrite in vein.						
		574.2 - 575.9m Broken core.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
573.3m	578.75m	QUARTZ-EYE DIORITE CHLORITE ALTERATION 7b Both upper and lower contacts are sharp at 30° to CA. The QED is moderately to strongly broken. The Dike is composed of 40 - 60% 2 - 6mm feldspar phenocrysts, 5 - 10% 2 - 6mm qtz eyes and 3 - 5% 2 - 4mm chloritic biotite phenocrysts in a fine-grained and chloritic matrix. The unit is quite homogenous throughout. The dike has a few late carbonate and qtz + feldspar veinlets. The dike has 5 - 7% pyrite occuring as disseminations and as stringers. At 573.6m A 6cm qtz vein at 30° to CA. Vein has pyrite selvages. There is trace fine-grained moly ? or galena in vein. The last 20cm of unit is a breccia composed of 1 - 5cm fragments of QED and hornfels.	573.3 - 578.75m Possible trace moly and 5 - 7% Py.									
578.75m	668.6m	FINE-GRAINED LIGHT GRAY AND DARK BROWN SERICITIC AND BIOTITE HORNFELS 3, 4 The hornfels have moderate foliation at 10° - 40° to CA. Trace amounts of epidote are noted throughout, occurring as stringers and blebs. These occur adjacent to fractures and associated with some of the qtz veins. The hornfels are strongly silicified, however there is only a weak qtz stockwork. Most of the crosscutting qtz veins are < 3mm and often barren. There are only two sets of qtz + moly veins. A number of the veins are weakly to moderately vuggy. 578.75 - 579.1m Sericitic hornfels. 579.1 - 580.6m Breccia composed of up to 5cm fragments of hornfels and qtz. The qtz fragments occasionally have moly. The majority have trace moly at best. The contacts of the breccia are 80° - 90° to CA. 580.6 - 582.6m Chloritic QED as at 573.3 - 578.75m Below 582.6m there is mixed light gray to dark brown sericitic and biotite hornfels. 583.7m 7mm qtz vein 50° to CA. Moderate moly in vein selvage. 584.3m 1.2cm qtz vein 25° to CA. Good moly in vein. 584.95m 1cm qtz vein 50° to CA. Good moly in vein. 585.1m 1.5cm qtz vein, vuggy and 50° to CA. Vein has good moly in vein selvages. 585.2m 1.5cm qtz vein, vuggy and 50° to CA. Good moly in vein selvages. 589.2m 4cm qtz vein 35° to CA. Weak moly in vein. 589.3m 3cm qtz vein 60° to CA. Moderate moly in vein. 590.0m 5cm qtz vein 20° to CA. There are about 6 bands of moly in vein. 590.2m 2cm vuggy qtz vein 75° to CA. Weak moly in vein. From 590.5m there is mainly dark brown biotite hornfels with weak chloritic alteration., and minor epidote associated. 592.4m 9mm qtz vein 25° to CA. Moderate moly in vein. 592.7m 1.5cm qtz vein 20° to CA. Moderate moly in vein. 597.8m 1cm qtz vein 65° to CA. Good moly selvages in vein. Vein is weakly vuggy. 600.45m 1cm qtz vein 90° to CA. Strong moly selvages in vein.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
578.75m	608.6m	Cont'd						
		601.4m 5mm qtz vein 65° to CA. Strong moly in vein selvage.						
		The hornfels has 5-7% Pyrite occuring as disseminations and as stringers and fracture coatings.						
		From 603 - 625m there is mainly biotite hornfels usually clay brown to dark greenish black in colour, with short sections of pale gray to green sericitic hornfels. The hornfels still has abundant pyrite as blebs and stringers in the hornfels. Only minor pyrite are in the qtz and moly veins. Trace amounts of epidote are noted throughout, as well are a few 1 - 2mm veinlets of carbonate.	578.75 - 603m ≈ 0.15% MoS_2 & 5 - 7% Py					
		Sericitic alteration of the biotite hornfels is dominant, however weak chlorite alteration is occasionally present.						
		This section has a better qtz stockwork with at least 3 ages of moly and qtz veins. There is also a set of qtz + pyrite ± base metal veins.						
		Strong silicification is noted in the hornfels.						
		Foliation is weak in the biotite hornfels and where present it is usually 10° - 40° to CA.						
		602.5m Irregular 2cm qtz vein 30° to CA. Trace pyrite.						
		604.3m 1cm qtz vein 85° to CA. Vein has good moly selvages.						
		604.9m 1cm qtz vein 30° to CA. Good moly in vein.						
		606.6m 4cm qtz vein 60° to CA. Good moly in vein.						
		607.9m 3mm qtz + carbonate vein 15° to CA. Trace pyrite, galena and sphalerite in vein.						
		608.4m 3 - 4mm qtz vein with minor offset vein is at 40° to CA and has good moly associated.						
		609.5m 1cm qtz vein 30° to CA. Good moly in vein.						
		609.75m 1.5cm qtz vein 90° to CA. Good moly in vein.						
		612.1m 2.6cm qtz vein 20° to CA. Several bands of moly in vein.						
		612.2m 1cm qtz vein 30° to CA. Good moly in vein. Vein is cut by a 5mm qtz vein 10° to CA. Vein has minor pyrite.						
		613.9m 4cm qtz vein 60° to CA. Trace moly in vein.						
		614.5m Two irregular 3 - 5cm stringers of barren qtz at 10° to CA.						
		614.97m 3mm qtz vein 80° to CA. Strong moly in vein.						
		618.1m 4mm qtz vein 30° to CA. Strong moly in vein.						
		618.3m 8mm qtz vein 10° to CA. Good moly in vein.						
		619.55m 1cm qtz vein 70° to CA. Vein has good moly in selvages. There is also trace anhydrite in vein.						
		619.95m 1cm qtz vein 30° to CA. Good moly in vein.						
		620.05m 1.5cm qtz vein 40° to CA. Moderate moly in vein.						
		620.85m Irregular 7cm bleb of barren qtz.						
		621.5m 6mm qtz vein 40° to CA. Strong moly in vein.						
		622.25m Crosscutting qtz veins. 2 - 3mm vein at 20° to CA is cut by a 2 - 5mm qtz vein at 70° to CA. Both veins have good moly associated.						
		622.4m 1cm qtz vein 60° to CA. Minor anhydrite in vein.						
		622.8m 1cm qtz vein 70° to CA. Minor moly with pyrite and chlorite in vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
578.75m	668.6m	Cont'd						

624.15m Irregular 3 - 15mm qtz vein 45° to CA. Moderate moly in vein selvage.

From 625 - 658m Continuation of biotite hornfels with only minor sericitic hornfels. The biotite hornfels are a dark brown to a brownish black in colour and the sericitic hornfels are pale green in colour.

Foliation is moderately developed at 10° - 40° to the CA. The hornfels are moderately to strongly silicified, however, there is only a moderately developed qtz stockwork. Some of the qtz veins are well mineralized with moly. There are only a few crosscutting qtz veins, however there appears to be 3 ages of veins. Most veins are at least 10cm apart.

There are a few late qtz + pyrite ± feldspar and base metal veins, and a number of 1 - 3mm carbonate stringers. The core is fairly competent with only minor broken sections. Fractures are generally rough and have carbonate coatings. There is one set at 0° - 30° to CA and several sets 45° - 80° to CA.

625.5 -627m ≈ 20% Broken core.
626.75m 1cm qtz vein at 30° to CA. Vein is in broken core and has strong moly associated.
626.95m 1cm qtz vein 35° to CA. Good moly in vein selvage.
629.65m 1.3cm qtz vein 20° to CA. Very strong moly in vein. Vein has been offset by a late qtz and carbonate + feldspar vein at 30° to CA.
629.4 - 632.65m Sericitic hornfels.
630.8m 4cm qtz vein 45° to CA. Barren.
630.9m Irregular 1 - 2cm qtz vein 40° to CA. Minor moly in vein.
630.95m Late carbonate vein with a bleb of a soft pink mineral, maybe celestite. Vein is 15° to CA.
631.5m 2 - 5mm qtz vein 30° to CA. Good moly in one selvage of vein.
631.9m Late 3 - 4mm qtz vein with feldspar and trace galena and sphalerite. Vein is at 10° to CA and cuts several < 2mm qtz veins ± moly.
632.9m 5mm qtz vein 20° to CA. Good moly in vein.

From 631.5m A number of the qtz veins are vuggy.

634.8m 3cm qtz vein 45° to CA. Moderate moly and abundant pyrite in vein.
635.1 - 635.85m Broken core.
636.1m 1.5cm qtz vein 60° to CA. Strong moly in vein selvage. Vein is vuggy.
636.9m 1.2cm qtz vein 60° to CA. Moderate moly in vein selvage.
637.95m 1cm vuggy qtz vein 50° to CA with good moly. Vein cuts a 8mm qtz vein at 5° to CA. Vein has good moly.
638.5 - 639.2m Broken core.
639.55m 1cm qtz vein down CA for 45cm. Strong moly in vein.
642.35m 1cm qtz vein 45° to CA. Moderate moly in vein selvage.
643.7m 1.4cm qtz vein 80° to CA. Good moly in one selvage.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
578.85m	668.6m	Cont'd										
		644.95m 1cm qtz vein 85° to CA. Good moly in vein.										
		646.75m 1.3cm qtz vein 90° to CA. Good moly in vein.										
		646.9m 1mm qtz vein at 65° to CA. Vein has strong moly.										
		646.95m 1.2cm qtz vein 50° to CA. Very strong moly in vein.										
		647.0 - 647.5m Fracture down CA with a very thick coating of moly. Minor qtz is associated.										
		647.5 - 647.85m 1.5cm qtz vein down CA with good moly selvages.										
		648.4m 1.8cm qtz vein 70° to CA. Moderate moly in vein selvage.										
		648.8m Irregular 10 - 15cm mass of qtz with 3 - 5% pyrite.										
		651.4m 3cm qtz vein 45° to CA. Trace moly.										
		651.95m 5mm qtz vein 30° to CA. Good moly in vein.										
		651.6 - 652.1m Broken core.										
		652.3m 4mm qtz vein 70° to CA. Good moly in vein.										
		653.4m Vuggy 8mm qtz vein down CA for 60cm. Trace moly.										
		654.2m 3mm qtz vein 30° to CA with good moly. Vein is cut by a vuggy qtz + carbonate vein with pyrite at 35° to CA.										
		656.35m 4cm qtz vein 80° to CA. Trace moly in vein. Vein is vuggy.										
		657.6m Vuggy 5mm qtz vein down CA for 50cm. Vein is barren.										
		Lower contact of hornfels is sharp at 20° to CA. The last 30cm is mainly gouge at 0° - 10° to CA.										
		From 666.7 - 668.6m Sericitic hornfels.										
		658.0m Crosscutting qtz veins,both are vuggy. A 7mm qtz vein at 0° - 5° to CA is cut by a 5 - 7mm qtz vein at 60° - 70° to CA. Both veins have moderate moly.										
		658.3m 2cm qtz vein 70° to CA. Moderate moly in vein selvage.										
		658.8m Fracture at 75° to CA. Strong moly coating on fracture.										
		659.0m Barren 2cm qtz vein at 65° to CA. Vein is cut by a 3 - 8mm late pyrite and qtz vein with trace sphalerite and galena.										
		660.5m Vuggy 1.5cm qtz vein 30° to CA. Good moly in vein. Vein is cut by a 1 - 2mm qtz vein at 10° to CA. Vein has good moly.										
		661.0m 3mm qtz vein 90° to CA. Good moly in vein.										
		661.1m 2mm qtz vein 15° to CA. Strong moly in vein.										
		661.7 - 662.0m Broken core.										
		662.8m 1.7cm qtz vein 70° to CA. Good moly in vein.	603.0 - 668.6m									
		663.35m Vuggy 3cm qtz vein 70° to CA. Strong moly in vein.	0.15% MoS_2 or better									
		663.5m 2cm qtz vein 75° to CA. Vein is vuggy and has good moly.	and 3 - 5% Py									
		664.0m 3.5cm qtz vein 60° to CA. Minor moly in vein.										
		666.85m 8mm qtz vein 20° to CA. Good moly in vein.										
		667.4m 2cm qtz vein 80° to CA. Vein has good moly in selvages.										

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
668.6m	675.5m	FINE-GRAINED GREEN CHLORITIC ANDESITE DIKE 10 Lower contact of dike is at 10° to CA. The dike is fine-grained and massive with a few < 2% 1 - 2mm qtz phenocrysts. There is no foliation in the dike. The dike has numerous fractures 10° - 40° to CA. There are a few hairline veinlets of carbonate in the dike. The dike is weakly magnetic. There is chlorite alteration throughout the dike and at the contact with hornfels there is a 2 - 5mm selvage of intense alteration. Trace epidote is present in the dike. 673.8 - 675.5m Broken core. There is no qtz veining in the dike and only trace visible Py.	668.6 - 675.5m No moly and only trace pyrite.					
675.5m	689.95m	FINE-GRAINED LIGHT GREEN SERICITIC HORNFELS AND DARK GREEN TO BLACK BIOTITE HORNFELS 3, 4 Foliation is weak to moderate and is 10° - 30° to CA. From 675.5 - 676.4m Broken core. The first meter has strong sericitic alteration. In the broken sections to 684m there is about 85% recovery. 675.8m 8mm qtz vein 45° to CA. Good moly in vein. 676.2m Good moly in a qtz vein in broken core. 676.95m 1.8cm qtz vein 70° to CA. Good moly in vein selvage. From 684.5m Sericitic hornfels. 679.2m 2cm qtz vein 45° to CA. Moderate moly in vein. 680.0m 1.7cm qtz vein 30° to CA. Moderate moly in vein. 680.65m A 7mm weakly vuggy qtz vein 30° to CA. Vein has good moly associated. 680.8m Vuggy 2cm qtz vein 50° to CA. Moderate moly in vein. 681.7m 2cm qtz vein vuggy and 70° to CA. There is weak moly in vein. 682.4m Several lensoid qtz stringers at 20° to CA. The qtz has pyrite and possible trace of moly. 684.5m Vuggy 3mm qtz vein 70° to CA. Good moly in vein. 685.2m 30cm of core with a number of crosscutting fractures with offset movement. It could be a very weak breccia with very little movement. 686.3m 2.2cm qtz vein 35° to CA. Trace moly in vein. 686.4m 15cm of gouge at 70° to CA. 686.85m 20cm of gouge at 50° to CA. 688.25m 25cm of gouge at 40° to CA. 688.65 - 689.05m 4 > 3cm qtz veins at 30° - 40° to CA with a 1 - 3cm qtz vein down CA. The vein down CA has weak moly, the others have trace pyrite. 688.65 - 689.8m ≈ 60% Silica as qtz veins at 30° to CA. Veins appear to be subparallel. Pyrite and trace moly are in the veins. 689.75m Irregular 1cm qtz vein subparallel to foliation with moly in vein selvage.	675.5 - 689.95m ≈ 0.15% MoS_2 & 3 - 5% Py					

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
689.95m	696.5m	FINE-GRAINED DARK GREEN CHLORITIC ANDESITE DIKE 10 The dike has upper and lower contacts in broken core. This dike is identical to the andesite dike at 668.6 - 675.5m The dike has a few barren carbonate stringers. There is no moly or qtz veins in the dike. Only trace pyrite is observed. Since the dike is weakly magnetic probably trace pyrrhotite is present.	689.95 - 696.5m No moly visible & trace pyrite									
696.5m	722.5m	A MIXTURE OF BIOTITE AND SERICITE HORNFELS 4, 3 This entire section is very strongly broken, however there is only minor fault gouge associated. Throughout this section sericite hornfels predominate and the biotite hornfels has sericite alteration. Both types of hornfels have strong silicification throughout. The qtz stockwork is weak to moderate with both vuggy and non-vuggy veins being present. Foliation is moderate and appears to be 25° - 40° to CA. Fractures are numerous and at all angles to the CA. Many are irregular and have rough surfaces. Because of the intensity of fractures, it is difficult to determine the number of ages of qtz veins. Most of the veins are weakly mineralized, however a few are quite well mineralized. Moly also occasionally occurs on fracture surfaces as a coating. This section appears to have 3 - 5% pyrite occuring as blebs, stringers, fracture coatings and associated with some of the qtz veining. 699.8m 7mm qtz vein 50° to CA. Good moly in vein. 701.3 - 701.6m Irregular 2 - 3cm qtz vein on the core surface with trace moly. 702.1m 7cm qtz vein 30° to CA. Trace pyrite. 704.15m 12cm qtz vein 70° to CA. Trace pyrite. 704.8m Vuggy 1.5cm qtz vein 70° to CA with good moly and pyrite. Vein cuts several irregular stringers of barren qtz at 30° to CA. 705.4m Portion of a qtz vein in broken core with good moly. 705.9m 1 - 3cm gouge at 20° to CA. 709.7m 5mm qtz vein 30° to CA with moderate moly. Vein is cut by a 3 - 4mm late qtz and feldspar vein with trace pyrite. Vein is at 5° - 10° to CA. 710.0m 3mm qtz vein 90° to CA. Vein has strong moly in its selvages. 711.35m 2cm qtz vein 60° to CA. Weak moly in vein selvages. 714.9m 3.5cm qtz vein 55° to CA. Trace moly and pyrite. 716.4m 5mm qtz vein 50° to CA. Good moly selvages in vein. 717.9m Fracture with a 1 - 2mm coating of moly at 45° to CA. 718.3m 2cm kate k-spar vein with 5mm selvages of gouge with graphite at 10° to CA. 719.65m 8mm qtz vein with strong moly in broken core. 720.5m 3 - 4cm qtz vein 10° to CA. Moderate pyrite in vein. 720.7m 6mm qtz vein 45° to CA. Moderate moly and pyrite in vein. 721.3m 2cm qtz vein 45° to CA. Vein has moderate moly in vein selvages. moderate pyrite is also present in vein. 721.5m 2.5cm band of bright green Apatite Muscovite at 20° to CA.	696.5 - 722.5m up to 0.12% MoS_2 & 3 - 5% Py									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
696.5m	722.5m	Cont'd 721.6m A 10cm inclusion at 20° to CA of a olive green Aplite dike. 722.1m 4mm qtz vein at 70° to CA. Vein has offset movement and good moly associated. 722.3m 1.5cm qtz vein 70° to CA. Trace pyrite and anhydrite in vein. At 721.7m Several stringers of late pink k-spar.										
722.5m	734.7m	APHANITIC OLIVE GREEN MASSIVE APLITE DIKE 9a The dike is extremely fine-grained and has <1% oval to streached qtz eyes. There is a weak alteration halo around the qtz eyes. The dike has weak foliation at 20° to CA. Upper contact is sharp at 20° to CA. Lower contact is sharp at 50° to CA. A few late carbonate k-spar veinlets cut the dike. There is no qtz veining, moly or pyrite visible in the dike.	722.5 - 734.7m No visible moly or pyrite.									
734.7m	811.05m	FINE-GRAINED DARK GREEN BIOTITE HORNFELS 4 WITH MINOR SERICITE HORNFELS 3 The hornfels is well foliated at 10° - 30° to CA. The hornfels has moderate chlorite alteration to 756m below which sericite alteration is predominant. Abundant epidote is associated with the chlorite alteration. The epidote occurs as stringers parallel to foliation along fractures and associated with some of the qtz veins. There has been strong silicification of the hornfels throughout this section. In this section sericitic hornfels occur as short often < 1m intervals. The majority of the hornfels are massive, however at 802 - 807m there is considerable broken core with minor fault gouge. Fractures have rough surfaces. There appears to be two principal sets of fractures. One set at 20° - 40° to CA and another set at 60° - 80° to CA. The qtz stockwork is generally weak with many of the veins having only minor moly at best. A few veins are present which are very well mineralized with moly. There are only a few crosscutting veins with moly. A few vuggy veins are still noted throughout. There is abundant pyrite occuring as stringers and disseminations in the hornfels, associated with the qtz veins and occuring as coatings along fractures. Throughout this section there is 5 - 10% Pyrite. Trace magnetic minerals are noted, but not always visible. Probably Pyrrohotite. 735.0m 1cm qtz vein 90° to CA. Trace moly and moderate pyrite in vein. 735.3m 1 - 2cm qtz vein 5° - 15° to CA. Abundant pyrite and trace moly in vein. 737.0 - 737.55m An inclusion of aplite dike. Inclusion runs down CA and represents half of the core. The dike appears to be altered to a soft soopy mineral, serpentine. The hornfels adjacent to the contact has a 1 - 2cm selvage of bright green Apatite-muscovite.	734.7 - 811.05m < 0.10% MoS_2 with portions having < 0.05% MoS_2 and 5 - 10% Py									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS				
734.7m	811.05m	Cont'd 737.70m Vuggy 3cm qtz vein 70° to CA. Good moly in vein. 739.4m 6 - 7mm qtz vein 50° to CA. Vein is vuggy and has minor moly. 741.85m 6mm qtz vein 80° to CA. Vein is vuggy and has good moly. 742.5m 2mm qtz vein 30° to CA. Strong moly in vein. 742.75m 5mm qtz vein 70° to CA. Vein is vuggy and has moderate moly. 742.85m Irregular 3cm by 12cm bleb of qtz with pyrite and epidote. 743.75m 2 - 3mm qtz vein 75° to CA. Good moly in vein selvage. 745.0m 1cm qtz vein 35° to CA. Moderate moly in vein selvage. 745.5m 3.5cm qtz vein 90° to CA. Vein has pyrite and trace moly. 745.8m Vuggy 1cm qtz vein 20° to CA. Abundant pyrite and trace moly is associated. 748.75m Irregular vuggy 3mm qtz vein with good moly and epidote associated. 754.45m 5mm qtz vein 70° to CA. Weak moly in vein. 755.4m 7cm qtz vein 45° to CA. Pyrite and epidote in vein. Below 756m there appears to be stronger silicification and a reduction in the intensity of the chlorite alteration of the hornfels. The amount of epidote also appears to decrease.Moderate to good sericite alteration is present. 762.7m Vuggy 3cm qtz vein 45° to CA. Very strong moly in vein. 764.2m 2cm qtz vein 10° - 20° to CA. Abundant pyrite and epidote in vein. 764.85m 7cm qtz vein 20° to CA. Abundant pyrite in vein. 767.95m 5mm qtz vein 60° to CA. Moderate moly in vein selvages. 771.5m 1.5cm qtz vein 30° to CA. Pyrite and epidote in vein. 773.9m 5mm qtz vein 70° to CA. Moderate moly in vein. 775.2m Vuggy 3mm qtz vein 60° to CA. Moderate moly in vein. 777.6m 3 - 4mm qtz vein 10° to CA. Vein is vuggy and has moderate moly associated. 779.4m 1.2cm vuggy qtz vein 70° to CA. Moderate moly in vein. 783.55m 2 - 3mm qtz vein 30° to CA. Moderate moly in vein. 791.05 - 791.25m A large bleb of qtz with pyrite and stringers of hornfels. 792.4m Several irregular stringers of qtz with pyrite. 793.85m 7mm qtz vein 90° to CA. Trace pyrite. 794.65m 1.5cm qtz vein 35° to CA. Trace pyrite. 796.2m 6mm qtz vein vuggy and 60° to CA. Moderate moly in vein. 797.3m 2 - 3cm qtz vein 15° to CA. Barren. 798.8m 7cm of gouge at 50° to CA. 802.2 - 802.7m Broken core with the first 10cm being gouge at 50° to CA. 803.5 - 806.9m Broken core. 801.8 - 802.1m Several irregular qtz veins at 20° to CA. Veins are barren. 802.8m 1cm qtz vein 60° to CA. Good moly in vein. 803.1m 1.6cm qtz vein 40° to CA. Strong moly in vein. 803.5m Irregular 5mm qtz vein 80° to CA. Good moly in vein. 807.4m 1.7cm qtz vein 60° to CA. Weak moly in vein selvages. 807.75m 2 - 3cm vuggy qtz vein 60° to CA. Moderate moly in vein 809.97m 1.5cm qtz vein 60° to CA. Barren.										

Footage From	Footage To	Description	Mineralization	Sample No.	Footage From	Footage To	Length	Assays
734.7m	811.05m	Cont'd 810.1m 2 - 3mm qtz vein 80° to CA. Moderate moly in vein. In this section it was noted that many but not all the better moly mineralized qtz veins are vuggy.						
811.05m	834.87m	PORPHYRITIC PALE OLIVE GREEN TO MEDIUM GREEN MASSIVE RHYOLITE PORPHYRY DIKE 9 Upper contact sharp at 40° to CA. To 815.4m the dike is a pale olive green and within one meter changes colour to a medium green. The Dike consist of 10 - 15% < 3mm qtz eyes, 3 - 20% < 2mm fresh to weakly sericitic feldspar phenocrysts and < 1 - 2% sericitic or chloritic biotite phenocrysts in a very fine-grained and siliceous matrix. The medium green matrix appears to be chloritic. The dike is not foliated. There are no qtz veins, however there are a few late and < 1mm carbonate veinlets. There are no visible sulphides including moly in the dike. From 833.45m to 834.87m the dike is a pale olive green to cream coloured. There also appears to be less feldspar phenocrysts in this section, and those present appear to be sericitic. Lower contact at 834.87m is sharp at 70° to CA. The change from chloritic to sericitic alteration is gradational over 1.5m. 834.2 - 834.87m Core is moderately broken.	811.05 - 834.87m No visible MoS_2 or Pyrite					
834.87m	983.3m	FINE-GRAINED MASSIVE BLACK BIOTITE HORNFELS 4 There are minor sericite hornfels associated. Foliation is well developed at 10° to 30° to the CA. The first 40cm of section is sericite hornfels. The hornfels has strong silicification, however there is only a weak qtz stockwork. Many of the qtz veins have very little moly, however a few are well mineralized with moly. Good moly also is noted on a few fractures as coatings. The hornfels to 869.7m has 3 - 5% pyrite and below 5 - 8% pyrite. To 869.7m there is only trace epidote at best, however below 869.7m there is moderate epidote present. The main alteration throughout this section is sericitic. 834.9m 2cm qtz vein 60° to CA. Strong moly in vein. 835.7m 3mm qtz vein 70° to CA. Good moly in vein 839.0m 3mm qtz vein 60° to CA. Good moly in vein. 839.3m 5mm qtz vein 85° to CA. Moderate moly in vein selvage. 840.03m 4mm qtz vein 50° to CA. Moderate moly in vein selvage. 841.7m Fracture 75° to CA with good coating of moly. Fracture cuts a 2mm qtz vein 30° to CA. Vein has good moly. 842.05m 3mm qtz vein 80° to CA. Good moly in vein selvage. 842.4m Barren stringer of qtz parallel to foliation or 10cm. 843.9m Two subparallel 3 - 5mm qtz veins 70° to CA. There is good moly in both veins.						

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY RED MOUNTAIN HOLE NO. RMY 82-.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
834.87m	983.3m	Cont'd						
		844.4m 7cm qtz vein 30° to CA. Pyrite is in vein.						
		845.2m 5mm qtz vein 70° to CA. Moderate moly in vein.						
		845.6m 5mm qtz vein 80° to CA. Weak moly in vein.						
		847.45m 9mm qtz vein 75° to CA. Trace moly in vein.						
		848.55m 1cm qtz vein 60° to CA. Moderate moly in vein selvages.						
		849.3m 5 - 12mm vein of pyrite at 20° to CA.						
		848.8 - 849.8m Mainly sericitic hornfels.						
		849.55m 1cm qtz vein 80° to CA. Moderate moly in vein.						
		849.8m 5 - 8mm qtz vein 30° to CA. Good moly in vein. Vein is cut by a 2mm qtz vein at 30° to CA. Vein has good moly associated.						
		851.05m 1cm qtz vein 70° to CA. Trace moly in vein selvage.						
		852.9m 1.7cm qtz vein 45° to CA. Moderate moly in vein selvage.						
		853.3m 1cm qtz vein 60° to CA. Moderate moly selvages in vein.						
		854.2m 7mm qtz vein 50° to CA. Pyrite and moly in vein.						
		856.7m 5mm qtz vein 70° to CA. Good moly in vein.						
		856.75m 1.2cm qtz vein 60° to CA. Weak moly in vein.						
		857.4m Irregular < 1 - 4cm stringer of qtz parallel to foliation. Minor pyrite in vein.						
		857.75m 4mm qtz vein 75° to CA. Very strong moly in vein.						
		858.4m Crosscutting qtz vein. 3mm qtz vein with moderate moly at 80° to CA. Vein cuts a 1cm qtz vein with trace moly at 30° to CA.	834.87 - 866m 0.10 - 0.15% MoS_2					
		859.4m Irregular fracture at 80° - 90° to CA with a thick moly coating.	& 3 - 5% Py.					
		859.6m 6mm qtz vein 50° to CA. Good moly in vein.						
		861.2m 2cm qtz vein 20° to CA. Minor pyrite in vein.						
		861.4m 2cm qtz vein 20° to CA. Pyrite in vein.						
		Veins at 861.2 - 861.4m are parallel to foliation.						
		861.9m Irregular 2 - 4mm qtz vein 55° to CA. Good moly & pyrite in vein.						
		862.5m 5mm qtz vein 35° to CA. Moderate moly in vein selvages.						
		From 863 - 869.7m mixed biotite and sericite hornfels.						
		From 869.7 - m sericitic hornfels with epidote stringers. From 852 - 866m Trace Anhydrite noted in a few of the qtz veins.						
		863.8m 2cm qtz vein 10° to CA. Minor pyrite in vein.						
		865.8m 5mm qtz vein 50° to CA. Good moly in vein.						
		870.0m 5cm of gouge at 50° to CA. There is 20cm of broken core associated.						
		873.3m 7mm qtz vein 90° to CA. Pyrite and epidote in vein.	866 - 983.3m < 0.05% MoS_2 and					
		From 874m there is a mixture of biotite and sericite hornfels. Foliation is moderately developed at 0° - 40° to the CA. This section is not strongly broken except between 894 - 909.2m The hornfels vary in colour from light gray to green to reddish brown.	5 - 8% Py and < 1 - 3% Po from 949.4 - 981.0m					
		The qtz stockwork is extremely weak throughout and there is very little visible moly mineralization present. There is abundant pyrite throughout occuring in qtz veins, as stringers and disseminations in the hornfels and as coatings on fractures.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS
834.87m	983.3m	Cont'd						

Chlorite alteration occurs throughout with varying amounts of epidote. The hornfels are very strongly silicified and there is also good sericite alteration throughout.

874.2m 3cm wedge shaped stringer of qtz with pyrite.
875.4m 1-2cm qtz vein 30° to CA. Pyrite in vein.
877.45m 8mm qtz vein 50° to CA. Trace moly in vein.
879.3m 5mm qtz vein 50° to CA. Good moly in vein.
886.3 - 886.9m Broken core.
894.3 - 894.9m Broken core.

From 874 - 895m mainly sericitic alteration with minor chlorite alteration.
895 - 902.5m Mainly chlorite alteration.
902.5 - 909.5m Mainly sericitic alteration.
909.5 - 914m Mixed sericitic and chloritic alteration.
914 - 939m Chlorite alteration is dominant.
939 - 983.3m Mixed sericitic and chloritic alteration.
887.7 - 894.9m Very strong silicification.
891.6m 1.5cm qtz vein 40° to CA. Pyrite and trace moly in vein.
892.25m 8mm qtz vein 20° to CA. Good moly in vein.
896.1 - 899m Mainly broken core.
900.15 - 903.8m Mainly broken core.
904.6 - 905.6m Mainly broken core.
906.2 - 909.2m Mainly broken core.
907 - 907.1m Gouge at 40° to CA.
908.9 - 909.1m Gouge at 10° - 30° to CA.

Below 909m there is very little qtz stockwork.

924.8m 5mm qtz vein 40° to CA. Pyrite and moly in vein.
925.4m 1cm qtz vein 70° to CA. Pyrite and trace moly in vein.
937.2m 5mm qtz vein 45° to CA. Good moly in vein.

From 949.4 - 981.0m <1 to 3% Po occurs in veins with Py as stringers and disseminations in the hornfels. Trace amounts of sphalerite are also noted in narrow 1 - 2mm veinlets.

951.15m 2cm vein of Po and pyrite at 20° to CA.
954.7m 3mm qtz vein 45° to CA. Trace sphalerite, and CPy in vein.
955.85m 1cm qtz vein 70° to CA. Po and Py and trace moly or galena in vein.
957.55 - 959.8m Broken core with minor gouge down the CA.
959.8 - 960.4m No core recovery.
960.4 - 960.75m Broken core.
965.2 - 966.0m Broken core.

963.9m 7mm qtz vein 30° to CA. Pyrite and galena in vein.

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS				
834.87m	983.3m	Cont'd										
		965.05m 2cm vein of carbonate 20° to CA. Fragments of hornfels in vein.										
		969.3 - 970.6m Broken core										
		969.6m 4cm qtz vein 50° to CA. Moderate moly in vein.										
		974.85m 1.5cm qtz vein 50° to CA. Moly in center of vein.										
		978.7m 2cm qtz vein 30° to CA. Po and Py in vein.										
		978.8m 2mm qtz vein 30° to CA. Good moly in vein.										
		980.2m 8mm qtz vein 60° to CA. Good moly in vein selvage. Abundant pyrite is also in vein.										
	983.3.	END OF HOLE										

APPENDIX VII

Geochemical Data: 1995 Program (Assay Certificates)

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 8639
Work Order: 8636
Invoice Date: 31-AUG-95
Date Submitted: 01-AUG-95
Your Reference: RED0725
Account Number: 1257

TINTINA MINES LIMITED
SUITE 218 - 920 YOUNGE ST
TORONTO, ONTARIO
M4W 3C7
CANADA
ATTENTION: SHAHE F. SABAG

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

[illegible]	2.	PPB	AG	5.	PPM	AS	0.5	PPM	BA	50.	PPM
BR	0.5	PPM	CA	1.	%	CO	1.	PPM	CR	5.	PPM
CS	1.	PPM	FE	0.01	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	1.	PPM	NA	0.01	%	NI	20.	PPM
RB	5.	PPM	SB	0.1	PPM	SC	0.1	PPM	SE	5.	PPM
SN	100.	PPM	SR	500.	PPM	TA	0.5	PPM	TH	0.2	PPM
U	0.5	PPM	W	1.	PPM	ZN	50.	PPM	LA	0.5	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.2	PPM	LU	0.05	PPM			

8639B - TOTAL DIGESTION - ICP

CERTIFIED BY :

Julia Alvarez
per DR. ERIC L. HOFFMAN

1336 SANDHILL DRIVE, ANCASTER, ONTARIO, CANADA L9G 4V5 • TEL: 905-648-9611 • FAX: 905-648-9613

Activation Laboratories Ltd.   Work Order: 8636   Report: 8639

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
C-026	6	<5	75	2200	<0.5	<1	2	140	7	3.45	5	<1	<5	256	0.17	<30	120	4.7	8.4	<3	<100	<500	1.1	9.4
C-029	4	<5	7.5	2100	<0.5	<1	2	130	6	2.21	4	<1	<5	257	0.72	<33	130	0.9	4.8	<3	<100	<500	<0.5	3.6
C-032	<2	<5	31	1700	<0.5	<1	3	130	8	3.64	3	<1	<5	204	0.53	<33	88	4.8	6.1	<3	<100	<500	<0.5	15
C-035	<2	<5	32	1500	<0.5	<1	2	120	13	3.58	5	<1	<5	164	0.52	<32	110	2.2	8.2	<3	<100	<500	<0.5	10
C-038	<2	<5	37	2100	<0.5	<1	2	140	14	2.59	4	<1	<5	212	0.19	<30	140	8.0	6.2	<3	<100	750	<0.5	12
C-041	<2	<5	26	2800	<0.5	<1	1	110	13	3.16	5	<1	<5	261	0.19	<32	130	3.6	8.5	<3	<100	<500	<0.5	12
C-044	<2	<5	50	1600	<0.5	<1	1	140	22	2.61	4	<1	<5	228	0.10	<31	120	4.1	6.8	<3	<100	620	<0.5	12
C-047	<2	<5	16	1800	<0.5	<1	11	140	10	3.53	4	<1	<5	147	0.84	<39	120	0.9	5.7	<3	<100	<500	1.7	8.5
C-049	<2	<5	33	2200	<0.5	<1	13	140	13	3.81	3	<1	<5	159	1.10	<41	110	1.6	8.1	<3	<100	<500	<0.5	9.1
C-050	9	<5	230	1200	<0.5	<1	8	140	17	3.43	4	<1	<5	198	0.18	<37	160	23	15	<3	<100	<500	<0.5	11
C-051	<2	<5	26	1800	<0.5	<1	14	130	19	3.69	4	<1	<5	222	0.50	<35	140	1.8	8.4	<3	<100	<500	<0.5	8.9
C-052	7	<5	110	1200	<0.5	<1	17	160	21	3.87	4	<1	<5	152	0.33	<26	150	5.0	13	<3	<100	<500	<0.5	12
C-053	<2	<5	26	1700	<0.5	<1	15	120	20	2.99	5	<1	<5	186	0.76	<29	140	3.3	9.2	5	<100	<500	<0.5	12
C-054	<2	<5	59	2000	<0.5	<1	16	150	31	3.23	5	<1	<5	188	0.41	<26	150	11	11	<3	<100	<500	1.4	12
C-055	<2	<5	36	1100	<0.5	<1	8	71	20	1.64	1	<1	<5	290	0.07	<20	120	26	5.2	<3	<100	<500	0.8	9.1
C-056	<2	<5	28	1500	<0.5	<1	13	120	23	2.74	3	<1	<5	209	0.08	<20	130	51	6.3	<3	<100	<500	0.7	8.7
C-057	3	<5	33	970	<0.5	<1	12	120	22	2.78	4	<1	<5	518	0.12	<21	140	14	7.3	<3	<100	<500	<0.5	8.7
C-058	<2	<5	29	930	<0.5	<1	13	110	17	2.68	4	<1	<5	676	0.43	<23	110	13	8.8	<3	<100	<500	1.1	8.3
C-059	<2	<5	40	1800	<0.5	<1	18	110	20	3.11	4	<1	<5	291	0.34	<23	130	19	8.7	<3	<100	<500	<0.5	9.9
C-060	<2	<5	31	1300	<0.5	<1	11	83	26	2.02	4	<1	<5	266	0.11	<22	130	42	9.1	<3	<100	<500	1.0	11
C-143	<2	<5	12	2100	<0.5	2	3	150	7	1.52	1	<1	<5	765	0.46	<23	140	7.4	4.6	<3	<100	<500	<0.5	8.0
C-146	<2	<5	4.9	2100	<0.5	2	3	180	5	1.06	3	2	<5	728	0.51	120	110	1.3	4.5	<3	<100	<500	<0.5	8.0
C-149	<2	<5	3.9	2000	<0.5	2	7	210	8	1.34	4	<1	<5	925	0.39	<20	120	6.8	6.0	<3	<100	720	<0.5	8.5
C-152	<2	<5	2.9	1800	<0.5	3	6	220	14	1.47	4	<1	<5	463	0.38	<21	120	2.7	8.5	<3	<100	<500	<0.5	9.2
C-155	<2	<5	3.9	2200	<0.5	2	7	170	10	1.24	2	<1	<5	599	0.44	<20	82	3.3	4.6	<3	<100	<500	<0.5	6.1
C-158	4	<5	3.8	2200	<0.5	2	7	150	5	1.60	4	<1	<5	503	1.02	<23	130	1.5	5.0	<3	<100	<500	<0.5	6.5
C-161	4	<5	1.6	2400	<0.5	2	4	190	3	0.94	3	<1	<5	1190	1.01	<22	80	0.8	3.9	<3	<100	<500	<0.5	6.5
C-164	<2	<5	1.9	2600	<0.5	<1	3	160	2	0.85	3	<1	<5	2280	0.87	<20	89	1.7	4.5	<3	<100	800	1.0	6.6
C-167	<2	<5	2.7	2500	<0.5	<1	2	190	7	1.32	3	<1	<5	1120	0.62	<20	110	1.4	4.4	<3	<100	<500	<0.5	8.0
C-170	<2	<5	1.7	2100	<0.5	<1	3	150	3	0.88	3	<1	<5	1420	1.22	<23	89	0.7	4.9	<3	<100	810	<0.5	7.9
C-173	<2	<5	2.3	2200	<0.5	2	5	180	9	1.48	4	<1	<5	1800	0.61	<23	100	2.7	8.3	<3	<100	<500	<0.5	9.0
C-176	<2	<5	2.0	2200	<0.5	2	6	150	3	1.30	3	<1	<5	1070	1.19	<23	74	1.3	5.6	<3	<100	1000	<0.5	7.3
C-179	<2	<5	1.6	2400	<0.5	1	3	150	4	1.05	4	<1	<5	1950	1.06	<22	110	1.0	4.6	<3	<100	<500	1.6	7.4
C-182	<2	<5	6.4	2500	<0.5	2	4	180	14	1.10	4	<1	<5	1050	0.43	<20	100	9.6	4.8	<3	<100	790	<0.5	7.0
C-185	<2	<5	2.0	2200	<0.5	2	4	160	3	1.22	4	<1	<5	1320	1.12	<21	67	0.9	5.0	<3	<100	830	1.5	7.5
C-188	<2	<5	1.4	2500	<0.5	2	2	160	5	0.57	4	<1	<5	2090	0.95	<20	110	0.9	3.4	<3	<100	<500	<0.5	7.4
C-191	<2	<5	2.9	2400	<0.5	2	3	130	5	1.08	4	<1	<5	1590	1.02	<20	110	2.5	4.9	<3	<100	830	1.2	8.3
C-194	3	<5	1.2	2700	<0.5	1	2	160	5	0.83	4	<1	<5	2630	0.58	<20	120	1.9	4.1	<3	<100	620	0.9	8.2
C-197	<2	<5	1.9	2300	<0.5	<1	2	170	6	1.31	3	<1	<5	844	0.61	<20	120	4.2	4.4	<3	<100	<500	<0.5	8.4
C-200	<2	<5	2.0	2600	<0.5	1	3	150	5	1.00	1	<1	<5	1180	0.71	<20	94	1.7	4.9	<3	<100	500	<0.5	6.2
C-203	<2	<5	8.6	2200	<0.5	<1	2	160	6	1.33	3	<1	<5	1700	0.15	<20	150	17	3.7	<3	<100	<500	0.8	7.2
C-206	<2	<5	2.2	1200	<0.5	3	4	240	7	1.54	5	<1	<5	1530	0.15	<20	88	3.1	7.2	<3	<100	<500	<0.5	6.9
C-209	<2	<5	1.3	2400	<0.5	3	2	160	3	1.00	4	<1	<5	1250	0.47	<20	110	1.7	3.9	<3	<100	500	0.9	7.6
C-212	<2	<5	2.9	2100	<0.5	3	2	130	9	1.44	4	<1	<5	917	0.21	<20	130	3.2	4.2	<3	<100	<500	<0.5	7.4
C-215	2	6	18	2700	<0.5	1	2	170	3	1.41	4	<1	<5	1170	0.68	<20	120	19	3.2	<3	<100	640	<0.5	8.3

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
C-218	<2	<5	1.7	2400	<0.5	2	3	160	4	1.93	2	<1	<5	1240	1.05	<20	120	2.0	4.5	<3	<100	620	<0.5	7.1
C-221	<2	<5	1.4	2200	<0.5	<1	2	210	4	1.99	3	<1	<5	1370	0.59	<20	130	1.3	4.0	<3	<100	580	0.7	7.8
C-224	2	<5	1.6	2200	<0.5	2	3	140	6	2.03	3	<1	<5	1070	0.70	<20	120	1.0	4.6	<3	<100	940	0.9	7.9
C-227	3	<5	2.5	2100	<0.5	3	3	210	7	1.42	3	<1	<5	1780	0.30	<20	120	3.8	4.8	<3	<100	580	0.8	6.3
C-230	<2	<5	1.3	2500	<0.5	1	2	200	4	1.44	3	<1	<5	1450	0.74	<20	130	0.6	4.3	<3	<100	1100	<0.5	7.1
C-233	<2	<5	2.5	1600	<0.5	2	8	220	5	2.78	3	<1	<5	927	1.09	<21	100	0.8	9.3	<3	<100	980	1.0	7.3
C-236	<2	<5	<0.5	1900	<0.5	<1	<1	180	4	0.60	1	<1	<5	1140	1.16	<20	91	1.1	3.2	<3	<100	1000	0.9	7.0
C-239	<2	<5	1.9	2800	<0.5	3	2	230	10	1.58	4	<1	<5	1400	0.22	<20	120	6.9	4.9	<3	<100	520	0.8	8.0
C-242	<2	<5	1.1	1900	<0.5	<1	3	170	3	1.40	1	<1	<5	1090	0.67	<20	84	0.6	3.6	<3	<100	740	<0.5	5.4
C-667	2	<5	1.4	2900	<0.5	<1	3	220	4	1.34	2	<1	<5	1850	1.27	<20	92	0.5	4.6	<3	<100	1600	<0.5	6.7
C-670	<2	<5	1.5	2300	<0.5	2	6	270	5	2.23	4	<1	<5	1400	0.49	<20	120	0.9	9.3	<3	<100	<500	0.7	7.6
C-673	<2	<5	0.9	2700	<0.5	<1	2	220	4	1.12	3	<1	<5	1310	1.11	<20	97	0.7	3.9	<3	<100	670	0.7	7.3
C-676	<2	<5	0.6	2100	<0.5	2	2	200	5	1.56	2	<1	<5	1350	0.81	<20	120	0.5	6.5	<3	<100	<500	1.3	8.4
C-679	<2	<5	<0.5	1900	<0.5	<1	4	300	4	1.82	3	<1	<5	1220	0.80	99	100	0.5	10	<3	<100	<500	<0.5	7.3
C-682	<2	<5	0.7	2500	<0.5	1	2	180	2	0.77	3	<1	<5	1560	1.13	<20	98	0.3	3.7	<3	<100	700	<0.5	6.2
C-685	<2	<5	2.3	1900	<0.5	3	6	290	5	2.79	4	<1	<5	1330	0.53	<20	130	1.0	16	<3	<100	560	0.8	9.4
C-688	5	<5	1.0	2100	<0.5	2	3	250	3	1.19	1	<1	<5	1650	0.75	<20	120	0.6	11	<3	<100	<500	<0.5	8.0
C-691	<2	<5	1.3	1400	<0.5	<1	5	310	2	1.74	3	<1	<5	1200	0.65	<20	94	0.3	10	<3	<100	<500	1.2	6.3
C-694	<2	<5	1.7	1300	<0.5	2	3	300	4	1.73	3	<1	<5	1730	0.20	<20	93	0.9	10	<3	<100	<500	<0.5	6.5
C-697	<2	<5	<0.5	2300	<0.5	<1	3	270	2	1.13	2	<1	<5	1740	0.98	<20	110	0.3	13	<3	<100	<500	0.9	9.2
C-700	<2	<5	1.1	2300	<0.5	2	2	230	2	0.95	3	<1	<5	1430	0.93	<20	72	0.4	3.6	<3	<100	700	<0.5	6.6
C-703	<2	<5	<0.5	2100	<0.5	2	4	290	3	1.58	4	<1	<5	3420	0.84	<37	150	0.5	12	<3	<100	770	<0.5	8.6
C-704	<2	<5	1.6	3000	<0.5	<1	3	270	3	1.10	3	<1	<5	1950	0.82	<33	120	0.4	7.2	<3	<100	<500	<0.5	7.6
C-705	<2	<5	<0.5	2100	<0.5	2	2	230	3	1.41	3	<1	<5	1590	0.72	<30	120	0.6	7.5	<3	<100	<500	<0.5	6.9
C-706	<2	<5	<0.5	1900	<0.5	<1	4	210	3	1.75	4	<1	<5	2350	0.73	<34	90	0.7	9.0	<3	<100	630	<0.5	8.5
C-707	<2	<5	<0.5	2700	<0.5	<1	3	210	4	1.23	4	<1	<5	1930	1.12	<34	90	0.5	7.5	<3	<100	550	<0.5	5.7
C-708	4	<5	3.1	3100	<0.5	2	3	160	5	1.61	3	<1	<5	2920	0.47	<26	120	1.7	8.1	<3	<100	740	<0.5	6.2
C-709	6	<5	1.9	2100	<0.5	2	3	220	6	1.40	3	<1	<5	1220	0.19	<27	100	1.4	6.2	<3	<100	<500	<0.5	7.4
C-710	<2	<5	9.0	2700	<0.5	<1	4	240	9	1.32	3	<1	<5	2210	0.27	<29	130	4.4	7.3	<3	<100	<500	<0.5	7.2
C-711	8	<5	5.6	2000	<0.5	2	5	190	12	1.41	4	<1	<5	2070	0.66	140	120	4.4	6.2	<3	<100	<500	<0.5	8.5
C-712	4	<5	12	1500	<0.5	3	7	180	11	2.12	3	<1	<5	2390	0.22	<27	130	8.1	3.5	<3	<100	<500	<0.5	6.3
C-713	<2	<5	10	1100	<0.5	9	9	110	6	3.39	2	<1	<5	1420	0.06	<25	79	5.1	5.7	<3	<100	<500	<0.5	4.0
C-714	3	<5	6.3	3300	<0.5	3	3	240	11	1.44	4	<1	<5	2160	0.16	<23	200	4.6	6.3	<3	<100	1100	1.4	7.9
C-715	<2	<5	2.7	3300	<0.5	2	5	250	8	1.57	3	<1	<5	2220	0.13	<20	180	3.9	3.9	<3	<100	<500	1.0	7.9
C-716	<2	<5	2.8	1700	<0.5	1	5	280	8	1.71	2	<1	<5	3620	0.65	<30	140	2.2	12	<3	<100	<500	1.1	9.3
C-717	6	<5	2.6	1700	<0.5	<1	5	310	7	1.73	4	<1	<5	2060	0.66	<30	140	1.6	12	<3	<100	1100	<0.5	8.7
C-718	<2	<5	2.8	1700	<0.5	2	5	300	7	1.81	2	<1	<5	2520	0.80	<31	160	1.8	12	<3	<100	730	1.4	8.2
C-719	<2	<5	1.8	1800	<0.5	2	5	330	7	2.03	4	<1	<5	1770	1.07	<33	130	1.2	14	<3	<100	<500	<0.5	9.3
C-720	<2	<5	5.4	1100	<0.5	<1	22	340	5	3.97	3	<1	<5	2500	1.43	220	99	1.3	13	<3	<100	<500	1.0	8.2
C-721	<2	<5	2.0	1900	<0.5	<1	7	310	3	1.63	2	<1	<5	1890	0.71	<27	70	0.4	11	<3	<100	<500	<0.5	3.5
C-722	7	<5	2.9	1100	<0.5	2	13	290	4	2.54	2	<1	<5	1400	0.79	<29	65	0.4	12	<3	<100	<500	1.0	2.8
C-723	<2	<5	3.2	3000	<0.5	3	10	390	7	2.68	4	<1	<5	1160	0.98	<35	150	1.1	18	<3	<100	<500	<0.5	7.4
C-724	<2	<5	3.3	2300	<0.5	<1	11	440	6	2.94	3	<1	<5	2230	0.89	<35	110	1.1	16	<3	<100	<500	<0.5	5.9
C-725	<2	<5	3.8	1300	<0.5	<1	8	290	4	1.95	2	<1	<5	1000	0.62	<23	79	1.5	11	<3	<100	<500	<0.5	2.6
C-726	<2	<5	<0.5	820	<0.5	2	9	250	5	2.11	2	<1	<5	606	0.67	<24	100	1.6	13	<3	<100	<500	0.8	2.2

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
C-727	<2	<5	4.0	940	<0.5	2	8	170	5	2.09	2	<1	<5	1050	0.56	<22	110	2.5	10	<3	<100	<500	<0.5	2.9
C-728	5	<5	5.0	1800	<0.5	2	8	170	8	1.68	2	<1	<5	611	0.29	<21	130	3.5	12	<3	<100	<500	0.8	2.4
C-729	3	<5	7.4	1900	<0.5	2	5	300	9	1.59	3	<1	<5	3750	0.62	<25	160	3.3	12	<3	<100	<500	<0.5	7.8
C-730	<2	<5	2.7	2100	<0.5	1	5	310	8	1.87	4	<1	<5	1650	1.01	<30	140	1.5	16	<3	<100	<500	<0.5	11
C-731	<2	<5	5.1	1100	<0.5	<1	25	280	5	3.59	4	<1	<5	797	1.90	170	130	1.1	13	<3	<100	<500	1.4	10
C-732	<2	<5	3.3	860	<0.5	3	19	240	3	2.99	4	<1	<5	645	2.21	190	72	0.4	13	<3	<100	<500	1.6	9.7
C-733	<2	<5	1.8	1900	<0.5	<1	6	290	7	2.00	5	<1	<5	880	1.37	<31	130	1.0	16	<3	<100	<500	2.4	12
C-734	4	<5	1.8	2100	<0.5	<1	5	310	5	1.91	4	<1	<5	1770	1.19	<29	140	0.6	15	<3	<100	<500	<0.5	10
C-735	<2	<5	1.6	1600	<0.5	<1	7	290	5	1.56	2	<1	<5	948	1.64	<31	110	0.6	14	<3	<100	<500	<0.5	11
C-736	8	<5	9.5	1600	<0.5	2	7	310	11	2.12	4	<1	<5	2550	0.85	<27	140	3.2	15	<3	<100	<500	<0.5	11
C-737	<2	<5	2.1	1600	<0.5	2	7	280	5	1.77	4	<1	<5	1630	1.52	<29	120	0.8	16	<3	<100	<500	<0.5	12
C-738	<2	<5	3.0	1400	<0.5	<1	5	300	6	1.70	3	<1	<5	1330	1.20	<24	81	1.3	12	<3	<100	660	<0.5	7.9
C-739	<2	<5	6.4	2000	<0.5	<1	6	310	7	1.67	4	<1	<5	2450	0.94	<25	130	2.1	13	<3	<100	<500	<0.5	7.2
C-740	<2	<5	9.5	1200	<0.5	3	5	290	7	1.97	4	<1	<5	2160	1.20	<25	140	2.3	13	<3	<100	1300	<0.5	10
C-741	<2	<5	6.4	1300	<0.5	2	6	260	6	1.40	4	<1	<5	2790	1.56	<26	98	2.0	14	<3	<100	<500	<0.5	11
C-742	5	<5	1.8	1800	<0.5	<1	3	320	3	1.09	1	<1	<5	6030	0.81	100	79	0.5	9.1	<3	<100	540	<0.5	6.7
C-743	<2	<5	2.1	1500	<0.5	1	6	300	4	1.66	4	<1	<5	1490	1.14	<23	82	0.4	12	<3	<100	<500	<0.5	7.2
C-744	<2	<5	2.0	1600	<0.5	<1	5	240	3	1.69	4	<1	<5	953	1.17	<22	98	0.4	12	<3	<100	<500	<0.5	6.2
C-745	<2	<5	1.9	1500	<0.5	<1	7	220	4	1.94	4	<1	<5	795	1.82	<27	110	0.4	16	<3	<100	910	<0.5	9.9
C-746	<2	<5	2.2	1700	<0.5	2	6	270	5	1.73	4	<1	<5	1930	1.58	<27	110	0.6	15	<3	<100	<500	<0.5	11
C-747	<2	<5	3.0	1300	<0.5	2	17	240	4	2.72	4	<1	<5	1300	1.93	<27	110	0.5	16	<3	<100	<500	<0.5	10
C-748	<2	<5	3.7	1300	<0.5	2	15	270	5	2.63	4	<1	<5	2230	1.43	<25	98	0.8	12	<3	<100	910	<0.5	9.7
C-749	9	<5	2.7	1400	<0.5	1	12	270	5	2.30	4	<1	<5	1500	1.75	<26	100	0.5	17	<3	<100	<500	<0.5	12
C-750	5	<5	2.1	1600	<0.5	2	9	240	7	2.03	4	<1	<5	2770	1.71	<26	110	0.9	15	<3	<100	790	<0.5	11
C-751	6	<5	2.9	1400	<0.5	<1	11	280	10	2.15	4	<1	<5	2590	1.30	<26	120	1.7	12	<3	<100	<500	<0.5	11
C-752	<2	<5	3.5	1800	<0.5	3	5	280	13	1.76	5	<1	<5	1620	0.49	<23	140	2.7	15	<3	<100	<500	1.2	12
W-003	<2	<5	42	2200	<0.5	<1	2	170	7	2.96	4	<1	<5	257	0.42	<21	150	8.3	6.0	<3	<100	<500	<0.5	8.6
W-006	<2	<5	40	2300	<0.5	<1	2	220	12	3.05	2	<1	<5	473	0.38	<22	150	21	4.5	<3	<100	750	<0.5	11
W-009	3	6	73	840	<0.5	<1	4	94	17	3.93	3	<1	<5	158	0.86	<20	120	35	9.0	<3	<100	<500	<0.5	7.4
W-012	<2	<5	16	2100	<0.5	<1	18	140	15	3.84	5	<1	<5	635	0.69	<24	160	6.8	11	<3	<100	<500	1.3	12
W-015	<2	<5	5.5	2000	<0.5	<1	18	95	12	2.99	4	<1	<5	290	0.37	<20	130	2.1	6.8	<3	<100	<500	0.9	8.9
W-018	4	<5	17	1800	<0.5	<1	13	110	14	2.85	4	<1	<5	177	0.58	85	160	4.7	6.8	<3	<100	<500	<0.5	8.4
W-021	3	6	31	2200	<0.5	<1	16	94	7	2.42	2	<1	<5	223	0.29	<20	140	28	5.2	<3	<100	<500	<0.5	8.4
W-024	<2	<5	11	1100	<0.5	1	23	120	15	2.96	3	<1	<5	338	0.88	<20	99	1.0	7.4	<3	<100	<500	0.8	8.3
W-027	2	<5	18	1500	<0.5	<1	19	140	14	3.05	4	<1	<5	520	0.63	<20	110	1.1	6.9	<3	<100	580	<0.5	8.2
W-030	<2	<5	36	1900	<0.5	<1	14	92	9	2.42	3	<1	<5	896	0.41	<20	96	2.4	3.7	<3	<100	<500	0.8	6.7
W-033	3	<5	32	1800	<0.5	<1	18	91	11	2.60	3	<1	<5	849	0.48	<20	110	6.5	3.9	<3	<100	<500	<0.5	7.0
W-036	<2	<5	2.8	1800	<0.5	1	7	86	18	1.89	4	<1	<5	119	1.53	<20	89	0.8	5.1	<3	<100	3000	1.1	8.9
W-039	<2	<5	14	2100	<0.5	2	8	69	35	2.37	3	<1	<5	65	0.62	<20	130	2.2	5.2	<3	<100	<500	<0.5	9.0
W-042	5	<5	60	1200	<0.5	1	16	93	29	3.02	3	<1	<5	325	0.11	69	160	29	7.9	<3	<100	<500	<0.5	8.7
W-045	2	<5	7.9	820	<0.5	1	18	140	16	3.38	4	<1	<5	352	1.02	<20	140	0.9	12	<3	<100	<500	0.6	10
W-048	<2	<5	18	720	<0.5	2	21	120	22	3.57	4	<1	<5	221	1.16	<20	100	1.6	11	<3	<100	<500	0.8	9.2
W-051	5	<5	10	1100	<0.5	<1	18	190	13	3.79	4	<1	<5	732	1.37	<32	190	1.0	14	<3	<100	<500	<0.5	12
W-054	<2	<5	12	1200	<0.5	<1	21	160	21	4.03	6	<1	<5	385	1.16	<32	170	1.2	14	<3	<100	<500	<0.5	11
W-057	<2	<5	66	1100	<0.5	<1	22	110	23	3.56	3	<1	<5	307	0.11	<22	150	20	6.8	<3	<100	<500	1.3	8.2

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
W-060	4	<5	8.9	1700	<0.5	<1	10	97	24	2.59	3	<1	<5	398	0.71	<25	140	2.1	7.9	<3	<100	<500	<0.5	8.5
W-063	7	<5	7.2	1900	<0.5	2	9	120	23	1.98	4	<1	<5	387	0.63	<25	130	1.2	6.6	<3	<100	<500	1.5	9.7
W-066	<2	<5	9.1	1900	<0.5	2	19	140	21	2.72	3	<1	<5	403	0.50	<28	160	3.2	8.4	<3	<100	<500	<0.5	8.3
W-095	<2	<5	11	1300	<0.5	<1	10	93	15	3.69	3	<1	<5	356	0.12	<20	130	6.6	4.5	<3	<100	<500	1.5	7.2
W-098	3	<5	3.6	2500	<0.5	<1	15	110	8	3.46	5	<1	<5	684	0.55	<24	190	1.3	6.4	<3	<100	<500	<0.5	7.6
W-101	<2	<5	4.0	2500	<0.5	<1	8	110	11	3.19	4	<1	<5	478	0.99	<28	210	1.4	8.7	<3	<100	3700	<0.5	9.8
W-104	<2	<5	6.3	2200	<0.5	<1	9	120	8	3.19	4	<1	<5	419	1.12	<30	180	0.9	10	<3	<100	<500	<0.5	10
W-107	3	<5	3.8	2200	<0.5	<1	4	84	5	2.81	4	<1	<5	369	0.54	<21	180	1.4	6.4	<3	<100	<500	1.2	8.8
W-110	<2	<5	2.1	1800	<0.5	<1	8	120	5	3.30	3	<1	<5	1170	0.44	<20	180	0.7	6.1	<3	<100	<500	<0.5	8.8
W-113	<2	<5	2.9	2000	<0.5	<1	12	110	7	3.05	4	<1	<5	677	0.43	<20	170	1.3	6.5	<3	<100	<500	1.2	6.9
W-116	<2	<5	3.8	2200	<0.5	<1	16	130	7	2.51	4	<1	<5	444	0.65	<20	150	1.0	5.1	<3	<100	<500	<0.5	6.8
W-119	<2	<5	2.3	1600	<0.5	<1	4	100	4	1.94	3	<1	<5	741	0.97	<20	110	0.6	4.9	<3	<100	<500	<0.5	6.8
W-122	<2	<5	3.4	2000	<0.5	1	5	130	4	2.25	4	<1	<5	490	0.75	<20	130	0.8	5.3	<3	<100	<500	<0.5	7.0
W-125	8	<5	4.7	1400	<0.5	<1	3	150	5	3.12	4	<1	<5	1060	0.28	<20	150	6.4	4.5	<3	<100	<500	<0.5	6.3
W-128	<2	<5	2.4	1800	<0.5	<1	3	250	6	3.07	4	<1	<5	570	0.62	<22	150	1.4	4.9	<3	<100	<500	<0.5	7.2
W-131	<2	<5	1.7	1600	<0.5	<1	7	260	6	3.07	5	<1	<5	724	0.90	<24	200	1.0	8.4	<3	<100	<500	<0.5	8.6
W-134	<2	<5	4.6	1600	<0.5	<1	13	250	8	3.95	4	<1	<5	424	0.60	<23	190	1.1	8.8	<3	<100	<500	2.1	9.0
W-137	<2	<5	2.6	2000	<0.5	<1	8	240	8	2.95	4	<1	<5	571	0.92	<24	190	1.2	7.8	<3	<100	<500	<0.5	9.5
W-140	<2	15	2.4	1900	<0.5	1	6	250	9	2.58	4	<1	<5	321	0.84	130	190	0.9	8.2	<3	<100	<500	1.5	8.5
W-143	4	<5	3.6	1900	<0.5	<1	5	150	8	2.84	4	<1	<5	374	0.82	<20	210	0.8	6.9	<3	<100	<500	<0.5	8.3
W-146	2	<5	6.9	2100	<0.5	<1	5	130	8	3.23	4	<1	<5	860	0.60	130	180	8.0	6.2	<3	<100	<500	1.2	7.4
W-149	6	<5	4.8	2200	<0.5	1	5	110	6	3.06	4	<1	<5	836	0.47	<20	180	3.7	6.3	<3	<100	<500	<0.5	7.5
W-152	<2	<5	4.0	2400	<0.5	2	5	150	7	2.41	4	<1	<5	783	0.44	<20	180	1.3	6.9	<3	<100	570	<0.5	7.7
W-155	<2	<5	2.6	2000	<0.5	2	5	150	6	2.42	4	<1	<5	637	0.36	120	180	1.2	5.8	<3	<100	<500	<0.5	7.0
W-158	7	<5	1.8	2600	<0.5	<1	3	160	4	1.41	3	<1	<5	1150	0.91	<20	120	0.7	4.8	<3	<100	<500	<0.5	6.4
W-161	<2	<5	4.9	1700	<0.5	<1	5	140	11	2.69	4	<1	<5	305	0.98	120	210	4.4	7.3	<3	<100	610	<0.5	10
W-164	<2	<5	4.0	1900	<0.5	2	3	110	9	2.32	4	<1	<5	338	0.86	<20	190	3.8	6.2	<3	<100	<500	1.3	8.9
W-167	<2	<5	2.3	1600	<0.5	<1	4	140	8	2.60	4	<1	<5	323	1.19	<20	170	1.8	6.7	<3	<100	<500	<0.5	8.8
W-170	6	<5	1.4	2300	<0.5	2	<1	96	4	0.67	3	<1	<5	741	0.93	<20	95	2.2	4.2	<3	<100	<500	1.9	6.9
W-173	<2	<5	1.8	2300	<0.5	1	2	110	3	0.73	4	<1	<5	802	0.90	<20	140	1.8	4.6	<3	<100	<500	1.8	7.4
W-176	<2	<5	1.9	2000	<0.5	2	1	140	3	0.65	4	<1	<5	1570	1.03	<20	100	1.8	4.1	<3	<100	750	<0.5	7.2
W-179	<2	<5	1.3	2500	<0.5	<1	3	99	2	0.81	3	<1	<5	1010	1.35	<20	130	1.1	4.8	<3	<100	860	<0.5	7.8
W-182	<2	<5	1.4	1100	<0.5	2	8	230	5	3.45	3	<1	<5	681	1.26	<20	160	2.1	15	<3	<100	<500	<0.5	11
W-185	<2	<5	2.4	2500	<0.5	<1	2	110	1	0.88	4	<1	<5	741	1.16	110	130	5.7	4.6	<3	<100	850	<0.5	7.4
W-188	<2	<5	2.1	2300	<0.5	<1	2	130	2	0.74	3	<1	<5	1110	0.98	<20	120	3.1	4.2	<3	<100	<500	<0.5	7.6
W-191	4	<5	1.8	2100	<0.5	<1	4	140	2	1.33	4	<1	<5	889	1.29	<20	130	1.3	5.0	<3	<100	710	<0.5	8.5
W-194	4	<5	1.7	2000	<0.5	1	2	150	2	1.36	3	<1	<5	715	1.22	<20	110	1.4	4.2	<3	<100	830	<0.5	7.5
W-197	<2	<5	2.2	1700	<0.5	<1	4	120	3	1.18	3	<1	<5	992	1.20	<20	110	1.3	4.5	<3	<100	<500	<0.5	6.3
W-200	2	<5	2.7	2000	<0.5	2	4	120	3	1.23	4	<1	<5	889	1.42	<20	110	1.5	5.3	<3	<100	980	<0.5	7.1
W-203	<2	<5	19	1300	<0.5	5	15	47	<1	4.60	4	<1	<5	4	2.82	<23	100	6.0	14	<3	<100	1400	<0.5	9.7
W-206	<2	<5	21	1400	<0.5	5	16	51	2	4.62	5	<1	<5	2	2.86	<26	69	7.6	14	<3	<100	<500	2.3	10
W-209	<2	<5	1.7	2200	<0.5	2	2	120	2	1.09	4	<1	<5	905	1.29	<20	130	1.4	4.5	<3	<100	<500	<0.5	6.4
W-212	<2	<5	3.0	2600	<0.5	3	2	150	4	1.52	5	<1	<5	943	1.13	<20	150	4.5	9.7	<3	<100	720	<0.5	9.9
W-215	<2	<5	3.9	1700	<0.5	2	4	120	7	2.11	3	<1	<5	604	1.45	<20	180	7.3	6.0	<3	<100	<500	<0.5	9.8
W-218	<2	<5	<0.5	1700	<0.5	3	2	150	4	1.06	3	<1	<5	1140	1.18	<20	130	1.5	5.6	<3	<100	730	<0.5	7.2

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
W-221	3	<5	2.6	1900	<0.5	<1	2	140	5	1.22	4	<1	<5	772	1.16	<20	170	2.5	5.9	<3	<100	680	<0.5	7.3
W-224	4	<5	3.3	1100	<0.5	2	11	220	5	4.35	3	<1	<5	708	0.82	<20	120	1.2	9.3	<3	<100	<500	<0.5	7.2
W-227	3	<5	1.5	2100	<0.5	2	2	210	4	0.69	3	<1	<5	1180	1.07	<20	150	0.8	4.2	<3	<100	740	<0.5	8.5
W-230	<2	<5	1.7	2200	<0.5	2	4	250	4	1.90	3	<1	<5	2320	1.16	<20	140	0.6	7.3	<3	<100	950	<0.5	7.2
W-233	<2	<5	3.0	1800	<0.5	3	3	270	1	1.57	3	<1	<5	1380	1.38	<20	120	0.5	8.3	<3	<100	<500	<0.5	6.8
W-236	<2	<5	22	1600	<0.5	1	3	320	8	1.93	4	<1	<5	940	0.83	120	180	2.0	12	<3	<100	<500	<0.5	8.6
W-239	<2	<5	3.0	2400	<0.5	<1	1	240	4	0.59	4	<1	<5	3050	1.09	<20	100	0.6	3.1	<3	<100	980	<0.5	7.0
W-258	5	<5	1200	2000	<0.5	3	3	220	10	2.37	3	<1	<5	6	1.03	<20	240	28	4.8	<3	<100	<500	1.3	12
W-261	<2	<5	360	1600	<0.5	3	4	150	6	2.40	4	<1	<5	11	1.70	<20	130	5.0	5.0	<3	<100	<500	1.2	11
W-264	<2	<5	63	1700	<0.5	2	4	160	7	2.35	2	<1	<5	12	1.80	<20	140	3.1	5.0	<3	<100	<500	<0.5	11
W-267	2	<5	83	1700	<0.5	2	4	210	10	2.89	3	<1	<5	10	1.15	<20	180	9.3	4.8	<3	<100	<500	<0.5	11
W-270	<2	<5	3.3	1800	<0.5	3	2	180	6	2.70	3	<1	<5	13	1.69	<20	150	2.2	5.5	<3	<100	<500	<0.5	13
W-273	<2	<5	62	1900	<0.5	2	3	140	10	2.42	5	<1	<5	16	0.97	<20	280	33	5.5	<3	<100	<500	<0.5	13
W-276	4	<5	3.8	1600	<0.5	3	1	150	6	2.40	3	<1	<5	15	1.50	<20	160	1.9	4.7	<3	<100	<500	1.2	11
W-279	<2	<5	7.8	2000	<0.5	2	2	170	8	2.65	4	<1	<5	4	1.02	<20	200	3.6	4.6	<3	<100	990	1.8	12
W-282	<2	<5	4.3	1700	<0.5	3	2	200	4	2.61	5	<1	<5	5	1.48	<20	190	1.3	4.8	<3	<100	660	1.2	11
W-285	<2	<5	11	2000	<0.5	1	2	160	5	2.69	4	<1	<5	45	1.63	<20	180	1.5	5.1	<3	<100	<500	1.4	12
W-288	<2	<5	4.5	1800	<0.5	2	3	170	4	2.46	5	<1	<5	4	1.87	<20	160	1.2	5.0	<3	<100	940	1.5	12
W-291	5	<5	3.5	2200	<0.5	<1	4	170	5	2.83	5	<1	<5	6	1.96	<37	180	1.1	5.1	<3	<100	<500	<0.6	11
W-294	<2	<5	2.8	2300	<0.5	<1	8	190	4	2.36	5	<1	<5	5	2.10	<40	160	0.9	5.2	<3	<100	<500	<0.6	11
W-297	6	<5	2.0	2300	<0.5	2	5	190	10	2.78	4	<1	<5	5	1.42	<36	110	1.6	5.0	<3	<100	<500	<0.6	11
B-841	10	<5	24	4100	<0.5	<1	3	200	11	2.10	3	<1	<5	424	0.18	<24	140	4.9	5.0	<3	<100	<500	1.3	8.0
B-844	10	<5	36	1400	<0.5	<1	<1	190	17	1.96	3	<1	<5	177	0.06	140	190	11	4.5	<3	<100	<500	<0.5	8.2
B-847	<2	<5	45	620	<0.5	<1	<1	85	21	2.11	3	<1	<5	336	0.06	<20	210	22	5.1	<3	<100	<500	<0.5	17
B-850	58	<5	51	610	<0.5	<1	<1	120	30	1.40	3	<1	<5	327	0.04	<21	220	14	6.3	<3	<100	<500	<0.5	7.5
B-853	11	<5	25	2100	<0.5	<1	2	120	13	2.11	3	<1	<5	491	0.11	<20	180	6.1	4.3	<3	<100	<500	<0.5	8.2
B-856	8	<5	20	2500	<0.5	<1	11	130	10	3.30	3	<1	<5	570	0.12	<20	190	5.9	4.0	<3	<100	<500	1.5	6.1
B-859	10	<5	11	2600	<0.5	<1	4	160	11	1.21	3	<1	<5	736	0.27	<21	150	3.9	4.1	<3	<100	<500	<0.5	6.3
B-862	8	<5	4.8	2100	<0.5	<1	3	150	8	1.07	3	<1	<5	578	0.59	<22	140	1.6	4.2	<3	<100	<500	1.4	5.9
B-865	<2	<5	7.8	1800	<0.5	<1	7	120	10	2.20	3	<1	<5	503	1.36	<25	160	1.2	8.2	<3	<100	<500	<0.5	7.2
B-868	<2	<5	4.9	2100	<0.5	1	6	180	7	1.37	3	<1	<5	1230	0.30	<20	180	1.7	3.8	<3	<100	<500	<0.5	7.3
B-871	<2	<5	8.6	2100	<0.5	<1	10	130	10	1.64	3	<1	<5	1100	0.40	<20	160	2.9	4.0	<3	<100	<500	<0.5	6.9
B-874	5	<5	7.5	2200	<0.5	2	10	170	9	2.02	4	<1	<5	1190	0.27	<20	150	2.8	3.6	<3	<100	<500	<0.5	6.2
B-877	6	<5	10	2500	<0.5	<1	8	160	9	1.77	3	<1	<5	421	0.92	<24	150	2.3	4.0	<3	<100	<500	1.5	7.9
B-880	10	<5	8.3	2000	<0.5	<1	19	140	9	3.12	3	<1	<5	758	1.43	<29	140	1.2	9.9	<3	<100	<500	<0.5	8.6
B-883	7	<5	8.1	1700	<0.5	2	12	96	8	2.90	3	<1	<5	660	1.66	<28	140	0.9	9.5	<3	<100	<500	<0.5	7.7
B-886	11	<5	7.0	2100	<0.5	<1	8	130	9	1.96	2	<1	<5	1240	0.97	<21	150	1.2	4.0	<3	<100	<500	1.7	6.4
B-889	6	<5	3.4	2100	<0.5	<1	11	180	10	2.37	4	<1	<5	836	0.55	<20	180	1.3	3.8	<3	<100	<500	<0.5	8.0
B-892	8	<5	4.6	2000	<0.5	<1	6	130	7	2.65	3	<1	<5	756	0.45	<20	200	1.3	3.7	<3	<100	<500	<0.5	6.9
B-895	13	<5	2.0	2200	<0.5	<1	9	140	4	1.75	5	<1	<5	627	1.50	<25	120	0.9	5.2	<3	<100	<500	<0.5	6.6
B-898	5	<5	8.3	1800	<0.5	<1	15	130	9	2.39	4	<1	<5	504	0.90	96	120	1.9	5.4	<3	<100	890	1.1	6.6
B-901	7	<5	5.4	2000	<0.5	<1	17	94	9	2.13	4	<1	<5	538	1.16	97	150	1.7	4.0	<3	<100	<500	1.5	6.6
B-904	<2	<5	7.4	1500	<0.5	<1	15	110	8	5.24	5	<1	<5	903	0.08	<20	180	2.8	3.6	<3	<100	<500	1.4	5.9
B-907	<2	<5	21	2200	<0.5	3	7	130	10	4.45	<1	<1	<5	625	0.77	<20	150	6.0	4.6	<3	<100	<500	<0.5	6.4
B-910	5	<5	6.9	1000	<0.5	<1	7	190	14	4.66	4	<1	<5	940	0.04	<20	200	3.4	3.9	<3	<100	<500	1.2	6.6

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
B-913	<2	<5	9.5	2300	<0.5	<1	3	170	9	2.44	4	<1	<5	616	0.09	<20	220	4.7	4.1	<3	<100	<500	1.0	7.0
B-916	<2	<5	9.0	1800	<0.5	<1	12	160	6	6.25	3	<1	<5	1120	0.10	<20	190	3.2	3.7	<3	<100	<500	0.6	7.0
B-919	<2	<5	12	1900	<0.5	<1	29	160	6	5.74	3	<1	<5	1120	0.12	<20	170	2.9	3.7	<3	<100	<500	<0.5	6.0
B-922	<2	<5	15	2300	<0.5	<1	12	170	7	8.35	3	<1	<5	760	0.11	<20	190	5.3	4.0	<3	<100	<500	0.8	6.0
B-925	<2	<5	13	3200	<0.5	<1	4	130	6	3.08	3	<1	<5	890	0.25	<20	200	2.2	3.4	<3	<100	<500	<0.5	6.1
B-928	9	<5	26	1900	<0.5	<1	7	150	16	1.09	3	<1	<5	1530	0.14	74	150	150	3.6	<3	<100	<500	<0.5	6.6
B-931	3	<5	23	2000	<0.5	<1	10	190	15	1.76	4	<1	<5	1890	0.09	<20	190	6.4	3.4	<3	<100	<500	<0.5	6.3
B-934	5	<5	9.1	2500	<0.5	<1	8	170	11	2.02	4	<1	<5	2450	0.16	<20	170	4.0	3.5	<3	<100	<500	0.9	5.6
B-937	<2	<5	6.6	2200	<0.5	<1	6	180	10	2.61	3	<1	<5	1440	0.34	<20	170	2.7	3.8	<3	<100	<500	0.9	6.3
B-940	<2	<5	9.7	2400	<0.5	<1	5	180	6	1.50	3	<1	<5	1090	0.19	<20	200	3.2	2.6	<3	<100	<500	<0.5	5.3
B-943	29	<5	8.6	3900	<0.5	<1	22	140	5	3.30	3	<1	<5	693	0.20	<20	200	2.1	2.4	<3	<100	<500	<0.5	5.6
B-946	4	<5	12	2900	<0.5	<1	5	160	6	1.58	3	<1	<5	601	0.20	<20	230	2.1	2.7	<3	<100	<500	<0.5	6.6
B-949	9	<5	74	2300	<0.5	1	6	120	8	3.02	3	<1	<5	4	0.22	<20	280	2.1	6.0	<3	<100	570	1.6	11
B-952	11	<5	41	1700	<0.5	2	10	140	13	2.66	3	<1	<5	2	0.52	<20	280	5.6	5.2	<3	<100	<500	<0.5	11
B-955	<2	<5	24	380	1.2	3	2	150	10	1.35	2	<1	<5	2	1.67	<21	280	2.4	4.7	<3	<100	<500	2.1	11
B-958	<2	<5	25	1400	<0.5	2	5	160	9	2.01	3	<1	<5	17	1.81	<21	270	4.7	4.9	<3	<100	<500	<0.5	12
B-961	<2	<5	310	1100	<0.5	3	12	130	9	3.93	4	<1	<5	36	1.59	<22	210	3.3	5.2	<3	<100	<500	<0.5	9.5
B-964	13	<5	310	1300	<0.5	<1	7	110	10	3.87	3	<1	<5	2	1.94	110	150	3.8	4.7	<3	<100	<500	1.8	9.9
B-967	<2	<5	260	1500	<0.5	3	4	130	11	3.14	4	<1	<5	2	2.07	<21	120	3.4	5.0	<3	<100	<500	<0.5	10
B-970	8	<5	570	2000	<0.5	3	1	150	16	2.75	3	<1	<5	5	1.02	<20	140	19	4.9	<3	<100	<500	<0.5	11
B-973	<2	<5	13	1300	<0.5	2	3	190	16	2.56	3	<1	<5	8	2.34	<23	81	2.5	4.7	<3	<100	<500	<0.5	11
B-976	<2	<5	7.0	1200	<0.5	<1	<1	140	19	2.15	4	<1	<5	1	2.80	<23	80	1.6	4.8	<3	<100	<500	<0.5	11
B-979	82	<5	1300	2700	<0.5	1	2	130	29	2.30	4	<1	<5	1	0.09	<20	170	18	5.0	<3	<100	<500	<0.5	10
B-982	<2	<5	120	1200	<0.5	5	2	120	24	2.00	3	<1	<5	4	2.08	<22	110	3.1	5.2	<3	<100	<500	2.0	11
B-985	<2	<5	37	950	<0.5	4	<1	120	15	1.37	3	<1	<5	2	3.04	<23	72	1.1	5.5	<3	<100	<500	1.4	11
B-988	<2	<5	2.8	600	<0.5	3	3	130	20	1.62	4	<1	<5	1	3.06	<25	90	1.1	6.5	<3	<100	<500	1.8	11
B-991	<2	<5	50	870	<0.5	3	3	84	26	1.74	4	<1	<5	2	1.22	<20	180	2.7	6.1	<3	<100	<500	<0.5	11
B-994	5	<5	19	1200	<0.5	1	<1	170	14	0.71	3	<1	<5	1610	0.04	<20	110	2.7	3.0	<3	<100	<500	0.7	4.7
B-997	<2	<5	50	1100	<0.5	3	2	130	18	1.37	4	<1	<5	5	1.87	<20	150	1.7	4.2	<3	<100	<500	<0.5	11
C-001	5	<5	6.3	1800	<0.5	2	2	110	8	1.48	4	<1	<5	476	1.34	<20	120	1.0	6.9	<3	<100	<500	<0.5	6.8
C-004	<2	<5	31	670	<0.5	2	2	220	21	1.96	3	<1	<5	899	0.34	<20	140	3.6	9.4	<3	<100	<500	0.8	8.3
C-007	30	<5	91	1100	<0.5	4	2	200	22	2.23	4	<1	<5	32	0.03	74	200	4.7	9.6	<3	<100	<500	1.3	8.2
C-010	3	<5	1.5	1100	<0.5	3	2	140	11	2.48	5	<1	<5	1140	1.33	<20	110	1.9	11	<3	<100	<500	1.4	8.8
C-013	<2	<5	2.1	1700	<0.5	2	2	210	9	2.21	4	<1	<5	427	1.57	<20	100	1.1	9.9	<3	<100	<500	<0.5	8.9
W-758	2	<5	1.9	2100	<0.5	<1	4	130	3	1.88	3	<1	<5	1140	1.10	<20	130	1.1	5.8	<3	<100	740	1.6	7.5
W-761	<2	<5	3.7	2200	<0.5	<1	3	130	3	1.79	3	<1	<5	742	1.36	<20	100	7.5	4.9	<3	<100	<500	<0.5	7.4
W-764	<2	<5	3.6	2300	<0.5	<1	4	170	2	1.43	4	<1	<5	886	1.47	<20	97	0.5	5.3	<3	<100	650	<0.5	7.2
W-767	3	<5	7.3	1700	<0.5	2	4	160	4	2.23	5	<1	<5	1390	0.84	<20	160	9.6	8.8	<3	<100	780	<0.5	10
W-770	7	<5	2.5	1400	<0.5	2	6	180	4	2.27	5	<1	<5	492	1.09	110	140	0.4	10	<3	<100	<500	<0.5	8.5
W-773	<2	<5	18	2000	<0.5	<1	5	100	6	1.95	3	<1	<5	985	0.36	<20	160	26	4.4	<3	<100	<500	<0.5	7.2
W-776	<2	<5	5.8	2300	<0.5	2	4	140	6	2.11	4	<1	<5	1080	0.98	<22	150	7.5	4.2	<3	<100	<500	<0.5	8.4
W-779	3	<5	<0.5	1600	<0.5	<1	4	160	4	1.53	3	<1	<5	771	0.65	<20	92	3.6	9.0	<3	<100	<500	<0.5	6.0
W-782	<2	<5	<0.5	2300	<0.5	<1	3	180	4	1.28	4	<1	<5	989	1.04	<23	140	0.3	4.4	<3	<100	1400	<0.5	7.0
W-785	<2	<5	1.8	2300	<0.5	<1	4	160	3	1.19	2	<1	<5	970	1.33	<23	110	0.4	4.1	<3	<100	680	<0.5	7.2
W-788	<2	<5	<0.5	1400	<0.5	2	6	180	4	2.09	4	<1	<5	750	1.54	<26	69	0.4	10	<3	<100	<500	<0.5	10

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
W-867	3	<5	3.3	1600	<0.5	2	4	240	5	1.53	2	<1	<5	1840	0.44	78	86	1.4	7.6	<3	<100	<500	<0.5	3.5
W-868	<2	<5	3.1	1400	<0.5	2	6	210	5	1.77	3	<1	<5	806	0.68	<20	88	0.9	8.2	<3	<100	<500	<0.5	3.9
W-869	<2	<5	2.5	1700	<0.5	2	7	210	4	2.09	3	<1	<5	899	0.73	<20	75	0.4	9.1	<3	<100	<500	<0.5	4.5
W-870	<2	<5	3.0	1500	<0.5	3	10	220	5	2.51	3	<1	<5	1580	0.97	<20	77	0.8	14	<3	<100	<500	<0.5	3.4
W-871	<2	<5	17	1400	<0.5	3	15	170	16	3.79	2	<1	<5	1420	0.65	<20	140	14	22	<3	<100	<500	<0.5	1.8
W-872	<2	<5	4.6	2300	<0.5	3	14	180	7	3.43	2	<1	<5	1000	1.26	<21	100	1.6	23	<3	<100	<500	<0.5	2.0
W-873	3	<5	12	1100	<0.5	2	20	130	8	4.31	2	<1	<5	1090	1.30	<21	120	1.6	23	<3	<100	<500	<0.5	1.4
W-874	<2	<5	13	2300	<0.5	3	11	170	5	2.37	2	<1	<5	1950	0.89	84	77	12	15	<3	<100	730	<0.5	2.1
W-875	9	<5	5.4	990	<0.5	2	17	130	6	3.63	2	<1	<5	1440	1.61	<20	84	1.6	20	<3	<100	<500	<0.5	1.5
W-876	<2	<5	15	700	<0.5	4	22	150	9	4.57	2	<1	<5	929	1.22	<22	120	5.3	27	<3	<100	<500	<0.5	1.1
W-877	<2	<5	25	870	<0.5	2	14	170	9	2.80	2	<1	<5	959	0.19	<20	110	42	13	<3	<100	<500	<0.5	2.1
W-878	<2	<5	8.7	470	<0.5	3	16	180	7	3.15	2	<1	<5	369	0.55	<20	82	2.9	12	<3	<100	530	<0.5	2.2
W-879	6	<5	4.9	530	<0.5	2	14	200	5	4.08	2	<1	<5	526	0.95	<20	70	1.5	12	<3	<100	<500	<0.5	2.3
W-880	<2	<5	6.6	720	<0.5	2	17	160	4	3.70	3	<1	<5	451	0.85	110	71	1.9	13	<3	<100	<500	<0.5	3.1
W-881	4	<5	4.8	930	<0.5	2	8	140	3	3.52	3	<1	<5	1290	1.21	<20	63	1.1	11	<3	<100	<500	<0.5	3.5
W-962	2	<5	4.8	1500	<0.5	2	17	190	5	4.23	3	<1	<5	517	1.17	<30	65	0.5	19	<3	<100	<500	<0.5	3.7
W-963	<2	<5	2.2	1500	<0.5	2	4	260	4	1.69	3	<1	<5	1310	1.62	<32	65	0.3	14	<3	<100	<500	<0.5	6.4
W-964	<2	<5	2.8	1200	<0.5	2	5	230	4	2.01	2	<1	<5	3280	1.32	<29	63	0.3	14	<3	<100	<500	<0.5	4.4
W-965	<2	<5	2.6	1200	<0.5	2	3	250	3	1.39	<1	<1	<5	9030	0.87	<25	66	0.2	7.4	<3	<100	<500	<0.5	3.6
W-966	<2	<5	3.1	1000	<0.5	<1	2	250	5	2.65	2	<1	<5	1820	0.55	<24	96	1.0	11	<3	<100	820	<0.5	4.7
W-967	<2	<5	4.1	1200	<0.5	<1	<1	190	6	3.93	2	<1	<5	781	0.17	<24	96	0.9	9.7	<3	<100	<500	1.1	7.5
W-968	<2	<5	2.9	1300	<0.5	1	2	220	5	2.66	3	<1	<5	1110	0.31	<22	86	0.7	8.0	<3	<100	540	1.5	5.4
W-969	<2	<5	2.4	1000	<0.5	<1	2	220	4	2.79	3	<1	<5	968	0.15	<21	89	0.7	9.0	<3	<100	<500	<0.5	2.8
W-970	<2	<5	1.9	1200	<0.5	1	3	270	7	3.54	4	<1	<5	1310	1.00	<29	100	0.6	15	<3	<100	<500	1.7	6.3
W-971	<2	<5	1.8	1400	<0.5	<1	2	260	6	2.74	4	<1	<5	347	1.32	<32	120	0.4	9.8	<3	<100	<500	1.7	7.4
W-972	<2	<5	1.4	1100	<0.5	1	2	240	3	2.63	3	<1	<5	2170	0.34	<20	96	0.4	6.5	3	<100	<500	<0.5	7.4
W-973	<2	<5	1.9	1100	<0.5	<1	2	220	4	2.46	3	<1	<5	1290	0.82	<21	110	0.4	10	<3	<100	<500	<0.5	6.5
W-974	9	<5	10	1100	<0.5	2	8	220	10	3.44	4	<1	<5	562	0.68	<23	100	1.3	16	<3	<100	<500	<0.5	5.6
W-975	<2	6	9.5	1000	<0.5	3	12	310	11	4.15	3	<1	<5	809	0.76	<26	120	0.7	17	<3	<100	<500	<0.5	5.4
W-976	5	<5	4.0	1100	<0.5	3	4	240	6	2.23	3	<1	<5	544	1.32	<26	110	0.5	14	<3	<100	<500	<0.5	5.5
W-977	<2	<5	3.4	610	<0.5	3	7	360	8	2.80	2	<1	<5	243	0.45	<20	86	0.5	13	<3	<100	<500	<0.5	4.1
W-978	6	<5	11	1300	<0.5	3	3	230	9	1.63	2	<1	5	1550	0.16	<20	81	2.3	8.0	<3	<100	<500	<0.5	3.6
W-979	<2	<5	3.9	1900	<0.5	3	2	220	8	0.97	2	<1	<5	3710	0.21	<20	86	1.1	7.6	<3	<100	<500	<0.5	4.1
W-980	7	<5	5.2	1300	<0.5	2	2	250	4	1.28	1	<1	<5	833	0.36	<20	66	0.5	9.7	<3	<100	<500	<0.5	3.8
W-981	<2	<5	7.5	1100	<0.5	3	6	290	7	2.16	1	<1	<5	1080	0.19	<20	83	1.3	9.7	<3	<100	<500	<0.5	3.6
W-982	<2	<5	3.0	1500	<0.5	3	2	300	6	1.45	<1	<1	<5	3690	0.06	<20	47	2.3	5.2	<3	<100	<500	<0.5	2.1
W-983	<2	5	8.8	1400	<0.5	3	6	220	12	2.37	2	<1	<5	1470	0.20	<21	90	1.9	14	<3	<100	<500	<0.5	4.7
W-984	<2	<5	15	960	<0.5	4	4	210	9	1.86	1	<1	<5	1750	0.35	<20	86	2.5	12	<3	<100	<500	<0.5	4.1
W-985	<2	<5	3.1	480	<0.5	4	5	230	5	2.07	2	<1	<5	169	1.31	<22	56	0.4	13	<3	<100	<500	<0.5	4.8
B-115	<2	<5	750	2300	<0.5	2	2	130	15	2.65	4	<1	<5	6	0.22	<20	240	6.6	5.1	<3	<100	<500	<0.5	9.9
B-117	<2	5	1200	1500	<0.5	2	2	59	16	2.70	2	<1	<5	2	0.21	<20	200	16	5.2	<3	<100	<500	0.8	8.9
B-119	22	<5	1800	1600	<0.5	<1	3	110	18	3.42	3	<1	<5	3	0.16	<22	200	16	6.5	<3	<100	<500	<0.5	9.2
B-121	12	6	2100	2100	<0.5	2	2	55	13	3.24	3	<1	<5	3	0.73	60	200	43	5.9	<3	<100	<500	<0.5	9.1
B-123	<2	<5	260	2200	<0.5	2	2	69	12	2.21	3	<1	<5	4	0.81	<20	160	3.6	4.2	<3	<100	<500	<0.5	9.8
B-125	12	<5	630	3100	<0.5	3	2	74	13	2.24	4	<1	<5	5	0.86	<20	150	9.2	4.3	<3	<100	<500	<0.5	10

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
B-127	<2	<5	280	2500	<0.5	<1	2	46	13	2.00	3	<1	<5	6	0.95	<20	140	6.3	4.5	<3	<100	<500	<0.5	10
B-129	<2	<5	390	1400	<0.5	2	2	75	15	2.30	2	<1	<5	6	0.85	<21	150	4.6	5.4	<3	<100	<500	1.1	10
B-131	<2	<5	290	1100	<0.5	2	5	35	16	2.68	3	<1	<5	3	0.26	<20	150	3.6	4.7	<3	<100	<500	0.6	10
B-133	26	<5	990	5900	<0.5	2	1	53	17	2.15	3	<1	<5	2	0.22	65	170	13	5.1	<3	<100	<500	<0.5	11
B-135	<2	<5	490	1000	<0.5	2	2	58	14	2.11	4	<1	<5	2	0.62	<20	150	17	6.0	<3	<100	<500	<0.5	11
B-137	12	<5	1300	750	<0.5	2	2	83	16	2.52	3	<1	<5	5	0.35	<20	180	14	5.5	<3	<100	<500	<0.5	12
B-139	40	<5	1400	1100	<0.5	3	2	77	15	2.93	3	<1	<5	3	0.07	<23	180	17	7.3	<3	<100	<500	<0.5	11
B-141	<2	<5	810	870	<0.5	4	2	110	15	2.97	4	<1	<5	1	0.09	<20	200	7.5	5.8	<3	<100	<500	<0.5	11
B-143	<2	<5	390	890	<0.5	2	1	80	17	2.49	4	<1	<5	1	0.08	<20	200	5.6	5.4	<3	<100	<500	<0.5	11
B-145	22	<5	1600	1100	<0.5	3	2	57	15	3.04	4	<1	<5	1	0.08	80	210	18	5.1	<3	<100	<500	<0.5	11
B-147	<3	<5	3100	820	<0.5	2	2	93	15	2.27	3	<1	<5	2	0.51	<23	160	22	4.7	<3	<100	<500	<0.5	10
B-149	<3	<5	3400	2400	<0.5	2	<1	100	14	2.53	4	<1	<5	1	0.88	<27	180	2.4	5.7	<3	<100	<500	<0.5	11
B-151	<3	<5	3100	1700	<0.5	2	2	110	13	2.78	4	<1	<5	1	1.30	<28	160	<0.3	5.7	<3	<100	1100	<0.6	11
B-153	11	<5	1600	1100	<0.5	3	2	96	10	2.16	4	<1	<5	1	1.73	<24	120	32	5.1	<3	<100	<500	<0.5	11
A-165	15	<5	79	1100	<0.5	<1	22	200	29	5.19	5	<1	<5	37	0.07	<20	200	7.2	13	<3	<100	<500	<0.5	8.8
A-168	16	<5	43	710	<0.5	<1	19	150	25	5.49	6	<1	<5	25	0.05	120	180	5.2	11	<3	<100	<500	<0.5	9.6
A-171	27	12	130	1100	<0.5	<1	46	170	45	12.4	6	<1	<5	53	0.32	210	220	4.9	14	<3	<100	<500	<0.5	11
A-174	22	9	22	970	<0.5	2	20	160	19	7.45	5	<1	<5	37	0.07	<22	160	4.0	11	<3	<100	<500	1.3	8.7
A-177	26	<5	23	740	<0.5	<1	30	120	30	7.75	5	<1	<5	49	0.19	<21	170	5.3	9.7	<3	<100	<500	<0.5	8.4
A-180	13	<5	82	520	<0.5	2	29	120	24	6.94	5	<1	<5	65	0.07	<20	140	6.7	8.4	<3	<100	<500	<0.5	7.5
A-183	190	<5	5600	2000	<0.5	<1	11	70	11	3.91	3	<1	<5	20	0.08	100	210	150	4.9	<3	<100	<500	<0.5	6.8
A-186	29	<5	850	1600	<0.5	2	3	71	15	3.15	2	<1	<5	5	0.09	<20	270	24	5.1	<3	<100	<500	<0.5	8.3
A-189	52	<5	1800	1600	<0.5	2	3	82	14	3.00	3	<1	<5	2	0.09	<20	280	41	5.6	<3	<100	<500	<0.5	9.4
A-192	20	<5	4600	1700	<0.5	<1	10	77	8	5.75	2	<1	<5	2	0.13	<25	250	73	5.8	<3	<100	<500	<0.5	8.7
A-195	110	<5	6600	1900	<0.5	<1	2	57	8	4.58	2	<1	<5	1	0.10	<28	270	54	6.0	<3	<100	<500	<0.5	10
A-198	<2	<5	1800	2000	<0.5	<1	6	68	8	3.69	1	<1	<5	1	0.14	<20	210	40	6.5	<3	<100	<500	<0.5	8.6
W-986	<2	<5	17	1200	<0.5	<1	3	94	7	5.45	2	<1	<5	254	0.62	<20	110	0.6	7.0	<3	<100	<500	1.2	7.5
W-989	<2	<5	9.7	1200	<0.5	<1	15	150	8	5.23	2	<1	<5	199	0.75	<20	110	0.3	16	<3	<100	<500	0.9	8.3
W-992	4	<5	8.9	1800	<0.5	<1	14	87	16	4.31	2	<1	<5	143	0.81	<20	130	0.5	10	<3	<100	<500	<0.5	7.9
W-995	<2	<5	15	1100	<0.5	<1	21	150	6	4.80	3	<1	<5	228	1.00	<20	99	0.7	12	<3	<100	550	<0.5	8.3
W-998	<2	<5	20	1100	<0.5	<1	28	140	7	6.06	2	<1	<5	250	1.23	<21	110	0.3	14	<3	<100	<500	1.3	10
W-1001	<2	<5	10	890	<0.5	<1	15	140	7	3.93	2	<1	<5	253	1.20	<22	130	0.3	14	<3	<100	<500	<0.5	8.6
W-1294	<2	<5	7.3	680	<0.5	4	21	120	1	5.89	2	<1	<5	20	1.79	<23	52	0.5	22	5	<100	<500	<0.5	1.7
W-1297	<2	<5	14	1200	<0.5	4	18	140	1	5.07	2	<1	<5	19	1.55	<22	72	0.5	23	<3	<100	<500	<0.5	2.6
W-1300	<2	<5	8.5	590	<0.5	4	15	110	<1	5.38	2	<1	<5	16	1.78	<23	47	0.3	24	<3	<100	<500	0.6	1.5
W-1303	18	<5	25	1400	<0.5	3	20	110	3	7.52	2	<1	<5	24	1.26	<22	71	2.0	21	3	<100	<500	<0.5	2.2
W-1306	<2	<5	61	780	<0.5	6	20	120	6	6.39	1	<1	<5	58	1.58	110	47	3.5	31	<3	<100	<500	<0.5	1.2
W-1309	<2	<5	8.4	1100	<0.5	3	19	160	2	6.27	<1	<1	<5	102	1.35	<21	33	0.6	20	5	<100	700	<0.5	2.3
6886	<2	<5	120	2100	<0.5	<1	1	100	10	2.45	4	<1	<5	22	0.09	<20	230	1.7	6.1	<3	<100	<500	<0.5	8.7
6887	10	8	180	2000	<0.5	<1	3	84	12	2.84	3	<1	<5	22	0.07	<20	210	1.9	5.5	<3	<100	<500	0.7	9.2
6888	10	<5	140	2300	<0.5	<1	5	96	11	3.01	3	<1	<5	27	0.08	<20	220	1.3	5.4	<3	<100	<500	<0.5	9.6
5889	11	<5	77	2000	<0.5	1	4	84	12	2.71	2	<1	<5	48	0.08	<20	220	1.1	5.3	<3	<100	<500	1.0	8.9
6890	4	<5	83	1400	<0.5	<1	4	84	13	2.37	3	<1	<5	9	0.05	<20	200	1.8	5.1	<3	<100	<500	0.6	8.5
6891	10	<5	63	2300	<0.5	<1	5	82	12	2.98	3	<1	<5	74	0.10	<20	200	1.0	5.1	<3	<100	<500	0.9	9.0
6892	8	<5	69	2200	<0.5	<1	5	96	11	3.38	4	<1	<5	41	0.08	<20	220	1.3	5.3	<3	<100	<500	<0.5	9.0

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN PPM	SR PPM	TA PPM	TH PPM
6893	<2	<5	52	2400	<0.5	2	4	89	12	2.65	4	<1	<5	83	0.09	<20	250	1.2	5.4	<3	<100	<500	0.9	8.9
6894	8	<5	53	2700	<0.5	2	4	87	11	2.58	3	<1	<5	84	0.14	<20	240	1.0	5.9	<3	<100	<500	<0.5	9.8
6983	15	<5	49	3500	<0.5	<1	<1	100	9	2.37	3	<1	<5	65	0.58	<20	150	3.4	4.9	<3	<100	<500	<0.5	7.0
6985	13	<5	82	2900	<0.5	<1	2	110	10	2.49	4	<1	<5	151	0.50	91	200	2.9	5.8	<3	<100	<500	<0.5	9.2
6987	10	5	76	2700	<0.5	<1	3	130	9	2.74	2	<1	<5	242	0.66	<20	180	3.1	5.7	<3	<100	<500	<0.5	7.6
6989	11	<5	75	2200	<0.5	<1	7	120	9	2.40	2	<1	<5	111	0.39	<20	150	2.6	5.3	<3	<100	<500	1.3	7.9
6991	10	11	140	2500	<0.5	<1	94	110	8	9.61	3	<1	<5	122	0.42	<20	130	2.5	4.7	<3	<100	<500	<0.5	6.0
6993	15	<5	190	3500	<0.5	<1	27	78	9	3.61	3	<1	<5	96	0.28	<20	170	2.3	4.8	<3	<100	<500	<0.5	7.6
6995	16	18	140	3300	<0.5	<1	22	86	11	3.70	4	<1	<5	31	0.18	<20	160	5.9	5.9	<3	<100	<500	0.9	6.6
6997	18	23	200	2800	<0.5	<1	39	150	18	4.71	4	<1	<5	89	0.17	110	200	4.1	11	<3	<100	<500	<0.5	9.1
6999	6	12	130	2200	<0.5	<1	53	130	12	5.11	2	<1	<5	164	0.35	<20	160	6.1	6.8	<3	<100	<500	<0.5	6.7
7001	17	<5	230	2600	<0.5	1	25	110	11	3.86	3	<1	<5	91	0.12	<20	170	3.6	5.1	<3	<100	<500	1.6	6.2

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
C-026	1.4	24	<50	34	62	24	3.7	1.0	<0.5	1.3	0.18	31.72
C-029	1.8	19	<50	18	33	<5	1.7	0.7	<0.5	0.8	0.13	26.56
C-032	1.9	16	59	20	39	<5	2.0	<0.2	<0.5	0.9	0.15	28.56
C-035	2.0	20	<50	25	46	20	2.6	0.9	<0.5	1.4	0.21	32.83
C-038	1.1	20	<50	27	50	19	2.5	0.7	<0.5	0.9	0.20	26.59
C-041	2.0	23	<50	30	59	21	2.9	0.9	<0.5	1.2	0.20	28.72
C-044	1.8	21	<50	35	63	21	3.0	0.9	<0.5	0.7	0.12	25.39
C-047	3.9	16	<50	33	57	22	3.2	1.0	<0.5	1.2	0.15	25.71
C-049	5.2	18	218	24	44	17	2.8	0.9	<0.5	1.4	0.19	27.00
C-050	5.8	17	250	34	60	19	3.7	1.0	<0.5	1.1	0.19	27.66
C-051	3.7	17	184	35	68	17	4.5	1.3	<0.5	1.8	0.33	29.83
C-052	6.0	18	124	28	51	27	3.6	0.9	<0.5	1.5	0.22	32.81
C-053	5.0	21	142	33	63	28	4.2	1.4	<0.5	2.2	0.34	28.61
C-054	3.3	21	147	28	54	19	3.9	1.1	<0.5	2.4	0.43	29.03
C-055	3.7	12	<50	25	45	19	2.5	0.9	<0.5	1.2	0.18	35.25
C-056	3.6	13	<50	23	43	13	2.5	0.7	<0.5	1.0	0.14	31.74
C-057	3.7	17	73	24	48	22	3.6	1.0	<0.5	1.5	0.22	31.93
C-058	4.6	14	77	19	40	19	3.4	1.0	<0.5	1.6	0.22	32.04
C-059	3.4	18	50	24	44	16	3.4	1.2	<0.5	1.6	0.20	32.42
C-060	4.6	21	<50	35	64	24	4.3	1.4	0.6	2.1	0.26	32.96
C-143	1.0	11	475	24	42	13	2.8	0.9	<0.5	1.5	0.22	27.73
C-146	2.2	11	59	24	44	16	2.9	0.8	<0.5	1.5	0.24	26.04
C-149	1.8	15	<50	27	49	19	3.3	1.0	<0.5	1.7	0.27	27.01
C-152	4.5	19	<50	26	46	17	3.5	1.1	<0.5	2.4	0.36	26.59
C-155	1.9	9	<50	26	44	20	3.1	1.0	<0.5	1.6	0.27	27.08
C-158	2.9	11	77	21	41	17	3.6	1.1	0.5	2.7	0.39	27.32
C-161	2.4	7	<50	24	39	13	2.7	0.9	0.5	1.3	0.23	27.29
C-164	1.1	5	<50	25	43	18	3.1	1.1	<0.5	1.5	0.19	29.88
C-167	3.0	16	<50	17	28	11	2.3	1.0	<0.5	1.8	0.30	24.70
C-170	3.0	13	<50	22	40	17	2.9	1.0	<0.5	2.0	0.28	28.09
C-173	4.5	27	81	41	72	23	4.7	1.3	0.7	2.9	0.48	26.49
C-176	2.1	4	<50	25	45	14	3.1	1.1	<0.5	1.8	0.28	29.18
C-179	2.0	10	<50	23	40	18	2.8	1.0	<0.5	1.5	0.23	28.17
C-182	3.5	16	<50	26	51	22	3.6	1.1	<0.5	1.8	0.29	24.86
C-185	2.1	5	<50	29	50	15	3.2	1.0	<0.5	1.5	0.23	29.54
C-188	2.1	12	<50	18	32	14	2.3	0.9	<0.5	1.7	0.28	26.69
C-191	3.6	22	<50	25	43	18	3.2	1.2	<0.5	3.0	0.44	28.77
C-194	2.5	18	87	26	49	21	3.6	1.0	<0.5	2.3	0.28	27.06
C-197	6.3	20	120	21	35	18	2.8	0.9	<0.5	2.0	0.32	25.91
C-200	<0.5	13	214	22	39	13	2.8	1.0	<0.5	1.4	0.24	27.89
C-203	1.9	23	185	21	39	14	2.8	0.9	<0.5	1.8	0.28	25.30
C-206	3.5	31	153	19	37	14	3.2	0.9	0.5	1.9	0.28	26.38
C-209	3.1	22	343	20	38	17	2.9	1.0	<0.5	1.9	0.31	26.81
C-212	3.2	22	65	26	51	20	3.6	1.0	<0.5	1.9	0.31	27.19
C-215	3.0	24	327	16	37	18	3.8	1.3	0.6	2.0	0.30	26.13

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
C-218	3.2	16	84	17	31	14	2.5	0.9	<0.5	1.1	0.19	27.58
C-221	2.9	28	381	14	29	16	2.7	0.9	<0.5	1.4	0.23	24.62
C-224	2.9	21	57	24	43	20	3.3	1.0	<0.5	1.6	0.25	26.25
C-227	1.7	36	143	18	34	17	2.8	0.9	0.7	1.8	0.25	24.78
C-230	3.9	25	171	17	36	18	3.9	1.1	0.6	1.9	0.31	26.52
C-233	3.4	32	94	22	42	20	3.9	1.0	0.6	2.0	0.34	26.60
C-236	2.6	12	74	24	48	25	4.9	1.2	0.9	2.4	0.33	27.44
C-239	2.6	29	99	16	35	12	3.2	1.0	0.5	1.7	0.25	23.36
C-242	6.0	12	<50	24	40	18	2.7	0.8	<0.5	1.2	0.18	35.65
C-667	3.4	8	<50	19	36	17	3.4	1.0	<0.5	1.8	0.26	26.03
C-670	2.2	17	204	15	33	20	3.6	1.1	0.6	2.1	0.32	24.92
C-673	3.0	8	<50	18	33	17	2.8	1.0	<0.5	1.3	0.20	24.52
C-676	3.0	11	52	17	31	16	3.1	0.9	0.5	1.6	0.27	25.52
C-679	2.8	14	<50	18	38	18	4.0	0.9	0.6	2.6	0.43	25.46
C-682	2.4	8	<50	12	26	13	3.1	0.9	0.7	2.5	0.36	27.51
C-685	4.7	29	<50	26	50	19	4.6	1.2	0.8	2.7	0.45	26.90
C-688	8.7	15	<50	18	40	20	4.0	1.1	<0.5	2.8	0.47	26.78
C-691	2.9	22	<50	15	28	15	2.7	0.7	<0.5	2.0	0.30	26.39
C-694	3.6	18	<50	17	31	16	2.7	0.8	<0.5	1.7	0.25	27.91
C-697	6.7	11	<50	36	65	28	5.5	1.3	0.9	3.6	0.49	27.79
C-700	2.5	10	<50	20	32	14	2.3	0.8	<0.5	1.0	0.12	29.12
C-703	3.8	16	<50	25	45	<5	3.7	1.1	<0.5	1.9	0.33	26.38
C-704	3.8	7	<50	19	44	27	3.7	0.9	<0.5	1.6	0.24	25.81
C-705	3.0	13	50	12	24	<5	2.8	0.8	<0.5	1.3	0.24	28.33
C-706	2.5	11	<50	25	46	15	3.6	1.0	<0.5	1.7	0.27	28.15
C-707	2.1	8	<50	13	28	14	2.6	1.0	0.6	1.6	0.24	27.48
C-708	2.5	19	<50	13	27	12	2.8	0.9	0.6	1.9	0.35	33.65
C-709	3.8	16	<50	14	26	8	2.3	0.7	<0.5	1.4	0.24	24.66
C-710	4.5	19	<50	11	20	13	2.1	0.7	<0.5	1.6	0.24	23.61
C-711	4.0	15	<50	11	23	<5	2.0	0.8	<0.5	1.4	0.28	24.79
C-712	4.1	20	<50	11	27	<5	2.2	1.1	<0.5	1.2	0.19	23.77
C-713	4.3	26	<50	16	30	<5	3.4	2.1	0.6	2.0	0.36	30.23
C-714	4.0	35	<50	15	29	12	2.6	1.1	0.6	1.6	0.23	23.70
C-715	6.2	36	<50	7.2	18	10	1.6	0.8	<0.5	1.3	0.20	24.91
C-716	4.5	17	<50	29	50	20	3.8	0.9	0.6	1.9	0.33	26.22
C-717	5.2	35	<50	17	31	16	2.9	0.7	0.7	2.0	0.30	25.09
C-718	5.6	13	<50	22	42	<5	3.3	0.9	0.6	1.9	0.30	26.48
C-719	5.0	19	<50	26	49	21	3.9	1.0	<0.5	2.3	0.36	26.29
C-720	7.8	29	<50	20	39	21	4.1	1.2	<0.5	2.7	0.41	25.79
C-721	3.8	22	<50	12	26	11	2.4	0.7	<0.5	2.0	0.27	28.27
C-722	6.5	24	<50	18	32	14	3.1	0.6	0.6	2.5	0.43	28.57
C-723	8.1	44	<50	21	35	17	3.6	0.9	<0.5	2.9	0.43	25.63
C-724	6.1	35	152	21	38	14	3.6	0.7	<0.5	2.9	0.44	24.85
C-725	4.6	27	65	14	29	14	2.8	0.6	0.5	2.2	0.31	26.82
C-726	6.2	30	<50	9.8	21	9	2.1	0.6	<0.5	2.2	0.31	27.55

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
C-727	5.8	53	<50	10	22	14	2.2	0.5	<0.5	1.8	0.28	28.45
C-728	5.0	25	<50	8.7	16	8	1.7	0.5	<0.5	1.8	0.23	27.98
C-729	5.1	24	<50	22	41	17	3.4	0.8	0.7	1.9	0.33	24.84
C-730	6.3	27	<50	30	56	22	4.9	1.2	1.1	2.8	0.44	24.91
C-731	7.3	250	<50	27	52	19	4.4	1.2	0.5	2.5	0.38	25.26
C-732	5.1	12	<50	27	52	20	4.2	1.2	<0.5	2.5	0.38	28.76
C-733	7.6	32	107	29	53	22	4.2	1.2	<0.5	2.8	0.38	25.23
C-734	6.5	30	53	23	44	19	4.0	1.1	<0.5	2.5	0.40	25.77
C-735	6.7	17	<50	42	69	27	4.6	1.0	<0.5	2.2	0.34	27.00
C-736	8.5	45	<50	32	60	24	4.4	1.2	0.8	2.4	0.39	23.89
C-737	17	12	<50	33	61	27	4.2	1.1	0.7	2.5	0.42	26.06
C-738	8.0	21	<50	23	46	20	3.5	1.0	0.6	2.3	0.33	27.42
C-739	12	19	<50	21	39	20	3.5	0.8	<0.5	2.3	0.37	25.19
C-740	16	13	<50	21	41	24	4.1	1.0	1.2	2.4	0.36	26.11
C-741	9.0	20	<50	24	49	25	4.1	0.9	0.8	2.2	0.32	27.70
C-742	4.7	9	<50	18	33	22	2.7	0.5	0.5	1.2	0.24	26.91
C-743	5.1	25	<50	15	30	12	2.6	0.8	0.6	1.9	0.30	27.91
C-744	4.4	120	<50	13	26	11	2.6	0.9	0.7	2.1	0.33	30.87
C-745	7.4	48	<50	17	35	17	4.0	1.2	0.6	3.1	0.48	28.08
C-746	5.7	11	<50	25	47	21	4.4	1.1	0.6	2.5	0.38	27.73
C-747	7.6	52	<50	28	54	27	4.7	1.2	0.9	2.4	0.36	30.82
C-748	5.4	22	<50	23	42	22	3.9	1.0	0.6	2.2	0.25	26.71
C-749	7.2	12	<50	26	51	23	4.2	0.9	<0.5	2.4	0.39	28.29
C-750	8.3	13	59	20	37	15	3.8	1.2	0.7	2.5	0.45	27.70
C-751	16	18	<50	35	61	23	3.9	0.9	<0.5	2.1	0.38	23.88
C-752	9.4	31	<50	22	42	21	4.1	1.0	<0.5	2.9	0.41	24.55
W-003	2.2	20	<50	30	57	24	2.8	0.7	<0.5	1.0	0.16	21.52
W-006	<0.5	13	<50	42	73	22	3.9	1.1	<0.5	0.8	0.16	20.77
W-009	2.6	21	<50	26	48	17	2.8	0.8	<0.5	1.0	0.18	33.33
W-012	3.4	27	96	36	68	25	4.3	1.2	<0.5	1.9	0.34	24.47
W-015	3.0	18	131	39	70	29	4.4	1.1	<0.5	1.8	0.27	33.66
W-018	3.7	19	83	47	84	30	5.3	1.3	0.8	1.8	0.27	26.61
W-021	3.8	13	464	52	89	31	5.0	1.3	0.7	1.7	0.23	31.73
W-024	4.2	17	103	21	40	19	3.5	0.9	<0.5	1.9	0.31	29.03
W-027	4.1	14	93	35	59	21	3.5	1.0	<0.5	1.6	0.25	29.35
W-030	2.9	12	<50	23	41	14	2.3	0.8	<0.5	1.1	0.13	33.01
W-033	2.7	14	60	24	42	17	2.5	0.9	0.5	1.3	0.20	31.33
W-036	3.7	8	<50	34	59	22	3.6	1.2	<0.5	1.3	0.21	31.18
W-039	4.2	9	83	36	64	21	3.9	1.3	<0.5	1.5	0.25	29.62
W-042	4.5	14	190	30	58	23	4.7	1.4	0.8	2.6	0.44	32.02
W-045	4.5	12	56	29	52	21	4.1	1.1	0.7	2.3	0.39	36.75
W-048	4.0	19	<50	31	57	24	4.6	1.0	0.8	2.7	0.41	39.33
W-051	4.9	20	<50	28	61	25	4.4	1.3	<0.5	2.5	0.41	32.95
W-054	6.5	20	86	33	76	25	4.8	1.4	<0.5	2.6	0.47	30.92
W-057	3.4	16	82	51	96	25	4.9	1.4	1.1	1.9	0.34	33.49

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
W-060	3.5	11	89	31	59	17	3.5	1.3	<0.5	1.6	0.28	33.28
W-063	2.2	14	85	39	62	24	3.9	1.4	0.5	1.6	0.29	31.02
W-066	4.3	13	87	85	130	41	5.2	1.7	<0.5	2.0	0.28	30.19
W-095	4.7	23	<50	10	24	<5	1.4	0.8	<0.5	1.0	0.18	30.73
W-098	4.9	24	<50	31	54	21	3.0	1.0	<0.5	1.5	0.24	32.55
W-101	6.0	19	<50	32	56	14	2.9	1.3	<0.5	2.0	0.28	32.77
W-104	6.4	26	<50	60	110	25	4.8	1.4	<0.5	2.2	0.49	32.81
W-107	3.9	25	<50	17	32	11	2.1	0.7	<0.5	1.5	0.25	35.44
W-110	9.2	53	<50	17	29	14	1.7	0.5	<0.5	1.2	0.23	32.04
W-113	9.0	110	<50	29	51	22	2.8	0.9	<0.5	1.3	0.25	31.67
W-116	5.0	24	<50	33	60	17	3.3	1.0	0.6	1.3	0.26	31.04
W-119	1.9	10	<50	24	44	13	2.7	0.8	<0.5	1.3	0.23	33.66
W-122	2.3	9	119	29	50	19	3.4	1.1	<0.5	1.4	0.26	30.15
W-125	2.6	23	219	23	47	24	3.6	0.9	<0.5	1.8	0.31	25.58
W-128	5.5	27	124	37	71	27	3.4	1.0	<0.5	1.7	0.30	22.73
W-131	5.4	25	196	46	83	23	4.1	1.1	<0.5	2.0	0.33	25.37
W-134	3.2	32	224	50	85	31	4.4	1.1	<0.5	2.0	0.36	24.35
W-137	3.9	48	161	44	76	28	4.2	1.2	<0.5	2.0	0.29	24.05
W-140	4.5	33	104	51	96	24	4.6	1.1	<0.5	2.1	0.37	25.93
W-143	3.3	24	<50	55	94	29	4.4	1.1	<0.5	1.9	0.31	31.22
W-146	3.6	31	<50	34	62	19	3.6	1.0	<0.5	2.1	0.28	31.65
W-149	3.8	41	65	48	88	31	5.2	1.1	0.7	2.0	0.37	31.14
W-152	3.5	35	64	21	45	17	3.3	0.8	0.8	2.0	0.36	28.18
W-155	3.0	42	<50	21	50	24	3.6	0.9	<0.5	1.2	0.29	29.45
W-158	2.2	11	<50	14	26	14	2.4	1.0	<0.5	1.4	0.23	29.33
W-161	4.8	54	<50	36	76	27	4.4	1.4	<0.5	1.9	0.31	29.91
W-164	5.9	57	186	29	51	14	3.0	1.1	<0.5	1.6	0.27	30.11
W-167	3.8	68	<50	32	60	25	3.5	1.3	<0.5	1.8	0.31	31.59
W-170	2.8	15	122	23	52	26	4.7	1.3	<0.5	2.3	0.33	32.18
W-173	2.7	29	<50	17	41	20	3.7	1.5	<0.5	2.0	0.32	30.02
W-176	2.9	34	184	19	41	24	3.6	1.1	0.5	1.9	0.33	28.64
W-179	2.7	8	70	23	45	20	3.6	1.2	<0.5	1.9	0.32	30.90
W-182	3.5	19	119	31	57	28	4.4	0.8	0.6	2.4	0.42	30.83
W-185	3.1	19	217	20	42	19	3.6	1.2	<0.5	2.0	0.35	29.35
W-188	2.6	15	119	20	46	18	3.5	1.0	0.6	1.7	0.30	28.34
W-191	3.5	22	85	27	57	25	3.9	1.3	<0.5	1.8	0.31	31.38
W-194	3.1	10	<50	26	46	17	3.1	1.1	<0.5	1.4	0.24	29.69
W-197	2.6	8	161	20	38	15	2.6	0.8	<0.5	1.3	0.21	33.90
W-200	2.6	9	86	27	47	18	3.2	1.0	<0.5	1.5	0.27	29.27
W-203	4.7	<1	<50	44	80	27	5.1	1.7	<0.5	1.9	0.36	33.00
W-206	4.4	4	<50	44	82	28	5.2	1.8	<0.5	2.1	0.35	27.66
W-209	2.7	10	<50	19	37	17	2.5	1.0	<0.5	1.2	0.19	32.54
W-212	3.8	13	66	18	39	16	3.2	1.1	<0.5	2.8	0.45	30.90
W-215	4.6	14	<50	49	82	29	4.2	1.5	0.6	1.9	0.34	30.62
W-218	3.6	15	<50	79	120	33	3.8	1.4	<0.5	1.6	0.29	26.65

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
W-221	4.4	19	<50	82	120	29	4.1	1.1	<0.5	1.6	0.25	30.01
W-224	3.1	13	<50	34	64	29	4.3	1.1	0.6	2.3	0.36	32.79
W-227	3.3	24	<50	34	64	33	4.9	1.1	0.6	2.2	0.37	24.33
W-230	2.7	17	<50	16	37	26	3.8	1.0	0.6	2.1	0.35	24.76
W-233	3.5	25	75	26	49	19	3.7	1.1	<0.5	2.0	0.31	27.41
W-236	3.8	11	60	19	39	21	3.7	0.9	<0.5	2.1	0.34	22.82
W-239	2.2	5	<50	20	43	31	4.3	1.0	0.7	2.0	0.31	26.57
W-258	6.1	10	84	33	64	23	4.2	1.4	<0.5	1.8	0.32	24.05
W-261	6.1	8	300	36	71	19	4.1	1.5	<0.5	1.7	0.32	28.45
W-264	5.7	13	559	32	62	24	4.0	1.4	<0.5	1.6	0.29	29.60
W-267	5.4	18	112	29	60	20	4.1	1.4	<0.5	1.9	0.32	24.38
W-270	5.7	38	366	43	80	27	4.6	1.8	<0.5	1.9	0.30	25.36
W-273	6.0	37	189	41	81	24	4.7	1.7	0.7	1.9	0.34	25.40
W-276	6.0	16	103	29	61	25	3.9	1.4	<0.5	1.5	0.27	24.49
W-279	6.9	67	<50	33	67	27	4.3	1.6	<0.5	1.8	0.34	23.94
W-282	5.4	73	146	34	66	23	4.1	1.5	<0.5	2.0	0.32	24.77
W-285	5.8	100	139	42	80	24	4.6	1.7	0.7	1.9	0.31	25.60
W-288	5.8	53	723	43	81	25	4.3	1.6	<0.5	1.8	0.30	24.69
W-291	6.4	38	189	37	67	27	4.4	1.9	<0.5	1.7	0.34	27.88
W-294	6.9	30	<50	35	64	24	4.2	1.8	<0.5	1.7	0.30	24.36
W-297	6.5	65	90	37	77	29	4.4	1.7	<0.5	1.9	0.27	23.17
B-841	2.5	15	71	32	56	26	3.0	0.8	<0.5	1.0	0.12	21.71
B-844	1.8	13	<50	26	55	22	2.6	1.0	<0.5	0.6	0.10	20.65
B-847	6.7	9	<50	22	43	15	2.0	0.7	<0.5	1.2	0.25	26.28
B-850	2.8	12	<50	40	72	25	4.1	1.3	<0.5	0.9	0.20	26.47
B-853	1.9	12	62	27	55	16	3.2	1.1	<0.5	0.9	0.19	25.68
B-856	2.3	14	59	20	43	15	2.2	0.9	<0.5	0.9	0.20	25.09
B-859	3.9	8	69	20	39	16	2.8	1.1	<0.5	0.9	0.14	26.04
B-862	2.0	7	<50	18	32	11	2.5	1.1	<0.5	1.0	0.16	29.88
B-865	4.3	6	112	27	53	23	3.6	1.1	<0.5	1.8	0.31	29.81
B-868	3.0	10	163	31	58	21	2.9	0.7	<0.5	1.1	0.22	26.31
B-871	6.3	9	95	27	46	20	3.0	0.8	0.5	0.9	0.17	28.58
B-874	3.0	10	113	26	47	16	2.7	0.9	<0.5	1.3	0.20	24.47
B-877	3.2	12	138	35	64	23	3.5	1.3	<0.5	1.6	0.28	25.39
B-880	6.3	13	293	41	75	26	5.1	1.7	<0.5	2.7	0.44	25.62
B-883	4.1	13	<50	41	68	28	4.4	1.4	<0.5	1.7	0.28	29.59
B-886	3.6	12	<50	25	47	21	2.6	1.0	<0.5	1.1	0.16	27.84
B-889	3.7	31	92	22	42	12	2.4	1.0	<0.5	1.0	0.21	23.72
B-892	3.8	38	82	20	35	15	2.3	0.9	<0.5	1.1	0.18	26.98
B-895	3.0	39	147	31	53	21	3.2	1.3	<0.5	1.1	0.23	28.44
B-898	4.4	32	269	39	69	18	4.4	1.5	0.6	2.7	0.43	27.87
B-901	5.7	350	335	33	54	22	3.4	1.0	1.1	1.6	0.28	30.27
B-904	2.9	650	153	48	78	32	4.6	0.9	<0.5	1.6	0.29	27.41
B-907	2.7	1400	<50	30	55	31	3.8	1.3	<0.5	1.6	0.29	26.29
B-910	3.1	21	159	41	71	19	3.7	1.0	<0.5	1.5	0.28	23.74

Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
B-913	3.0	25	<50	20	39	14	2.4	0.7	0.8	1.5	0.29	23.74
B-916	1.8	19	<50	25	50	18	2.6	0.6	<0.5	1.2	0.24	25.71
B-919	3.9	20	<50	26	57	21	2.5	0.6	<0.5	1.0	0.22	26.45
B-922	2.0	18	<50	24	50	20	2.4	0.6	<0.5	1.0	0.17	27.98
B-925	2.0	20	<50	9.1	16	10	1.4	0.6	<0.5	1.0	0.19	27.29
B-928	2.6	18	86	31	51	18	2.6	0.9	<0.5	1.1	0.23	25.32
B-931	2.6	12	244	36	62	25	3.2	0.8	<0.5	1.4	0.26	26.12
B-934	2.1	14	128	26	44	13	2.5	0.7	<0.5	1.2	0.23	28.93
B-937	3.1	11	133	26	43	15	2.8	0.8	<0.5	1.4	0.24	26.34
B-940	1.9	21	<50	8.1	17	9	1.5	0.5	<0.5	0.8	0.16	26.31
B-943	1.3	20	<50	10	26	14	1.9	0.5	<0.5	0.9	0.19	29.01
B-946	2.1	24	<50	4.5	12	<5	1.1	0.6	<0.5	1.1	0.19	26.77
B-949	5.7	13	<50	28	57	25	3.9	0.9	<0.5	1.2	0.25	26.97
B-952	11	9	<50	32	66	30	5.6	1.2	<0.5	1.9	0.33	27.10
B-955	11	13	51	29	59	22	4.1	1.0	<0.5	2.1	0.28	25.38
B-958	5.7	5	<50	17	40	23	5.0	1.3	<0.5	2.1	0.34	26.24
B-961	4.7	<1	<50	20	42	15	4.2	1.5	0.6	1.9	0.31	25.96
B-964	5.3	4	<50	34	66	35	5.2	1.5	<0.5	1.8	0.32	27.81
B-967	5.6	<1	<50	22	48	16	4.2	1.5	<0.5	1.8	0.34	26.75
B-970	5.5	3	<50	22	48	22	4.0	1.4	<0.5	1.8	0.33	22.23
B-973	5.2	<1	<50	22	47	21	3.7	1.2	<0.5	1.7	0.30	22.16
B-976	5.5	<1	<50	21	46	17	4.0	1.5	<0.5	1.7	0.31	25.76
B-979	4.2	<1	<50	22	48	24	4.0	1.4	<0.5	1.5	0.32	24.79
B-982	5.7	<1	<50	31	63	23	4.5	1.8	<0.5	1.7	0.33	24.31
B-985	5.1	3	<50	27	60	22	5.6	1.9	<0.5	2.1	0.36	26.63
B-988	5.3	<1	<50	27	58	25	5.6	1.7	<0.5	1.9	0.31	24.12
B-991	4.1	<1	<50	36	73	27	5.1	1.5	<0.5	1.8	0.31	26.43
B-994	1.7	4	<50	8.5	20	13	1.7	0.6	<0.5	0.7	0.15	25.16
B-997	4.2	<1	<50	21	45	21	4.6	1.4	<0.5	1.9	0.33	25.62
C-001	3.0	4	<50	11	23	11	2.1	0.8	<0.5	1.1	0.21	39.00
C-004	2.7	24	<50	12	24	11	2.0	0.7	<0.5	1.2	0.21	26.12
C-007	2.7	39	<50	16	31	12	2.4	0.9	<0.5	1.5	0.23	26.03
C-010	3.4	3	50	17	31	15	2.4	0.8	<0.5	1.5	0.23	34.81
C-013	3.2	5	<50	14	30	14	2.8	1.0	<0.5	1.6	0.31	27.43
W-758	3.3	14	<50	19	39	18	3.6	0.9	<0.5	1.8	0.31	30.07
W-761	2.7	17	294	25	52	16	3.4	1.0	<0.5	1.4	0.27	28.44
W-764	3.2	7	<50	26	50	13	3.4	1.0	0.7	1.6	0.28	26.73
W-767	3.1	40	837	36	73	24	5.9	1.3	0.9	3.7	0.60	26.31
W-770	4.1	14	187	35	65	27	4.9	1.3	0.7	3.8	0.64	30.65
W-773	3.7	24	157	20	46	13	3.9	1.2	<0.5	2.2	0.34	29.52
W-776	2.0	31	108	18	41	27	3.6	0.8	<0.5	1.7	0.25	26.99
W-779	4.0	26	182	15	29	14	2.6	0.7	<0.5	1.7	0.34	35.26
W-782	3.2	22	78	22	42	22	3.5	1.2	<0.5	1.8	0.29	25.54
W-785	3.3	18	<50	19	36	15	3.3	1.1	0.7	1.8	0.32	29.38
W-788	3.8	15	72	18	44	22	3.9	1.1	1.0	2.4	0.31	30.84

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
W-791	3.1	29	<50	18	34	19	2.8	1.0	<0.5	1.3	0.26	32.98
W-794	2.5	12	66	16	33	21	3.0	0.8	<0.5	1.5	0.23	29.20
W-797	2.4	19	<50	26	51	23	3.5	1.2	<0.5	1.5	0.28	31.16
W-800	3.0	30	<50	17	38	18	3.3	1.1	<0.5	1.8	0.28	29.26
W-803	3.7	63	<50	19	41	20	3.4	1.1	<0.5	1.5	0.29	27.83
W-806	3.4	37	<50	22	48	26	4.2	1.3	<0.5	2.5	0.38	27.18
W-809	6.2	37	65	14	28	15	3.2	0.7	0.7	2.1	0.32	28.53
W-812	4.3	25	<50	26	50	20	3.8	1.0	0.8	2.3	0.41	31.36
W-815	2.9	15	103	20	39	20	2.7	1.0	<0.5	1.2	0.23	24.76
W-818	5.5	47	99	38	83	41	7.3	1.8	1.2	3.5	0.58	26.51
W-821	2.2	13	75	14	31	19	3.2	1.0	<0.5	1.5	0.30	33.35
W-824	3.3	23	71	25	54	18	4.4	1.4	0.8	2.3	0.38	28.26
W-827	2.9	18	60	22	47	20	3.8	0.9	<0.5	2.0	0.38	30.07
W-830	4.1	39	<50	31	56	20	4.2	0.9	<0.5	2.6	0.48	28.32
W-833	5.2	40	102	53	93	34	5.4	1.9	1.3	2.4	0.41	34.62
W-837	5.4	50	152	30	64	22	4.2	1.4	0.9	2.1	0.35	30.36
W-838	4.7	22	84	25	49	25	4.1	1.2	<0.5	2.1	0.37	30.61
W-839	2.9	16	51	15	29	16	2.8	0.8	0.6	1.8	0.32	34.80
W-840	3.7	14	55	25	47	20	4.0	1.0	0.8	2.5	0.40	29.38
W-841	4.0	11	<50	32	66	28	4.7	1.3	0.8	2.5	0.47	31.10
W-842	3.1	19	85	26	53	21	3.9	0.8	<0.5	2.3	0.43	27.99
W-843	4.0	9	74	24	44	21	3.6	0.9	0.7	2.2	0.35	33.64
W-844	3.6	11	69	24	50	15	3.6	1.1	<0.5	1.9	0.33	28.49
W-845	0.5	1	<50	3.5	7	<5	0.4	<0.2	<0.5	0.2	<0.05	30.38
W-846	2.9	7	74	24	45	21	3.0	1.0	<0.5	1.1	0.20	29.86
W-847	4.0	11	89	25	48	23	3.8	1.2	0.8	2.4	0.38	33.34
W-848	4.7	12	<50	59	90	24	4.0	1.1	<0.5	2.0	0.35	32.47
W-849	3.1	27	<50	33	55	26	3.1	0.7	<0.5	1.9	0.33	31.46
W-850	1.4	17	58	13	23	11	2.0	0.5	<0.5	1.3	0.23	33.73
W-851	2.2	13	<50	16	33	15	2.5	0.6	<0.5	1.3	0.22	32.07
W-852	2.0	20	<50	21	40	15	2.7	0.7	<0.5	1.4	0.25	35.39
W-853	2.2	15	<50	27	50	20	3.2	0.8	<0.5	1.0	0.18	29.99
W-854	2.3	35	53	21	40	21	2.7	0.9	<0.5	1.1	0.21	29.95
W-855	2.3	16	<50	20	38	16	2.7	0.9	<0.5	1.0	0.21	30.75
W-856	2.7	11	<50	19	35	17	2.8	0.7	<0.5	1.2	0.22	28.25
W-857	3.7	40	60	24	47	25	3.8	1.0	<0.5	2.4	0.43	27.15
W-858	4.7	64	<50	24	46	21	3.5	0.8	0.6	2.0	0.32	32.81
W-859	3.6	39	<50	26	56	21	3.6	1.1	<0.5	2.3	0.40	27.41
W-860	3.1	31	66	24	46	19	3.3	0.9	<0.5	1.8	0.34	27.59
W-861	2.6	15	57	22	44	13	3.1	0.9	<0.5	2.0	0.31	28.63
W-862	2.6	29	61	20	40	22	3.0	0.6	<0.5	1.7	0.33	26.93
W-863	3.7	12	79	20	38	16	2.8	0.8	<0.5	1.6	0.29	31.92
W-864	2.4	9	<50	16	29	13	2.0	0.7	<0.5	1.1	0.19	28.87
W-865	0.9	7	<50	12	25	12	1.7	0.3	<0.5	0.7	0.14	30.61
W-866	2.3	9	<50	14	26	13	2.3	0.7	<0.5	1.4	0.27	33.06

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
W-867	1.9	14	<50	12	23	12	2.2	0.5	<0.5	1.3	0.23	30.64
W-868	2.1	7	<50	14	27	15	2.3	0.6	<0.5	1.5	0.26	31.16
W-869	2.4	29	68	17	33	14	2.4	0.6	<0.5	1.5	0.26	32.44
W-870	2.3	8	68	18	30	17	2.9	0.6	0.6	2.0	0.37	31.74
W-871	3.0	41	<50	13	25	15	2.7	0.6	0.7	2.9	0.45	26.28
W-872	2.8	14	101	13	29	12	2.9	0.6	0.6	2.5	0.38	29.30
W-873	2.0	14	109	12	21	9	2.7	0.6	0.6	2.4	0.40	30.29
W-874	2.2	12	<50	11	23	11	2.3	0.4	<0.5	1.8	0.31	31.26
W-875	1.8	14	77	18	34	13	3.0	0.8	<0.5	2.3	0.38	33.94
W-876	2.1	44	145	17	38	14	3.5	1.1	<0.5	2.7	0.43	31.12
W-877	4.0	20	60	15	28	14	2.7	0.6	<0.5	2.3	0.38	28.43
W-878	3.2	22	53	15	26	17	2.7	0.8	<0.5	2.0	0.38	27.31
W-879	4.1	47	95	25	48	15	3.1	1.0	0.5	2.2	0.33	29.54
W-880	2.3	27	111	30	47	19	3.1	0.8	<0.5	2.2	0.36	31.18
W-881	3.7	39	69	24	39	16	2.9	0.9	<0.5	2.2	0.39	33.58
W-962	3.4	20	<50	17	31	17	3.4	1.1	0.6	2.9	0.45	35.31
W-963	3.1	18	<50	21	46	23	3.8	1.2	<0.5	2.0	0.32	32.35
W-964	2.6	10	<50	21	45	28	3.6	0.8	0.7	2.0	0.33	33.15
W-965	1.6	11	<50	19	35	37	2.7	<0.2	<0.5	1.2	0.22	29.67
W-966	3.7	20	<50	11	22	12	2.3	0.5	<0.5	1.7	0.24	29.68
W-967	6.7	38	<50	26	55	28	4.0	0.8	<0.5	1.7	0.29	28.07
W-968	5.3	37	<50	14	28	17	2.6	0.6	<0.5	1.3	0.27	28.84
W-969	4.3	28	<50	6.3	13	12	1.3	0.4	<0.5	1.3	0.23	26.28
W-970	5.6	63	<50	13	28	16	2.7	0.8	<0.5	2.0	0.32	28.58
W-971	5.5	32	90	23	52	24	3.7	0.9	<0.5	2.0	0.28	26.64
W-972	5.0	20	<50	5.9	16	8	1.1	0.2	<0.5	0.9	0.22	30.02
W-973	3.1	21	<50	7.5	15	<5	1.7	0.5	<0.5	1.3	0.21	31.20
W-974	3.9	13	86	19	32	17	3.0	0.6	<0.5	1.9	0.34	31.85
W-975	2.7	16	<50	22	44	17	3.5	0.8	<0.5	2.1	0.40	29.30
W-976	2.6	21	108	21	42	16	3.4	1.0	<0.5	1.9	0.32	30.56
W-977	2.4	7	78	15	33	15	2.9	0.6	<0.5	1.8	0.33	31.60
W-978	2.5	14	<50	14	28	17	2.3	0.5	<0.5	1.4	0.24	34.50
W-979	3.2	9	<50	21	39	21	2.8	0.6	<0.5	1.5	0.29	28.69
W-980	3.0	6	<50	20	40	14	3.1	0.6	<0.5	1.8	0.29	27.72
W-981	2.0	7	63	15	33	16	2.8	0.6	<0.5	1.8	0.35	26.23
W-982	1.2	9	<50	23	45	28	4.2	1.0	<0.5	1.9	0.29	26.43
W-983	2.7	13	<50	18	36	22	3.2	0.7	<0.5	2.0	0.38	27.89
W-984	2.7	10	<50	18	40	18	3.2	0.7	<0.5	1.9	0.35	26.64
W-985	3.0	8	78	23	50	19	3.3	1.0	0.7	1.9	0.34	31.01
B-115	3.5	33	87	26	56	22	4.1	1.4	<0.5	1.6	0.27	23.27
B-117	4.0	29	203	29	55	24	4.2	1.5	<0.5	1.4	0.27	35.07
B-119	5.0	30	168	35	73	40	6.4	2.2	<0.5	1.2	0.23	25.68
B-121	4.3	34	<50	28	51	23	4.0	1.3	<0.5	1.2	0.22	33.89
B-123	3.4	34	<50	17	32	11	2.1	0.7	<0.5	1.0	0.18	28.84
B-125	5.7	31	58	15	29	10	1.9	0.7	<0.5	1.1	0.19	25.26

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
B-127	6.0	26	<50	19	33	13	2.3	1.0	<0.5	1.0	0.21	31.39
B-129	11	17	<50	18	34	12	2.1	0.9	<0.5	1.3	0.21	24.01
B-131	5.7	8	120	23	42	13	2.9	1.1	<0.5	1.6	0.26	33.99
B-133	5.3	6	<50	20	41	12	3.0	1.1	<0.5	1.8	0.30	35.43
B-135	5.7	5	128	39	81	41	6.3	2.0	<0.5	1.9	0.30	28.38
B-137	8.6	5	<50	22	42	17	2.9	1.3	<0.5	2.0	0.29	25.37
B-139	5.5	<1	<50	70	150	71	12	3.0	<0.5	1.6	0.36	23.52
B-141	5.6	4	<50	22	46	15	3.2	1.2	<0.5	1.8	0.35	20.03
B-143	6.6	4	<50	31	62	19	4.2	1.6	<0.5	2.0	0.34	24.43
B-145	5.5	<1	63	16	31	13	2.6	1.1	<0.5	2.4	0.41	28.17
B-147	6.7	5	<50	14	26	16	3.2	1.3	<0.5	3.5	0.55	23.94
B-149	5.6	6	<50	37	70	37	5.8	2.1	<0.5	2.0	0.32	23.88
B-151	5.2	5	<50	27	54	27	4.2	1.5	<0.5	1.8	0.32	22.36
B-153	6.8	5	<50	26	50	15	3.9	1.5	<0.5	1.5	0.22	28.29
A-165	4.6	29	243	33	66	27	4.7	1.1	0.7	2.9	0.48	29.26
A-168	3.2	34	157	41	79	26	4.7	1.0	0.9	2.4	0.40	34.86
A-171	4.7	52	3650	89	150	44	8.2	1.7	0.9	3.9	0.62	29.35
A-174	4.4	69	280	120	200	56	9.3	2.1	<0.5	2.7	0.44	33.35
A-177	6.0	63	178	100	160	47	7.5	1.9	0.8	2.4	0.40	35.80
A-180	2.8	33	115	66	110	31	5.0	1.6	<0.5	2.4	0.37	37.03
A-183	15	56	<50	54	73	23	4.1	1.4	<0.5	1.7	0.32	31.74
A-186	5.4	12	97	31	53	20	3.3	1.1	<0.5	1.3	0.22	33.06
A-189	4.2	5	<50	37	65	23	3.8	1.3	<0.5	1.5	0.25	32.73
A-192	2.5	15	<50	83	130	36	5.7	0.7	<0.5	1.8	0.29	33.76
A-195	6.2	8	<50	53	88	32	4.9	1.5	<0.5	1.9	0.29	30.43
A-198	4.7	18	<50	74	120	33	6.3	1.3	<0.5	2.0	0.34	32.66
W-986	1.7	15	<50	17	35	15	1.9	0.4	<0.5	0.8	0.14	30.05
W-989	3.8	18	<50	31	64	25	4.7	1.0	<0.5	2.1	0.35	33.25
W-992	4.4	13	<50	26	52	19	3.4	0.8	<0.5	1.6	0.24	36.76
W-995	2.9	15	<50	23	49	16	3.6	0.8	<0.5	1.8	0.34	33.40
W-998	4.4	18	62	20	43	14	3.5	0.9	<0.5	2.6	0.44	34.33
W-1001	3.1	14	<50	25	55	26	4.4	0.9	<0.5	2.6	0.45	30.15
W-1294	2.6	4	130	6.4	13	8	2.1	0.9	<0.5	2.7	0.50	36.70
W-1297	2.0	5	<50	10	23	7	2.8	0.9	<0.5	2.6	0.43	35.79
W-1300	1.6	6	208	7.8	20	9	2.6	0.9	<0.5	3.3	0.55	38.45
W-1303	3.2	52	686	11	22	10	3.0	1.0	<0.5	3.2	0.52	37.21
W-1306	1.3	26	344	7.8	18	7	2.6	0.9	<0.5	3.0	0.44	33.85
W-1309	3.3	9	79	8.9	18	8	2.5	0.8	<0.5	2.7	0.48	35.32
6886	3.5	41	446	32	60	24	3.3	1.0	<0.5	1.2	0.22	25.27
6887	3.1	35	2790	32	61	21	3.7	1.1	<0.5	1.5	0.28	28.81
6888	4.9	35	3390	33	63	22	4.0	1.3	<0.5	1.6	0.31	28.80
5889	4.8	20	3920	33	64	23	3.9	1.3	0.6	1.9	0.34	28.96
6890	5.9	39	2890	29	55	21	3.5	1.1	<0.5	1.7	0.29	27.94
6891	4.6	55	2590	32	62	24	3.9	1.2	<0.5	1.8	0.30	30.38
6892	5.2	51	3330	31	60	24	4.2	1.4	<0.5	1.8	0.29	29.20

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Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
6893	5.4	120	3170	32	62	25	4.2	1.4	<0.5	2.0	0.27	28.62
6894	5.2	67	3340	31	62	22	4.1	1.3	<0.5	2.2	0.34	28.03
6983	1.5	20	<50	51	95	29	5.0	1.1	0.6	2.3	0.34	27.47
6985	2.5	28	<50	60	100	37	5.1	1.2	<0.5	1.5	0.27	25.66
6987	2.3	20	126	37	65	24	3.6	1.0	<0.5	1.2	0.24	26.85
6989	2.5	16	<50	48	90	28	4.5	1.1	<0.5	1.1	0.17	25.94
6991	2.9	23	331	36	70	21	4.7	1.2	0.6	2.2	0.36	33.32
6993	5.0	31	718	46	86	32	5.0	1.3	<0.5	2.0	0.36	31.38
6995	6.0	32	1520	39	73	25	4.3	1.0	<0.5	1.9	0.31	30.96
6997	8.3	47	1500	31	61	22	3.9	1.1	<0.5	2.4	0.42	29.52
6999	5.8	16	766	37	70	25	4.5	1.2	<0.5	2.0	0.35	31.64
7001	3.8	28	1110	36	67	23	4.2	1.2	0.7	2.1	0.32	29.12

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
C-026	285.	30.	63.	14.	5.2	2.	52.	237.	<0.5	26.	68.	0.02	0.027	0.31	0.14	7.20	5.96	4.	<2.
C-029	254.	15.	26.	11.	<0.4	2.	32.	219.	<0.5	<5.	45.	0.05	0.014	0.21	0.09	7.18	5.58	2.	<2.
C-032	208.	30.	50.	12.	1.0	4.	47.	207.	<0.5	<5.	38.	0.04	0.039	0.23	0.07	6.60	4.96	2.	<2.
C-035	186.	60.	24.	32.	0.6	4.	53.	211.	<0.5	<5.	59.	0.06	0.059	0.31	0.10	6.94	4.81	4.	<2.
C-038	214.	19.	35.	12.	0.4	2.	48.	164.	<0.5	<5.	39.	0.02	0.040	0.28	0.06	7.80	5.29	2.	<2.
C-041	260.	34.	41.	16.	0.5	2.	38.	162.	<0.5	<5.	51.	0.02	0.049	0.31	0.08	7.86	5.42	4.	<2.
C-044	223.	61.	30.	13.	0.7	2.	41.	136.	<0.5	<5.	35.	0.01	0.058	0.25	0.07	7.78	4.53	2.	<2.
C-047	137.	173.	18.	86.	<0.4	10.	169.	239.	<0.5	<5.	35.	0.36	0.055	0.31	0.06	7.79	4.94	6.	<2.
C-049	153.	250.	21.	142.	<0.4	10.	147.	252.	<0.5	<5.	49.	0.15	0.067	0.28	0.08	8.22	4.84	6.	<2.
C-050	197.	353.	1560.	140.	2.1	23.	74.	156.	2.1	<5.	62.	0.06	0.166	0.38	0.05	8.45	4.03	5.	<2.
C-051	214.	441.	27.	156.	0.5	20.	262.	159.	1.2	<5.	58.	0.18	0.083	0.34	0.09	8.37	4.90	10.	<2.
C-052	170.	2285.	76.	120.	1.3	41.	95.	123.	1.6	<5.	78.	0.11	0.158	0.40	0.10	9.40	4.61	10.	2.
C-053	172.	284.	28.	126.	<0.4	31.	220.	213.	1.6	<5.	64.	0.25	0.103	0.37	0.09	9.95	5.94	12.	2.
C-054	189.	178.	19.	116.	<0.4	23.	428.	162.	2.1	<5.	76.	0.78	0.076	0.84	0.13	9.39	5.03	13.	2.
C-055	336.	86.	24.	28.	<0.4	13.	29.	89.	<0.5	<5.	50.	0.08	0.056	0.27	0.08	8.09	4.25	6.	<2.
C-056	213.	393.	21.	50.	<0.4	13.	60.	90.	<0.5	<5.	42.	0.11	0.060	0.30	0.09	8.17	3.91	6.	<2.
C-057	565.	316.	35.	62.	0.4	17.	59.	97.	0.7	<5.	43.	0.20	0.080	0.38	0.07	8.66	4.62	8.	<2.
C-058	734.	449.	23.	51.	<0.4	33.	81.	156.	<0.5	<5.	50.	0.19	0.107	0.35	0.08	8.98	4.60	8.	<2.
C-059	314.	667.	21.	69.	<0.4	47.	77.	212.	<0.5	<5.	52.	0.24	0.127	0.33	0.09	9.71	5.31	11.	2.
C-060	280.	428.	16.	42.	<0.4	29.	31.	133.	<0.5	<5.	57.	0.21	0.124	0.32	0.11	9.39	5.18	10.	<2.
C-143	763.	34.	89.	375.	1.1	5.	106.	317.	5.6	<5.	34.	1.55	0.059	0.39	0.07	6.41	5.89	11.	<2.
C-146	723.	17.	43.	47.	0.5	6.	144.	349.	0.8	<5.	32.	1.85	0.056	0.48	0.07	6.62	5.88	12.	<2.
C-149	867.	49.	52.	79.	0.5	14.	177.	262.	0.9	<5.	47.	1.84	0.053	0.68	0.13	5.99	5.25	12.	<2.
C-152	401.	16.	24.	37.	<0.4	14.	251.	226.	<0.5	<5.	58.	3.27	0.046	0.65	0.16	5.56	4.06	12.	<2.
C-155	580.	14.	18.	27.	<0.4	5.	174.	246.	<0.5	<5.	34.	2.14	0.062	0.49	0.13	6.17	3.92	10.	<2.
C-158	518.	23.	55.	85.	0.6	5.	176.	426.	1.1	18.	41.	1.87	0.073	0.60	0.15	7.69	4.77	16.	<2.
C-161	1182.	9.	28.	18.	0.4	5.	143.	462.	<0.5	<5.	27.	0.98	0.050	0.54	0.09	6.11	5.15	12.	<2.
C-164	2140.	8.	30.	24.	<0.4	4.	134.	477.	<0.5	<5.	31.	1.18	0.059	0.72	0.10	6.21	5.21	13.	<2.
C-167	1178.	10.	42.	49.	0.5	8.	197.	321.	0.8	<5.	26.	1.36	0.039	0.28	0.08	6.24	5.34	8.	<2.
C-170	1489.	18.	120.	49.	1.7	6.	140.	505.	0.8	<5.	31.	1.19	0.051	0.57	0.11	6.58	5.31	14.	<2.
C-173	1807.	39.	47.	48.	0.6	13.	206.	366.	<0.5	<5.	54.	2.42	0.085	0.66	0.21	6.84	4.89	16.	<2.
C-176	1040.	21.	19.	30.	<0.4	2.	194.	624.	<0.5	<5.	39.	1.56	0.071	0.87	0.16	6.80	4.81	14.	<2.
C-179	1941.	13.	31.	29.	0.4	3.	161.	491.	<0.5	<5.	32.	1.58	0.052	0.53	0.13	6.23	5.08	12.	<2.
C-182	1029.	38.	87.	64.	1.0	7.	185.	247.	<0.5	<5.	33.	2.61	0.052	0.66	0.13	6.47	4.57	10.	<2.
C-185	1339.	41.	17.	28.	<0.4	6.	182.	511.	<0.5	<5.	37.	1.51	0.060	0.77	0.14	6.64	4.58	16.	<2.
C-188	2089.	7.	24.	30.	<0.4	4.	66.	490.	0.7	<5.	18.	1.27	0.039	0.21	0.06	7.56	6.62	12.	<2.
C-191	1578.	28.	20.	52.	<0.4	9.	144.	540.	0.9	<5.	30.	1.62	0.047	0.55	0.11	8.34	6.23	17.	<2.
C-194	2441.	9.	28.	83.	<0.4	3.	85.	398.	1.2	<5.	28.	1.29	0.045	0.33	0.07	6.52	6.34	12.	<2.
C-197	829.	19.	96.	87.	0.5	5.	85.	285.	1.3	<5.	30.	1.57	0.052	0.29	0.08	6.20	5.07	12.	<2.
C-200	1265.	41.	262.	159.	1.6	4.	131.	422.	2.5	<5.	34.	1.68	0.054	0.54	0.12	6.13	5.22	13.	<2.
C-203	1649.	30.	182.	159.	0.8	7.	90.	283.	2.4	<5.	33.	1.33	0.042	0.37	0.05	5.87	5.37	8.	<2.
C-206	1560.	23.	69.	101.	0.5	12.	185.	252.	1.5	<5.	46.	2.52	0.044	0.66	0.13	4.82	3.61	12.	<2.
C-209	1277.	36.	145.	282.	0.6	4.	86.	372.	4.1	<5.	22.	1.83	0.047	0.31	0.10	6.98	5.83	13.	<2.
C-212	1085.	38.	53.	61.	<0.4	4.	104.	288.	1.0	<5.	25.	2.49	0.051	0.27	0.08	7.37	5.35	11.	<2.
C-215	1140.	192.	603.	264.	6.2	4.	75.	408.	4.1	21.	17.	1.16	0.072	0.24	0.05	8.12	6.97	12.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
C-218	1256.	11.	57.	69.	<0.4	6.	132.	542.	1.2	<5.	27.	1.30	0.057	0.40	0.08	6.53	5.15	11.	<2.
C-221	1343.	17.	47.	256.	0.6	4.	110.	353.	4.3	<5.	25.	1.39	0.050	0.32	0.07	6.24	4.90	11.	<2.
C-224	1132.	21.	54.	68.	0.6	7.	141.	686.	1.0	<5.	35.	1.47	0.057	0.42	0.10	6.91	5.65	11.	<2.
C-227	1693.	14.	75.	124.	0.9	7.	197.	294.	1.7	<5.	35.	3.60	0.054	0.33	0.10	6.27	4.72	12.	<2.
C-230	1422.	8.	97.	135.	1.0	15.	113.	630.	2.2	<5.	26.	1.23	0.046	0.21	0.09	5.81	5.40	13.	<2.
C-233	953.	46.	49.	116.	0.5	46.	236.	674.	1.5	<5.	72.	1.31	0.069	0.70	0.15	5.59	4.18	13.	<2.
C-236	1263.	9.	41.	62.	<0.4	7.	110.	681.	1.2	<5.	23.	1.38	0.038	0.25	0.08	6.38	4.52	16.	<2.
C-239	1435.	18.	108.	71.	2.3	11.	193.	292.	1.6	6.	35.	2.97	0.058	0.24	0.10	6.52	5.01	11.	<2.
C-242	1481.	18.	55.	77.	0.7	18.	179.	629.	1.4	<5.	39.	1.46	0.055	0.46	0.12	6.60	5.16	13.	<2.
C-667	1851.	12.	25.	40.	<0.4	9.	170.	1092.	<0.5	<5.	29.	1.25	0.057	0.58	0.12	6.71	4.95	16.	<2.
C-670	1321.	18.	36.	192.	<0.4	23.	262.	306.	3.3	<5.	77.	2.46	0.061	0.68	0.18	6.41	4.97	14.	<2.
C-673	1325.	9.	26.	31.	<0.4	8.	153.	417.	<0.5	<5.	29.	1.33	0.048	0.41	0.10	6.20	4.59	12.	<2.
C-676	1445.	14.	28.	61.	<0.4	13.	153.	288.	0.8	<5.	65.	1.62	0.066	0.38	0.12	6.29	4.63	12.	<2.
C-679	1293.	13.	19.	49.	<0.4	24.	210.	295.	0.8	<5.	112.	1.08	0.064	0.91	0.16	5.81	4.75	16.	<2.
C-682	1707.	7.	13.	23.	<0.4	6.	123.	504.	0.6	<5.	26.	0.95	0.033	0.43	0.10	6.43	4.82	19.	<2.
C-685	1271.	23.	24.	48.	<0.4	31.	353.	284.	0.5	<5.	140.	3.04	0.089	1.08	0.22	7.59	5.27	14.	<2.
C-688	1759.	15.	17.	29.	<0.4	19.	218.	310.	0.6	<5.	99.	1.42	0.054	0.74	0.16	6.77	5.46	14.	<2.
C-691	1268.	35.	11.	30.	<0.4	37.	248.	234.	0.5	<5.	100.	0.80	0.082	0.99	0.19	4.96	4.18	14.	<2.
C-694	1683.	26.	15.	27.	<0.4	26.	223.	197.	<0.5	<5.	115.	2.18	0.080	0.55	0.15	5.11	3.61	10.	<2.
C-697	1807.	15.	14.	30.	<0.4	20.	211.	347.	0.5	<5.	106.	0.76	0.064	0.98	0.20	6.80	6.20	19.	<2.
C-700	1549.	17.	12.	22.	<0.4	11.	142.	535.	<0.5	<5.	31.	2.04	0.046	0.48	0.12	5.74	4.03	11.	<2.
C-703	3067.	23.	14.	33.	<0.4	31.	249.	328.	0.7	<5.	126.	1.40	0.060	1.03	0.23	6.23	4.35	12.	<2.
C-704	1848.	10.	20.	35.	<0.4	14.	179.	452.	<0.5	<5.	64.	1.39	0.056	0.74	0.17	5.90	5.01	12.	<2.
C-705	1493.	9.	7.	28.	<0.4	18.	202.	409.	<0.5	<5.	74.	1.60	0.065	0.77	0.16	6.01	4.14	13.	<2.
C-706	2195.	30.	5.	31.	<0.4	23.	257.	299.	<0.5	<5.	89.	1.65	0.061	1.18	0.23	6.21	3.66	16.	<2.
C-707	1908.	11.	7.	29.	<0.4	19.	215.	550.	0.7	<5.	65.	1.43	0.080	0.93	0.19	7.21	4.80	13.	<2.
C-708	2806.	11.	5.	27.	<0.4	22.	235.	558.	0.8	<5.	67.	2.50	0.109	0.60	0.15	6.57	5.69	13.	<2.
C-709	1144.	14.	5.	23.	<0.4	17.	186.	406.	<0.5	<5.	58.	1.89	0.059	0.45	0.10	5.65	4.29	8.	<2.
C-710	2173.	22.	6.	26.	<0.4	25.	208.	476.	<0.5	<5.	66.	2.41	0.066	0.43	0.11	6.24	4.60	8.	<2.
C-711	1870.	57.	8.	26.	<0.4	23.	195.	624.	<0.5	<5.	54.	2.22	0.068	0.53	0.12	6.91	4.29	10.	<2.
C-712	2016.	63.	5.	15.	<0.4	16.	726.	272.	0.5	<5.	29.	4.44	0.046	1.57	0.06	5.72	3.67	8.	<2.
C-713	1230.	7.	10.	17.	<0.4	25.	3564.	217.	<0.5	<5.	65.	9.59	0.033	4.89	0.04	3.15	2.20	14.	<2.
C-714	1952.	8.	6.	21.	<0.4	13.	278.	393.	0.5	<5.	51.	2.15	0.051	0.70	0.09	6.38	4.79	8.	<2.
C-715	1911.	6.	13.	21.	<0.4	12.	218.	526.	<0.5	<5.	33.	1.86	0.044	0.48	0.06	6.20	4.82	6.	<2.
C-716	3138.	23.	7.	30.	<0.4	31.	280.	519.	<0.5	<5.	106.	2.09	0.064	1.13	0.17	6.26	4.38	12.	<2.
C-717	1797.	25.	10.	27.	<0.4	42.	240.	448.	<0.5	<5.	117.	1.60	0.077	1.01	0.15	5.60	3.90	11.	<2.
C-718	2183.	25.	6.	28.	<0.4	42.	261.	469.	<0.5	<5.	123.	1.73	0.073	1.11	0.17	5.94	4.19	11.	<2.
C-719	1524.	25.	5.	32.	<0.4	34.	260.	361.	<0.5	<5.	138.	1.53	0.081	1.08	0.21	6.66	4.35	13.	<2.
C-720	2175.	141.	7.	38.	<0.4	112.	304.	248.	0.5	<5.	125.	1.73	0.062	1.26	0.20	6.42	2.96	18.	<2.
C-721	1707.	37.	5.	24.	<0.4	43.	207.	193.	<0.5	<5.	191.	1.02	0.054	0.81	0.13	4.36	2.70	13.	<2.
C-722	1241.	99.	5.	30.	<0.4	67.	249.	204.	<0.5	<5.	293.	1.66	0.124	0.89	0.15	4.55	1.77	22.	<2.
C-723	989.	57.	9.	37.	<0.4	66.	307.	262.	<0.5	<5.	393.	1.53	0.050	1.55	0.23	8.29	4.47	13.	<2.
C-724	1834.	60.	10.	33.	<0.4	63.	311.	225.	<0.5	<5.	301.	1.66	0.048	1.39	0.20	6.41	3.29	14.	<2.
C-725	920.	49.	6.	22.	<0.4	62.	184.	157.	<0.5	<5.	205.	1.31	0.110	0.61	0.10	3.96	2.13	14.	<2.
C-726	549.	68.	5.	23.	<0.4	51.	188.	157.	<0.5	<5.	188.	1.36	0.053	0.66	0.13	4.88	2.44	13.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
C-727	1026.	17.	5.	21.	<0.4	43.	190.	170.	<0.5	<5.	183.	1.51	0.040	0.43	0.09	4.31	2.44	8.	<2.
C-728	576.	39.	12.	33.	<0.4	42.	262.	218.	<0.5	<5.	173.	2.18	0.036	0.55	0.13	4.75	3.02	8.	<2.
C-729	3230.	20.	6.	27.	<0.4	33.	251.	255.	<0.5	<5.	111.	2.18	0.079	0.76	0.16	5.80	3.77	13.	<2.
C-730	1512.	23.	7.	35.	<0.4	33.	258.	272.	<0.5	<5.	158.	1.53	0.080	1.05	0.20	8.30	5.09	13.	<2.
C-731	728.	133.	10.	36.	<0.4	124.	303.	285.	<0.5	<5.	94.	2.21	0.081	1.21	0.24	8.10	2.98	17.	<2.
C-732	620.	193.	12.	43.	<0.4	100.	303.	293.	<0.5	<5.	107.	2.00	0.069	1.21	0.25	8.25	2.74	17.	<2.
C-733	816.	22.	13.	34.	<0.4	36.	264.	451.	<0.5	<5.	156.	1.88	0.072	1.25	0.22	8.57	4.39	12.	<2.
C-734	1681.	19.	9.	38.	<0.4	39.	255.	326.	<0.5	<5.	151.	1.57	0.069	1.29	0.22	8.00	4.36	13.	<2.
C-735	903.	16.	11.	38.	<0.4	40.	248.	302.	<0.5	<5.	136.	1.66	0.077	1.12	0.21	7.82	3.61	13.	<2.
C-736	2346.	27.	13.	35.	<0.4	40.	332.	355.	<0.5	<5.	151.	1.93	0.061	1.30	0.20	7.23	4.36	12.	<2.
C-737	1540.	16.	13.	40.	<0.4	38.	290.	371.	0.5	<5.	162.	1.67	0.071	1.34	0.24	8.66	4.81	13.	2.
C-738	1341.	16.	7.	30.	<0.4	37.	238.	376.	<0.5	<5.	119.	2.05	0.059	1.04	0.16	6.41	3.40	12.	<2.
C-739	2290.	20.	15.	33.	<0.4	42.	239.	400.	<0.5	<5.	120.	2.05	0.095	1.06	0.17	6.38	3.39	14.	<2.
C-740	1875.	22.	16.	28.	<0.4	38.	281.	693.	0.5	<5.	130.	3.22	0.059	1.00	0.19	7.00	2.97	16.	<2.
C-741	2424.	27.	12.	31.	<0.4	39.	449.	298.	<0.5	<5.	149.	2.39	0.055	1.23	0.21	7.83	3.30	14.	<2.
C-742	5226.	12.	9.	21.	<0.4	20.	133.	220.	<0.5	<5.	85.	1.01	0.044	0.75	0.13	4.84	2.83	10.	<2.
C-743	1513.	25.	13.	32.	<0.4	37.	232.	265.	0.5	<5.	120.	1.66	0.062	1.20	0.19	6.36	3.23	12.	<2.
C-744	866.	29.	15.	37.	0.4	36.	253.	284.	<0.5	<5.	103.	1.68	0.049	1.15	0.18	6.14	3.39	11.	<2.
C-745	728.	39.	17.	40.	0.4	40.	278.	312.	0.7	<5.	140.	1.88	0.060	1.20	0.22	8.63	3.93	14.	<2.
C-746	1761.	49.	12.	34.	<0.4	49.	275.	313.	<0.5	<5.	154.	1.61	0.069	1.26	0.24	8.27	4.29	13.	<2.
C-747	1281.	108.	12.	38.	0.4	80.	274.	342.	<0.5	<5.	157.	2.41	0.069	1.22	0.25	8.71	3.26	16.	<2.
C-748	1936.	92.	13.	33.	<0.4	79.	239.	484.	<0.5	<5.	113.	2.28	0.060	1.01	0.19	6.53	2.76	13.	<2.
C-749	1373.	62.	14.	37.	<0.4	89.	265.	325.	<0.5	<5.	174.	2.13	0.068	1.51	0.28	8.48	3.09	16.	<2.
C-750	2443.	46.	18.	37.	<0.4	60.	259.	442.	<0.5	<5.	150.	2.15	0.069	1.23	0.23	8.65	3.73	14.	<2.
C-751	2296.	96.	16.	30.	<0.4	71.	174.	653.	0.7	<5.	114.	1.69	0.071	1.00	0.17	7.69	3.39	13.	<2.
C-752	1439.	18.	9.	29.	<0.4	28.	239.	314.	<0.5	<5.	142.	2.67	0.054	1.12	0.15	8.35	4.35	13.	<2.
W-003	264.	37.	31.	10.	1.4	5.	40.	235.	<0.5	<5.	63.	0.03	0.052	0.25	0.08	8.18	6.42	2.	<2.
W-006	453.	78.	33.	32.	1.3	6.	83.	285.	<0.5	<5.	38.	0.03	0.067	0.25	0.08	7.80	6.09	4.	<2.
W-009	161.	145.	24.	40.	6.4	6.	72.	347.	<0.5	<5.	69.	0.26	0.081	0.44	0.14	7.30	3.91	5.	<2.
W-012	582.	161.	22.	76.	0.7	16.	131.	281.	0.7	<5.	77.	0.07	0.073	0.36	0.13	10.30	7.31	8.	<2.
W-015	311.	233.	37.	109.	0.9	18.	422.	252.	2.5	<5.	53.	0.85	0.067	0.52	0.09	9.30	6.65	11.	<2.
W-018	169.	122.	33.	67.	1.0	11.	402.	222.	0.9	<5.	43.	0.99	0.074	0.57	0.09	8.80	5.91	11.	<2.
W-021	223.	215.	248.	383.	6.1	16.	485.	238.	6.9	<5.	35.	0.59	0.073	0.37	0.08	8.79	6.88	11.	<2.
W-024	299.	218.	16.	79.	0.5	18.	443.	199.	1.1	<5.	60.	1.02	0.067	0.70	0.11	7.43	4.28	11.	<2.
W-027	488.	467.	23.	67.	1.0	19.	342.	209.	0.9	<5.	56.	1.01	0.067	0.65	0.14	6.80	4.83	10.	<2.
W-030	903.	338.	20.	70.	0.7	10.	361.	196.	1.0	<5.	31.	0.77	0.048	0.44	0.08	6.41	5.10	7.	<2.
W-033	845.	283.	16.	90.	1.3	16.	275.	201.	3.0	<5.	32.	0.61	0.059	0.37	0.07	6.87	5.45	8.	<2.
W-036	133.	83.	14.	45.	<0.4	5.	346.	1933.	<0.5	<5.	40.	2.05	0.099	0.64	0.13	8.39	3.96	13.	<2.
W-039	63.	110.	21.	60.	0.6	8.	361.	313.	0.7	<5.	40.	2.57	0.100	0.60	0.12	8.66	4.31	13.	<2.
W-042	324.	201.	89.	178.	2.6	31.	643.	117.	7.7	<5.	65.	1.58	0.066	1.10	0.11	8.23	4.21	16.	2.
W-045	366.	366.	5.	58.	0.5	37.	391.	213.	<0.5	<5.	96.	1.48	0.055	2.17	0.25	7.38	4.27	14.	2.
W-048	241.	445.	18.	59.	0.6	24.	457.	357.	0.6	<5.	91.	2.01	0.075	1.90	0.24	7.41	3.27	18.	2.
W-051	694.	233.	15.	53.	<0.4	41.	303.	228.	0.7	<5.	103.	1.57	0.056	2.04	0.26	8.38	4.16	16.	2.
W-054	353.	175.	11.	64.	0.4	36.	465.	230.	0.7	<5.	95.	2.03	0.054	1.74	0.27	8.48	4.70	14.	2.
W-057	344.	182.	48.	94.	1.4	20.	582.	125.	2.1	<5.	50.	1.06	0.060	0.75	0.08	6.86	4.73	12.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
W-060	416.	124.	19.	110.	<0.4	17.	386.	346.	1.1	<5.	69.	1.95	0.074	1.19	0.16	7.94	4.71	10.	<2.
W-063	334.	88.	38.	100.	0.4	15.	426.	380.	1.3	<5.	58.	2.45	0.079	1.09	0.14	7.44	5.60	8.	<2.
W-066	362.	169.	15.	73.	<0.4	16.	377.	286.	0.9	<5.	64.	1.67	0.070	0.96	0.14	6.57	5.17	11.	<2.
W-095	340.	8.	15.	20.	<0.4	9.	105.	150.	<0.5	<5.	32.	1.15	0.052	0.72	0.06	6.79	4.83	6.	<2.
W-098	654.	10.	9.	16.	<0.4	15.	112.	507.	<0.5	<5.	41.	1.11	0.077	0.63	0.09	7.95	6.84	8.	<2.
W-101	455.	17.	23.	28.	<0.4	12.	186.	2634.	<0.5	<5.	62.	1.02	0.060	0.94	0.14	8.66	7.46	8.	<2.
W-104	380.	22.	43.	22.	<0.4	16.	181.	371.	<0.5	11.	67.	1.24	0.056	0.93	0.15	8.54	6.75	12.	<2.
W-107	443.	6.	17.	17.	<0.4	7.	100.	255.	0.5	<5.	48.	0.83	0.068	0.53	0.08	6.94	6.30	7.	<2.
W-110	1157.	9.	18.	21.	<0.4	15.	109.	251.	0.6	<5.	49.	0.79	0.056	0.49	0.08	6.28	5.34	6.	<2.
W-113	678.	39.	102.	46.	0.6	15.	141.	261.	0.8	34.	54.	1.04	0.054	0.55	0.10	6.45	5.90	7.	<2.
W-116	436.	47.	31.	26.	<0.4	9.	123.	294.	<0.5	<5.	38.	0.91	0.068	0.42	0.08	6.37	5.64	8.	<2.
W-119	830.	64.	19.	35.	<0.4	7.	156.	349.	<0.5	<5.	42.	1.01	0.056	0.55	0.11	6.41	5.03	11.	<2.
W-122	441.	43.	88.	85.	1.4	12.	169.	316.	1.3	<5.	42.	1.09	0.048	0.61	0.11	6.56	5.74	10.	<2.
W-125	1070.	211.	144.	156.	2.1	9.	79.	147.	3.2	33.	51.	0.81	0.047	0.35	0.08	6.64	4.74	7.	<2.
W-128	522.	40.	97.	75.	1.3	12.	157.	249.	1.6	11.	44.	0.97	0.054	0.60	0.09	6.55	4.88	7.	<2.
W-131	682.	38.	128.	159.	1.2	22.	268.	304.	3.1	<5.	69.	0.97	0.058	1.16	0.14	7.23	6.15	8.	<2.
W-134	423.	43.	227.	174.	2.9	29.	247.	202.	2.9	7.	76.	1.11	0.060	1.11	0.14	6.51	5.35	10.	<2.
W-137	522.	37.	52.	90.	0.5	22.	278.	274.	1.4	12.	73.	1.42	0.069	0.77	0.12	6.90	5.86	8.	<2.
W-140	311.	37.	594.	102.	10.4	21.	284.	282.	1.2	26.	83.	1.14	0.072	0.97	0.12	6.59	5.41	8.	<2.
W-143	386.	24.	17.	35.	<0.4	18.	244.	293.	<0.5	<5.	58.	1.32	0.064	0.79	0.09	7.00	6.18	8.	<2.
W-146	809.	17.	24.	27.	<0.4	17.	233.	233.	<0.5	<5.	58.	1.33	0.055	0.78	0.09	6.71	5.86	7.	<2.
W-149	825.	12.	22.	23.	<0.4	13.	153.	245.	<0.5	<5.	49.	0.99	0.052	0.59	0.08	6.54	6.05	7.	<2.
W-152	731.	13.	23.	36.	<0.4	10.	132.	246.	<0.5	<5.	37.	1.01	0.046	0.53	0.08	6.12	5.94	6.	<2.
W-155	759.	10.	16.	23.	<0.4	9.	160.	249.	<0.5	<5.	40.	1.10	0.051	0.62	0.07	5.93	5.96	7.	<2.
W-158	1241.	10.	15.	19.	<0.4	4.	135.	376.	0.8	<5.	32.	1.00	0.053	0.41	0.09	6.37	5.78	10.	<2.
W-161	283.	13.	25.	36.	<0.4	12.	251.	261.	<0.5	<5.	68.	1.85	0.078	0.88	0.12	7.12	5.10	7.	<2.
W-164	342.	54.	151.	185.	0.4	9.	222.	272.	2.8	<5.	53.	1.67	0.071	0.68	0.12	7.15	5.27	8.	<2.
W-167	346.	24.	87.	79.	0.5	12.	259.	354.	1.1	<5.	62.	1.51	0.073	0.82	0.15	6.93	4.86	12.	<2.
W-170	761.	13.	40.	61.	<0.4	3.	113.	467.	1.2	<5.	22.	1.17	0.039	0.48	0.08	6.77	5.47	14.	<2.
W-173	777.	13.	39.	59.	<0.4	2.	113.	431.	0.9	<5.	23.	1.05	0.040	0.52	0.08	6.93	6.10	12.	<2.
W-176	1581.	15.	88.	184.	0.4	3.	104.	418.	3.1	<5.	20.	1.07	0.038	0.44	0.07	6.80	5.47	12.	<2.
W-179	995.	22.	28.	34.	<0.4	3.	150.	612.	0.6	<5.	28.	1.05	0.047	0.54	0.12	7.14	5.73	13.	<2.
W-182	624.	84.	16.	72.	<0.4	49.	503.	255.	0.8	<5.	113.	2.00	0.060	2.98	0.41	8.50	4.05	17.	2.
W-185	820.	40.	61.	189.	0.7	6.	153.	575.	2.3	<5.	30.	1.07	0.042	0.58	0.12	7.76	5.75	14.	<2.
W-188	1147.	20.	207.	116.	2.8	2.	131.	442.	1.4	16.	25.	0.84	0.044	0.45	0.10	6.45	5.61	12.	<2.
W-191	871.	16.	23.	76.	<0.4	5.	185.	590.	1.4	<5.	36.	1.02	0.059	0.62	0.15	7.81	5.82	14.	<2.
W-194	731.	14.	17.	42.	<0.4	2.	207.	589.	<0.5	<5.	33.	1.15	0.061	0.56	0.13	6.60	4.87	12.	<2.
W-197	1028.	36.	27.	112.	0.4	5.	172.	485.	2.0	<5.	37.	1.06	0.057	0.55	0.11	6.21	4.40	11.	<2.
W-200	947.	45.	48.	62.	0.8	5.	198.	512.	0.8	<5.	40.	1.24	0.064	0.60	0.13	6.49	4.58	13.	<2.
W-203	5.	11.	17.	69.	<0.4	3.	782.	971.	<0.5	<5.	129.	4.23	0.211	1.93	0.55	9.69	2.58	20.	2.
W-206	2.	13.	16.	69.	<0.4	2.	786.	914.	<0.5	<5.	127.	3.74	0.209	1.95	0.54	9.52	2.69	20.	2.
W-209	892.	7.	20.	26.	<0.4	4.	168.	591.	<0.5	<5.	29.	1.88	0.057	0.50	0.11	6.98	5.40	12.	<2.
W-212	880.	8.	47.	73.	0.6	11.	281.	460.	1.1	7.	62.	1.80	0.046	1.02	0.18	8.24	5.93	14.	<2.
W-215	586.	16.	19.	31.	<0.4	5.	225.	539.	<0.5	<5.	41.	1.84	0.089	0.61	0.12	7.97	4.73	13.	<2.
W-218	1121.	5.	21.	25.	<0.4	5.	190.	629.	<0.5	<5.	39.	2.50	0.057	0.55	0.10	6.69	4.74	12.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
W-221	782.	6.	14.	31.	<0.4	5.	192.	584.	<0.5	<5.	43.	1.94	0.061	0.58	0.08	6.69	4.96	11.	<2.
W-224	733.	116.	19.	40.	0.5	36.	443.	438.	<0.5	10.	69.	2.64	0.061	1.75	0.15	5.19	3.09	18.	<2.
W-227	1211.	8.	14.	19.	<0.4	3.	157.	587.	<0.5	<5.	23.	2.67	0.049	0.34	0.08	6.52	5.11	12.	<2.
W-230	2261.	10.	18.	34.	<0.4	11.	312.	556.	0.5	<5.	52.	2.36	0.115	0.87	0.13	6.47	4.62	18.	<2.
W-233	1369.	12.	16.	47.	<0.4	16.	465.	488.	<0.5	<5.	72.	2.52	0.070	1.02	0.22	6.46	4.00	19.	<2.
W-236	928.	13.	19.	52.	<0.4	23.	442.	353.	<0.5	<5.	105.	1.72	0.066	1.18	0.22	6.61	4.76	13.	<2.
W-239	3017.	4.	27.	15.	<0.4	4.	143.	583.	<0.5	<5.	18.	2.05	0.037	0.29	0.08	6.12	5.05	17.	<2.
W-258	6.	76.	27.	38.	0.4	2.	466.	358.	<0.5	<5.	33.	2.27	0.077	0.48	0.11	8.20	5.40	11.	<2.
W-261	11.	154.	23.	253.	0.6	2.	549.	453.	4.2	<5.	38.	2.40	0.081	0.64	0.15	8.18	4.14	14.	<2.
W-264	9.	340.	24.	546.	1.3	3.	500.	574.	8.6	6.	40.	2.29	0.081	0.65	0.13	8.40	4.11	14.	<2.
W-267	3.	57.	20.	101.	<0.4	4.	448.	497.	1.4	<5.	40.	2.29	0.079	0.57	0.17	8.15	4.79	13.	<2.
W-270	9.	220.	27.	316.	0.8	2.	451.	534.	5.3	9.	42.	2.18	0.079	0.61	0.18	8.20	4.90	13.	<2.
W-273	12.	204.	21.	148.	0.9	2.	414.	382.	2.1	<5.	37.	2.22	0.082	0.55	0.14	8.08	5.58	12.	<2.
W-276	13.	96.	17.	74.	0.5	3.	309.	442.	1.0	<5.	40.	1.76	0.079	0.44	0.19	8.21	5.33	8.	2.
W-279	4.	134.	17.	60.	0.4	2.	262.	472.	0.6	10.	40.	2.45	0.075	0.52	0.20	7.40	5.00	16.	<2.
W-282	5.	258.	27.	112.	0.8	4.	294.	515.	2.1	15.	40.	1.86	0.078	0.60	0.18	7.92	5.27	14.	<2.
W-285	33.	236.	27.	153.	1.1	5.	309.	523.	2.1	18.	43.	1.94	0.080	0.61	0.20	8.00	4.87	14.	<2.
W-288	4.	522.	46.	630.	1.6	2.	359.	641.	10.6	11.	41.	1.77	0.081	0.62	0.21	8.16	4.55	16.	<2.
W-291	5.	486.	25.	124.	1.1	2.	325.	805.	2.5	10.	43.	1.79	0.078	0.63	0.22	8.18	4.75	17.	<2.
W-294	3.	781.	30.	96.	1.8	2.	334.	721.	1.4	20.	39.	1.62	0.076	0.66	0.16	8.26	4.43	16.	<2.
W-297	5.	228.	20.	69.	0.5	4.	318.	593.	1.0	9.	38.	2.52	0.071	0.55	0.17	7.90	4.42	14.	<2.
B-841	402.	35.	19.	85.	0.5	6.	55.	224.	<0.5	<5.	45.	0.06	0.033	0.30	0.07	7.32	5.43	4.	<2.
B-844	159.	44.	26.	34.	1.5	5.	33.	101.	<0.5	<5.	35.	0.01	0.037	0.35	0.07	6.98	3.84	2.	<2.
B-847	316.	52.	35.	42.	0.8	4.	61.	72.	0.6	<5.	27.	0.02	0.043	0.28	0.06	7.33	3.41	6.	2.
B-850	319.	40.	16.	30.	0.8	3.	23.	108.	<0.5	<5.	48.	0.02	0.041	0.43	0.13	8.60	3.80	4.	<2.
B-853	477.	107.	22.	90.	<0.4	7.	5.	195.	0.7	<5.	34.	0.02	0.056	0.28	0.06	7.94	5.24	7.	<2.
B-856	511.	61.	19.	56.	0.4	6.	5.	124.	<0.5	<5.	30.	0.03	0.038	0.35	0.05	6.76	4.28	6.	<2.
B-859	744.	121.	21.	48.	<0.4	9.	5.	250.	0.6	<5.	29.	0.04	0.047	0.20	0.05	7.06	5.55	7.	<2.
B-862	541.	106.	20.	39.	<0.4	8.	8.	287.	<0.5	<5.	27.	0.06	0.032	0.25	0.05	7.00	5.45	7.	<2.
B-865	446.	159.	20.	87.	<0.4	6.	152.	499.	1.0	<5.	61.	0.78	0.069	0.96	0.17	8.35	4.72	16.	<2.
B-868	1246.	58.	16.	147.	<0.4	4.	173.	258.	2.6	<5.	29.	0.89	0.042	0.42	0.04	6.63	5.86	10.	<2.
B-871	1080.	230.	24.	100.	<0.4	19.	32.	249.	1.3	<5.	29.	0.09	0.049	0.21	0.06	7.33	5.37	8.	<2.
B-874	1137.	26.	21.	115.	<0.4	5.	183.	243.	1.4	<5.	25.	1.05	0.046	0.45	0.06	6.71	5.57	10.	<2.
B-877	389.	19.	20.	129.	<0.4	7.	212.	346.	2.2	<5.	28.	1.08	0.058	0.45	0.09	7.46	5.63	12.	<2.
B-880	708.	186.	20.	260.	<0.4	18.	383.	549.	4.5	<5.	78.	0.99	0.085	1.15	0.22	8.71	4.82	22.	<2.
B-883	640.	55.	14.	42.	<0.4	4.	214.	688.	<0.5	<5.	82.	1.97	0.084	1.33	0.24	8.55	4.08	17.	<2.
B-886	1190.	12.	16.	47.	<0.4	7.	121.	309.	0.6	<5.	29.	0.98	0.051	0.45	0.07	6.60	5.21	8.	<2.
B-889	777.	9.	16.	79.	<0.4	4.	168.	215.	0.9	<5.	26.	1.10	0.044	0.39	0.06	6.72	5.04	8.	<2.
B-892	668.	8.	16.	43.	<0.4	2.	97.	201.	<0.5	<5.	27.	0.85	0.046	0.46	0.06	6.57	5.36	7.	<2.
B-895	575.	22.	26.	72.	<0.4	3.	156.	520.	0.7	<5.	39.	1.12	0.056	0.69	0.14	7.22	4.85	12.	<2.
B-898	482.	256.	22.	333.	<0.4	31.	271.	324.	6.6	<5.	39.	0.45	0.072	0.44	0.10	7.91	4.61	19.	<2.
B-901	543.	35.	18.	322.	<0.4	8.	332.	375.	5.5	<5.	29.	1.00	0.057	0.48	0.09	7.92	4.77	16.	<2.
B-904	863.	80.	16.	133.	<0.4	10.	62.	110.	2.7	<5.	28.	0.28	0.054	0.34	0.06	6.72	4.04	12.	<2.
B-907	558.	62.	10.	32.	<0.4	4.	132.	284.	<0.5	<5.	35.	2.78	0.062	0.58	0.10	7.07	3.72	13.	<2.
B-910	917.	7.	15.	135.	<0.4	7.	171.	42.	1.1	<5.	29.	0.51	0.048	0.55	0.07	6.82	3.26	10.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
B-913	692.	9.	27.	42.	<0.4	4.	78.	116.	1.2	<5.	27.	0.38	0.049	0.37	0.06	6.84	4.59	6.	<2.
B-916	1159.	8.	24.	22.	<0.4	6.	109.	132.	0.6	<5.	25.	0.99	0.043	0.30	0.06	6.40	4.27	7.	<2.
B-919	1082.	8.	26.	16.	<0.4	7.	116.	167.	0.6	<5.	25.	0.88	0.042	0.28	0.06	6.36	4.79	7.	<2.
B-922	806.	9.	19.	16.	<0.4	5.	75.	137.	<0.5	<5.	25.	0.50	0.042	0.32	0.05	6.19	4.59	6.	<2.
B-925	878.	8.	17.	33.	<0.4	7.	63.	271.	0.7	<5.	18.	0.51	0.042	0.20	0.05	6.46	6.22	6.	<2.
B-928	1587.	560.	15.	103.	1.8	4.	155.	187.	0.6	<5.	25.	0.59	0.045	0.30	0.08	6.64	4.86	8.	<2.
B-931	1810.	11.	16.	220.	<0.4	8.	318.	132.	1.0	<5.	23.	0.41	0.041	0.36	0.06	6.40	4.17	8.	<2.
B-934	2423.	6.	13.	108.	<0.4	5.	230.	224.	<0.5	<5.	22.	0.92	0.044	0.42	0.06	6.72	5.36	7.	<2.
B-937	1357.	5.	13.	116.	<0.4	5.	210.	255.	<0.5	<5.	25.	0.97	0.045	0.43	0.06	6.45	5.10	7.	<2.
B-940	1178.	3.	16.	10.	<0.4	5.	39.	221.	<0.5	<5.	14.	0.29	0.047	0.16	0.05	6.31	5.76	5.	<2.
B-943	688.	5.	15.	10.	<0.4	5.	38.	246.	0.5	<5.	11.	0.23	0.040	0.15	0.05	6.02	5.93	4.	<2.
B-946	564.	5.	13.	13.	<0.4	4.	95.	235.	<0.5	<5.	11.	0.37	0.046	0.23	0.04	6.33	6.06	4.	<2.
B-949	4.	5.	12.	25.	0.5	4.	226.	352.	0.5	<5.	38.	1.58	0.070	0.71	0.06	7.72	8.00	6.	<2.
B-952	3.	11.	5.	19.	0.5	5.	318.	176.	<0.5	<5.	43.	2.03	0.066	0.95	0.09	8.15	5.31	8.	2.
B-955	2.	2.	5.	24.	<0.4	6.	463.	95.	<0.5	<5.	41.	1.98	0.066	1.06	0.09	7.74	3.59	7.	2.
B-958	12.	11.	5.	20.	0.4	6.	350.	246.	<0.5	<5.	36.	1.80	0.068	0.67	0.10	7.74	4.41	7.	2.
B-961	30.	3.	5.	22.	<0.4	9.	273.	243.	<0.5	<5.	34.	2.27	0.070	0.74	0.09	7.55	3.03	8.	2.
B-964	2.	8.	5.	19.	<0.4	12.	335.	271.	<0.5	11.	37.	2.32	0.069	0.88	0.09	7.19	2.36	8.	2.
B-967	2.	143.	5.	24.	0.4	3.	218.	374.	<0.5	10.	34.	2.50	0.070	0.68	0.08	7.71	2.18	10.	2.
B-970	2.	149.	9.	32.	0.4	3.	188.	223.	0.5	<5.	37.	2.39	0.069	0.74	0.11	7.84	2.90	10.	2.
B-973	4.	137.	9.	23.	<0.4	3.	170.	521.	0.9	<5.	35.	2.05	0.064	0.54	0.17	7.22	2.48	11.	<2.
B-976	2.	91.	5.	22.	<0.4	4.	165.	555.	<0.5	<5.	38.	2.29	0.065	0.55	0.17	7.58	2.39	11.	<2.
B-979	2.	132.	8.	18.	0.7	2.	94.	176.	<0.5	<5.	40.	1.20	0.068	0.49	0.20	7.47	3.30	7.	2.
B-982	2.	125.	12.	19.	0.4	2.	196.	480.	0.7	<5.	40.	3.49	0.070	0.72	0.19	7.69	2.17	13.	2.
B-985	2.	2.	5.	15.	<0.4	2.	160.	420.	<0.5	<5.	39.	3.01	0.072	0.64	0.18	7.87	1.53	16.	2.
B-988	2.	2.	6.	20.	<0.4	4.	125.	432.	<0.5	<5.	37.	2.37	0.074	0.53	0.20	8.14	1.68	12.	2.
B-991	2.	2.	5.	20.	<0.4	5.	192.	269.	<0.5	<5.	40.	2.37	0.075	1.04	0.20	8.07	3.01	11.	2.
B-994	1722.	5.	10.	14.	<0.4	5.	120.	79.	<0.5	<5.	26.	1.32	0.041	0.63	0.12	4.64	2.16	6.	<2.
B-997	5.	4.	6.	18.	<0.4	5.	161.	372.	<0.5	<5.	42.	3.01	0.073	0.42	0.17	7.57	2.68	12.	<2.
C-001	460.	3.	10.	26.	<0.4	10.	162.	306.	<0.5	<5.	60.	1.49	0.048	1.11	0.20	6.18	3.63	8.	<2.
C-004	867.	7.	9.	31.	<0.4	13.	187.	241.	<0.5	<5.	77.	1.98	0.039	1.17	0.23	5.67	2.63	7.	<2.
C-007	25.	11.	5.	30.	<0.4	17.	323.	418.	<0.5	<5.	79.	4.03	0.046	1.95	0.20	6.05	2.89	11.	2.
C-010	1106.	6.	11.	33.	<0.4	16.	307.	350.	<0.5	<5.	86.	1.97	0.049	1.88	0.30	6.45	2.59	11.	2.
C-013	382.	28.	7.	29.	<0.4	12.	258.	335.	<0.5	<5.	82.	1.54	0.057	1.29	0.27	6.82	3.53	10.	<2.
W-758	1111.	13.	31.	54.	<0.4	7.	168.	463.	0.7	<5.	42.	1.26	0.046	0.64	0.14	6.70	5.25	12.	<2.
W-761	688.	52.	87.	295.	1.8	7.	170.	619.	4.8	<5.	34.	1.76	0.061	0.56	0.15	7.10	4.84	13.	<2.
W-764	810.	40.	68.	40.	0.4	5.	196.	647.	0.6	<5.	40.	1.82	0.065	0.67	0.16	6.95	4.94	14.	<2.
W-767	1278.	562.	200.	841.	2.7	17.	254.	397.	13.3	8.	66.	1.72	0.060	1.23	0.18	6.74	4.55	18.	<2.
W-770	476.	78.	39.	196.	<0.4	24.	391.	394.	2.6	<5.	78.	2.23	0.057	1.97	0.26	6.93	4.36	22.	2.
W-773	1003.	32.	33.	141.	0.8	14.	151.	263.	2.1	<5.	29.	1.99	0.051	0.31	0.08	6.60	5.52	8.	<2.
W-776	1048.	16.	35.	93.	0.4	6.	150.	296.	1.2	<5.	28.	1.58	0.049	0.32	0.09	6.84	5.38	10.	<2.
W-779	871.	39.	23.	178.	<0.4	19.	210.	240.	2.6	<5.	84.	0.99	0.065	0.85	0.11	5.59	4.22	11.	<2.
W-782	986.	19.	35.	61.	0.4	10.	122.	525.	1.1	<5.	33.	1.35	0.050	0.46	0.09	6.65	5.23	11.	<2.
W-785	830.	19.	18.	39.	<0.4	6.	136.	561.	0.5	<5.	27.	1.62	0.052	0.46	0.11	6.60	5.25	13.	<2.
W-788	716.	36.	12.	46.	<0.4	16.	276.	400.	<0.5	<5.	74.	2.23	0.054	1.38	0.26	6.86	3.82	18.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
W-791	1118.	21.	30.	26.	<0.4	6.	161.	614.	<0.5	<5.	36.	1.94	0.057	0.57	0.13	6.75	5.11	13.	<2.
W-794	1303.	13.	29.	35.	<0.4	5.	123.	603.	0.5	<5.	27.	1.69	0.048	0.44	0.10	6.66	5.56	13.	<2.
W-797	979.	12.	17.	27.	<0.4	5.	116.	566.	<0.5	<5.	26.	1.74	0.048	0.41	0.10	6.76	5.40	13.	<2.
W-800	1054.	11.	19.	22.	<0.4	8.	130.	482.	<0.5	<5.	31.	1.74	0.052	0.57	0.12	6.67	4.97	10.	<2.
W-803	1143.	10.	41.	31.	0.4	7.	132.	416.	<0.5	<5.	31.	1.56	0.046	0.46	0.10	6.65	5.18	7.	<2.
W-806	678.	41.	19.	49.	<0.4	35.	304.	346.	<0.5	<5.	75.	2.03	0.054	1.65	0.24	6.41	3.51	12.	<2.
W-809	988.	22.	20.	40.	<0.4	27.	147.	324.	<0.5	<5.	74.	1.40	0.058	0.67	0.09	4.69	3.51	8.	<2.
W-812	475.	41.	15.	40.	<0.4	47.	268.	260.	0.5	<5.	129.	1.42	0.080	1.31	0.19	5.88	3.48	10.	<2.
W-815	1033.	14.	34.	77.	0.4	11.	152.	572.	1.3	<5.	35.	2.16	0.053	0.56	0.12	6.06	4.30	8.	<2.
W-818	405.	28.	44.	60.	0.5	29.	224.	466.	0.6	<5.	151.	2.47	0.045	1.28	0.15	7.58	3.85	10.	<2.
W-821	1000.	10.	18.	55.	<0.4	17.	167.	359.	0.6	<5.	47.	1.43	0.050	0.77	0.13	4.53	3.71	8.	<2.
W-824	410.	11.	33.	58.	0.4	9.	99.	436.	0.5	<5.	28.	1.41	0.044	0.31	0.10	5.86	4.46	7.	<2.
W-827	813.	21.	16.	33.	<0.4	26.	259.	322.	<0.5	<5.	108.	1.29	0.074	1.18	0.23	6.22	5.24	11.	<2.
W-830	652.	20.	11.	34.	<0.4	33.	211.	335.	<0.5	<5.	101.	1.18	0.059	0.91	0.18	6.56	4.45	11.	<2.
W-833	203.	16.	153.	91.	3.7	22.	230.	501.	1.1	14.	72.	1.26	0.083	0.87	0.22	7.20	4.55	16.	<2.
W-837	689.	21.	28.	153.	0.7	15.	206.	267.	2.3	<5.	79.	1.06	0.069	0.88	0.21	6.24	4.18	13.	<2.
W-838	1402.	22.	29.	41.	0.7	22.	247.	283.	<0.5	<5.	103.	1.50	0.063	1.05	0.23	6.05	4.20	13.	<2.
W-839	1716.	19.	19.	46.	0.4	28.	201.	226.	0.7	<5.	91.	1.26	0.055	0.95	0.19	4.45	3.66	10.	<2.
W-840	1317.	30.	18.	44.	0.4	30.	236.	244.	0.6	<5.	132.	0.86	0.066	1.08	0.22	6.61	4.93	12.	<2.
W-841	1289.	38.	17.	35.	<0.4	35.	264.	327.	<0.5	<5.	139.	1.44	0.070	1.31	0.24	7.33	3.60	12.	<2.
W-842	1191.	66.	12.	64.	<0.4	63.	324.	210.	0.5	<5.	132.	1.54	0.076	1.81	0.25	6.04	4.15	13.	<2.
W-843	1197.	54.	18.	41.	<0.4	34.	251.	257.	<0.5	<5.	113.	1.44	0.080	1.15	0.21	5.64	4.02	12.	<2.
W-844	931.	26.	19.	39.	0.4	24.	199.	356.	<0.5	<5.	80.	1.56	0.068	0.84	0.18	6.42	4.08	11.	<2.
W-845	63.	4.	5.	6.	<0.4	6.	31.	24.	<0.5	<5.	8.	0.12	0.004	0.05	0.02	0.42	0.22	2.	<2.
W-846	1072.	27.	18.	21.	<0.4	7.	133.	497.	<0.5	<5.	28.	2.16	0.045	0.40	0.11	6.08	3.78	8.	<2.
W-847	1210.	37.	11.	40.	<0.4	38.	300.	224.	<0.5	<5.	140.	1.40	0.097	1.52	0.28	6.28	4.14	12.	<2.
W-848	1367.	71.	19.	40.	0.5	41.	237.	296.	<0.5	<5.	107.	1.79	0.067	1.20	0.22	5.94	4.25	12.	<2.
W-849	1555.	42.	16.	47.	<0.4	64.	405.	245.	<0.5	<5.	117.	2.16	0.060	2.60	0.22	5.03	3.76	12.	<2.
W-850	1438.	39.	5.	39.	<0.4	58.	380.	158.	<0.5	<5.	86.	2.01	0.052	2.39	0.19	3.01	2.48	11.	<2.
W-851	2550.	19.	6.	23.	<0.4	19.	176.	182.	<0.5	<5.	84.	0.94	0.064	0.79	0.15	3.76	2.87	8.	<2.
W-852	1774.	8.	18.	25.	<0.4	14.	141.	341.	<0.5	<5.	66.	1.49	0.057	0.63	0.13	5.78	3.64	8.	<2.
W-853	1912.	6.	16.	24.	<0.4	6.	92.	462.	<0.5	<5.	24.	2.86	0.034	0.40	0.07	4.71	3.76	8.	<2.
W-854	2069.	9.	18.	18.	<0.4	10.	123.	553.	<0.5	<5.	25.	2.63	0.045	0.53	0.10	5.91	3.87	7.	<2.
W-855	1981.	7.	9.	37.	0.4	7.	118.	535.	0.7	<5.	32.	2.51	0.042	0.47	0.10	6.16	3.72	8.	<2.
W-856	1250.	14.	10.	21.	<0.4	14.	205.	395.	<0.5	<5.	66.	2.15	0.052	0.68	0.13	5.32	3.23	10.	<2.
W-857	1801.	52.	16.	34.	<0.4	38.	263.	288.	<0.5	<5.	132.	1.38	0.070	1.37	0.19	6.23	4.01	10.	<2.
W-858	1202.	14.	9.	26.	<0.4	30.	164.	253.	<0.5	<5.	126.	1.41	0.065	0.86	0.14	6.74	3.90	7.	<2.
W-859	613.	13.	18.	61.	0.4	41.	203.	311.	<0.5	<5.	192.	1.13	0.064	1.20	0.18	6.44	3.99	12.	<2.
W-860	1257.	13.	21.	30.	<0.4	29.	204.	284.	<0.5	6.	107.	1.26	0.092	1.15	0.17	6.49	4.50	13.	<2.
W-861	1108.	27.	19.	40.	<0.4	24.	147.	314.	0.5	<5.	93.	2.08	0.062	0.80	0.14	6.10	3.94	13.	<2.
W-862	948.	21.	25.	37.	0.4	28.	174.	252.	<0.5	<5.	116.	1.56	0.074	0.89	0.14	5.33	4.16	12.	<2.
W-863	1014.	39.	13.	56.	<0.4	31.	184.	303.	0.7	<5.	98.	1.44	0.076	1.01	0.18	5.71	4.09	12.	<2.
W-864	1154.	29.	17.	39.	<0.4	22.	132.	279.	0.6	<5.	67.	1.58	0.053	0.68	0.13	4.64	3.34	10.	<2.
W-865	1504.	10.	11.	20.	<0.4	18.	89.	200.	<0.5	<5.	45.	1.45	0.038	0.44	0.06	2.37	1.81	8.	<2.
W-866	1830.	74.	12.	30.	<0.4	38.	179.	206.	<0.5	<5.	105.	1.66	0.059	0.91	0.16	4.36	2.51	11.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
W-867	1928.	11.	8.	25.	<0.4	26.	139.	200.	<0.5	<5.	108.	1.44	0.045	0.66	0.12	3.68	2.55	10.	<2.
W-868	769.	55.	5.	29.	<0.4	28.	169.	170.	<0.5	<5.	88.	1.44	0.056	0.80	0.13	3.85	2.31	11.	<2.
W-869	846.	46.	7.	32.	<0.4	30.	190.	164.	<0.5	<5.	106.	1.59	0.053	1.06	0.17	4.13	2.21	11.	<2.
W-870	1493.	88.	5.	42.	<0.4	37.	226.	238.	<0.5	<5.	134.	2.36	0.076	1.12	0.20	4.92	2.37	14.	<2.
W-871	1306.	256.	12.	54.	0.5	39.	290.	202.	<0.5	<5.	178.	2.52	0.053	1.40	0.26	6.61	2.80	13.	<2.
W-872	921.	132.	5.	49.	0.4	30.	290.	278.	<0.5	<5.	209.	2.65	0.058	1.40	0.29	6.67	2.48	16.	<2.
W-873	1014.	190.	8.	62.	0.4	45.	331.	218.	<0.5	<5.	171.	2.91	0.042	1.69	0.30	7.32	2.26	17.	<2.
W-874	1935.	104.	9.	40.	<0.4	25.	257.	326.	<0.5	<5.	179.	2.45	0.055	1.10	0.20	4.98	2.51	13.	<2.
W-875	1406.	208.	6.	60.	<0.4	32.	385.	259.	<0.5	<5.	177.	2.85	0.047	1.47	0.28	6.87	2.00	17.	<2.
W-876	850.	188.	10.	82.	0.5	50.	616.	327.	<0.5	<5.	186.	4.28	0.041	2.44	0.30	7.04	2.06	18.	<2.
W-877	920.	126.	11.	43.	0.7	44.	217.	264.	<0.5	<5.	197.	2.49	0.040	0.97	0.14	3.56	1.86	16.	<2.
W-878	354.	193.	6.	41.	0.7	46.	248.	216.	<0.5	<5.	202.	2.09	0.045	0.91	0.16	3.80	1.39	16.	<2.
W-879	508.	278.	16.	81.	0.9	50.	261.	227.	<0.5	6.	186.	1.47	0.047	0.78	0.19	4.04	1.67	14.	<2.
W-880	442.	115.	14.	70.	0.7	60.	341.	259.	<0.5	<5.	220.	1.88	0.046	1.01	0.19	4.03	1.41	18.	<2.
W-881	1270.	62.	9.	49.	<0.4	35.	261.	335.	<0.5	<5.	166.	1.74	0.051	0.84	0.18	4.39	1.56	17.	<2.
W-962	506.	182.	13.	54.	0.5	55.	263.	223.	<0.5	<5.	214.	2.76	0.091	1.29	0.28	6.00	1.57	18.	<2.
W-963	1098.	24.	42.	40.	0.5	29.	221.	300.	0.6	<5.	111.	2.28	0.060	1.14	0.22	5.34	2.19	12.	<2.
W-964	2980.	34.	13.	37.	<0.4	35.	211.	268.	<0.5	<5.	116.	2.52	0.056	1.26	0.22	4.89	1.77	13.	<2.
W-965	7755.	38.	9.	26.	<0.4	28.	133.	197.	<0.5	<5.	70.	1.85	0.052	0.89	0.16	3.33	1.42	11.	<2.
W-966	1591.	11.	15.	32.	<0.4	27.	195.	423.	0.6	<5.	98.	1.73	0.060	1.16	0.18	4.22	2.01	8.	<2.
W-967	723.	6.	9.	25.	<0.4	20.	128.	371.	<0.5	<5.	88.	1.14	0.070	1.01	0.16	5.75	2.75	8.	<2.
W-968	1064.	5.	12.	25.	<0.4	17.	149.	489.	<0.5	<5.	81.	1.37	0.067	1.01	0.14	4.76	2.28	7.	<2.
W-969	931.	6.	10.	30.	<0.4	21.	167.	202.	<0.5	<5.	95.	1.12	0.051	1.01	0.15	4.06	2.03	7.	<2.
W-970	1125.	22.	13.	45.	<0.4	39.	289.	264.	<0.5	<5.	130.	1.66	0.062	1.61	0.22	5.90	2.66	8.	<2.
W-971	315.	7.	15.	35.	<0.4	18.	199.	299.	<0.5	<5.	79.	1.56	0.074	1.20	0.17	6.00	2.77	8.	<2.
W-972	1857.	5.	5.	23.	<0.4	14.	120.	146.	<0.5	<5.	63.	0.85	0.032	0.71	0.10	4.01	2.76	4.	<2.
W-973	1118.	7.	5.	29.	<0.4	23.	176.	221.	<0.5	<5.	87.	1.21	0.050	1.03	0.16	4.60	2.58	6.	<2.
W-974	486.	125.	5.	45.	0.5	60.	226.	253.	<0.5	<5.	137.	1.98	0.063	1.48	0.26	5.90	2.37	8.	<2.
W-975	697.	174.	7.	51.	<0.4	90.	312.	227.	<0.5	<5.	146.	2.51	0.074	2.11	0.30	5.47	2.33	11.	<2.
W-976	512.	59.	5.	43.	<0.4	61.	250.	386.	<0.5	<5.	132.	2.22	0.068	1.56	0.27	6.15	2.19	10.	<2.
W-977	216.	49.	11.	54.	<0.4	80.	331.	163.	<0.5	<5.	116.	3.02	0.065	1.90	0.23	4.58	1.72	11.	<2.
W-978	1443.	24.	5.	28.	<0.4	25.	210.	369.	<0.5	<5.	84.	2.84	0.047	0.82	0.13	3.67	1.52	8.	<2.
W-979	3151.	11.	5.	27.	<0.4	18.	208.	415.	<0.5	9.	67.	3.66	0.037	0.77	0.12	4.45	2.63	10.	<2.
W-980	818.	17.	5.	29.	<0.4	24.	168.	306.	<0.5	<5.	94.	2.16	0.056	0.77	0.18	3.97	1.61	11.	<2.
W-981	1020.	66.	5.	33.	<0.4	43.	211.	147.	<0.5	<5.	107.	2.59	0.050	1.15	0.17	3.85	1.62	11.	<2.
W-982	2994.	11.	5.	23.	<0.4	22.	280.	391.	<0.5	<5.	35.	4.03	0.025	1.22	0.07	2.09	1.09	11.	<2.
W-983	1293.	67.	9.	41.	<0.4	44.	259.	364.	<0.5	<5.	128.	3.83	0.069	1.43	0.22	5.20	2.00	11.	<2.
W-984	1470.	49.	5.	35.	<0.4	44.	306.	284.	<0.5	<5.	110.	4.24	0.062	1.36	0.19	4.41	1.65	12.	<2.
W-985	178.	72.	5.	39.	<0.4	45.	266.	362.	<0.5	<5.	131.	2.62	0.070	1.32	0.25	5.28	1.10	12.	<2.
B-115	6.	1158.	94.	101.	5.2	3.	311.	157.	1.7	26.	33.	2.06	0.088	0.81	0.10	7.94	4.07	6.	<2.
B-117	5.	1246.	138.	248.	5.4	2.	327.	211.	4.6	22.	35.	2.25	0.080	0.94	0.09	7.68	3.95	6.	<2.
B-119	4.	1601.	98.	159.	4.9	2.	375.	202.	2.1	32.	44.	2.26	0.083	0.94	0.09	7.35	4.03	7.	<2.
B-121	3.	205.	91.	46.	4.3	2.	355.	255.	<0.5	69.	46.	2.31	0.080	0.97	0.08	7.51	4.26	6.	<2.
B-123	2.	11.	16.	23.	0.5	2.	281.	226.	<0.5	30.	38.	2.24	0.083	0.88	0.07	7.79	3.87	5.	<2.
B-125	8.	490.	28.	60.	1.7	2.	262.	197.	0.7	17.	32.	2.18	0.083	0.83	0.07	7.81	3.79	4.	<2.

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Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
B-127	7.	40.	49.	46.	1.8	2.	276.	198.	<0.5	31.	37.	2.06	0.082	0.78	0.06	7.98	3.63	5.	<2.
B-129	10.	42.	14.	50.	<0.4	3.	289.	176.	<0.5	<5.	43.	2.22	0.083	0.86	0.07	7.91	3.33	5.	<2.
B-131	5.	47.	13.	160.	<0.4	2.	603.	184.	0.6	6.	35.	2.21	0.083	0.72	0.08	7.77	3.49	8.	<2.
B-133	2.	43.	9.	42.	0.6	2.	203.	156.	<0.5	6.	36.	1.43	0.078	0.58	0.08	7.64	3.53	5.	<2.
B-135	2.	1864.	49.	135.	5.6	2.	261.	185.	2.1	35.	36.	2.62	0.080	0.80	0.05	7.61	3.20	7.	<2.
B-137	6.	402.	23.	73.	1.7	2.	241.	214.	0.7	12.	35.	2.59	0.078	0.74	0.06	7.60	3.36	7.	<2.
B-139	3.	221.	23.	39.	1.3	3.	262.	156.	<0.5	<5.	40.	2.14	0.075	0.63	0.07	7.29	3.46	8.	<2.
B-141	2.	179.	10.	38.	0.7	2.	244.	235.	<0.5	<5.	39.	2.91	0.072	0.67	0.08	7.37	3.52	7.	<2.
B-143	2.	65.	5.	30.	0.5	2.	239.	192.	<0.5	<5.	33.	2.58	0.078	0.62	0.06	7.47	3.61	7.	<2.
B-145	2.	235.	20.	64.	1.3	3.	240.	190.	<0.5	6.	33.	2.75	0.074	0.62	0.06	7.74	3.70	7.	<2.
B-147	2.	179.	14.	28.	<0.4	2.	168.	178.	<0.5	<5.	31.	2.15	0.074	0.49	0.06	7.65	3.38	8.	<2.
B-149	2.	143.	13.	30.	0.6	3.	205.	238.	<0.5	<5.	38.	2.50	0.077	0.66	0.06	7.56	3.17	7.	<2.
B-151	2.	191.	14.	32.	0.6	3.	192.	242.	<0.5	<5.	32.	2.42	0.076	0.67	0.06	7.71	2.98	6.	<2.
B-153	2.	923.	33.	59.	2.8	4.	196.	268.	0.8	26.	34.	2.62	0.079	0.73	0.06	7.76	2.64	6.	<2.
A-165	33.	287.	9.	220.	1.5	51.	342.	100.	2.7	<5.	87.	0.75	0.046	1.34	0.21	6.37	4.29	8.	2.
A-168	20.	67.	19.	129.	0.5	57.	483.	101.	<0.5	<5.	75.	0.75	0.056	1.75	0.24	5.92	3.79	8.	2.
A-171	37.	1108.	229.	2552.	8.8	76.	559.	94.	42.0	10.	64.	1.50	0.047	2.20	0.27	5.23	3.15	17.	2.
A-174	35.	2125.	15.	247.	8.3	46.	489.	102.	2.5	10.	73.	0.68	0.051	2.18	0.26	5.41	3.91	14.	2.
A-177	43.	1223.	5.	140.	5.6	39.	423.	117.	0.5	<5.	63.	1.65	0.043	1.92	0.26	4.98	3.17	16.	2.
A-180	69.	453.	24.	106.	1.7	26.	479.	269.	<0.5	<5.	55.	2.65	0.037	2.08	0.19	4.26	2.71	13.	2.
A-183	20.	229.	27.	70.	4.7	5.	277.	156.	0.7	6.	37.	1.02	0.072	0.60	0.13	6.99	6.78	7.	<2.
A-186	7.	115.	13.	92.	0.4	2.	458.	197.	<0.5	<5.	35.	2.86	0.073	1.36	0.09	7.25	6.17	7.	2.
A-189	2.	104.	7.	29.	0.5	3.	280.	165.	<0.5	<5.	38.	2.28	0.070	1.00	0.08	7.37	5.85	6.	2.
A-192	3.	198.	8.	28.	0.8	6.	183.	162.	<0.5	<5.	48.	0.63	0.068	0.58	0.09	7.26	6.79	5.	2.
A-195	2.	141.	13.	22.	0.4	2.	264.	176.	<0.5	<5.	43.	1.46	0.087	0.69	0.08	7.27	6.39	6.	<2.
A-198	2.	178.	17.	39.	<0.4	7.	260.	233.	<0.5	<5.	54.	1.14	0.092	0.90	0.10	7.74	7.39	6.	<2.
W-986	260.	84.	18.	34.	0.5	8.	88.	133.	<0.5	<5.	57.	0.07	0.080	0.49	0.11	6.52	4.05	2.	<2.
W-989	212.	237.	10.	50.	0.5	42.	231.	138.	<0.5	<5.	107.	0.52	0.043	2.11	0.23	8.24	4.11	5.	2.
W-992	160.	264.	17.	44.	<0.4	25.	195.	185.	<0.5	<5.	68.	0.19	0.053	1.23	0.15	7.97	4.83	4.	2.
W-995	246.	297.	19.	61.	0.5	49.	261.	177.	<0.5	<5.	86.	0.49	0.071	1.73	0.20	7.89	4.39	6.	2.
W-998	253.	431.	13.	76.	0.6	57.	313.	183.	<0.5	<5.	108.	0.67	0.091	1.82	0.21	8.53	4.45	10.	2.
W-1001	256.	205.	11.	98.	<0.4	41.	351.	174.	1.5	<5.	94.	0.94	0.065	2.15	0.25	7.95	3.91	11.	2.
W-1294	24.	321.	8.	111.	0.8	29.	743.	182.	<0.5	<5.	180.	3.61	0.047	1.40	0.35	6.90	1.09	17.	<2.
W-1297	23.	216.	13.	84.	0.5	28.	689.	178.	<0.5	<5.	184.	3.67	0.108	1.56	0.37	6.93	1.55	17.	<2.
W-1300	20.	371.	7.	198.	0.8	25.	630.	205.	2.2	<5.	151.	4.08	0.068	1.18	0.37	7.17	0.92	19.	<2.
W-1303	27.	1249.	36.	744.	3.0	39.	674.	163.	11.5	22.	183.	3.64	0.078	1.24	0.36	6.47	1.49	22.	<2.
W-1306	51.	379.	13.	298.	1.5	23.	1036.	216.	4.0	<5.	200.	6.01	0.056	1.92	0.40	8.16	1.23	17.	<2.
W-1309	102.	385.	15.	64.	1.1	37.	552.	166.	<0.5	<5.	198.	3.01	0.062	1.15	0.32	5.75	1.08	18.	<2.
6886	23.	462.	330.	427.	7.8	4.	37.	104.	5.6	34.	45.	0.02	0.057	0.30	0.08	8.07	5.52	4.	<2.
6887	26.	340.	380.	2898.	7.3	7.	255.	105.	53.5	28.	47.	0.58	0.085	0.45	0.08	7.98	4.92	6.	<2.
6888	28.	408.	208.	3458.	3.4	5.	293.	121.	63.8	17.	42.	0.84	0.084	0.55	0.09	7.77	5.12	7.	2.
6889	47.	385.	267.	4145.	5.5	3.	451.	127.	71.1	31.	42.	1.37	0.081	0.71	0.09	7.64	4.94	7.	<2.
6890	10.	688.	244.	3190.	4.0	14.	307.	74.	53.0	18.	36.	0.66	0.070	0.50	0.08	8.16	4.41	7.	2.
6891	78.	540.	160.	2897.	3.7	5.	339.	128.	45.9	16.	41.	0.94	0.084	0.55	0.08	7.68	5.17	8.	<2.
6892	39.	649.	232.	3352.	3.6	9.	315.	95.	58.0	25.	41.	0.39	0.079	0.37	0.08	7.64	4.88	8.	2.

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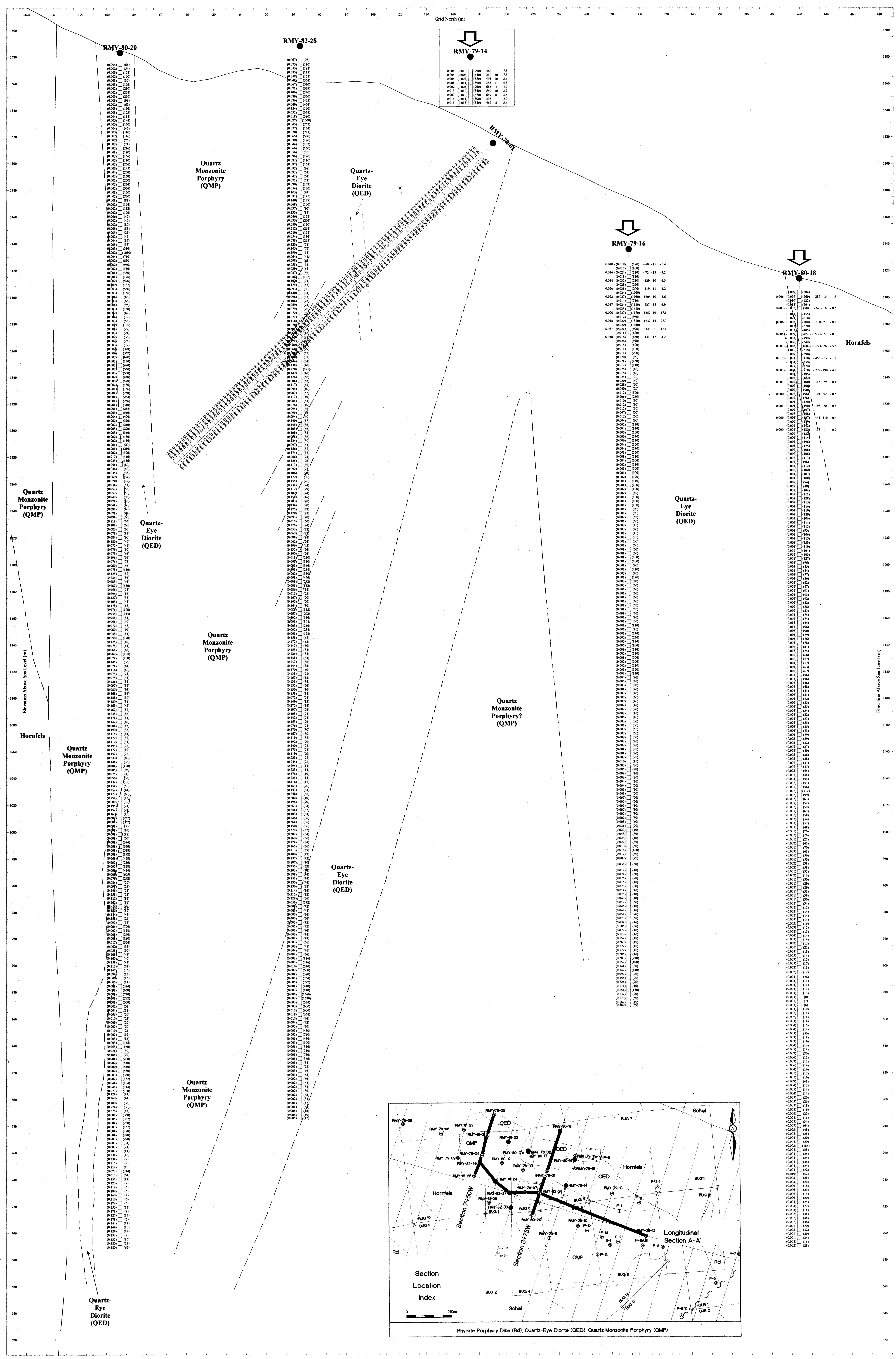
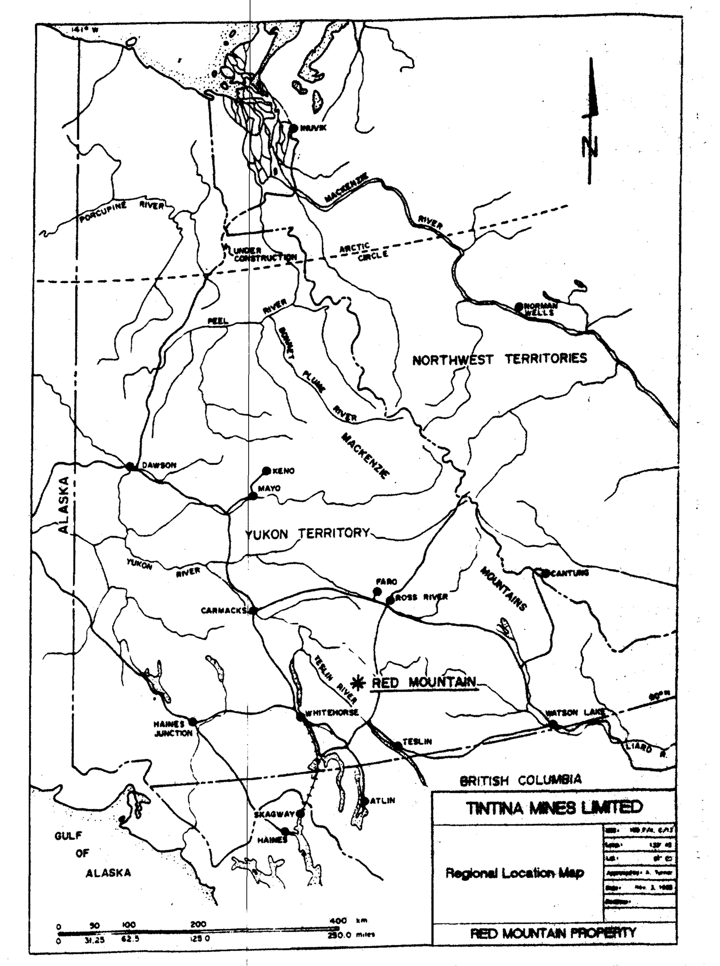
Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM
6893	81.	393.	141.	3242.	2.0	8.	344.	143.	48.9	14.	43.	1.12	0.081	0.59	0.08	7.66	5.18	7.	<2.
6894	87.	462.	253.	3456.	3.4	6.	502.	181.	52.1	22.	45.	1.59	0.077	0.74	0.07	7.53	5.36	8.	<2.
6983	60.	60.	112.	35.	5.4	3.	24.	195.	<0.5	<5.	38.	0.05	0.040	0.19	0.09	7.16	6.07	4.	<2.
6985	156.	72.	198.	38.	3.2	7.	18.	195.	<0.5	<5.	41.	0.02	0.051	0.21	0.09	7.67	6.47	4.	<2.
6987	262.	129.	175.	84.	6.3	3.	26.	188.	<0.5	<5.	43.	0.02	0.042	0.20	0.08	7.21	6.18	4.	<2.
6989	120.	119.	175.	34.	4.2	17.	26.	154.	<0.5	<5.	37.	0.01	0.044	0.21	0.07	7.66	5.81	2.	<2.
6991	139.	1606.	110.	288.	8.6	36.	29.	139.	2.0	<5.	35.	0.08	0.046	0.17	0.05	6.33	4.88	10.	2.
6993	101.	727.	313.	707.	6.9	23.	226.	175.	10.3	7.	37.	0.33	0.057	0.31	0.07	7.41	6.46	10.	<2.
6995	36.	1857.	563.	1695.	17.1	33.	217.	144.	23.2	10.	55.	0.22	0.063	0.33	0.09	7.61	5.99	11.	<2.
6997	110.	1637.	832.	1626.	22.7	69.	156.	113.	24.2	17.	96.	0.15	0.062	0.46	0.13	8.39	6.27	11.	2.
6999	185.	3343.	290.	809.	12.4	57.	145.	141.	12.6	<5.	61.	0.26	0.059	0.34	0.09	7.52	4.98	11.	2.
7001	105.	431.	105.	1215.	4.2	29.	414.	117.	23.7	<5.	43.	0.40	0.046	0.49	0.08	6.58	4.91	10.	<2.





LEGEND

Holes Resampled in 1995

() No 1978-1982 Data

0.115 - (0.142) - (25) - 21 - 1 - 7.8

MoS$_2$ % - (MoS$_2$ %) - (Cu ppm) - Cu ppm - Au ppb - Ag ppm

1995 Analyses; 1978 - 1982 Data; 1978 - 1982 Data; 1995 Analyses; 1995 Analyses; 1995 Analyses

Note: Sample Interval averages 3.0m

Note: Au-1ppb and Ag 0.2ppm values are below detection.

0 — 100m

093354

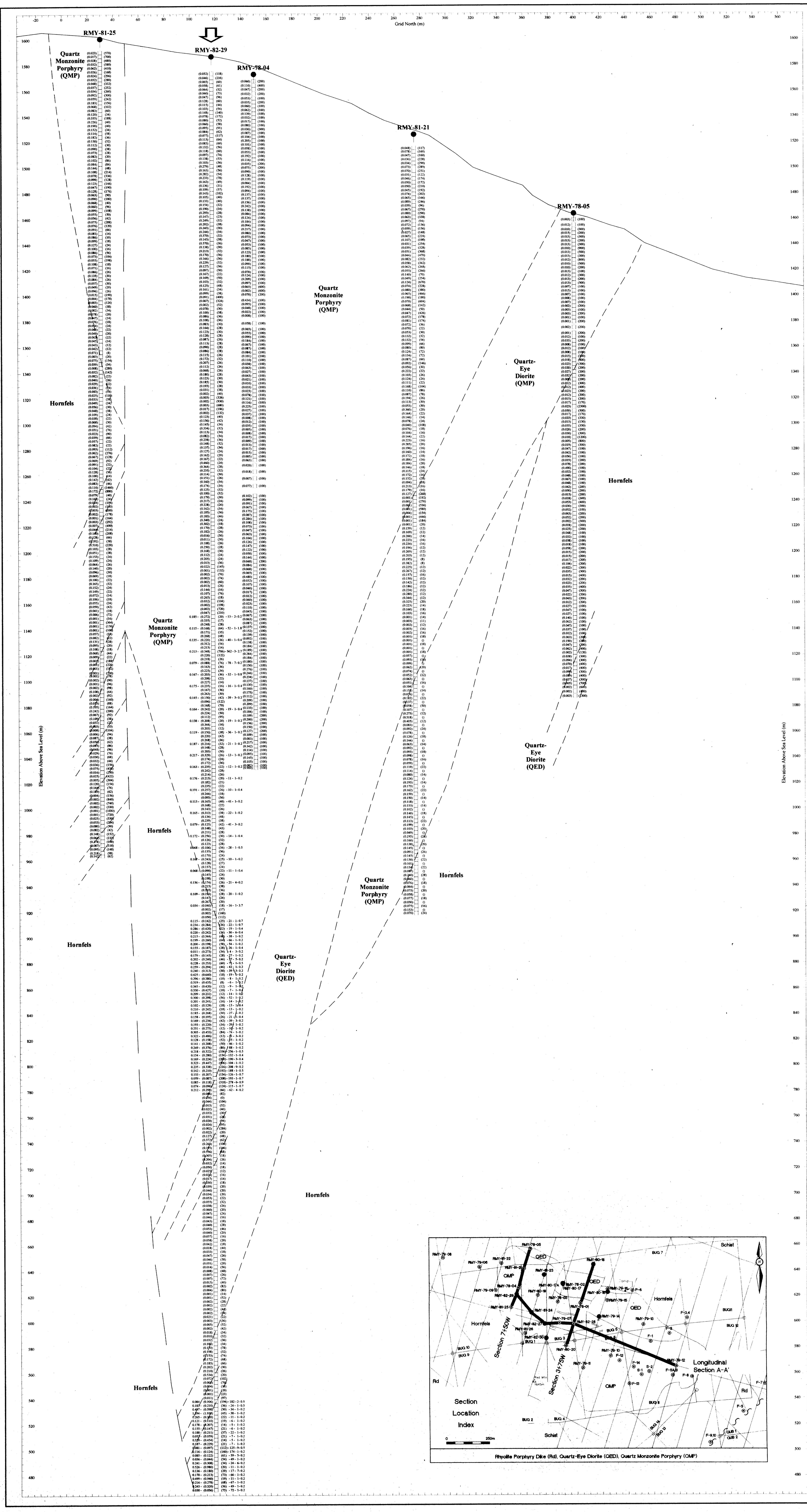
Red Mountain Property

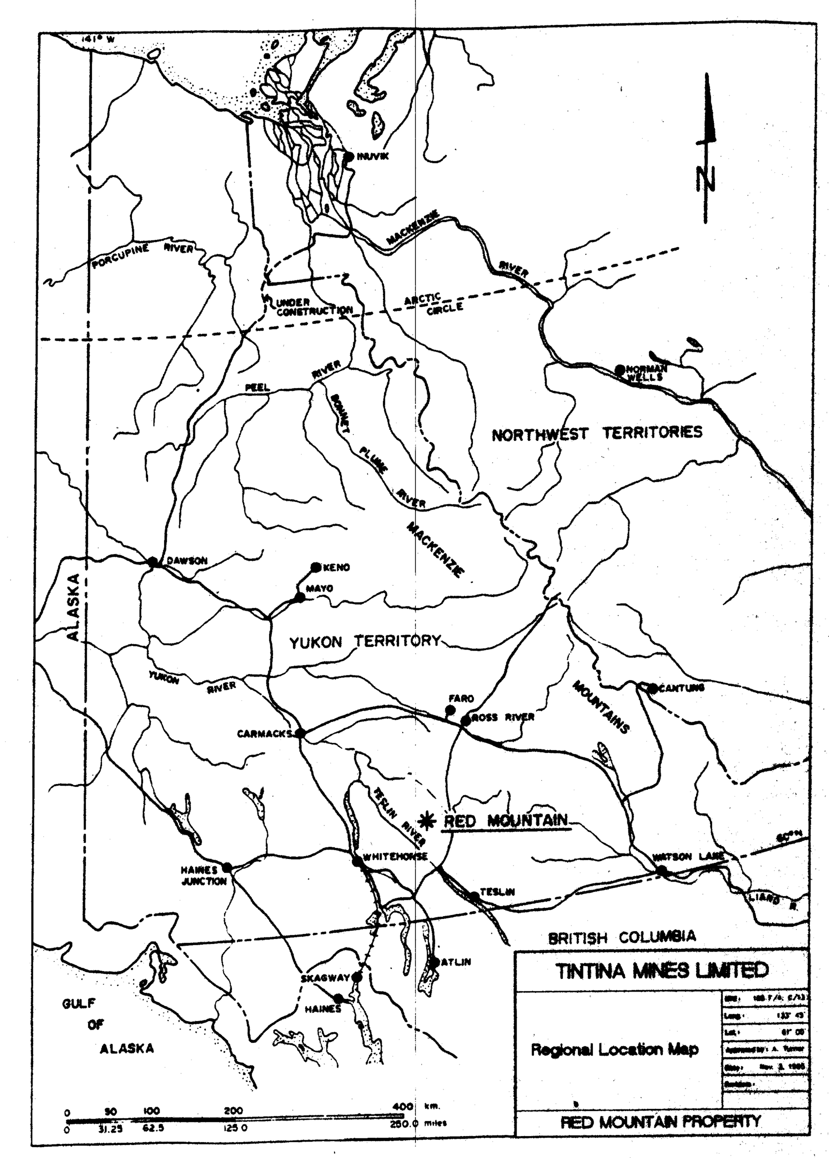
Cross Section 3+75W

(Looking West)

Approved by:
Date: Nov. 9, 1995
Horiz. Scale 1:1,000
Vert. Scale 1:1,000
Map No. 95-1

Tintina Mines Limited





LEGEND

⇩ Holes Resampled in 1995

() No 1978-1982 Data

0.115 - (0.142) (25) - 21 - 1 - 7.8

MoS % - (MoS %) (Cu ppm) - Cu ppm - Au ppb - Ag ppm

1995 Analyses — 1978 - 1982 Data — 1978 - 1982 Data — 1995 Analyses

Note: Sample Interval averages 3.0m

Note: Au 1ppb and Ag 0.2ppm values are below detection.

0 — 100m

093354

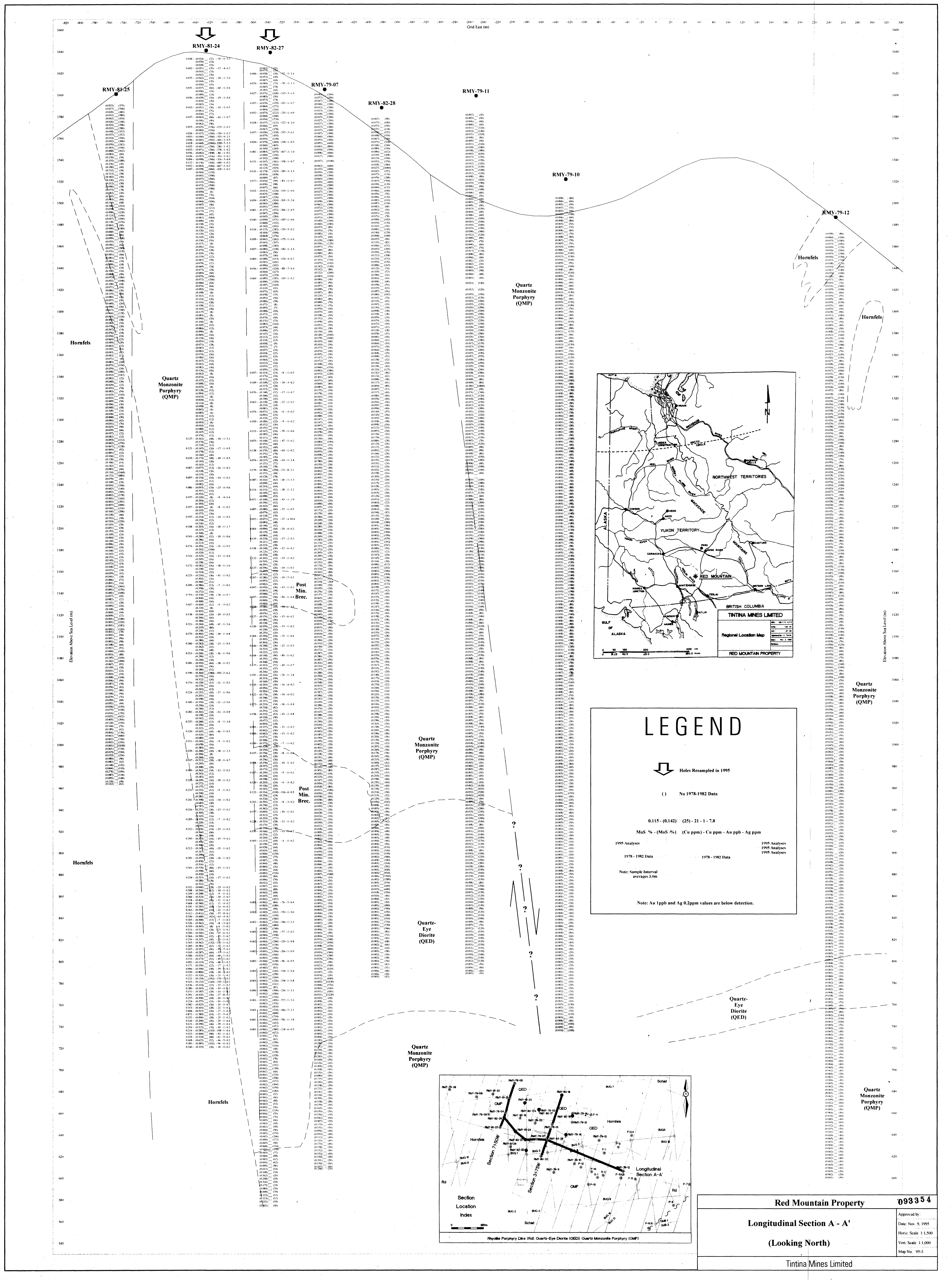
Red Mountain Property

Cross Section 7+50W

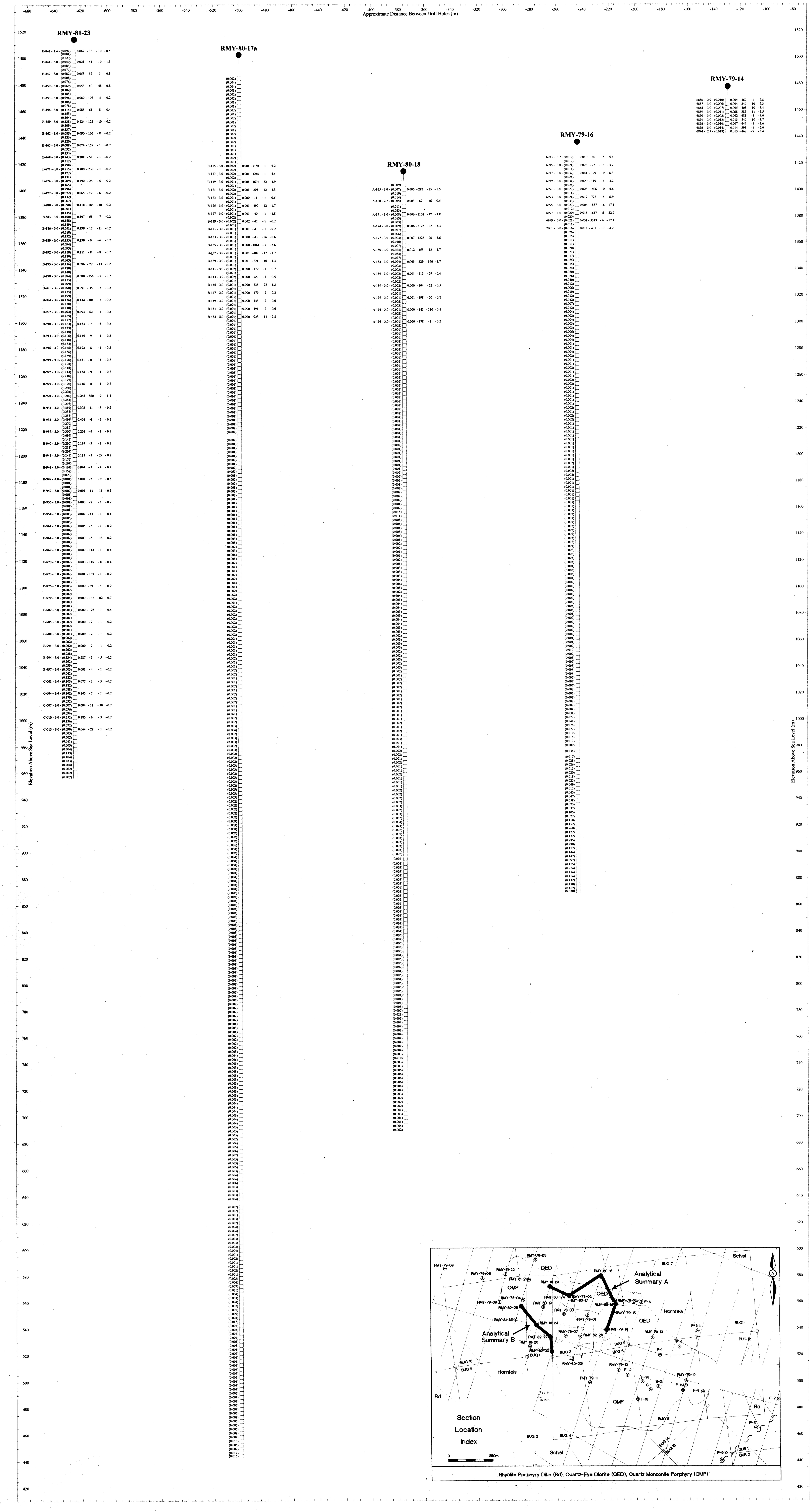
(Looking West)

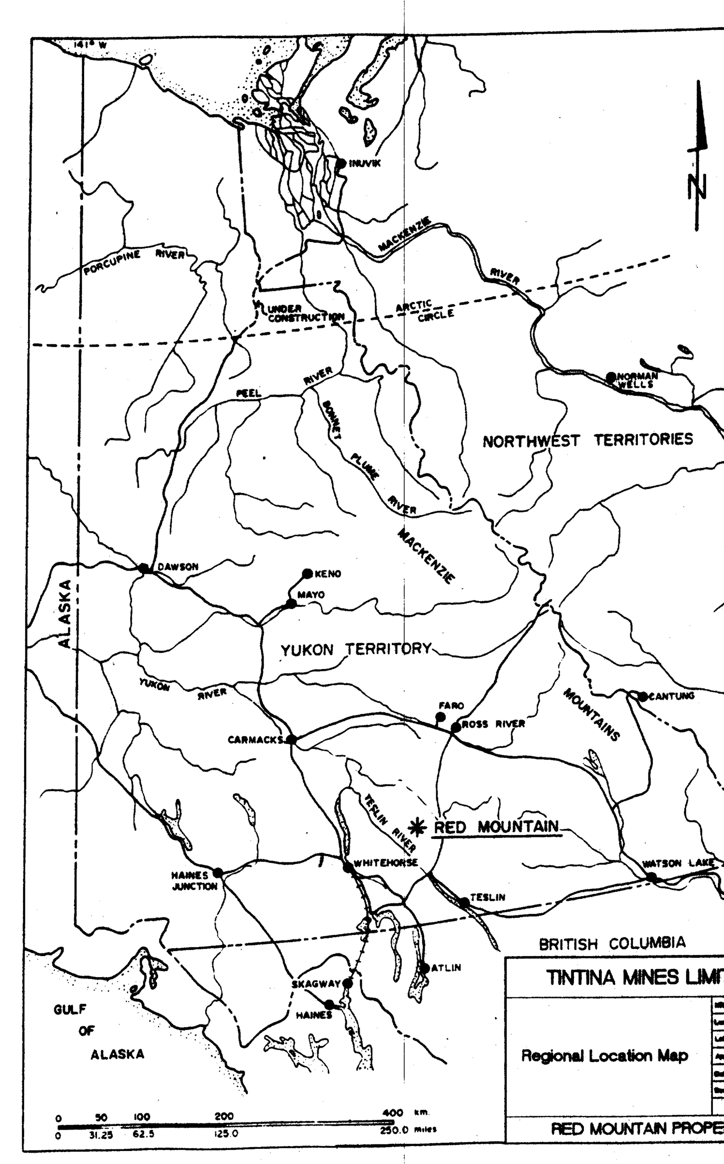
Approved by:
Date: Nov. 9, 1995
Horiz. Scale 1:1,000
Vert. Scale 1:1,000
Map No. 95-2

Tintina Mines Limited



Grid East (m)
Elevation Above Sea Level (m)
RMY-81-25
RMY-81-24
RMY-82-27
RMY-79-07
RMY-82-28
RMY-79-11
RMY-79-10
RMY-79-12
Hornfels
Quartz Monzonite Porphyry (QMP)
Post Min. Brec.
Quartz-Eye Diorite (QED)
NORTHWEST TERRITORIES
YUKON TERRITORY
BRITISH COLUMBIA
ALASKA
GULF OF ALASKA
RED MOUNTAIN
TINTINA MINES LIMITED
Regional Location Map
RED MOUNTAIN PROPERTY
LEGEND
Holes Resampled in 1995
( ) No 1978-1982 Data
0.115 - (0.142) (25) - 21 - 1 - 7.8
MoS % - (MoS %) (Cu ppm) - Cu ppm - Au ppb - Ag ppm
1995 Analyses
1978 - 1982 Data
1995 Analyses
1995 Analyses
1995 Analyses
1978 - 1982 Data
Note: Sample Interval averages 3.0m
Note: Au 1ppb and Ag 0.2ppm values are below detection.
Schist
Hornfels
OED
QMP
Longitudinal Section A-A'
Section 7150W
Section 3475W
Rd
Section Location Index
Rhyolite Porphyry Dike (Rd), Quartz-Eye Diorite (QED), Quartz Monzonite Porphyry (QMP)
Red Mountain Property
093354
Longitudinal Section A - A'
(Looking North)
Approved by:
Date: Nov. 9, 1995
Horiz. Scale 1:1,500
Vert. Scale 1:1,000
Map No. 95-3
Tintina Mines Limited





LEGEND

( ) No 1978-1982 Data

C-709 - 3.0 - (0.205) 0.191 - 14 - 6 - 0.2

Sample No. - Sample Length (m) - (MoS_2%) MoS_2% - Cu ppm - Au ppb - Ag ppm

1995 Analyses
1995 Analyses
1995 Analyses
1995 Analyses

1978 - 1982 Data

Note: Sample Interval averages 3.0m

Note: Au 1ppb and Ag 0.2ppm values are below detection.

100m

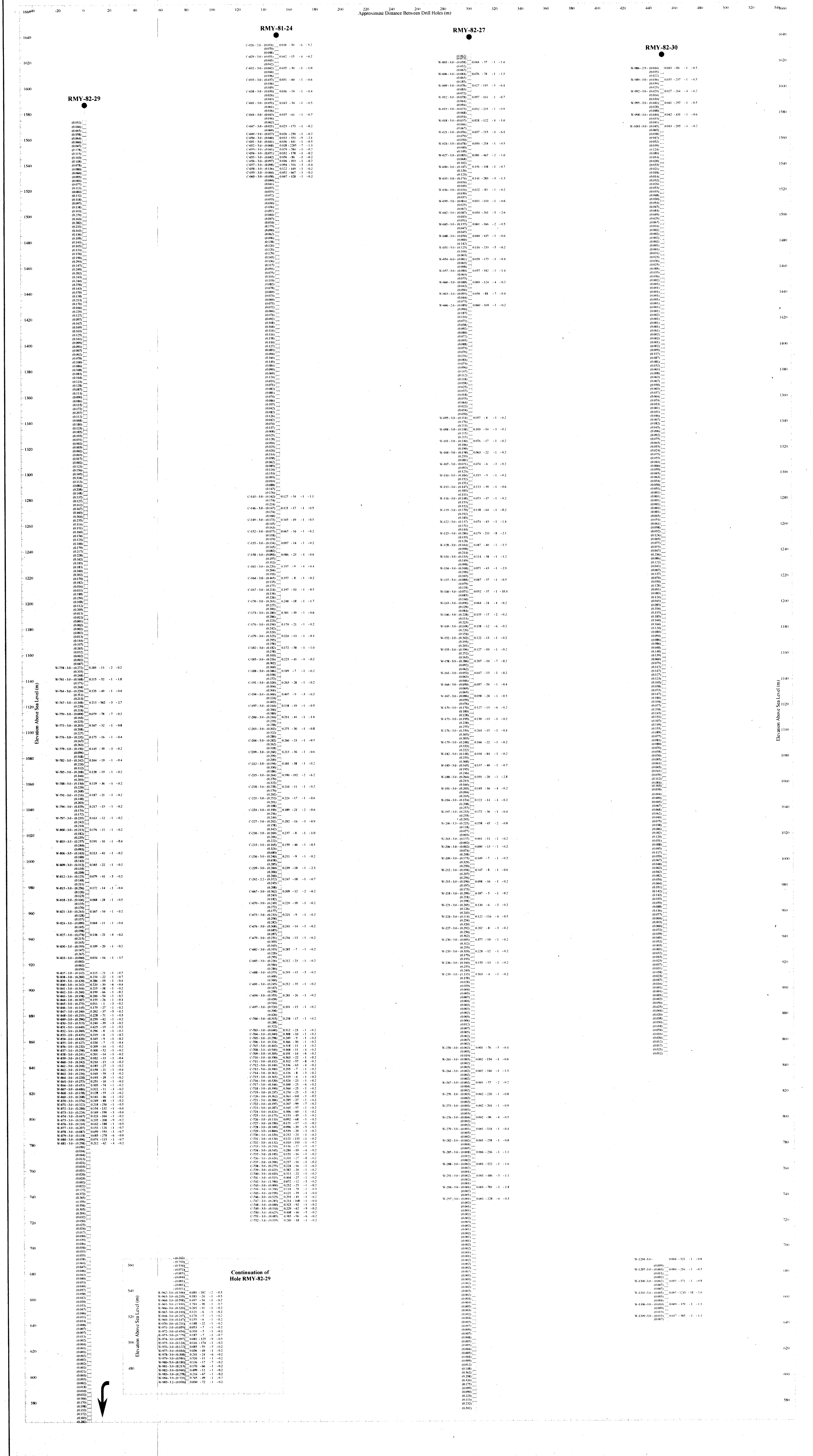
093354

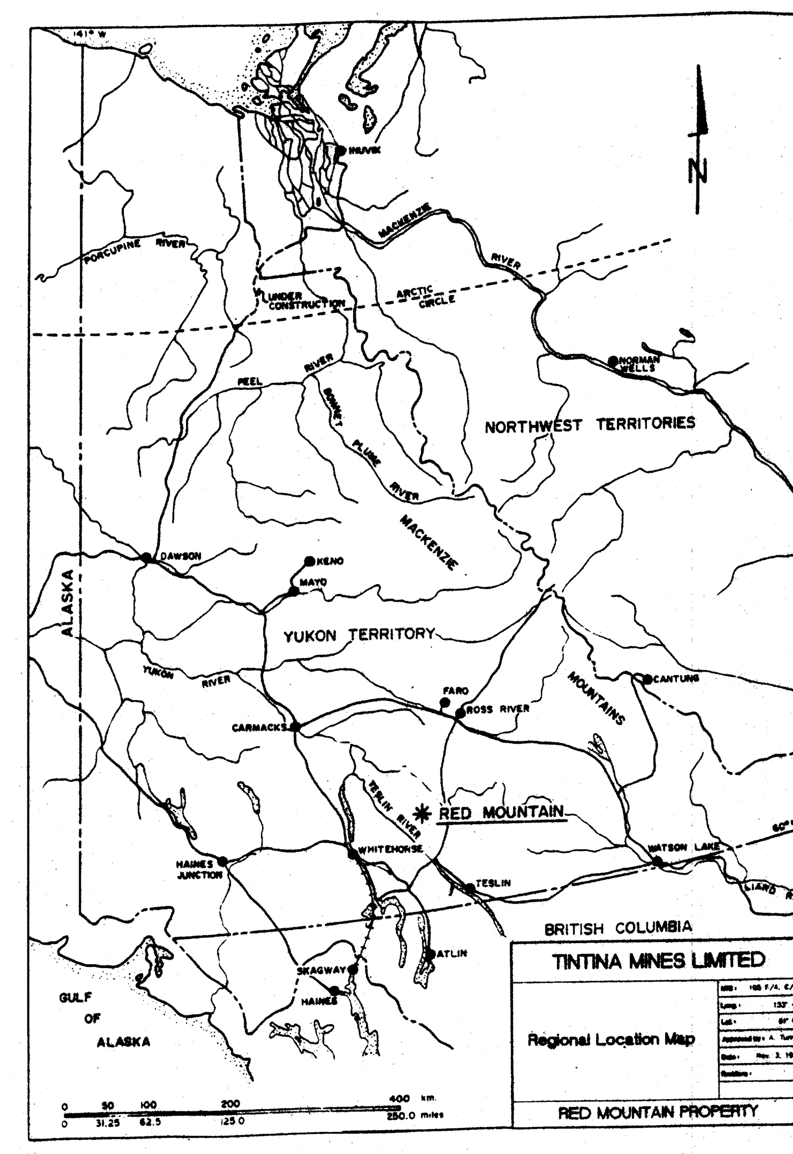
Red Mountain Property

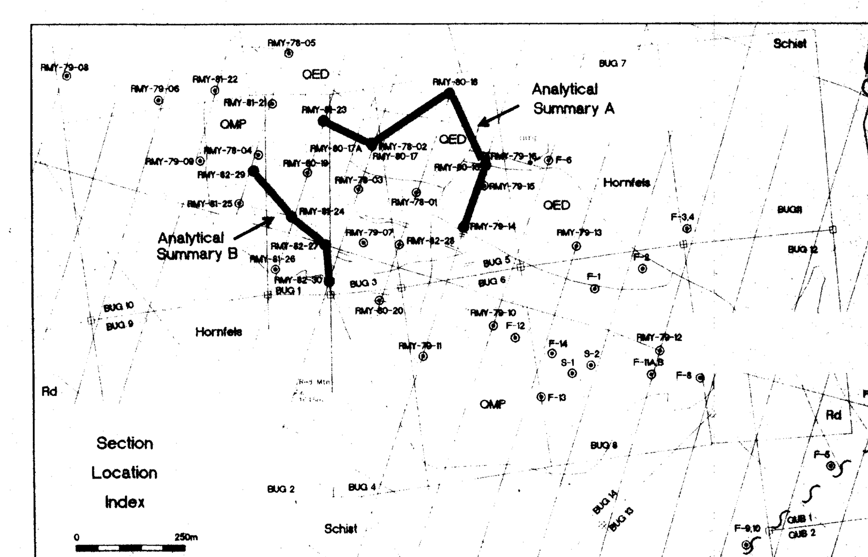
Analytical Summary A

Approved by:
Date: Nov. 9, 1995
Horiz. Scale 1:1,000
Vert. Scale 1:1,000
Map No. 95-4

Tintina Mines Limited







Rhyolite Porphyry Dike (Rd), Quartz-Eye Diorite (QED), Quartz Monzonite Porphyry (QMP)

LEGEND

( ) No 1978-1982 Data

C-709 - 3.0 - (0.205) 0.191 - 14 - 6 - 0.2

Sample No. - Sample Length (m) - (MoS_2%) MoS_2% - Cu ppm - Au ppb - Ag ppm

1995 Analyses
1995 Analyses
1995 Analyses
1995 Analyses

1978 - 1982 Data

Note: Sample Interval averages 3.0m

Note: Au 1ppb and Ag 0.2ppm values are below detection.

0 100m

Red Mountain Property

093354

Analytical Summary - B

Approved by:	
Date: Nov. 9, 1995	
Horiz. Scale 1:1,000	
Vert. Scale 1:1,000	
Map No. 95-5	

Tintina Mines Limited