

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 92.09.30

ASSESSMENT REPORT 22004

MINING DIVISION: Revelstoke

PROPERTY: J&L
LOCATION: LAT 51 17 00 LONG 118 08 00
UTM 11 5681724 420958
NTS 082M08E

CAMP: 040 Goldstream Area

CLAIM(S): J&L, Kirk, Burke
OPERATOR(S): Equinox Res.
AUTHOR(S): Weicker, R.
REPORT YEAR: 1991, 185 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver, Zinc, Lead, Arsenic

KEYWORDS: Cambrian, Metasediments, Phyllites, Limestones, Quartzites, Schists
Graphite, Tetrahedrite, Sphalerite, Galena, Malachite, Azurite

WORK

DONE: Drilling, Geochemical, Geological
DIAD 2284.6 m 10 hole(s); BDBG
Map(s) - 1; Scale(s) - 1:2500
GEOL 2500.0 ha
Map(s) - 1; Scale(s) - 1:10 000
SAMP 313 sample(s); ME

RELATED

REPORTS: 14405
MINFILE: 082M 091, 082M 099

EQUINOX OPERATIONS GROUP

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**REPORT ON
1991 SUMMER EXPLORATION PROGRAM
J&L PROPERTY, REVELSTOKE, BRITISH COLUMBIA**

N.T.S. 82 M/8E

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by

**ROBERT F. WEICKER, B.Sc.
EQUINOX OPERATIONS GROUP**

November, 1991

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,004

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EXECUTIVE SUMMARY

This report details the results of a surface exploration program completed during the period June 1 to October 31, 1991 on the J&L property, located 32 km north of Revelstoke, British Columbia. The property hosts the J&L Main Zone, an arsenical massive sulphide deposit with probable geological reserves of 1,700,000 tonnes grading 7.38 g/t Au, 70.2 g/t Ag, 2.64% Pb, and 4.43% Zn, and an arsenic-free lead-zinc deposit known as the Yellowjacket Zone which was discovered in the fall of 1990. Several other mineralized prospects are known on the property and limited exploration activity was completed on the Roseberry Zone and the North Zone, both representing extensions of the Main Zone along strike to the northwest. The results may be summarized as follows:

- 1) The 1991 field season consisted of linecutting and grid control, prospecting and sampling, a limited soil geochemical survey, EM-34 and EM-57 geophysical test surveys, and 3915.7 m of helicopter supported diamond drilling in 16 holes.

The Roseberry prospect was re-established, sampled and mapped. The resulting data supports a structural control model that links the J&L Main Zone with the Roseberry adits and Mastodon Mine, a distance of 9 km. This mineralized, laminated shear is buried beneath overburden in many areas and has good potential for new discoveries.

- 2) Only two diamond drill holes were completed on the Yellowjacket Zone comprising 593.8 m. Both holes intersected lead-zinc mineralization, with an increase in probable and possible geological reserves of 120,000 tonnes grading 30.5 g/t Au, 1.50% Pb, and 4.96% Zn. The total probable and possible mineral reserves are: 1,030,000 tonnes grading 52.5 g/t Ag, 2.47% Pb, and 7.09% Zn. The Yellowjacket Zone is a stratabound, carbonate hosted, lead-zinc deposit located in the hanging wall rocks of the Main Zone. The lead zinc mineralization is confined to multiple discrete zones related to siliceous carbonate units. These zones have the potential to extend for a long strike along the plunge line within the enclosing stratigraphic Yellowjacket Unit of carbonates and minor volcanics.
- 3) A portion of the area between surface and the uppermost underground drillholes in the J&L Main Zone was covered with EM-57 geophysical surveying and twelve drill holes completed from five drill sites over a 1.0 km strike length from 10,450E to 11,405E (mine grid). The drilling was designed to test beneath the surface trace as indicated by old workings and trenches, and electromagnetic high anomalies. The massive sulphide zone was intersected in every drill hole but widths were narrower and the grades lower in most holes than the ore reserve average. The best intersection was in hole 91-76 on section 10,450E which returned 1.6 m drill width grading 5.80 g/t Au, 100.9 g/t Ag, 2.23% Pb, 6.19% Zn, and 2.08% As. The average dip shallowed slightly to 45° near the surface trace compared to 55° from the underground area. The host rocks near the surface trace are generally more siliceous, comprised of thicker units of quartzites and felsic/intermediate volcanics. This suggests that the controlling shear may result in better dilation structures and thicker sulphide mineralization where the dip is steeper and where the rocks are less siliceous and more variable.

- 4) The Main Zone represents a structural controlled, shear hosted arsenical massive sulphide deposit with unusually high gold content. The mineralization is sheet-like or tabular in geometry with an average dip of 55°E, a strike of 143° and an average width of 2.3 m in the window of influence around the 830 level. Excellent potential to expand the mineral reserves is indicated at depth and along strike underground, and further Main Zone exploration should be directed in these areas.
- 5) The A&E prospect has excellent exploration potential as it may represent a parallel structural feature with multiple zones of sulphide mineralization. The potential of discovering similar J&L massive sulphide ore bodies along this strike is good and should continue to be evaluated.

1. **INTRODUCTION**

From May 1991 until September 1991, a \$900,000 exploration program was completed on the J&L polymetallic arsenical gold deposit located near Revelstoke, in southeastern British Columbia. The program was managed by Equinox Resources Ltd. which jointly owns the property with Pan American Minerals Corp. Cheni Gold Mines Inc. operated and funded the program under a right to earn a 60% interest in the property.

The objective of the program was to trace the Yellowjacket and Main Zone targets west of McKinnon Creek, to test the upper extension of Main Zone on Goat Mountain, and to locate and investigate the Roseberry showings. The 1991 summer field program consisted of linecutting and flagging, prospecting and sampling, EM-34 and EM-57 geophysical surveys, a geochemical survey, and 3916 m of diamond drilling. A portion of this data has been filed for assessment purposes and is presented in this report.

The summer program was carried out effectively and all objectives were achieved. The efforts of all who assisted in the successful completion of the program are acknowledged with appreciation.

2. PROJECT DESCRIPTION

2.1 Location, Access and Setting

The property is located at the confluence of Carnes and McKinnon Creeks, approximately 32 air kilometers north of the town of Revelstoke (see Figures 1 and 2), at latitude 51°17'N and longitude 118°08'W.

Access is provided by approximately 35 km of paved road (Highway #23), and then a 10 kilometer all-weather road to the property. Helicopter service is also available from Revelstoke. A rough four-wheel drive road and several overgrown walking trails are found within the property.

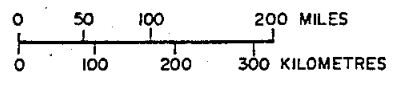
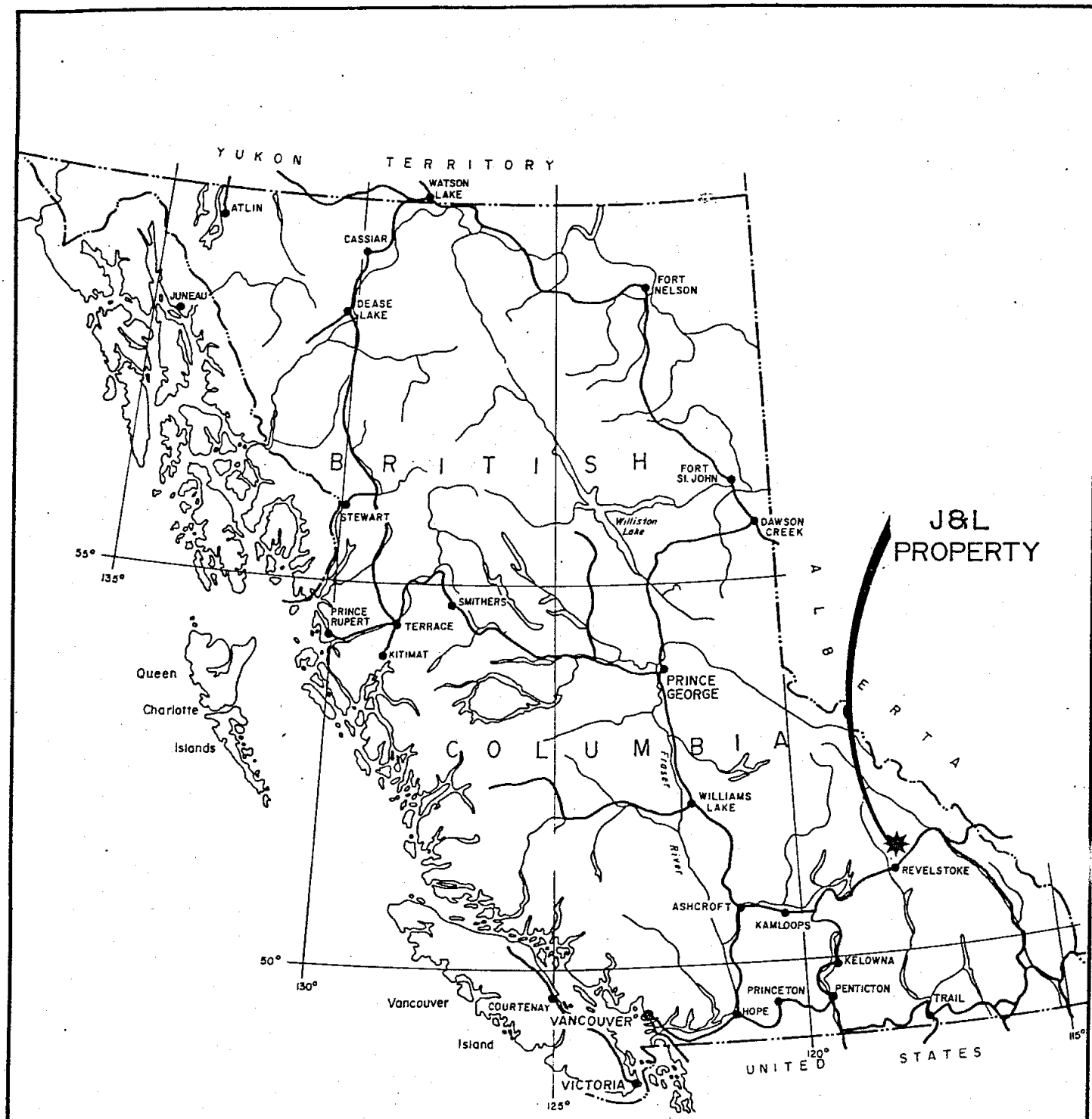
Maximum relief in the area of the property is 2349 m (ranging from 701 to 3050 m). The J&L adits are found at 830 meter elevation and the 986 elevation respectively, and are accessible by road and/or trail. Access throughout most of the property is difficult and slow. The bedrock controlled valley slopes reach 35 to 45 degrees and are densely covered with rotting cedar and hemlock trees. Locally, windfall, deadfall, alders, devils club, stinging nettles and second growth are extensive. Treeline is approximately the 1,980 meter elevation and permanent glaciers are found above 2,286 m. The property is drained on the south and east by Carnes and McKinnon Creeks, on the west by Kelly Creek, and to the north by Burke Creek. The peak of Roseberry Mountain is located 2.8 kilometers NNW of the J&L 830 portals. The North Zone and Roseberry showings are located on the south and southwest flanks of the mountain. Above the 830 portals the ridge of Goat Mountain trends southeast to east in a broad arc, with the Main Zone surface showings on the southwest side.

The winters are long and relatively mild with a snowpack of 1 to 4 m. The summers are moderate with an average rainfall of 65 cm/year and temperatures ranging from 16 to 30 degrees centigrade. Water quality from McKinnon Creek is good and can be used as a potable water source year round.

Camp facilities are located approximately 700 m east of the bridge over Carnes Creek in the valley of McKinnon Creek. Included are a 26 man bunk house, dry facilities, engineering and geology office and a cookery. All of these are housed in Atco style trailers. Several wood buildings are used for core logging and splitting with storage in outside core racks. Also located at this site are three log cabins which date to the 1940's and are a portion of the original J&L camp site. Power is supplied by diesel generators.

Both portals to the 830 meter level workings are open and located along the southeast bank of McKinnon Creek. The 832 trackless portal is located in the junction area of Carnes and McKinnon valleys and is also open. Located near this portal is a free standing steel building used as a shop and storage facility by previous contractors. An upper adit (986 elv.) was blasted closed after sampling in a previous program.

Road building near the portal areas has been limited, however a new road has recently been constructed parallel to Carnes Creek. This past summer a new road and bridge have been put in across McKinnon Creek just upstream from the confluence with Carnes Creek. This road was developed for logging by



CHENI GOLD MINES INC. EQUINOX RESOURCES / PAN AMERICAN		
J&L PROJECT LOCATION MAP		
EQUINOX OPERATIONS GROUP		
Scale: As shown	Date: July 91	Fig. No.: 1
	Proj.: 220	Drawn: RFW

Kozeck Sawmill of Revelstoke, which has the timber rights in this area. Another bridge has been erected across Carnes Creek to the northeast and the road is planned to go up towards the headwater areas.

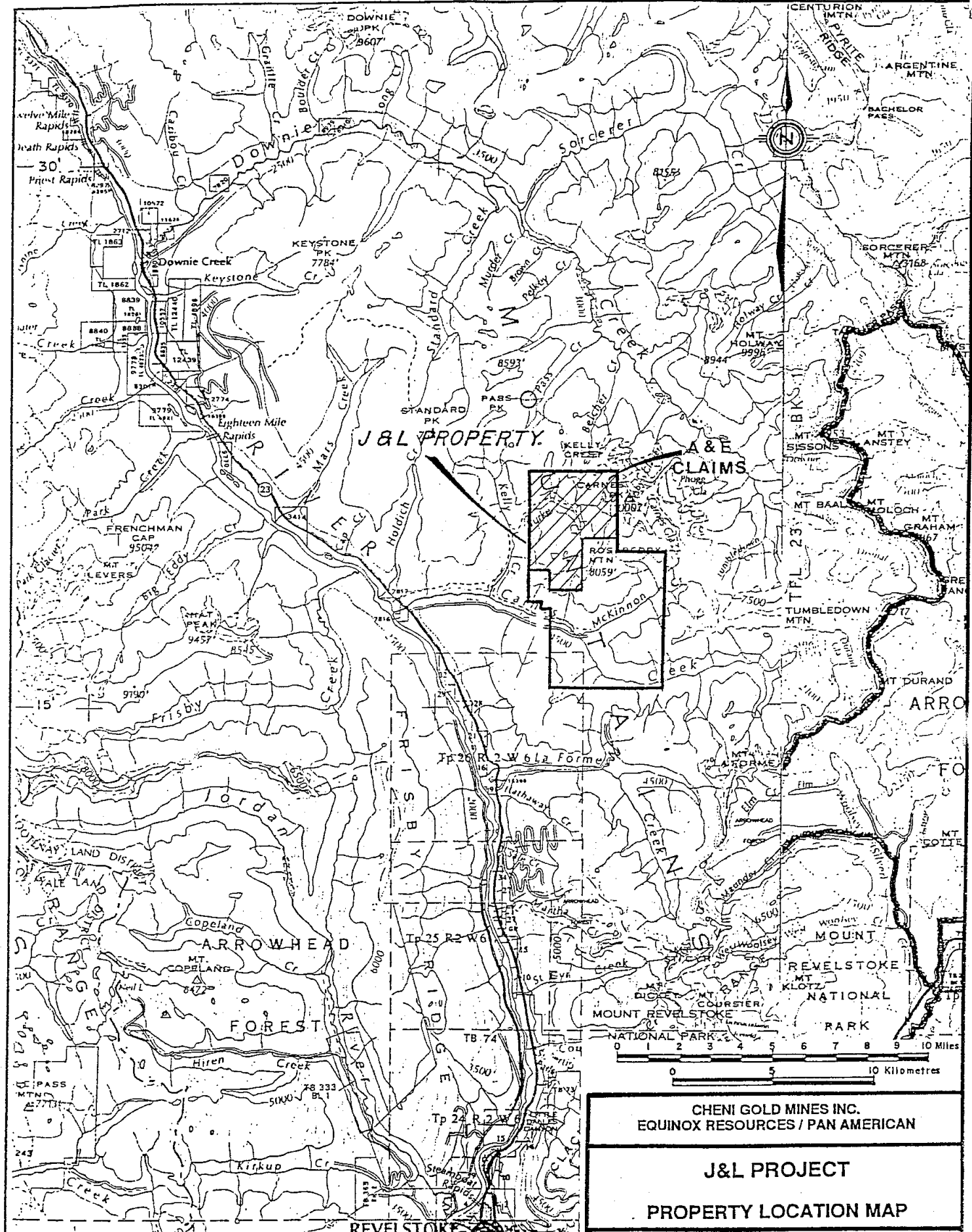
2.2 Project History

The following is a capsule history of the J&L property with particular attention to the areas investigated this year. For a more complete summation, refer to Weicker, 1991.

- 1896 Surface showings staked by prospectors "Jim" and "Lee" (hence J&L property). Property staked on behalf of Roseberry Consolidated Mines.
- 1887-1900 The Roseberry Zone was extensively developed by the Carnes Creek Consolidated Co. Ltd., with 272 m of drifting and cross cutting on three levels
- 1912 The original Main Zone discovery was made on the property. Early development included a 91 meter adit (986 elv.) and two 46 meter shafts.
- 1924-1927 Limited work by Porcupine Goldfields Development and Finance Co. for Mr. E.E. McBean.
- 1929, 1933 A short adit was driven on the A&E claims which were owned by A. Kitson and the E. McBean estate with additional work in 1933.
- 1934 T.E. Arnold acquires the J&L claim group. The claims were converted to crown grants.
- 1935-1946 Raindor Gold Mines optioned the property and completed 152 m of drifting on the 986 level, two shallow shafts and several trenches. In 1946 log cabins were erected which are still standing.
- 1952 Property sampled by Asarco over Goat Mountain and limited work on the North Zone.
- 1962-1967 Property optioned to Westairs Mines Ltd., which conducted exploration and development in a joint venture with East Ventures Ltd., and Stairs Exploration & Mining Co. Ltd. Work included geological mapping, prospecting, and trenching of the J&L, A&E. and Roseberry zones. Westairs Mines Ltd. reported to have completed 306 m of diamond drilling on the Roseberry and A&E targets. In addition, a 98 meter drift was driven north of the old workings on the A&E property and the 1830 elevation adit was driven 81 m to facilitate drilling. This activity was serviced by a helicopter from a base camp on Burke Creek. No report was available on the Roseberry portion of the program.

Weststairs completed 272 m of drifting on the J&L property at the 830 level. The footwall vein was drifted on initially and then a crosscut was driven to intersect the main vein. A total of 183 m of underground AX diamond drilling was completed from the level. Other work included the construction of 12.4 km of road to the site from the Columbia River Highway.

- 1980, 1981 Pan American Minerals acquired the property under lease from T. Arnold and in 1985 optioned the property to BP Selco.
- 1982-1985 BP Selco Ltd. actively explored and developed the J&L Main Zone including:
- road construction
 - 1,095 km airborne EM survey
 - extensive mapping, surface geochemistry and geophysics, including new showings and sampling on the Main Zone on Goat Mountain and the North Zone
 - 671 m of underground drifting on vein on the 830 level and 353 m of crosscutting for drilling
 - 2,640 m underground drilling in 64 holes
 - major metallurgical investigation at Lakefield Research
- 1986-1987 Noranda Mines completed metallurgical sampling.
- 1987-1988 Pan American Minerals completed 1,904 m of underground diamond drilling and four raises were driven on ore for approximately 30 m each. Other work included metallurgical studies, a new portal driven for 165 m and a limited amount of Alimak raising.
- 1988-1989 Equinox Resources Ltd. optioned the property from Pan American Minerals Corp. and completed 3,000 m of diamond drilling, bulk sampling, pilot metallurgical studies and a preliminary feasibility study entitled Completion Report on Phase I Exploration Program - June 1989 indicated geological reserves of 808,000 tonnes proven and probable category at 7.2 g/t Au, 65.7 g/t Ag, 2.6% Pb, 5.2% Zn, and 4.7% As.
- 1989 August - Limited surface exploration completed on the A&E showings by Equinox. Confirmed the arsenical nature of the mineralization in a setting similar to the Main Zone.
- 1990 October - Signing of agreement between Equinox Resources Ltd., Pan American Minerals Corp., and Cheni Gold Mines Inc. Commencement of 1990-1991 exploration program.



CHENI GOLD MINES INC.
EQUINOX RESOURCES / PAN AMERICAN

J&L PROJECT

PROPERTY LOCATION MAP

EQUINOX OPERATIONS GROUP

SCALE.	As shown	DATE.	Nov., 1989
DRAWN.	RW. GR.	FIG. No.	2

To Sicamous - 44 miles

To Shilleran - 11 miles
To Shilleran - 11 miles

2.3 Claim Description and Ownership

The J&L property is comprised of (A) 10 crown granted mineral claims, patented claims or lots, whose taxes are assessed by the Vernon Assessment District; (B) eight single unit mineral claims, and (C) 24 multi-unit claim blocks consisting of 349 mineral units. The property totals 367 mineral claim units. All of the claims are located on National Topographic Series map sheet 82M8 - Salmon Arm. The status of these claims was recently reviewed and Figure 3, Claim Map represents the general layout of these claims. Note that one crown grant claim (M-56 L-4815) is currently not part of the property.

The crown granted claims are owned by Mr. T.E. Arnold of New Jersey, U.S.A. and are under lease to Pan American Minerals Corp. subject to 11% net profits royalty after capital, interest and operating costs payback. All other claims are held 50% by Pan American and 50% by Equinox and are subject to the Arnold agreement. The other agreement in effect on the above mentioned claims is the Equinox - Pan American - Cheni Gold Mines Inc. agreement (October, 1990). Cheni has acquired an option to earn a 60% interest in the J&L property by funding all costs to completion of a bankable feasibility study within 3 years, making a production decision and arranging 100% of capital costs for mine construction.

Equinox and Pan American currently each hold a 50% interest in the J&L property. Equinox also holds approximately 40% of Pan American shares and controls its Board of Directors. If Cheni vests at 60%, Pan American will hold the other 40% interest and Equinox will own 50% of Pan American.

The overall J&L property has been grouped into five groups with the A&E showings located on the Shannon North and Burke Groups and the Roseberry showings on the Burke Group. The North Zone showings are in the Tom Group (formerly the Arty #1 Group). The Shannon North Group (proposed) consists of 40 units, the Burke Group consists of 79 units and the Shannon Group consists of 46 units. The Sam Group consists of 84 units including the crown grant L-14825. The Tom Group consists of 58 units including crown grant L-14829 and L-14827.

3. 1991 SUMMER PROGRAM

The summer program was started in early June following the completion of a major underground exploration program. The 26-man camp was purchased from the mine contractor and used as a base of operation.

Initial activities included reconnaissance mapping and prospecting of the areas on the North Zone and on Goat Mountain. A base line was cut to the North Zone showings and offset lines were cut for geochemistry, geophysics and mapping. Progress was slow on the west side of McKinnon Creek as the terrain is difficult and the vegetation dense and overgrown. The grid base was centered at the 830 elv. portal entrance which is 10000E and 10000N. The entire site and portal area was surveyed as well as portions of the North Grid baseline. A grid was also established over the surface trace showings on Goat Mountain and a loop grid flagged to complete the EM-57 geophysics program. All cross lines were chained and slope corrected. A total of 1.8 km of baseline and approximately 90 km of offset lines were cut. This work was completed by Equinox crews. A total of 244 soil samples and 75 rock samples were taken.

Prospecting and reconnaissance mapping continued over the summer moving to other targets. The Roseberry workings were uncovered and mapped and sampled. Helicopter support from Revelstoke was used occasionally. Other activities included the re-activation of the stream monitoring stations and consulting on environmental issues.

In summary, the entire exploration crew is to be commended for their hard work and excellent effort over difficult terrain. The camp is currently winterized and although currently vacant, can be utilized with little notice.

3.1 Diamond Drill Program

Diamond drilling was completed by Falcon Drilling Ltd. of Prince George, British Columbia. Drilling was initiated in late July using a skid-mounted Boyles 56A rig to drill two holes at the Yellowjacket target from the valley of McKinnon Creek. All other drilling was serviced by helicopter and utilized a modified F-1000 drill rig developed by Falcon. Caterpillar work and site preparation was completed by Phil Beatty of Revelstoke. Helicopter support was supplied by Canadian Helicopters from the base in Revelstoke.

The following table summarizes the drill program which has been submitted for assessment requirements.

Hole #	Angle	Bearing	Size	Depth	Target	Section
91-62	-55°	157°	NQ	276.5m	Yellowjacket	10100E
91-63	-58°	143°	NQ	317.3m	Yellowjacket	10150E
Subtotal			NQ	593.8m	Yellowjacket	
91-64	-65°	180°	BDBGM	136.6m	Upper MZ	Hole last
91-65	-75°	180°	BDBGM	326.1m	Upper MZ	10713E
91-66	-90°	180°	BDBGM	359.1m	Upper MZ	10713E
91-67	-65°	180°	BDBGM	291.4m	Upper MZ	10713E
91-68	-69°	180°	BDBGM	261.5m	Upper MZ	10904E
91-69	-84°	180°	BDBGM	253.9m	Upper MZ	10904E
91-75	-65°	180°	BDBGM	220.4m	Upper MZ	10460E
91-76	-90°	180°	BDBGM	202.1m	Upper MZ	10460E
91-77	-55°	250°		230.8	West MZ	9600E

Falcon Drilling Ltd. performed well with satisfactory recoveries and good drilling rates per man shift. The program was completed in early September and the equipment demobilized to Revelstoke.

The drill sites are presented in Figure 9 (in pocket) and cost breakdown and related assessment assignment are detailed in Appendix A.

4. REGIONAL GEOLOGY AND MINERALIZATION

4.1 Regional Geology - Lithology

The J&L property lies near the north end of the Kootenay Arc, a northerly trending belt of Late Proterozoic to late Paleozoic metasedimentary and metavolcanic rocks. The Kootenay Arc represents a major lead-zinc metallogenic province extending from northern Idaho through southeastern B.C. to north of Revelstoke in the northern Selkirk Mountains. Large, low plunging isoclinal folds parallel the trend of the Arc.

The regional area of the J&L property occupies the Goldstream slice of the Selkirk Mountain Range and lies in the hanging wall of the Columbia River fault zone, a major north-northwesterly structural feature. The assemblage is bound to the east by the northern extension of the Purcell anticlinorium and the Rocky Mountain thrust belt and trench. To the west the Goldstream slice is in fault contact with the Proterozoic Shuswap metamorphic complex (Figure 4).

Lowermost within the Goldstream slice are rocks of the Hadrynian Horsethief Creek Group. Overlying these units is a Hadrynian to Lower Cambrian succession that includes the Hamill Group including the March Adam Formation and the Mohican Formation, followed by the Badshot Formation and the Lower Cambrian and younger Paleozoic Lardeau Group. Within the slice at least two phases of isoclinal folding and subsequent faulting have occurred, resulting in structural complexity and obscured stratigraphic relationships. The stratigraphy over the property area consists of folded and faulted Lardeau and Hamill metasediments and metavolcanics, and Badshot limestones.

The Lardeau Group consists of graphite-quartz phyllite with minor chlorite-graphite and graphite phyllite. The phyllites contain minor amounts of pyrite and iron oxide and local calcareous lenses and fracture fillings.

The Hamill Group comprises of quartzite, chlorite-quartz, quartz-chlorite, chlorite-sericite-quartz, and quartz sericite phyllite. The quartzites are clean to dirty, massive to well foliated and contain minor calcareous fracture fillings; especially near the contact with the Badshot limestones. The anticlinal Hamill stratigraphy pinches on surface to the northwest of the Roseberry grid, where exposures of Badshot limestone are found.

The Badshot Formation overlies the Mohican Formation and is predominantly medium to fine grained, recrystallized, grey banded limestone with local medium-grained calcite veinlets. Calcareous sericite phyllite occupies a number of shear zones and host numerous, but erratic tan weathering quartz-carbonate lenses.

The overlying Mohican Formation is a calcareous phyllite unit which is comprised of limestones, tan weathering dolomites, calcareous grits and phyllites, and minor calcareous quartzites.

LEGEND

SELKIRK AND MONASHEE MOUNTAINS

- PALAEZOIC AND/OR MESOZOIC**
- 10 PLEISTOCENE AND RECENT
Glacial drift, silt, alluvium; areas of little or no outcrops; 10a, alpine moraine; 10b, landslide or slump
 - 9 POST LOWER CAMBRIAN
Granitic rocks, undivided; 9a, biotite quartz monzonite; 9b, porphyritic biotite-hornblende quartz monzonite; 9c, mainly hornblende granodiorite
 - 8 Nepheline syenite-gneiss
 - 5 CAMBRIAN AND LATER
LOWER CAMBRIAN AND LATER
LARDEAU GROUP
Dark grey and black carbonaceous siliceous slate, phyllitic siltstone, and quartzite; dark grey limy slate, rusty weathering buff slate; dark grey and rusty siliceous phyllonite and quartz muscovite-chlorite-plagioclase schist; light and dark grey limestone; greenstone and chlorite schist; 5a, crystalline schist and gneiss
 - 4 CAMBRIAN
LOWER CAMBRIAN
BADSHOT FORMATION: light grey and dark grey limestone, buff and grey dolomite, silvery brown phyllite, grey and white quartzite; 4a, marble, amphibolite, calc-silicate rocks
 - 2 HAMILL GROUP
Pale brown, grey, pale green quartzite; rusty brown, grey, and green slate and phyllite, minor buff- and brown-weathering limestone; 2a, feldspathic micaceous quartzite, quartz-mica schist, amphibolite; 2b, greenstone, locally amygdaloidal, greenstone-breccia
 - 1 WINDERMERE
HORSETHIEF CREEK GROUP
Grey, buff, brown, and green slate; phyllitic feldspathic quartzite; quartz-sericite schist; 1a, grey, silvery brown and golden brown quartz-mica schist, mica schist, micaceous quartzite, speckled quartz-feldspar-biotite-gneiss, amphibolite, calc-silicate rocks, pegmatite (schists commonly contain garnet, kyanite, and sillimanite); 1b, marble, limestone; 1c, limy beds; 1d, amphibolite
- PALAEZOIC**
- H SHUSWAP METAMORPHIC COMPLEX
Hla, dunite; hb, biotite-hornblende pyroxenite
 - G Quartz-mica schist, micaceous quartzite, graphitic quartz-sericite schist, andalusite schist, minor apilite and pegmatite (may be part of Mount Ida Group)
 - F Granitic gneiss and abundant pegmatite, paragneiss; Fa, quartz-feldspar-biotite paragneiss, quartzite, marble calc-silicate rocks; Fb, migmatite complex composed of quartz-feldspar-biotite paragneiss containing sillimanite, linedated leucogranite, apilite, pegmatite; foliated hornblende-biotite granodiorite, granite-gneiss, amphibolite, calc-silicate rocks, nebulitic gneiss and agmatite; Fc, marble
 - Ea Quartz-biotite-feldspar paragneiss (commonly containing garnet and sillimanite), micaceous quartzite, amphibolite, calc-silicate rocks, all abundantly laced with pegmatite; Ea, marble, calc-silicate rocks
 - Da Quartz-biotite-feldspar schist and paragneiss (commonly containing garnet, kyanite, and sillimanite), amphibolite, hornblende gneiss, quartzite, marble, calc-silicate rocks; minor pegmatite; Da, marble; Db, quartzite
 - C Swirled gneissic granite; minor biotitic amphibolite
 - B More or less homogeneous biotite > hornblende granite-gneiss, locally garnetiferous, commonly veined; minor streaky gneiss
 - A Mixed gneiss varying in composition from foliated leucogranite, locally pegmatitic, through biotite > hornblende granite- and granodiorite-gneiss, to quartz diorite-gneiss and amphibolite and variously occurring as banded gneiss, streaky gneiss, veined gneiss, wavy and folded gneiss
- Geological boundary (defined, approximate or assumed)
- Glacier
- Limestone, marble in thin beds

ROCKY MOUNTAINS

- PALAEZOIC**
- 10 PLEISTOCENE AND RECENT
Glacial drift, silt, alluvium; areas of little or no outcrops
 - 7 MIDDLE CAMBRIAN
CHANCELLOR FORMATION: thin-bedded grey and greyish brown limestone and argillaceous limestone, micaceous limestone
 - 6 MIDDLE (?) CAMBRIAN
CANYON CREEK FORMATION: grey and black argillite and slate
 - 3 LOWER CAMBRIAN
Grey and brownish quartzite, sericitic slate

MINERAL PROPERTIES

Lead-zinc	Copper	Asbestos
1. Kinbasket	11. Montgomery	17. Monarch
2. Rucklock Creek	12. Standard	Placer
3. Cottonbelt		
4. River Jordan	Gold	18. West Columbia
5. Mastodon	13. Stanmack (Ole Bull)	19. McCulloch Creek
6. Lead King	14. Roseberry	20. Graham Creek
7. Little Slide	Molybdenum	
8. J and L		Au ☆
9. A and E	15. Sterling	
10. Keystone	16. Hard Pan	

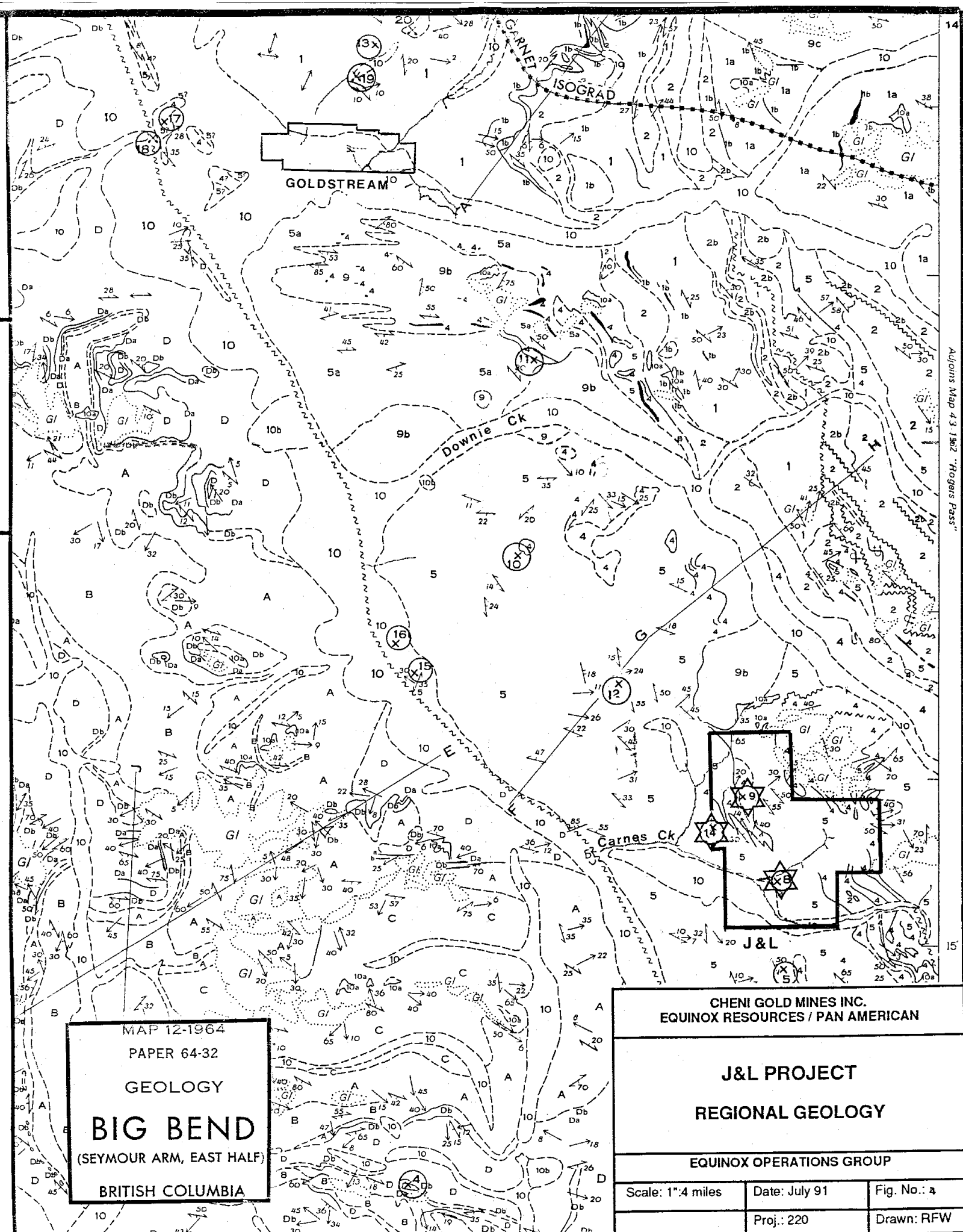
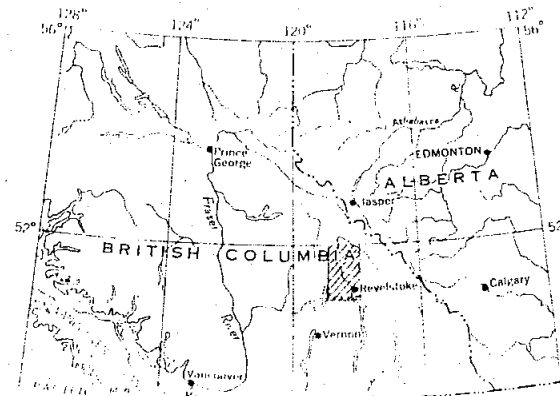
Geology by J. O. Wheeler, 1962 and 1963
Geology of Adamant batholith by P. E. Fox, 1962

Geological cartography by the Geological Survey of Canada, 1964

- Roads, all weather
- Other roads
- Trail
- Railway
- District boundary
- Intermittent river and lake
- Contours (interval 500 feet)
- Horizontal control point

Base-map compiled and drawn by the Surveys and Mapping Branch, 1964, names added by the Geological Survey of Canada

Mean magnetic declination 23° 32' East decreasing 3.3' annually.
Readings vary from 23° 00' in the SE corner to 24° 00' in the NW corner of the map-area



MAP 12-1964
PAPER 64-32
GEOLOGY
BIG BEND
(SEYMOUR ARM, EAST HALF)
BRITISH COLUMBIA

CHENI GOLD MINES INC.
EQUINOX RESOURCES / PAN AMERICAN

J&L PROJECT
REGIONAL GEOLOGY

EQUINOX OPERATIONS GROUP

Scale: 1"=4 miles	Date: July 91	Fig. No.: 4
	Proj.: 220	Drawn: RFW

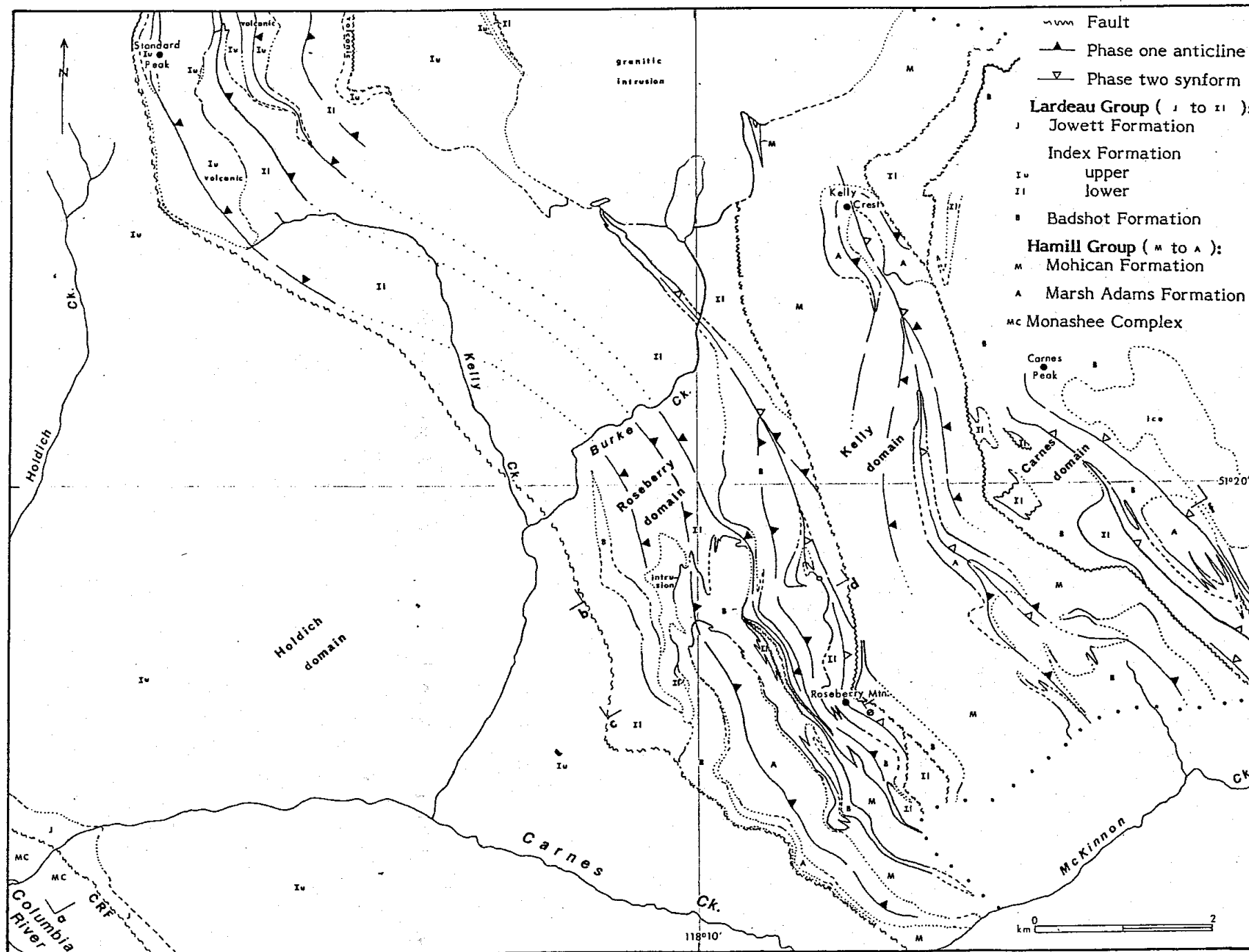


Figure 26.2. Simplified structural and stratigraphic map. CRF = Columbia River fault zone.

Brown, R.L., Lane, L.S., Psutka, J.F., and Read, P.B., Stratigraphy and structure of the western margin of the northern Selkirk Mountains: Downie Creek map area, British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper 83-1A, p. 203-206, 1983.

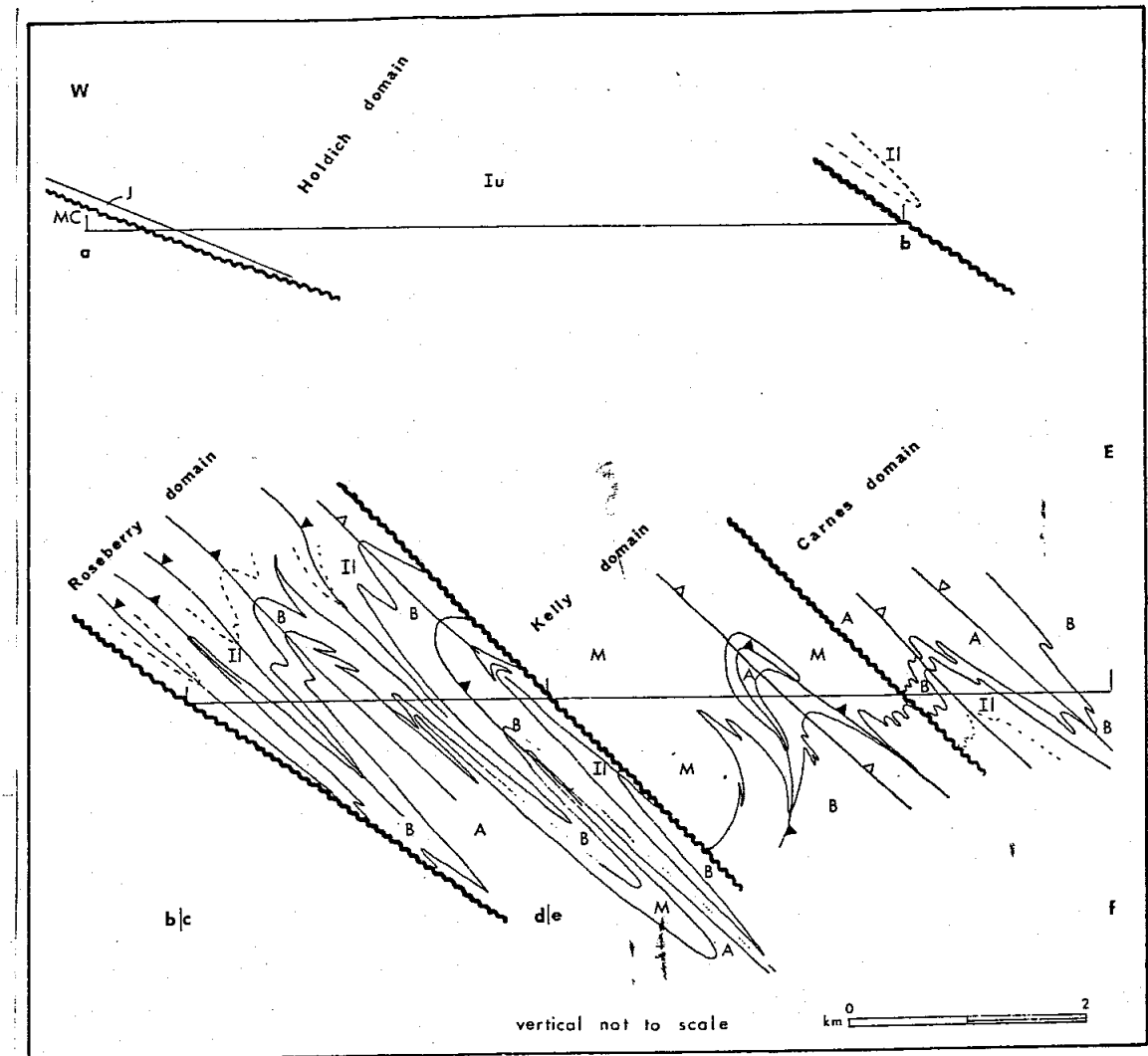


Figure 26.3. Structural cross section. True dips of stratigraphic and structural boundaries have been drawn to scale, but projection above and below the section is diagrammatic. Section lines located and units described in Figure 26.2.

CHENI GOLD MINES INC. EQUINOX RESOURCES / PAN AMERICAN		
J&L PROJECT STRUCTURAL GEOLOGY		
EQUINOX OPERATIONS GROUP		
Scale: As shown	Date: July 91	Fig. No.: 5
(Brown, R. Lieta)	Proj.:	Drawn: RFW

4.2 Regional Geology - Structure and Metamorphism

At least two late phases of intense deformation have affected the rocks on the J&L property. The northwest trending, northeast dipping Goldstream allochthon has been subjected to tight to isoclinal folding and subsequent faulting that has cut the slice into several fault domains (Brown, et al, 1983). Most of the mineralized occurrence lies in the Roseberry domain (Brown, et al, 1983) with a moderate northeasterly dipping fault identified, which separates the Roseberry domain from the Kelly domain (Figure 5).

The central and eastern parts of the Roseberry domain, which covers much of the J&L property, are dominated by macroscopic first-phase isoclinal folds with normal stratigraphy. The axial trace of an early fold system trends north-northwest and a latter axial trace trends east-northeast. The positions of the J&L Main Zone, Roseberry and possibly Mastodon occurrences plot roughly along a trend north-northwest similar to the early axial fold trace and the major faults separating structural domains. Consequently the structural influences on the J&L sulphide mineralization may be related to secondary "shadow" faults to these major features.

Metamorphic grades of rocks on the J&L property are predominantly middle to upper greenschist. Higher grades comprising the middle to upper amphibolite fields and defined by the sillimanite isograd are indicated just northeast and west of the J&L property.

4.3 Regional Geology - Mineralization and Economic Geology

In the region several prospects are known for base metal mineralization within varied geological terranes. Some occurrences contain appreciable amount of silver, however gold values are generally low outside of the immediate J&L area. The occurrence of the Main Zone and other prospects on the property as gold bearing arsenical massive sulfide bodies appears unique to the region and rare within British Columbia.

4.3.1 Producers

Early placer operations were active in the area in the 1800's. Gold in excess of one million dollars was won from certain creeks (Sullivan, 1964), with Carnes Creek noted as one of the better placer creeks.

At least twenty lode silver-lead properties in the Big Bend area were producers based on the standards which existed at the turn of the century (Sullivan, 1964).

The only significant recent producers in the area were the Mastodon (SE of J&L) and the Goldstream (NNW of J&L) deposits (Figure 4).

The Mastodon Highland Bell mine produced 6,112 ounces of silver, 90.2 tons of lead, 2,956 tons of zinc, and 12.1 tons of cadmium from 31,900 tons of ore. This translated into a recovered grade of 6.75 g/t Ag, 0.28% Pb, and 9.27% Zn.

Processed ore was essentially arsenic free. The mineralization is concentrated at the quartz-sericite-phyllite limestone contact (White, 1951). All units are isoclinally folded and strongly sheared, cut by several strike faults more or less parallel to foliation (Wheeler, 1964).

This property is currently held and being explored by Teck Corporation. Several strong Pb-Zn geochemical anomalies were outlined and recently drilled. The core and data was briefly reviewed. Only weak sphalerite and galena mineralization was intersected in limestones, dolomites, gritty dolomites, and minor phyllites and schists. Four of the five drill holes did not reach target depth due to blocky ground.

The Goldstream deposit, located approximately 43 km northwest of the J&L property, is hosted by basic volcanics and volcanoclastic sediments of the Lardeau Group (Hoy, 1979). Production in 1983-84 by Noranda Mines was 492,700 tons with a head grade of 3.4% copper and 2.2% zinc. The mineable ore reserves currently stand at 2,040,000 tons at a grade of 4.81% Cu and 3.06% Zn (Northern Miner, May 13, 1991). The property is currently owned by Bethlehem Resources Ltd. and Goldnev Resources, with the former operating the mine, and the latter responsible for the surface exploration. The mine has recently been reopened with the concentrates being shipped to Japan for treatment.

4.3.2 Other Prospects and Showings

Within the region numerous other prospects are indicated, generally with base metal mineralization comprising mainly lead and zinc, and to a lesser extent silver and copper.

Volcanic Hosted Massive Sulfide Occurrences: The Goldstream described above, and the Standard occurrence comprise this group. Generally the significant metals are copper and zinc, with minor silver. The metallurgy is often complex, such as the Goldstream where initial milling recovered very little zinc.

The Standard property is approximately 6 kilometers northwest of the J&L portals. The mineralization comprises stringers and narrow lenses of pyrite, pyrrhotite, chalcopyrite, and minor sphalerite. Sulfides occur in sheared greenstone units within a broad zone of interbedded limestones, pyritic graphitic schist, sericitic and chloritic schists (Wheeler, 1964). All units are interpreted to be of the Lardeau Group, Upper and Lower Index Formations (Brown, R.L. et al, 1983).

The Keystone is located approximately 6 kilometers NW of the Standard, underlain by similar geology. At this occurrence gently dipping limestones have been replaced along bedding by quartz, pyrite, pyrrhotite, sphalerite and galena (Wheeler, 1964).

Gold Occurrences: Gold occurrences in the region are rare. On the Mastodon property an old workings known as the Adair prospect has been rediscovered. The showing comprises a quartz vein with erratic mineralization of pyrite, arsenopyrite, pyrrhotite, and minor sphalerite and galena (Betmanis, 1990).

Although recent gold values were poor, it is thought to have been worked previously for gold (Jenkins, per. com., 1991).

Other gold occurrences known as the Ole Bull and Orphan Boy claims are located just north of the Goldstream property. The occurrences consist of several quartz veins mineralized with pyrite, free gold, and pyrrhotite (Wheeler, 1964). They are steeply dipping to the east, crosscutting quartzites and schists of the Horsethief Creek Group. This area is currently held by Bethlehem Resources.

5. PROPERTY GEOLOGY AND MINERALIZATION

5.1 Property Geology - Lithology

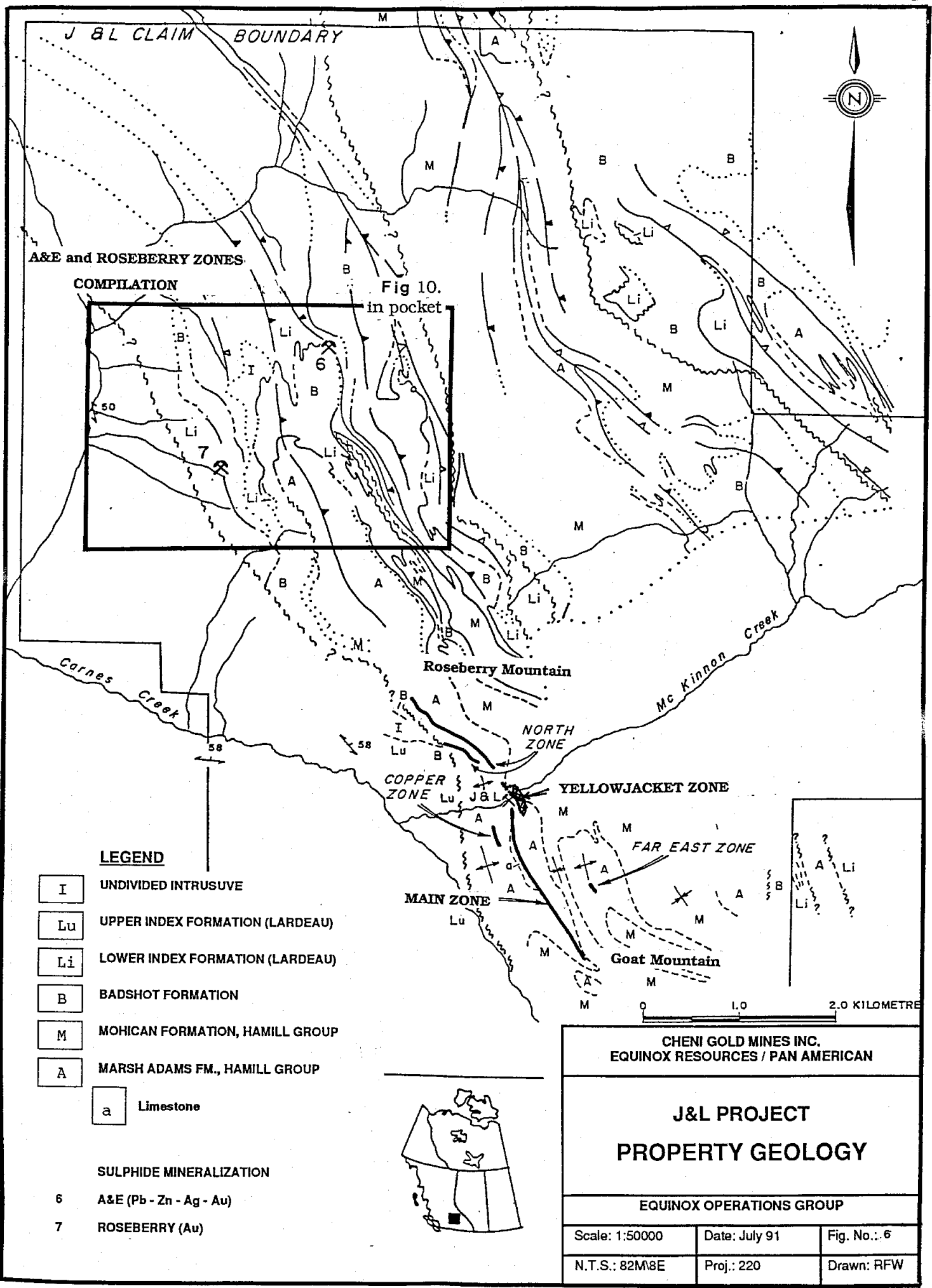
The principal sulphide zones on the J&L property are hosted by northwest trending, steeply east dipping, metasediments and metavolcanics of the Lower Cambrian Hamill Group. The property's geological stratigraphy and the mineralized zones and structural features all parallel the regional trends which strikes approximately 328° northwest.

The central and southern areas of the property are underlain by rocks of the Marsh Adams Formation representing the lower portion of the Hamill Group. These rocks comprise mainly quartzites and phyllites, with minor units of chloritic and sericitic quartz-mica schists (Figure 6 in text). These are flanked on the eastern limb by rocks of the Mohican Formation Group, the upper component of the Hamill Group. These rocks include a cyclical sequence of light green calcareous phyllite, chloritic and sericitic phyllites and schistose equivalents and minor volcanic units. Both members of the Hamill Group are known to contain contorted limestone carbonate sequences, with a higher occurrence in the Mohican Formation. Northeast of the anticlinal core the Mohican Formation comprises tan weathered dolomite grit (Pegg, 1985) and calcareous chloritic and sericitic schists.

North and northwest of the J&L Main Zone several expansive exposures of Badshot limestone have been observed. Archaeocyatid bearing, gray limestone of the Badshot Formation extends from east of McKinnon Creek, northwestward across the headwaters of Burke Creek (Brown, et al, 1983). Fossiliferous Badshot limestone was observed immediately above the Roseberry adits in these current program. Along the trend of the Main Zone structure, Badshot is between the Marsh Adams Formations quartzites and the Upper Index Formation (Lardeau Group). At other locations on the property the quartzite units are absent and the Badshot is between Mohican Formation rocks and Lardeau units.

On the west and southwest flank of Goat Mountain and on the west side of Roseberry Mountain the area is underlain by Upper Index Formation (Lardeau Group) rocks comprised of graphitic and argillaceous phyllites and schists, and minor chlorite and sericite graphite schists. Minor intrusions of diorite, lamprophyre and amphibolite have been observed on the west slopes of Roseberry Mountain. Diorite occurrences are frequently interlayered with intermediate to mafic volcanic rocks.

The Yellowjacket Zone is contained within a package of siliceous carbonate, dolomite, clean limestone and volcanic (tuffaceous) units, enclosed by chloritic and volcanic units of the Mohican Formation. The Main Zone in the underground workings area is also hosted by a cyclical sequence of quartzites, quartz-rich schists and phyllites, and chlorite-sericite schists and phyllites. Within this stratigraphy are narrow bands of gray to carbonaceous limestones. The geology near the surface trace of the Main Zone is considerably more siliceous in character than at the 830 level. Drill holes collared in the hanging wall on Goat Mountain intersected thick units of quartzites and/or felsic volcanics and chloritic phyllites and/or intermediate volcanics.



An examination and interpretation of all data generated to date on the J&L property and the Mastodon to the southeast indicates that one major structure may control the economic mineralization. If the North Zone and Roseberry prospect along with the Mastodon and J&L Main Zone are plotted on a specific level plan (i.e. 1600 or 1000 m) there is strong support that they are linked together. Just east of this trend is a fairly continuous resistively airborne anomaly that may be related to graphite and graphite-sericite phyllite which may be associated with a parallel structure.

5.2 General

This section details the mineralized showings on the property, however for a more detailed description of the underground geology and drilling refer to Weicker (1991). The summer program was focused on the upper extension of the Main Zone on Goat Mountain, the re-evaluation of the North Zone (i.e. western extension of Main Zone), the Roseberry Zone, and the Yellowjacket Zone. No exploration activity was completed on the A&E prospect zone in 1991 (refer to Weicker, 1989).

5.2.1 Upper Extension - Main Zone

The Main Zone surface trace had previously been traced on the side of Goat Mountain for a distance of 1.8 km by surface showings, trenching and old workings. Utilizing all this data which included sampling by BP Selco, old company reports, and Ministry of Mines Reports, a possible grade was compiled for all data points on the upper trace of: 5.98 g/t Au, 48.4 g/t Ag, 1.52% Pb, 1.44% Zn, and 2.72% As. The grade for selected intersections was 6.92 g/t Au grading 56.5 g/t Ag, 1.78% Pb, 1.70% Zn and 3.03% As. However grades for Pb and Zn were not considered reliable due to surface oxidation, and the data for As was incomplete. Drill results are summarized in the following table.

SUMMARY OF DRILLING ON GOAT MOUNTAIN

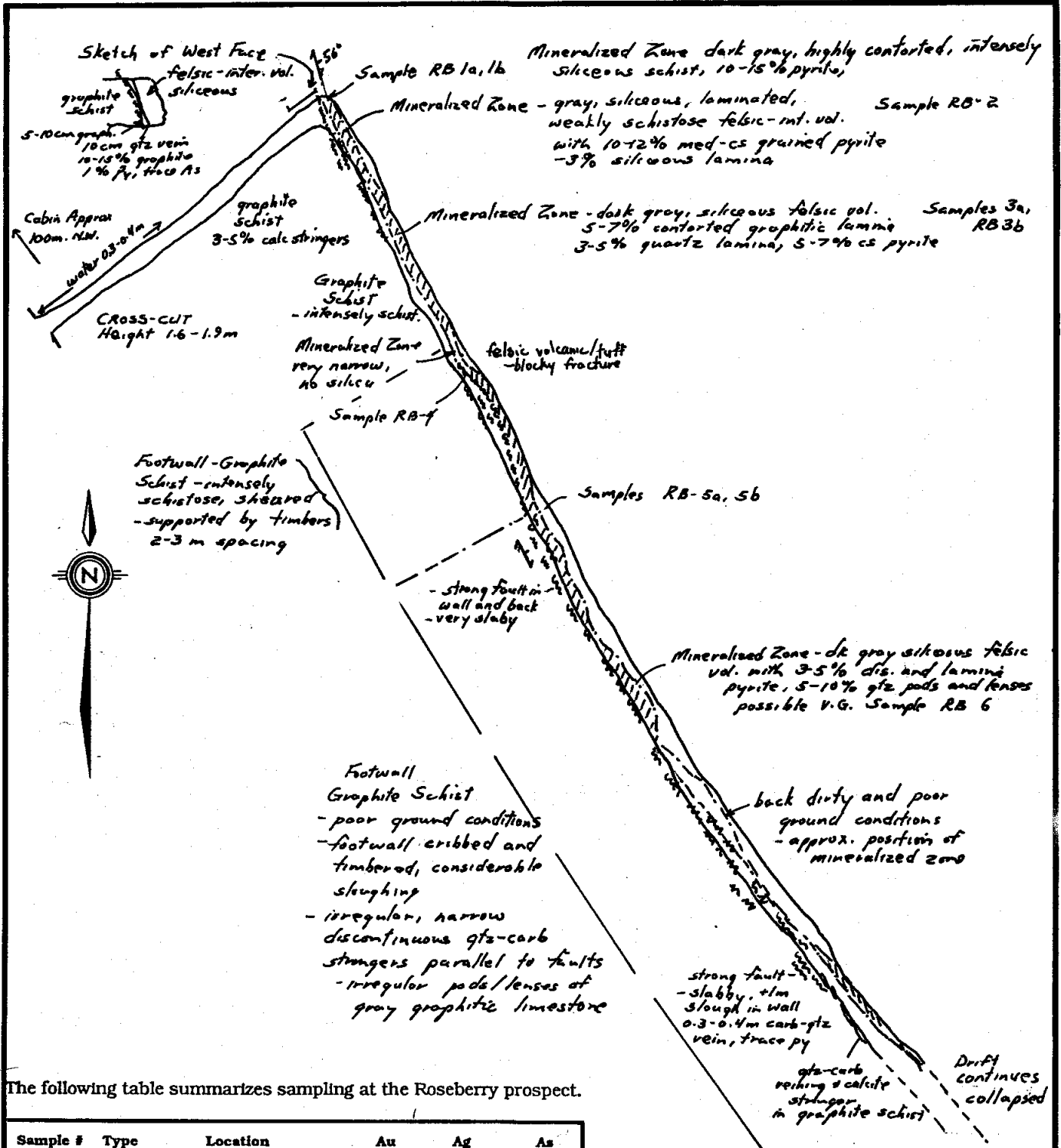
Hole #	Angle	Zone	From	Drill Width	Au g/t	Ag g/t	Pb%	Zn%	As%
Location: drill site at 10713E, approx. elev. 1365 m on Goat Mountain:									
91-64-65°		Hole lost, stopped at 136.6 m							
91-65-75°		MZ	222.9	0.2m	2.59	31.2	0.66	2.72	3.02
91-66-90°		MZ	256.4	0.9m	1.58	17.5	0.09	0.15	3.23
91-67-65°		MZ	213.0	1.6m	7.50	19.5	0.60	0.30	5.53
Location: drill site at 10900E, approx. elev. 1360 m on Goat Mountain:									
91-68-69°		MZ	186.6	1.1m	3.07	22.1	0.60	0.30	3.19
	and	MZ	194.5	1.8m	2.73	29.0	1.05	4.03	3.78
91-69-83°		MZ	223.0	1.4m	7.19	60.7	1.31	2.55	12.06
	and	MZ	224.4	3.1m	0.70	10.1	0.13	0.05	3.14
	and	MZ	227.5	1.9m	4.01	246.0	4.66	4.62	5.88
	or	MZ	223.0	6.2m	3.05	86.2	1.64	2.11	5.91
	and	MZ	231.5	2.3m	2.11	35.1	0.54	0.48	3.52
Location: drill site at 10450E, approx. elev. 1250 m on Goat Mountain:									
91-75-65°		MZ	154.3	1.3m	2.87	159.3	3.65	4.95	6.23
91-76-90°		MZ	174.5	1.6m	5.80	100.9	2.23	6.19	2.08

In the course of the summer's work many of the previous showings and trenches were re-examined and some selective sampling completed. One of the better showings is an old adit at 1015 elev. which returned the following results:

Sample	Width	Type	g/t Au	g/t Ag	%Pb	%Zn	%/As	Description
1015_1	1.5m	chip	42.02	12.0	0.62	0.91	25.93	M.S.
1015-2	0.3m	chip	32.55	30.0	1.64	0.78	16.99	M.S. Select

A grab sample from the 986 adit dump returned:

Sample #	Width	Type	g/t Au	g/t Ag	%Pb	%Zn	%/As	Description
986-1		grab	16.56	324.0	5.60	12.00	9.00	M.S.



The following table summarizes sampling at the Roseberry prospect.

Sample #	Type	Location	Au g/t	Ag g/t	As %
Adit #2 Area					
RB-1a	Chip 0.5m	West face - FW	380 ppb	4.6	7.16%
RB-1b	Chip 0.5m	West face - HW	575 ppb	1.4	512 ppm
RB-2	Grab	Adit 2 - 2m E	550 ppb	1.5	1590 ppm
RB-3a	Grab	Adit 2 - 13m E, FW	10 ppb	<0.01	512 ppm
RB-3b	Grab	Adit 2 - 13m E, HW	160 ppb	1.1	573 ppm
RB-4	Chip	Adit 2 27m E	150 ppb	1.4	264 ppm
RB-5a	Grab	Adit 2 - 40m E, FW	30 ppb	1.0	147 ppm
RB-5b	Grab	Adit 2 - 40m E, HW	130 ppb	0.1	70 ppm
RB-6	Chip 1.5m	Adit 2 - 57m E	2.54 g/t	1.0	1.36%
RBD-1	Grab	Cabin area	6.30 g/t	42.5	23.85%
RBD-2	Grab	Cabin area	3.97 g/t	39.5	19.33%

**CHENI GOLD MINES INC.
EQUINOX RESOURCES / PAN AMERICAN**

J&L PROJECT - Summer 1991

ROSEBERRY ADIT # 2 AREA
(Sketch Geology Map)

EQUINOX OPERATIONS GROUP

Scale: 1:500	Date: Oct 1991	Fig. 7
	Proj.: 220	Drawn: RFW

These samples compare very well with the previous data. The short adit was reported in a 1922 B.C. Ministry of Mines Report assaying 39.1 g/t Au over 0.8 m. Based on reports by Westairs from 1964 the 986 adit was anomalously high in Ag, Pb, and Zn. Sampling and geological mapping by BP Selco from 1982-84 appears to have been completed in a thorough and professional manner. In summary the previous sampling on the surface trace is representative and reliable. The Main Zone mineralization appears to be more variable in thickness and metal zonation on the surface trace than at the 830 elevation.

Although many of the intersections from the surface drilling were narrow and marginal in value, the program intersected the zone in every drill hole and confirmed the Main Zone's continuity from the 830 level to surface, and the extension to the east. The location of the surface drill sites were widely spaced and good potential exists to have economic ore "shoots" of limited horizontal and vertical dimensions. This is supported by the numerous points of surface sampling.

5.2.2 Yellowjacket Zone

In late November 1990 the first surface diamond drill hole of the major 1990-91 exploration program intersected a wide zone of lead zinc mineralization within siliceous carbonates and limestones. This hole was drilled in the McKinnon Creek valley in the hanging wall of the Main Zone. Subsequent exploration comprised 1125.3 m of drilling in 7 surface holes and 2590.0 m of drilling in 14 underground holes for a total of 3715-3 m in 21 holes.

The mineralization was confined to the Yellowjacket Unit (YJU) comprising a variable carbonate sequence bounded by phyllites and schists, all part of the Mohican formation. The mineralized zone did not appear to outcrop on Goat Mountain in the area just above the portal. Consequently, all geological interpretation was based on core diamond drilling which tended to smooth and simplify the interpretation to some degree.

The focus of the summer exploration program was to complete prospecting and geological mapping west of McKinnon Creek to extend the zone. This area is extensively covered by overburden comprising fluvial outwash and talus. Due to the lack of outcrop a program of soil geochemistry and geophysics was also completed.

In late July a surface diamond rig was moved to an old trail parallel to McKinnon Creek and two holes drilled slightly offsection to better define the Yellowjacket Zone. The logs for holes 91-62 and 91-63 are included in this report.

These holes support the interpretation that the entire Yellowjacket Zone is plunging to the east at 40 to 50°, flanked on the hanging wall by sericitic and chloritic phyllites and minor volcanics, quartzites, and limestones, and on the footwall by chloritic and sericitic phyllites.

5.2.3 Roseberry Prospect

History

The Roseberry prospect occurs on the southwest side of Roseberry Mountain. It is referred to in early B.C.M.M. Annual Reports (1897, 1898) and summarized by Gunning, 1928, but details of geology and values are poorly documented. The Roseberry Zone was extensively developed by the Carnes Creek Consolidated Co. Ltd., with 272 m of drifting and cross cutting on three levels between 1887 and 1900. In 1962 the property was optioned to Westairs Mines Ltd., which conducted exploration and development in a joint venture with East Ventures Ltd., and Stairs Exploration & Mining Co. Ltd. Between 1962 and 1967 exploration activities included geological mapping, prospecting, and trenching of the J&L, A&E, and Roseberry zones. Westairs Mines Ltd. reported to have completed 306 m of diamond drilling on the Roseberry and A&E targets. The results and locations of this drilling are not known. No further work has been reported since the 1960's and the showings and workings were not found by BP Selco in the 1980's.

Roseberry Prospect

Access to the Roseberry area is by helicopter from the J&L camp. Prospecting and reconnaissance mapping were completed and the four Roseberry adits located.

The main adit (Adit #2, refer to Figures 7 and 8 in pocket) was located west of a drainage draw just below the contact of Lardeau graphitic schists and fossiliferous Badshot limestone. The adit comprises a 30 m cross cut through intensely foliated graphite schists and phyllite mineralized with trace pyrite. The drift is small, measuring on average 1.5 x 1.5 m. At the end of the cross cut the graphite schist is in contact with an intermediate to felsic tuff unit. At this point the drift turns sharply to the southeast. In the west face an irregular quartz vein occurs measuring 0.1 to 0.2 m in thickness. The drift continues to the southeast and has centered on the graphite schist and tuff contact with the mineralization comprising discontinuous stringers, lenses and disseminations of pyrite in amounts of 3 to 15%. The zone strikes at 148° and dips 53° to the northeast, with a sharp, slightly conchoidal, planar fracture against the hanging wall tuffs.

Sampling was completed along the zone and the southeast portion of the drift is accessible for about 100 m. The drift continues but is partially collapsed and unsafe to access further. The graphite schist on the footwall is extremely schistose and unstable and has been timbered extensively. Minor brecciated limestone lenses are scattered along the graphitic schists. Only minor amounts of arsenopyrite were observed usually associated with the irregular quartz veinlets and stringers. Only one of nine chip samples along this drift returned significant gold and arsenic values assaying 2.54 g/t Au, 1.36% As.

Another mineralized showing was uncovered immediately north of a collapsed cabin. An initial grab sample returned 12.97 g/t Au, 12.2 g/t Ag, and 7.16% As. This showing was badly overgrown and covered by overburden and required extensive excavation with hand tools. The mineralization comprised coarse disseminated to semi-massive arsenopyrite in discontinuous quartz carbonate veins hosted by graphitic phyllite (see inset map Figure 8 in pocket). A collapsed

adit was in the vicinity of this showing (Adit #3). Good gold values were obtained from a quartz-arsenopyrite vein exposed along surface for 3.5 m with the best chip sample assaying 15.03 g/t Au, 37.4 g/t Ag, and 12.99% As over 30 cm. The gold values seem to be directly correlatable to the presence and amounts of arsenopyrite. Samples around the collapsed cabin may have been from this area. Sample RBD-1, a grab from the cabin, returned 6.30 g/t Au, 42.5 g/t Ag, 23.85 % As, 1.38% Cu, 565 ppm Pb, and 232 ppm Zn. This sample closely resembled Main Zone type mineralization.

The following table summarizes sampling at the Roseberry prospect.

Sample #	Type	Location	Au g/t	Ag g/t	As %	Comments
Adit #2 Area						
RB-1a	Chip 0.5m	West face - FW	380 ppb	4.6	7.16%	1670 ppm Cu
RB-1b	Chip 0.5m	West face - HW	575 ppb	1.4	512 ppm	
RB-2	Grab	Adit 2 - 2m E	550 ppb	1.5	1590 ppm	
RB-3a	Grab	Adit 2 - 13m E, FW	10 ppb	<0.01	512 ppm	
RB-3b	Grab	Adit 2 - 13m E, HW	160 ppb	1.1	573 ppm	
RB-4	Chip	Adit 2 27m E	150 ppb	1.4	264 ppm	
RB-5a	Grab	Adit 2 - 40m E, FW	30 ppb	1.0	147 ppm	
RB-5b	Grab	Adit 2 - 40m E, HW	130 ppb	0.1	70 ppm	
RB-6	Chip 1.5m	Adit 2 - 57m E	2.54 g/t	1.0	1.36%	
RBD-1	Grab	Cabin area	6.30 g/t	42.5	23.85%	1.38% Cu
RBD-2	Grab	Cabin area	3.97 g/t	39.5	19.33%	
Adit #3 Area						
RB-A3-15	Chip 0.3m	HW 0.0E	0.17	0.8	0.27	
RB-A3-16	Chip 0.4m	Quartz vein 0.0E	5.79	23.0	10.86	
RB-A3-14	Chip 0.4m	Quartz vein 0.5E	5.24	28.8	8.01	
RB-A3-12	Chip 0.3m	Quartz vein 1.0E	15.03	37.4	12.99	
RB-A3-13	Chip 0.8m	FW1.0E	0.69	4.2	0.97	
RB-A3-11	Chip 0.5m	Quartz vein 1.5E	3.69	24.0	12.58	
RB-A3-8	Chip 0.5m	Quartz vein 2.0E	1.99	2.8	1.11	
RB-A3-9	Chip 0.5m	As-qtz vn 2.0E	3.54	34.5	13.52	639 ppm Cu
RB-A3-7	0.4m	As-qtz vn w.5m	4.45	33.2	15.98	
RB-A3-10	Grab	Qtz vn FW 2.5m	0.13	1.8	0.29	
RB-A3-4	0.4m	HW-3.0m	0.65	3.2	0.40	
RB-A3-5	0.4m	Qtz vn-3.0m	5.87	50.6	11.89	292 ppm Pb
RB-A3-6	0.7m	FW-3.0m	0.63	5.0	0.57	
RB-A3-3	Grab	Qtz vn 3.5m	2.57	3.4	0.48	1217 ppm Cu
RB-A3-1	0.7m	FW-3.5m	0.27	3.0	0.56	
RB-A3-2	1.0m	FW-3.5m	0.09	1.2	0.02	274 ppm Zn

Roseberry Mountain Area

Prospecting and sampling of Roseberry Mountain resulted in the discovery of other lead-zinc showings and a soil gossan. The new Pb-Zn showings do not occur over economic widths but by linking the Main Zone to the soil gossan and consequently the Roseberry adits they demonstrate the tremendous continuity of the host structure. A geochemical sample from the soil gossan returned significant lead and zinc values of 99 ppm and 465 ppm respectively. The area between the soil gossan and Roseberry adits, a distance of 1.6 km, is covered by overburden and justifies further exploration.

An old adit (designated RB#2) occurs with approximately 20 m of crosscutting, in an oxidized sericitic-chloritic schist near the contact with limestones. The gossan and surface outcrops were sampled in 1989 extensively at this location and the zone was traced along strike northwest. Only low values were returned in all metals. Sulphide mineralization consists mainly of pyrite, with very minor phyrrotite and arsenopyrite.

Summary

An 1898 report describes the Roseberry as "a width of 50 feet (15 m) well mineralized, containing good values in gold, which can probably be made to pay to work. Within this belt is a vein, averaging about 5 feet (1.5m), containing concentrated ore of much higher value..." (Sibbold, J.P., 1898). It would seem that this report is optimistic. The mineralization on surface and in the remaining underground workings is narrow, discontinuous, and erratic. The contact zones between graphite phyllites/schists and limestones host considerable pyrite mineralization, however gold values are returned only if arsenopyrite is present. These showings are at an approximately 1500 m elevation, and correlate very well with the Main Zone trend. Consequently, considerable exploration potential exists along strike in areas unexplored or covered by overburden and at depth.

5.2.4 A&E Prospect

The A&E prospect lies on the northeast slope at Roseberry Mountain. It comprises three mineralized zones and has been tested by three adits, several trenches, and 306 m of diamond drilling. The adit elevations are at approximately 1830 m and 1880 m (Figure 8 in pocket).

Within the prospect area phyllitic quartzites of the March Adams Formation (Hamill Group) form the basement of a large, southeast plunging syncline. Two quartzite units are flanked by limestones of the Badshot Formation and metasediments and schists of the Lardeau Group. Numerous horizons of interbedded limestone and argillite occur between the base quartzites and the limestones. The quartzites and argillites are frequently metamorphosed to sericitic, graphite and chlorite schists.

All of the significant structures (faulting, bedding and contacts) follow the common regional trend of 335°/55° NE (45-75°). Tight asymmetrical folds have been superimposed upon the bedding and are readily visible from the aerial survey. No major crosscutting features have been observed.

The mineralized showings on the A&E prospect are similar to the J&L Main Zone, but appear to lie stratigraphically higher in the hanging wall. Arsenic values are generally higher, with Au:As ratios lower than at the J&L site. High grade zinc without arsenic was also present in the sampling. The mineralization is related to sheared schistose zones, with intense deformation and complex folding, interlayered with or at the contact with limestones.

Specific A&E Showings are:

"A" Zone

The "A" zone represents the stratigraphically lower zone and occurs on the southwest side of the valley. Two adits occur just above the camp location which was on a helipad used by Westairs Mines Ltd. in the 1960's.

This zone was tested through drifting in the No. 1 Adit (circa 1930's). This adit is collapsed a short distance from the portal, but was mapped by Westairs Mines Ltd. in 1966. Grab samples taken in 1989 of massive sulphides from a muck pile at the portal comprised arsenopyrite, pyrite, sphalerite and galena. The best sample returned 26.88 g/t Au, 177.94 g/t Ag, 3.55% Zn, 0.43% Pb, 30.16% As and 0.75% Cu. The average of all four samples returned 11.01 g/t Au, 356.67 g/t Ag, 10.75% Zn, 5.48% Pb, 11.39% As and 0.29% Cu.

The "Westairs adit" located approximately 15 m lower on a northeast trend, comprises approximately 85 m of lateral drifting. The drift is only partially in the zone, with massive to stringer sulphides similar to the above occurrence varying from 0.3 to 1.4 m in width. The footwall comprises sericitic-chlorite schist with intense folding and deformation. The hanging wall comprises grey graphitic limestone. At least two diamond drill holes were completed, directed at different targets than what was drifted on. The best assays returned from our sampling were 4.22 g/t Au, 158.74 g/t Ag, 4.59% Zn, 7.17% Pb, 6.49% As, and 0.03% Cu over 0.3 m.

Other showings on this same trend occur on the southeast slope of the valley. Here the sulphide mineralization is very narrow, weak and erratic. Pyrite, arsenopyrite and minor galena were observed in sericite schist interlayered with limestone (Location A-1, A-2).

On the northwest slope of the valley, approximately 60 m higher in elevation another adit has been advanced on narrow sulphide mineralization between sericite schist and limestone. This has been designated the North Adit. The mineralization comprises arsenopyrite, pyrite, sphalerite and galena, with the average of six chip samples returning 4.42% Au, 157.38 g/t Ag, 7.78% Zn, 4.3% Pb, 5.16% As, and 0.04% Cu, over 0.5 m average width. If this is a continuation of the lower showings, then it is estimated that the zone extends for a strike of 410 m laterally, and 160 m vertically.

"B" Zone (Cirque Zone)

The "B" Zone is found approximately 125 m west of the "A" Zone and roughly parallels it. The zone is found along the contact between limestone and graphitic and chloritic schists, on the face of a cliff of a cirque. Sulphide minerals includes pyrite and arsenopyrite, and minor amounts of sphalerite and galena. The gossan zone is moderately to strongly oxidized and very evident

from the air. It is estimated to have a minimum vertical extent of 50 m and a lateral extent of 200 m. Assay results from sampling on the cirque zone returned low metal values. It has been proposed that the "B" Zone lies on a major strike fault and that the "A" Zone is a subsidiary looped fissure into the limestone of the hanging wall (Hope, 1964).

Along strike of this zone on the south side of the ridge five old trenches were uncovered by BP-Selco in 1983. In the vicinity of the middle trench, some boulders of massive sphalerite with minor amounts of galena and chalcopyrite and trace amounts of pyrrhotite, malachite and azurite were found (Pegg, 1984). No mineralization was found in situ within the trenches. These trenches are very close to geophysical anomaly VIII. Two lines of ground geophysics were completed with the Genie (EM) and Magnetometer. Approximately 200 m along strike of the trenches a grab sample of subcrop (?) I.V.C. returned 245 ppb Au, 392.8 g/t Ag, 11.8% Pb, 26.40% Zn, and 70 ppm As. The sample contained galena and sphalerite in gossanous leached rock near an old trail.

"C" Zone

Northwest of the camp, on the limestone "hog-back" which forms the western edge of the cirque, another showing was uncovered by BP-Selco in 1982. Designated the A&E "C" Zone, this showing was not visited. The mineralization comprises disseminated chalcopyrite and tetrahedrite in a belt of brecciated limestone. Widths up to 3.7 m were observed but no samples were taken (Pegg, 1983).

6. GEOLOGICAL SETTING AND GENESIS

The 1991 summer exploration program confirms the J&L Main Zone as a major structural feature with a possible continuity of at least 9 km from the Roseberry prospect, to the J&L Main Zone underground workings and surface trace, to the Mastodon Mine to the southeast. The mineralization is extremely planar and sheet-like in geometry and is hosted in Cambrian sediments and volcanics with an intensely deformed shear zone. The shear is locally laminated with numerous massive sulphide zones and variable mineralogy and metal zonation. The economic mineralization appears to be controlled by subtle, large scale drag folds with dip slip and strike movement. Both the thickness and competency of the host rocks and associated geological contacts appear to have controlled dilatancy within the cyclic stratigraphy of quartzites, phyllites and minor limestone. The brittle ductile deformation of the narrow, elongate limestone units are favourable dilation zones with upper and/or lower contacts with phyllites or quartzites. Such limestone units are observed along the surface trace of Goat Mountain and in the underground drift. However the limestone units are not continuous from surface to underground and the mineralized shear is slightly to moderately discordant to the stratigraphy. In areas where the shear occurs between two units of similar physical characteristics or within a thick homogeneous sequence, the deformation is ductile only and not prone to dilation and consequently only thinly mineralized with sulphides. An example of this feature is the West Creek showing where narrow zinc mineralization occurs between a thick limestone and mafic volcanic sequence. Similarly in the underground area Section 500E, only narrow mineralization occurs when the shear mineralized is totally enclosed by limestone.

7. CONCLUSIONS

Results from the 1991 summer exploration program support a structural control model that concludes that arsenical massive sulphide mineralization is hosted in a shear zone that links the J&L Main Zone with the Roseberry prospect and the Mastodon, a distance of 9 km.

7.1 Exploration Potential

The exploration potential is considered excellent for delineating and expanding known prospects and for discovering new mineralization, along the seven kilometres structural zone within the property.

7.1.1 Yellowjacket Zone

The Yellowjacket Zone has a probable and possible mineral reserve of 1,000,000 tonnes at 52.5 g/t Au, 2.97% Pb, and 7.09% Zn. The discovery of this deposit is representative of the excellent exploration potential that exists within the favourable lithologic and tectonic environment on the J&L property. Relevant to this conclusion are the following:

- 1) The Yellowjacket Zone is a new deposit, discovered less than one year ago.
- 2) The deposit has been tested by only 23 holes (surface and underground) comprising 4309 m of drilling.
- 3) Boulder mapping and sampling has supported an extension to the west which has not been explored. The potential exists for polymetallic mineralization in thick, bulk mineable zones.
- 4) There is excellent potential for similar mineralization within other limestone units of the Mohican Formation and in the Badshot Formation which has hosted most of the Kootenay Arc lead-zinc deposits.

7.1.2 A&E Prospect

The A&E prospect represents a series of parallel mineralized targets similar to the J&L Main Zone, however, located northeast of the principal structural control. At least three targets are present with 600 m of Badshot limestone and Lardeau graphitic and sericitic phyllite.

- 1) A&E prospect - through limited underground workings and surface showings a narrow arsenical zone of massive sulphides has been traced vertically for 160 m and along strike for 400 m. The mineralization has not been tested at depth.

- 2) Cirque Zone and East Extension - this target includes the gossanous Cirque Zone and a possible extension to the southeast in Badshot limestone. Old trenches, a ground geophysical anomaly and a subcrop sample (1991) all warrant further investigation.
- 3) A&E "C" Zone - this comprises sulphide mineralization discovered by BP Selco in 1982 near the contact of Lardeau graphite-granite schists and Badshot limestone.

The significance of the A&E targets is that they represent the potential for multiple parallel zones of mineralization, important considerations in both exploration and mining applications. A greater understanding of the A&E zones may indicate a continuity to the southeast along another parallel shear. If the A&E structure continues to the McKinnon Creek, it would be an attractive exploration target in the hanging wall of the J&L Main Zone.

8. RECOMMENDATIONS

The following recommendations are based on the results of the 1990-91 underground/surface program and the 1991 summer exploration program.

- 1) A program to continue to expand the mineral reserves should be completed. This would involve additional development in the hanging wall on the 830 level for drilling and/or a trackless decline to intersect the Main Zone at a lower level (say 700 elv.). If a decline is proposed, a series of deep drill holes from the McKinnon stream valley and several short holes from the current trackless drift to investigate the position of the Copper Zone, would assist in the planning of the development. The depth component along the entire strike of Main Zone remains the most attractive target for increasing reserves.
- 2) A surface exploration program should be completed over the A&E prospect. This would involve geophysics (EM-34) which proved useful in delineating the massive sulphide zones. Also included would be geological mapping, prospecting, sampling and some geochemistry. Contingent on success, a diamond drill program is proposed to test multiple zones of sulphide mineralization at depth, over a 600 m stratigraphic section. The program would be initiated in mid-summer due to the high elevation of the showings (1800 m) and would require fly camps in the area and helicopter support.

9. REFERENCES

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10.

Statement of Qualifications

I, Robert Weicker, do hereby certify:

1. That I reside at 3000 Walton Avenue, Coquitlam, British Columbia V3B 6V7
2. I am a practicing geologist employed as Chief Mine Geologist by Equinox Resources Ltd., 900, 625 Howe Street, Vancouver, British Columbia V6C 2T6.
3. That I am a graduate of the University of Waterloo, Waterloo, Ontario with a degree in Honours Earth Science (B.Sc. 1977).
4. That I have practiced exploration and mining geology in Canada and the United States since 1977 while employed by LAC Minerals Ltd., Noranda Exploration, Pamour Porcupine Mines, Asarco Exploration and Equinox Resources.
5. That I have personally supervised and managed the work carried out on the property from September, 1990 to the present. That the observations and opinions expressed herein are based on my personal examination of the property and on a review of available data and reports.
6. That I have no direct or indirect interest in the properties included in this report or in any securities related to the property, although I have held and may again hold options to purchase shares in Equinox Resources Ltd. and/or Pan American Minerals Corp.
6. I hereby grant my permission for Equinox Resources Ltd., Pan American Minerals Corp. and/or Cheni Gold Mines Inc. to use this report in any way.

Dated this 24th day of October, 1991 in Vancouver, B.C.



Robert Weicker, B.Sc.

Addendum To Appendix of Report on
1991 Summer Exploration Program J & L Property

All remaining core is stored on the property in the outside storage racks located near the old log cabins, on the south side of Mckinnon Creek just upstream from the confluence with Carnes Creek. Considerable portions of the mineralized intervals have been used for metallurgical evaluations.

APPENDIX A

DIAMOND DRILL LOGS

- A1. Holes 91-62, 91-63, 91-77
Tom Group - G.D. #603
- A2. Holes 91-64, 91-65, 91-66, 91-67
Sam Group - Crown Grant L-14825
- Holes 91-74, 91-75
Sam Group - Crown Grant L-14825
- Holes 91-68, 91-69
Shannon Group - Crown Grant L-14825

Appendix A1

**Holes 91-62, 91-63, 91-77
Tom Group - G.D. #603**



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DIAMOND DRILL RECORD

Property Jal

Logged by W. Hanson
Date Logged JULY 26/91
Drilling Begun JULY 24/91
Drilling Finished JULY 27/91

Hole Bearing 157°
Collar Dip Angle -55°
Dip Test: Depth _____ Angle _____
Total Depth 276.5m
on Sec 10140

Hole No. 3-91-62
Core Size NQ
Claim Group L14829
Location ~10300N, 10069E 867 EGN

FROM	TO	DESCRIPTION	SAMPLES			
			NUMBER	FROM	TO	WIDTH
0.1	27.4	CASTING				
27.4	34.9	CHL QZ PHYL - MED TO PALE GREEN/GRY - WELL FOL'D @ 30-60°CA - ~20-25% HIGHLY CONT. QZ UNITS < 3cm - THIN THROUGHOUT UNIT - TR DISSON PH AS F.F. < 1mm - TR DISSON PD - LT GRAD. ACROSS 20cm				
29.0	29.6	BROKEN CORE - POSSIBLE FT ZONE - - EXT. BRKN @ BLOCKY w/ 0.1m L.C.				
34.9	36.5	QZ MU PHYL - WHITE TO LT GRAY / F.G. MSU TO WLY FOL'D - - <10% MU DISS. ALONG FRACT SURFACES - WK FOL'D @ 60°CA - LT GRAD ACROSS 10cm - EXT HARD & SILC - MOD BLOCKY				
35.8	36.1	FAULT ZONE - EXT BLOCKY CORE W GOUGE - GOUGE IS PARTLY WHITE W CG. HOST QZK FRACTS < 3cm - GOUGE @ 60°CA				
36.5	39.2	QZ CHL PHYL - MED TO LT. GRAY - WELL FOL'D @ 60°CA - ~45-50% F.G. QZ CONTENT RESULTING				



BEATTY GEOLOGICAL LTD.
Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	Cu
				NUMBER	FROM	TO					
		- IN A MOD HARD ROCK TYPE - LT GRAD ACROSS 20cm									
39.2	42.9	Chl Phyl - dk to med green f.g. well fol'd @ 60°CA - <10% mende bull white or blk < 1cm - CHECK - LT SHARP @ 50°CA									
42.8		@ 42.8m - A 3.5cm THICK MSU OR UN @ 70°CA - VLT WELL DEF'D BY MSU SULPHIDE STR. - ALSO @ 70°CA. - 80% F.G. RED SPA F.F. HOSTING M.S. < 3mm - BLKCS OF PEPH < 10% - MSU SULPHIDE UNKT < 1cm THICK		110401	42.8	43.1	0.3		2.1	2.01	4.42
43.4	43.4	Qtz Chl Phyl - Pale to lt green f.g. well fol'd @ 60°CA w/ wklly contorted fol'd. - ~60% Qtz content - HIGHLY SILC d HARD - LT SHARP @ 60°CA									
43.4	52.0	Chl MSU Phyl - LT TO PALE GREEN. WELL FOL'D @ 60°CA - < 10% BULL QTZ UNB OVERALL - TR PY BLKCS - TR TB CF. - MOD CONTORTED FOLW LCI = 60°CA									
47.8		3.1cm THICK FT GOUGE @ 60°CA									
49.9		1.5cm THICK FT GOUGE @ 60°CA									



BEATY GEOLOGICAL LTD.
Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES								
				NUMBER	FROM	TO						
51.1	51.1	- 25-30% F.G. TO FF. < 3mm THICK @ 260°C PSEUDOMORPHIC MSO BOLL QZ UN										
52.0	52.2	INT. V. XTAL. TUFF - LT GRAY F.C. W/ QZ & 50°C - HERCYNITE FRAGS - < 50% (MAX) BOLL QZ STPS < 1cm THICK - LIT SHARP @ 60°C - MOD STRENGTH HARD - FINE SPAR FRAGS < 2mm d RANGE										
52.2	106.0	MUL. CHL. TUFF - LT GRAY / GREEN. W/ QZ FOLD @ 60-70°C - LIT SHARP TO 70°C DEF'D BY 1cm THICK TO R.F. - TR. DISS TO FIF @ CONTACTS OF QZ UN - < 10% BOLL QZ UN < 10cm THICK										
75.0	75.0	0.5cm THICK FT. GOUGE @ 70°C										
75.3	75.6	0.3m BROKEN d BLOCK MSO BOLL WHITE QZ UN										
77.0	77.7	0.7m BLOCKY CORE / FRACTS @ 65°C										
86.6	86.7	0.1m BROKEN CORE										
90.1	90.4	FAULT ZONE - 4 DIST. GOUGES @ 70°C 1-10mm THICK										
	91.5	FT GOUGE @ 70°C < 3mm THICK										
98.2	98.3	0.1m THICK FT. GOUGE @ 70°C										



BEATY GEOLOGICAL LTD.
Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES						
				NUMBER	FROM	TO				
101.9	101.9	FT ZONE - 2 GOUGE ZONES @ 9.7 CM THICK @ 70°C								
103.7	103.7	0.5cm THICK FT GOUGE @ 60°C								
104.8	105.8	- BLOCKY & BROKEN CORE W REK FT. GOUGE ALONG FRACT SURFACES								
106.0	120.8	LST - GRAY BANDS M.G. LST ~ 25% GRAY AS DISSEM FLAKES & BANDS < 1cm THICK - 10-15% CALC. UNITS < 1cm THICK - WELL BND @ 60-70°C - LST SHARP @ 70°C								
101.6	108.1	BLOCKY & BROKEN CORE W MAJOR FT GOUGE ON FRAGS FRAGS < 5cm								
120.8	139.7	MuPHYL / QZITE - INTERBEDDED PALE GRAY GREEN PHYL W 5 GRAY QZITE - - ~ 30% QZITE AS BANDS < 15cm - ~ 15% BULK WHITE QZ UNITS < 7cm - MOD WELL FOL'D @ 60-70°C - LST SHARP @ 70°C								



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH	A _u	A _g	P _b	Zn	As	
149.1	149.1	LST - GREY BANDED - PREV DESC 106.0-120.8 - WELL FOL'D @ 70°CA ~ 25% GR AS BANDS & FLAKES < 5mm ~ 10% CALCITE UNITS < 5mm - LCT SHARP @ 70°CA											
144.5	144.5	1.5mm ORANGE SPH F.F. @ 70°CA											
149.1	151.5	DE MOYAL - PALE GREEN, WELL FOL'D @ 70°CA ~ 3% GR AS TR GRANUL LENSES < 5mm - LCT SHARP @ 70°CA - TR SPH F.F. 150.6-150.9 - FINE ORANGE SPH F.F. < 4mm @ 70°CA - 1-2% SPH OVERALL											
151.5	161.0	LST - PREV DESC 138.7-149.1 156.5-160.6 increase in gr content to 30-40% 156.5-157.2 2-3% red sph as wipps & f.f. < 1% disc py; h.c. is 40-45% graph, patchy red silin 159.9-160.6 3-5% red sph f.f., < 1% gal; h.c. is patchy intense silin, mostly fold @ 65°CA @ 160.1 0.5cm fault gouge, cot=65°, dk grey + f. gnd											



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Consulting Geological Services

DIAMOND DRILL RECORD

Property 146

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 591-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					Cu	Ag	Pb	Zn	As	
				NUMBER	FROM	TO	WIDTH							
		@ 160.3 3.0cm shear zone, < 1% finely divided py												
		160.6-161.3 1-2% fine red sph. pit, ~1% gal. pit, 5-7% white gte vnc < 2.0cm, h.c. mod to strongly silid, fluorite vnc?												
161.3	167.1	SER PH4 - Med grey to greenish grey, modly fol'd @ 60°CA, 3-5% bull gte vnc < 2.0cm, - LCT = 70°CA												
167.1	168.3	LST - WHERE FG MOD STK - WKL4 AND @ 70°CA - < 3% BULL WHERE GTE VNC < 2cm - LCT SHARP @ 70°CA												
168.3	168.6	MURPH - PALE GRAY GRAY, WELL FOLD @ 70°CA - 10% BULL GTE STK < - LCT SHARP @ 70°CA												
168.6	169.0	LST - PREV DEC 167.1-168.3 - LCT SHARP @ 70°CA												
169.0	173.0	MURPH - PALE GRAY-GRAY - WELL FOLD @ 70°CA - < 10% BULL GTE VNC < 3cm - < 5% CB SILICATE < 5cm - LCT SHARP @ 70°CA												
177.3		- 0.5cm F GORE @ 70°CA		110407	177.3	178.0	6.7		< 1	< 0.1	0.01			



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Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As	Cu
				NUMBER	FROM	TO	WIDTH							
178.2	178.3	MURPHY - PALE OILY-GREEN, WOLLY FOLD @ 70°A - EXT SILC - TR DISSEM PI & SA AS FIG. BLKS < 2mm - LIT SHARP @ 70°A		110408	178.0	178.3	0.3	.02	4.1	.19	.32	.01	.01	
178.3	178.7	SILICA - WHITE - FIG. TO A PTAN. EXT SILC, WOLLY FOLD @ 70°A - 10-15% FIG. BFO SPH FIG - 1-2% FIG. GAL AS DISSEM BLKS < 2mm - 2-3% FIG. CPY AS DISSEM BLKS - LIT SHARP @ 60°A												
178.7	179.2	LST - FIG. WHITE MSN LST. MOD SILC - LIT SHARP @ 70°A												
179.2	179.8	DOLR - PALE GRAY, FIG. BX. - LG. ANG. FRACS OF Dol + 5 cm IN FIG. BLK - CRK. MTX (SP AS NARROW) FRACS < 2mm - 2-3% CRK. MTX - LG. SUB. AND BLKS OF P ₁ + 5mm FILL SOME FRACS - < 2% P ₁ OVERALL - TR DISSEM FIG. GAL W/LL BEV AT LIT < 1% OVERALL - LIT SHARP @ 75°A												
179.8	187.5	LST - WHITE C.G. SUBGRU LST. MOD TO WOLLY FOLD @ 70°A - UPPER 0.5m WOLLY SILC - INK. GRPHY. CONSTANT W DEPTH - LIT SHARP @ 85°A												



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
187.7	187.7	Mafic Dyke - C.S. mafic int. dyke w/very sharp cuts - a 20% fspcr areas < 5mm - a 10% biotite - a < 2% fig. olivine - lct sharp @ 80°Ca offed by 0.3cm fit Gauge										
187.7	194.0	Chl. FHL - dk green, well fol'd @ 70°Ca - broken & blocky ground w/ft gauge - major fault zone										
192.0	194.0	Fault Zone - + 70% gauge 30% ground broken core - 1.0m lost core - lct sharp @ 75°Ca										
194.0	195.7	- mafic dyke - prev desc 187.5-187.7 - lct sharp @ 80°Ca										
195.7	197.8	LST - grey banding w/very fol'd @ 70°Ca - lct sharp @ 70°Ca										
197.8	202	LST - white m.g. silicate int. msh to w/very fol'd @ 70°Ca - 25% cb silicates < 5mm - lct sharp @ 70°Ca										



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Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
202.0	202.5	SECCA - WHITE FIG. EXT. SILT - LIKELY FLUID @ 70°C - 5-10% HARD SOIL AS FG. FIF @ 70°C - FRACTS 0.1 - 3.0 cm THICK - LET SHARP @ 70°C		110416	202.0	202.5	0.5		.8	.05	3.78	
202.5	211.4	LST - PREV DESC 197.8 - 202.0 - LET SHARP @ 60°C - MOD BRISK & BLOCKY										
209.4	211.4	FAULT ZONE - EXT. BLOCKY & BRISK W/ MINOR GORGE										
211.4	212.8	MUCB PHL - PALE GRAY WELL FLD @ 70°C - < 15% CB AS NERVOUS BANDS < 1cm THICK - SLIGHTLY CONTORTED DUE TO MINOR FOLIAING - LET SHARP @ 60°C										
212.8	215.3	LST - WHITE M.G. SUBREV. INT. MSU TO USU W/ W/ FOLD @ 60-70°C - LET SHARP @ 60°C										
215.3	215.5	MUCB PHL - PREV DESC 211.4 - 212.8 - LET SHARP @ 60°C										
215.5	215.6	SECCA - FIG. MSU EXT. SILT WHITE - 5-10% FG. HARD SOIL W/ TR. GYL AS FG. < 2cm - LET SHARP @ 60°C										



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S91-62
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					Au	Ag	D6	Zn	P ₂
				NUMBER	FROM	TO	WIDTH						
216.5	216.5	MUCB PHAL - Prev Desc 215.3-215.5 - IR DESIGN BY XALS < 3mm - LCT SHARP @ 70°C - FOL'D = 70°C		110420	215.8	216.5	0.7		.7	2.01	.01		
215.9	216.4	Ft Gouge < 1cm @ 70°C Ft Gouge - < 1cm @ 70°C											
216.5	217.3	LST - PALE TB LT GRN - W/LY FOL'D @ 70°C - < 10% CB CONSTANT - LCT DCF'D BY 2mm THICK SxH GAL. STR d 3cm THICK SxH STR - LCT SHARP @ 70°C		110421	216.5	216.7	0.2		.6	.31	.15		
217.3	218.6	MUCB PHAL - GREEN WHITE BANDED ROCK w 30-40% CB CONSTANT - FOL'D = 65-70°C - LCT SHARP @ 65°C											
218.6	218.9	LST - LT GRN MOD FOL'D @ 60-70°C - LCT SHARP @ 70°C											
218.9	225.8	Ca MU PHAL - GREEN WHITE BANDED ROCK WELL FOL'D @ 70°C w MTRNG FOL'DING PROD SLIGHTLY CONTACTED FOL'D - ~ 60% CB CONTENT IN BANDS < 5cm - LCT SHARP @ 70°C											



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FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO	WIDTH							
227.0	227.8	- LST - LT GRAY W/LL FOL'DE 60-70°A - LOW CARB. CONTENT < 10% GA AS BANDS of DISSSEM < 2mm - LCT SHARP E 65°CA		110422	226.8	227.8	1.0				2.1	4.01	.02	
227.8	231.6	SILIC CG - WHITE TO GRAY - EXT SILIC, W/LL FOL'DE A 60°CA - DISSSEM SAND/GAL AS FOLLOWS												
227.8	228.2	- 3-5% DISSSEM F.G. RED SPH TR GAL AS F.G. FF < 2cm THICK E 60°CA - LCT SHARP C 60°CA												
228.2	228.8	- TR-10% F.G. HONEY SPH F.F < 1mm												
228.8	229.2	- 1-2% F.G. DISSSEM GAL AS XTALS < 2mm - TR F.G. HONEY SPH F.F. < 1mm												
229.2	229.9	- 1-3% F.G. ORANGE SPH F.F. < 3mm - TR DISSSEM GAL XTALS < 3mm												
229.9	231.0	25-30% F.G. HONEY SPH, 2-3% GAL XTALS AS LWS IN SILIC CG. - LCT SHARP D E 70°CA												
231.0	231.6	- 2-4% F.G. RED SPH F.F. < 5mm TR GAL												



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Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					A ₁	A ₂	A ₃	Z ₀	A ₅
				NUMBER	FROM	TO	WIDTH						
234.4	234.4	SiCa Mn Phyl - pale olive green w white bands - fol'ed is highly cont. due to intense folding - BUT GENERALLY @ 70°CA - 2.35% of sec'n is fg. SiCa bands < 10cm - IR - 2% fg. RAD SPH. etc. etc. - SGT IS HIGHLY SILC & HARD - LCT SHARP @ 70°CA											
234.4	236.3	MnCa Phyl - DEGREE TO GREEN, WELL FOL'D W IRREG CA'S DUE TO EXCESSIVE MINOR FOLDING UPPER SECTION CA'S @ 5-10° SWINGING TO 70°CA @ LCT - < 15% CB CONTENT LCT SHARP @ 70°CA											
237.1	237.1	SilC Ca - WHITE FG. EXT SILC - 5-7% HONEY SPH AS LOK NEAR UPPER d LOWER CONTACTS 236.3 - 236.6 15-20% HONEY SPH w 2.5cm THICK BAND OF HONEY SPH @ LCT - LCT SHARP @ 70°CA											
237.1	237.6	MnCa Phyl - GREEN DISE 234.4 - 236.3 - FOL'D @ 60-70°CA - LCT SHARP @ 65°CA											
237.6	238.9	Chl Qtz Phyl - mp silc well fol'd @ 70°CA - Dk GREEN WHITE BANDS - < 15% AIR BEGS < 2cm - LCT SHARP @ 70°CA											



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FROM	TO	DESCRIPTION	Structure	SAMPLES					A ₁	A ₂	A ₃	Z ₁	A ₅
				NUMBER	FROM	TO	WIDTH						
237	239.4	MUCB PML - FREQ DESC 237.1 - 237.6 - LCT SHARP @ 60°C											
239.4	241.2	LST - CLEAN WHITE M.G. SUBREV TRT - WLLY FOL'D @ 60-70°C - MENDIP <3% GP. FRAGS - LCT SHARP @ 75°C											
241.2	242.1	D ₂ B ₂ - SELE IDL FRAGS (ANGULAR + 3mm) IN GRAPH FIG. BLACK MIX. - 5-7% dissem TO AS FIG. FF. IN MIX - TR DISSEM GAL XTALS <3mm											
242.1	242.4	Sx C ₂ - FIG. EXT SELC WLLY REACT TO HCL WHEN SCRATCHED - 2-2% FIG. HONKY SPH 1-2% FIG. DISSEM GAL XTALS AS F.F. - LCT SHARP @ 70°C											
242.4	242.6	MU PML - PALE OLIVE GREEN WLLY FOL'D @ 60°C - TR SPH d GAL AS FIG. F.F. <3mm - EXT SELC - LCT SHARP @ 70°C											
	242.6	FT Gouge											
242.6	243.6	MUCB PML - FREQ DESC 239.9 - 239.4 - LCT SHARP @ 70°C											



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FROM	TO	DESCRIPTION	Structure	SAMPLES														
				NUMBER	FROM	TO	WIDTH	A ₁	A ₂	Pb	Zn	As						
243.9	243.9	CHL PHYL - DK GREEN WELL FOL'D @ 60°CA - LCT SHARP @ 60°CA																
243.9	244.2	ML PHYL - PALE OLIVE GREEN, WELL FOL'D @ 70°CA - EXT SILC HARD - TR ASPH STRS < 2mm THICK - LCT SHARP @ 70°CA																
244.2	244.3	MASSIVE SULPHIDES - DK GRN - 15-20% F.G. PO - 35-45% M.G. PY < 4mm - 20-25% M.G. ANG. ASPH KTCALS < 2mm - LCT SHARP @ 65°CA																
245.0	245.0	LST - GRAY BANDED LST w/ FOL'D @ 60°CA - 10-15% GRAPHITE - TR SPH (HOLLOW) AS FINE STRS TO FOL'D < 2mm THICK - FIRST 10 CM CONTAIN PY ASPH @ 70° NSEGS w/ MS STR - ~ 10-15% PY - ~ 5% ASPH - < 5% B																
245.0	245.3	SL ML PHYL - PALE OLIVE GREEN, WELL FOL'D @ 65°CA - LCT INDIST DUE TO BROKEN CRYS																



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Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					A.	A	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
246.3	246.2	LEST DS - GRAPH. LST - EXT BLOCKY d BROKEN - M.S. ON SUR AND FRAGS - 110% PU 5% ASPH < 5% Pb SPH - ALL SULPHIDES ON FRAGS OF BROKEN CORE											
246.7	247.8	BLACK LST - BLACK BANDED WALL FOL'D E 60°EA - + 40% GRAPHITE											
246.2	247.0	- 246.2-247.0 Broken d Blocky FAULT ZONE - LCT @ 75°EA											
247.8	248.3	MASSIVE SULPHIDES - < 15% LST FRAGS < 2cm MAX RND. - 20-25% SPH (F.G. ORANGE) - 20-25% F.G. PYRITIC / 5% ASPH - 25-35% M.G. SUR AND PY FRAGS < 3mm - LCT SHARP TO°EA											
248.3	249.6	MORPHL - SETS - PALE OLIVE GREEN, WALL FOL'D E 60-70°EA - EXT SILC - MS STRS < 2cm SCATTERED THROUGHOUT - 5-7% F.G. RGD SPH FIF - 7-12% C.G. PU - 10-12% C.G. ASPH											
249.6	267.7	MORPHL - MS DISC 248.3-249.6 w LESS SULPHIDES 1-2% DISSSEM PY BLKCS LCT = 70°EA											



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Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
253.3	254.2	TS - 3 MS STRS 0.5 1.5 d 1.5cm RESP. @ 65°C/A w 10-15% FG. RES SPH F.F. 10-15% ASPY AS F.G. F.F. < 1% CPY 10-12% PY		110446	253.8	254.2	0.4	1.13	62.4	2.78	1.14	0.12	
		255.2 0.7cm THICK ASPY STR @ 65°C/A											
258.2	259.2	- 2-3% C.G. PY AS F.F.		110447	258.2	259.2	1.0	0.58	5.10	0.12	0.02	0.79	
		261.5 0.7cm THICK GAL STR @ 75°C/A											
265.7	266.2	4 STRS OF M.S < 1cm THICK @ 65°C/A OVERALL 2-3% PY 3-5% SPH 3-5% GAL 2-3% ASPY TR CAL											
267.7	271.3	Qt / MURPHY - 75-80% FG. QTZITE w STRS OF MURPHY < 3cm THICK - WELY FOL'D @ 70°C/A - LCT GRAD ACROSS 25cm - TR PY d ASPY F.F.											
271.3	276.5	Chl PHL - DK GREEN w WELY FOL'D @ 70°C/A ZARRON											

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By: Wes Hanson				Target : YellowJacket Pb, Zn				Hole No. S - 91 -63					
Date Logged: July 31/91				Bearing: 143 deg		Core Size: BDBGM		Total Depth: 317.3					
Drilling Start: July 21/91				Dip Angle: -58deg		Elevation : apprx 867		Location: 10 + 300N, 100 + 68E					
Drill Finish: July 31/91				Comment :				Claim:					
Summary Log with Assays only													
METERS			DESCRIPTION	SAMPLES				ASSAYS					
FROM	TO	Inter.		Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
0.0	25.3	25.3	Casing/overburden										
25.3	39.0	13.7	Mu Phyllite										
39.0	40.3	1.3	Mu Qtz Phyllite										
@	39.6	m	0.8 cm thk Po f.f. @ 50 dCA	110448	39.6	40.3	0.7		g/t	%	%		
40.3	41.5	1.2	Quartzite 1-2 % dis Py	110449	40.3	41.5	1.2	<0.1	0.4	0.02	<.01		
41.5	44.9	3.4	Quartzite/Mu Phyl										
@	44.0	m	Fault (FT) gouge 0.8cm thick										
44.9	53.9	9.0	Chl Phyl										
53.9	54.0	0.1	Fault Gouge										
54.0	55.0	1.0	Diorite dyke										
55.0	67.1	12.1	Chl Phyl										
67.1	71.2	4.1	Mu Phyl/Qtzite	110450	84.1	84.8	0.7		0.1	0.01	0.01		
71.2	84.1	12.9	Mu Phyl	110466	84.8	85.3	0.5		0.4	0.01	0.01		
84.1	99.4	15.3	Felsic-Int Volc Tuff <2% dis Py	110467	85.3	85.7	0.4		3.6	0.08	0.06		
90.5	91.5	1.0	FT Zone -Broken core & Gouge	110468	85.7	86.7	1.0		<0.1	<.01	0.01		
92.0	92.8	0.8	FT Zone -Broken core & Gouge	110469	86.7	88.5	1.8		0.1	0.01	0.02		
96.0	96.9	0.9	2-4 % c.g. Py xtals	110470	88.5	90.9	2.4		<0.1	0.01	0.01		
99.4	119.4	20.0	Chl Phyllite	110471	96.0	96.9	0.9		<0.1	0.01	<.01		Other
@	107.5	m	1.4 cm thk FT (Gouge) @ 50 dCA										
@	107.8	m	1.4 cm thk FT (Gouge) @ 50 dCA										
119.4	122.2	2.8	Quartzite										
122.2	127.0	4.8	Chl Phyllite										
127.0	128.8	1.8	Quartzite										
128.8	158.3	29.5	Chl Phyl/Quartzite										
158.3	162.2	3.9	Chl Phyllite	110472	179.3	180.3	1.0		<0.1	0.01	0.03		
162.2	180.3	18.1	Limestone	110473	180.3	180.7	0.4		4.8	0.31	0.66		
180.3	180.7	0.4	Siliceous Limestone 1-2 % dis Py, tr sph	110474	180.7	181.5	0.8		28.6	1.90	5.24		
180.7	181.5	0.8	Siliceous (sx) Carbonate 12-15% sph 2-3%gal	110475	181.5	182.0	0.5		5.6	0.80	0.66		
181.5	181.8	0.3	Limestone	110476	182.0	182.8	0.8		0.1	0.03	0.05		
181.8	182.0	0.2	Siliceous (sx) Carbonate										

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : YellowJacket Pb, Zn				Hole No.		S - 91 -63			
								Total Depth:		317.3			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
182.0	182.8	0.8	Limestone	110477	182.8	184.1	1.3		12.8	1.36	2.42		
182.8	184.1	1.3	Siliceous (sx) Carbonate 7-10%sph 1-2 %gal	110478	184.1	185.0	0.9	<0.1	0.02	0.04			
184.1	187.3	3.2	Limestone	110479	185.0	186.2	1.2	<0.1	0.01	0.01			
187.3	188.1	0.8	Siliceous (sx) Carbonate 3-5%sph tr gal	110480	186.2	187.3	1.1	<0.1	0.01	0.01			
187.3	189.2	1.9	Sx Mu Phyl	110481	187.3	188.1	0.8	13.4	0.75	1.86			
189.2	190.6	1.4	Limestone	110482	188.1	189.2	1.1	0.1	0.02	0.04			
189.2	192.3	3.1	Mu Cb Phyl - tr Po										
192.3	194.2	1.9	Mu Phyl	110483	206.7	207.1	0.4	15.4	0.79	0.72			
194.2	196.0	1.8	Limestone	110484	207.1	208.0	0.9	<0.1	0.02	0.02			
196.0	206.7	10.7	Mu Cb Phyl - 204.1 .5 cm Ft Gouge	110485	208.0	208.5	0.5	<0.1	0.02	0.07			
206.7	207.1	0.4	Sx Limestone	110486	208.5	208.8	0.3	111.9	1.68	6.86			
207.1	208.5	1.4	Dolomite Breccia (Bx)	110487	208.8	209.2	0.4	1.2	0.09	0.24			
208.5	208.8	0.3	Siliceous (sx) Carbonate 5-7%sph1-2% gal	110488	209.2	210.3	1.1	15.2	0.98	3.36			
208.8	209.2	0.4	Limestone	110489	210.3	211.3	1.0	<0.1	0.04	0.11			
209.2	210.3	1.1	Siliceous (sx) Carbonate 3-4%sph ,0.5-1% gal										
210.3	217.2	6.9	Limestone	110490	224.0	224.9	0.9	87.8	5.56	6.02			
217.2	217.4	0.2	Fault Zone 20cm thk @ 55 dCA	110491	224.9	225.6	0.7	6.3	0.48	1.40			
217.4	224.0	6.6	Limestone	110492	225.6	226.4	0.8	0.5	0.06	0.14			
224.0	225.6	1.6	Siliceous (sx) Carbonate 3-5%sph ,1-3% gal @ 224.0 - 244.9 7-10% honey sph, 5-7 % gal	Intersect 1	224.0	229.9	0.9	14.9	1.01	6.09			
225.6	228.9	3.3	Limestone		226.4	228.9	2.5	n.a.	n.a.	n.a.			
228.9	230.6	1.7	Sx Carbonate 10-12%sph , <1% gal @ 228.9-229.9 25-30% honey sph	110493	228.9	229.9	1.0	8.4	0.58	29.40			
				110494	229.9	230.6	0.7	0.2	0.05	0.57			
230.6	250.2	19.6	Limestone	110495	257.1	258.3	1.2	1	0.02	0.05			
250.2	256.4	6.2	Dolomite Breccia (Bx)	110496	258.3	259.3	1.0	36.7	1.84	5.84			
256.4	257.1	0.7	Limestone	110497	259.3	260.7	1.4	1.2	0.07	0.18			
257.1	260.7	3.6	Mu Cb Phyl -	110498	265.3	266.0	0.7	0.6	0.07	0.21			
260.7	263.2	2.5	Limestone										
263.2	265.3	2.1	Mu Cb Phyl -	110499	266.0	266.6	0.6	53.4	1.68	5.78			
265.3	266.0	0.7	Limestone	110500	266.6	267.5	0.9	35.7	1.72	9.96			
266.0	267.5	1.5	Sx Carbonate 5-7%sph1-2% gal	110501	267.5	267.8	0.3	83.4	3.54	7.18			
267.5	267.8	0.3	Sx Mu Phyl 12-15% sph, 1-2 % gal	110502	267.8	268.2	0.4	3.8	0.19	0.34			
267.8	268.2	0.4	Lst - 1-2 % sph, 25-30% sx & qtz	110503	268.2	268.8	0.6	25.7	0.91	0.53			
268.2	270.1	1.9	Sx Mu Phyl trace sph & gal,										

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By: Wes Hanson				Target : YellowJacket Pb, Zn				Hole No. S - 91 - 63		Total Depth: 317.3			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag g/t	Pb%	Zn%	As	Other
270.1	271.0	0.9	Sx Carbonate 7-10%sph ,3-5% gal, 3% fluorite	110504	268.8	269.8	1.0		2.3	0.09	0.44		
271.0	271.3	0.3	Sx Mu Phyl trace sph & gal,	110505	269.8	270.1	0.3		10.9	0.23	0.03		
271.3	272.3	1.0	Sx Carbonate 7-10%sph ,5-7% gal,	110506	270.1	271.0	0.9		63.1	2.76	5.34		
272.3	274.9	2.6	Sx Mu Cb Phyl <1% sph & 2-3% gal,	110507	271.0	271.2	0.2		3.9	0.20	0.88		
274.9	276.3	1.4	Limestone 1-2 % sph	110508	271.2	272.3	1.1		105.7	5.38	1.74		
276.3	281.2	4.9	Mu Cb Phyl tr-1% sph & tr gal,	110509	272.3	273.3	1.0		11.2	0.79	0.31		
281.2	282.0	0.8	Limestone	110510	273.3	274.3	1.0		0.6	0.03	0.01		
282.0	283.0	1.0	Mu Cb Phyl	110511	274.3	274.9	0.6		<0.1	<.01	0.01		
283.0	285.0	2.0	Limestone	110512	274.9	275.3	0.4		<.1	0.01	0.01		
285.0	285.6	0.6	Sx Cb l tr-1% Py, 1-2 %sph & tr gal,	110513	275.3	276.3	1.0		0.7	0.11	0.07		
285.6	293.3	7.7	Mu Phyl	110514	276.3	276.9	0.6		0.5	0.04	0.02		
293.3	294.1	0.8	Massive Suphides	110515	285.3	285.6	0.3		15.1	3.34	7.46		Au:As
294.1	313.3	19.2	Limestone				Thk	Au g/t	Ag g/t	Pb%	Zn%	As%	Ratio
299.0	299.7	0.7	Massive Suphides										
			2 x 10cm str MS	110516	292.0	292.9	0.9	0.14	1.0	0.13	0.23	0.20	0.70
313.3	317.3	4.0	Chl Phyllite	110517	292.9	293.3	0.4	0.38	0.2	0.02	0.01	1.02	0.37
				110518	293.3	294.1	0.8	9.25	15.3	0.94	2.68	2.68	3.45
E.O.H.	317.3												
				110519	294.1	294.8	0.7	0.32	<0.1	0.03	0.30	0.51	0.63
				110520	294.8	295.6	0.8	0.10	<0.1	0.02	0.12	0.09	1.11
				110521	298.0	299.0	1.0	0.55	1.6	0.06	0.12	0.41	1.34
				110522	299.0	299.7	0.7	2.13	34.6	1.08	3.52	1.87	1.14
				110523	299.7	300.4	0.7	0.74	5.7	0.27	0.48	0.96	0.77
				110524	300.4	301.4	1.0	0.27	1.8	0.12	0.35	0.11	2.45



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by W. Hanson
Date Logged JULY 31/91
Drilling Begun JULY 21/91
Drilling Finished JULY 31/91

Hole Bearing 143°
Collar Dip Angle -50°
Dip Test: Depth _____ Angle _____
Total Depth 317.3m
on Sec 10150.

Hole No. S-91-63
Core Size NQ
Claim Group L14839
Location _____
10300N, 10068E, 867 EGV

FROM	TO	DESCRIPTION	structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
0	25.3	OVERBURDEN											
25.3	39.0	MU PHAL - PALE GRAY BGSND. WELL FOL'D @ 45°CA - MINOR OXID. BOLS ERAS PLANKS NEAR O/B CUT - < 10% BOLL QTY UNS < 5cm - < 5% INTERBEDDED QUARTZ LAKES < 15cm - LCT SHARP @ 45°CA											
39.0	40.3	MU OR PHAL - PALE GRAY - WELL FOL'D @ 45°CA - < 2% DISSCN P ₂ F.F. < 2mm - INC. SILC. - LCT GRAD ACROSS 20cm											
	39.6	0.8cm THICK P ₂ F.F. @ 50°CA		110448	39.6	40.3	0.7		1.40	.02	<.01		
	40.2	1.4cm THICK P ₂ /95% F.F. @ 50°CA ~ 60% ASP											
40.3	41.5	QUARTZ - LIGHT GRAY EXT SELL WELL FOL'D @ 35-40°CA - VERY HARD - 1-2% DISSCN F.G. P ₂ BOLS < 2mm - LCT SHARP @ 40°CA		110449	40.3	41.5	1.2		4.10	2.01	<.01		
41.5	44.9	QUARTZ / MU PHAL - INTERBEDDED, WELL FOL'D @ 45-50°CA - 2 35-40% MU PHAL AS BGSND < 25cm - QUARTZ BOLS < 26cm - LCT SHARP @ 45°CA											
	44.0	FT QUARTZ 0.9cm @ 45°CA											



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 5-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
41	53.9m	Chl. Phyl. - dk green, well fol'd @ 45°CA - < 5% ROLL Qtz UNB < 7cm THICK - TR Pd Pb BLCPS < 4mm SCATTERED THROUGHOUT AND ARE LOCALIZED - LCT SHARP @ 45°					
53.9	54.0	FAULT GOUGE - 10cm THICK @ 45°CA					
54.0	55.0	BIOTITE Dike - M.G. XTALINITY @ 35-45° FSPAC XTALS IRREG TO SUB RND. < 4mm 10-15% BIOTITE LCT SHARP @ 45°					
55.0	67.1	Chl. Phyl. - dk to med green, well fol'd @ 50°CA - < 5% ROLL Qtz UNB < 3cm - TR DISSSEM Pd BLCPS - LCT GRAD ACROSS ZEN					
67.1	71.20	MU Phyl / QzITE - Pale to Lt GREEN, well fol'd @ 50°CA - < 5% ROLL Qtz UNB < 2cm - MTRD < 10cm WIDE BANDS OF QzITE COMPARING < 15% OF SECTION OVERALL - LCT SHARP @ 50°CA					
71.2	84.1	MU Ph - Lt GREEN, well fol'd @ 50°CA - < 5% ROLL Qtz UNB < 2cm THICK - < 10% QzITE IN RECS < 10cm - LCT SHARP @ 50°CA					



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					P ₁	P ₂	P ₃	Zn	As
				NUMBER	FROM	TO	WIDTH						
89.4	91.4	Felsite to Int Volc Tuff - Lt grey to pale green - Well fol'd @ 50°CA - HEAVY GRAINE Tuff - EXT SILIC & HARD - < 10% BULL QTZ UNK W MELT? Ca - < 15cm THICK - < 2% DESSAN C.G. ANS P ₁ XTALS - < 5mm											
90.9	91.5	Ft ZONE - Gouge + Broken Core											
92.0	92.8	Ft ZONE - AS ABOVE											
96.0	96.9	2-4% C.G. P ₁ XTALS											
119.4	119.4	Chl PHYL - DK GREEN, WELL FOL'D @ 50°CA - - < 5% BULL QTZ UNK < 5cm - ISOL. CONTORTED FOL'D DUE TO FSO. FOLDING - SCATTERED DESSAN P ₃ XTALS < 5mm CORE AROUND UNK - LCT @ 50°CA											
107.5	107.5	1.4cm Ft Gouge @ 50°CA											
107.8	107.8	0.6cm Ft Gouge @ 50°CA											
119.4	122.2	Qtzite - LIGHT GREY F.C. WELL FOL'D @ 50°CA - < 5% BULL QTZ UNK - EXT HARD & SILIC - SHARP LCT @ 50°CA											



BEATY GEOLOGICAL LTD.
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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Dh	Zn	As
				NUMBER	FROM	TO	WIDTH					
17	127.0	CHL PHYL - DIC TO MED GREEN, WELL FOLD @ 50°C - TR DISSEM Pb - LCT SHARP @ 50°C										
127.0	128.8	QUARTZITE - PREV DESC 119.4-122.2 (MASSEVE) - LCT SHARP @ 50°C										
128.8	158.3	CHL PHYL / QUARTZITE - INTERBEDDED CHL PHYL AND QUARTZITE - 30% QUARTZITE AS BEDS < 30cm - QUARTZITE IS FG. MSU TO WELY FOLD - 70% CHL PHYL - DIC GREEN, WELL FOLD @ 50-60°C W 15% BULL QZ STRS / 3cm THICK - TR DISSEM Pb - LCT SHARP @ 50°C										
158.3	162.2	CHL PHYL - DK GREEN, WELL FOLD @ 60°C - TR DISSEM Pb - 42% BULL QZ W/ < 3cm - LCT SHARP @ 70°C										
162.2	180.7	LST - MED GRN GRAPHITIC LST - WELL FANDED @ 50-60°C - 10-15% CB CONTACT < 3cm - 10%-15% GP CONTACT AC W/MS DPANCS < 1cm - LCT SHARP @ 60°C										
180.3	180.7	SILICIOUS HARD 1-2% DISSEM Pb XTRLS TO DISSEM SPALL										



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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
18	181.5	- SELC Ca - BLACK, HIGHLY GRANITIC (+40%) EXT SELCD HARD, WKLY REACT. TO HCL - 15-20% Qtz FRAGS d STRCS < 3 cm - 30% GRAIN. BND LST - 12-15% F.G. RED SPH F.F. < 1cm - 2-3% F.G. GAL F.F. - TR - 1% DISSEM Py KTALS - LCT SHARP @ 55°C		110474	180.7	181.5	0.8		28.6	1.90	5.24	
181.5	181.8	LST - PREV DESC 182.2 - 180.7 LCT SHARP @ 55°C										
181.8	182.0	SELCD Ca - PREV DESC 180.7 - 181.5 LCT SHARP @ 55°C										
182.0	182.8	LST - AS DESC 182.2 - 180.7 LCT SHARP @ 55°C										
182.8	184.1	SELCD Ca - PREV DESC 180.7 - 181.5 - 35% GRANITIC - 25% Qtz WNG - 7-10% F.G. RED SPH - 1-2% GAL - TR Py - LCT SHARP @ 60°C										
184.1	187.3	LST - PREV DESC 182.2 - 180.7 LCT SHARP @ 60°C										



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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
188	188.1	Sol CB - WHITE FG MSU EXT HARD SILC - MOD BRKCN - 3-5% DISSEM RGN SOL BEARS < 4mm - TR GAL d PD ESP @ LCT - LCT SHARP @ 50°CA											
188.1	189.2	Sx MV PAUL - LT OLIVE GRAY MOD FOLD @ 50°CA - MOD TO HEAVY SILC - HARD - TR 1% DISSEM TO VIALS < 3mm - SCATTERED TR SP - LCT SHARP @ 45°CA											
189.2	190.6	LST - LIGHT GRAY TO WHITE - W/LY FOLD @ 55°CA - M.G TO FG. - STRACH TLT - LCT SHARP @ 55°CA											
190.6	192.3	M.C. PAUL - LIGHT GREEN/WHITE STRIPED W/LY FOLD @ 60°CA - TR DISSEM TO STRS < 3mm - 25% CA BANDS < 3cm - LCT SHARP @ 60°CA											
192.3	194.2	M. PAUL - LT GRAY GRAY SPOTTED (PHENO'S OF FERR?) < 1mm - NARROW SILICATE SILC SEC'N < 1cm - LCT SHARP @ 60°CA											



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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
196.0	196.0	LST - LT TO MED GRAY BANDED - FOL'D = E ₀ -60°CA - LCT SHARP @ 55°CA - < 10% GRAPHITE										
196.0	206.7	Mu(Cb)PHL - (CRAN) WHITE STRIPED ROCK, WELL FOL'D/ BANDED @ 60°CA - 40% CB BANDS < 3mm UP TO 10cm - LCT SHARP @ 55°CA										
	204.1	0.5cm F GAUGE @ 60°CA										
	205.0	0.5cm F GAUGE @ 60°CA										
206.7	207.1	SILC CB - WHITE F.G. GLASSY EXT SILC d HARD MTR PROD FOL'D @ 60°CA - 1-2% ORANGE SPN (DISSEM) - TR GAL. KTRLS - LCT SHARP @ 60°CA										
207.1	208.0	SxLST - WHITE C.G. SUGARY TXT, WKL'Y FOL'D @ 60°CA - MOD TO WKL'Y SILC - LCT @ 60°CA										
208.0	208.5	DAL Bx - LT GRAY W BLK MTR - FIG. SILC FRAGS OF DLK (ANG < 4cm) IN A FIG. BLK CRNK. MTR - x 30% MTR - MOD SILC d HARD - LCT = 60°CA										



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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES														
				NUMBER	FROM	TO	WIDTH	A ₁	A ₂	P _B	Zn	As						
208.0	208.8	SxG - WHITE F.G. VERY W.KLY FOL'D @ 60°CA - EXT SILL CHARD - MOTTLED TKT - 3-7% FG. ORANGE - RED SAI F.F. - 1-2% F.G. GAL XTALS - LCT = 60°CA																
208.8	209.2	LST Sx - PREV DESC 207.1 - 208.0 - LCT = 60°CA																
209.2	210.3	SxG - WHITE F.G. MOD TO W.KLY FOL'D @ 55-60°CA - MOD REACT TO HCL - 3-4% DISSEM SAI (HONEY & ORANGES) AS F.F. d BLEBS < 3MM - TR-1% DISSEM GAL XTALS < 2MM - LCT = 55° AND SHARP																
210.3	217.2	LST - WHITE TO VERY LIGHT GREY, W.KLY FOL'D @ 60°CA - SUGARY TKT - C.G. - SLIGHTLY SILL - LCT SHARP @ 55°CA																
217.2	217.4	FAULT GOUGE 20 CM THICK @ 55°CA																
217.4	224.0	LST - PREV DESC 210.3 - 217.2																



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-63
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
22	225.6	Sx CB - WHITE, F.G., Sxlc & HARD, MSU, REACTS TO HCL - MOTTLED TXR - 3-5% HONEY SPH, 1-3% GAL AS FF & DISSOL - LCT SHARP @ 55°C											
		224.0 - 224.9 7-10% SPH, 5-7% GAL											
225.6	228.9	LST - PREV DESC 210.3 - 217.2 LCT SHARP @ 55°C											
228.9	230.6	Sx CB - WHITE, F.G. EXT Sxlc, WKLY REACT, MSU - MOTTLED TXR - VERY HARD - 10-12% HONEY SPH - < 1% GAL - LCT SHARP @ 30°C											
		228.9 - 229.9 - 25-30% HONEY SPH											
230.6	250.2	LST - PREV DESC 210.3 - 217.2 LCT SHARP @ 55°C @ 243.8 Sx CB W SPH COAL STR 1.0 CM THICK											
250.2	256.4	Dbl Bx - LG GRAY BRG W BLACK MIX - F.G. MOD. REACT - LARGE + SSM FRAGS OF DDL FN BRG CONCL MIX - 15% MIX - LCT SHARP @ 60°C											



BEATY GEOLOGICAL LTD.
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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
257.1	257.1	LST - PREVIOUS DESC 250.3 - 257.2 LCT SHARP @ 45° CA											
257.1	260.7	MUCB PHYL - DARK OLIVE GREEN, HIGHLY SILC - BANDED @ 55-60° CA - < 10% CB CONTENT AS BANDS < 1cm THICK - SIG LEAD/ZINC MINZ IN LARGE PART OF SECTION 257.1 - 258.3 - BARREN 258.3 - 259.3 - 10-12% FG. RED SPH F.F. 1-3% GAL + FLUORITE 259.3 - 260.7 - TR SPH 9 GAL											
260.7	263.2	LST - WHITE TO GRAY M.G. SLIGHTLY SILC - W/LY FOL'D @ 60° CA - SUGARY TKT - LCT = 60° GRAD ACROSS 25cm											
263.2	265.3	MUCB PHYL - GREEN WHITE STRIPED ROCK - WELL BANDED @ 50-60° CA - 25-30% CB IN BANDS < 2cm - TR DISSEM RED SPH - LCT SHARP @ 65° CA											
265.3	266.0	LST - WHITE G.G. MSU, SUGARY TKT - W/LY SILC - TR SPH - LCT SHARP @ 70° CA											



DIAMOND DRILL RECORD

Property _____

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 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-63
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
267.5	267.5	Sx CB - WHITE F.G., MSU - HIGHLY TO EXT. SILC d HARD - W/LY REACT TO HCL - 7-10% HANGY SPH 1-3% GAL - LCT SHARP @ 60°A		110499	266.0	266.6	0.6		53.4	1.68	5.78	
				110500	266.6	267.5	0.9		35.7	1.72	9.96	
267.5	267.8	Sx MU PHIL - PALE OLIVE GREEN - WELL FOLD @ 60°CA - 12-50% F.G. REA SPH FR. - 1-20% GAL XTALS - EXT HARD @ SILC IN PLACES @ OR NEAR #G. MATR., SOME W DESTAKE - LCT SHARP @ 60°CA - MEANS < 50% CA CONTENT, W/LY REACT.										
268.18	268.2	LST - WHITE MS TO CG, MOD SILC d HARD - 25-30% QZ CONTENT - 1-2% SPH FIF. ASSOCC. W REM FRASS? OF MU PHIL < 1cm THICK - < 2% MU PHIL - LCT SHARP @ 30°CA BUT FOLDED INC IN CA TO 35°										
268.2	270.1	Sx MU (G) PHIL - PALE OLIVE GREEN, WHITE RANDED RX - 10-15% CR AC RANDED < 2cm - TR SPH d GAL AS F.G. FR < 1cm - LCT SHARP @ 60°CA										



BEATY GEOLOGICAL LTD.
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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

				SAMPLES								
FROM	TO	DESCRIPTION	structure	NUMBER	FROM	TO	WIDTH	A ₁	A ₂	A ₃	Z _n	A _s
Z	271.0	SL Cr - BROWN TO WHITE W. DK FOLIN @ 60°C/A - FOL'D DEF'D BY MENZ TREND - 30-40% FULL GR - <10% CR CONT. ? W/LLY REACT. - 15-25% SPH AS F.G. ORANGE F.F. - 3% FLUORETE INC. - 3-5% GAL F.F. - LST SHARP @ 55°C/A		110.506	270.1	271.0	0.9		63.1	2.76	5.34	
271.0	271.25	SxMUCrPML - MEN DECC 268.2 - 270.1										
271.25	272.3	SL Cr - AS DECC 270.1 - 271.0 - 7-10% F.G. ORANGES SP4 F.F. - 5-7% F.G. GAL XTALS - LST SHARP @ 60°C/A										
272.3	274.9	SxMUCrPML - AS DECC 268.2 - 270.1 - LST SHARP @ 45°C/A 272.3 - 273.0 - 2-3% GAL F.F. 1% SPH										
274.9	276.3	LST - C.G. WHITE CLEARLY LST, MOD HARD d SILL - GOOD REACT. - 20% MU Cr PML BDFS - LST SHARP @ 60°C/A - 1-2% SCATTERED SP4 F.F.										



BEATY GEOLOGICAL LTD.
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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
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Location _____

FROM	TO	DESCRIPTION	STRUCTURE	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
271.2	281.2	MUCB PAHL - PALE OLIVE GREEN, w WHITE CB BANDS - FOL'D = 60°CA - TR - 1% SPH AS F.G. F.F. - TR GAL XTALS - SPH d GAL ASSOC w MINOR BEDS OF SICA < 5cm - LCT SHARP @ 60°CA		110514	276.3	276.9	0.6		.5	.04	.02	
281.2	282.0	LST - WHITE CB. SUSPAX TIT - LCT SHARP @ 60°CA										
282.0	283.0	MUCB PAHL - PREV DESC 276.3 - 281.2 - BARRAN - LCT SHARP @ 60°CA										
283.0	285.0	LST - PREV DESC 281.2 - 282.0 LCT SHARP @ 60°CA										
285.0	285.6	SXCB - WHITE TO BLACK F.G. MSU TO WLLY FOL'D @ 60°CA - TR DESSAN PU XTALS - 1-2% F.G. HONEY SPH F.F. - 1% GAL XTALS - LCT SHARP @ 60°CA										
285.6	293.3	MUPHL - PALE OLIVE GREEN, WLLY FOL'D @ 60°CA - MINOR PU d PA d DESSAN XTALS - MINOR SCATTERED SPH, GAL d DESSAN XTALS < 2cm - MOD. HARD d SELL - LCT SHARP @ 55°CA										



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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES														
				NUMBER	FROM	TO	WIDTH	Ag	As	Pb	Zn	As						
293.3	294.1	Massive Sulphides - Grey to black - 20% Bull (D) Fracs elong (1 to 2 in) - 25% LST H.R. - 15-20% Py as m.c. sub rnd xtals - 15-20% Aspy as m.c. and xtals - 10-15% Fe. red sph - 2-3% gal xtals - millim txt - LST sharp @ 60°CA - Sulphides occur as lenses of varying thickness separated by 1/2" of LST. Productive overall incline = 60°CA																
294.1	313.3	LST - Black and med grey graph. LST well and @ 60°CA - Sparingly react to HCl - 15-20% graph. content - 10-15% CR sulphate (calcite) - Tr sph gal, py, aspy & Pd as dist lenses either ind or as massive sulphides commonly associated with the zone. - LST sharp @ 60°CA 294.1 - 294.8 Tr dissemin Py & Aspy xtals 294.4 0.4cm thick str of orange sph																
299.0	299.7	2 10 cm thick lenses of MS sep by 35cm of barren LST - sulphides are milled and prod very f.c. - +50% Py ≤ 20% Aspy xtals ≤ 10% sph																



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Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-63
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
317.3	317.3	CHL PHYL - DK GREEN, WELL FOL'D & SO-60°C/A -TR DESSON P0 - < 5% BULL OR ULS < 3cm THICK - < 5% AZURE BANDS < 5cm THICK					
317.3		EOH					
		SPERRY SWK					
	35.4m	135°	14°				
	71.6m	139°	59°				
	155.5m	145°	10°				
	210.4m	151°	10°				
	251.8m	154°	58°				
	280.4m	157°	58°				
	314.0m	159°	57°				



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DIAMOND DRILL RECORD

Property 146

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 891-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES							
				NUMBER	FROM	TO					
		61.5 - 61.9 Grad'l cut w folia @ 75° CA									
61.9	74.0	SER-CHL PAV - As prev described from 61.1 to 13.1 in folia @ 70° to 80° CA.									
		62.5 - 62.9 Glassy, light brown, 3-4% qtz var < 1.0cm, 1-2% py xtls, w 1% on 1/4.									
		63.9 - 64.9 8-10% white qtz x-cutting folia, h.c. modly c/d to 2-3% diss py.									
		65.2 - 67.4 8-10% light gray qtz var < 1.0cm, h.c. is mod. to strongly c/d, brown in colour, 3 to 5% diss py.									
		73.1 - 74.2 Qtz-rich horse-tail fracturing. Two open fault gauges @ 50° & 80° CA, unmin.									
74.0	77.2	SIL QZ PAV - DK GREEN - VERY WELL FOL'D @ 70-80° CA - MOD HARD & STILL W/ STILL INCL W/ DPTH - LIT SHARP @ 70° CA									
76.5	76.7	MINOR CLM FELLED FT BORNE @ 60° - 80° CA < 5mm									



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
76.7	77.0	QZITE - GREEN, FINE GRAINED - EXT HARDNESS CUT BY BULL ON STR - \angle 3mm @ 30°CA - LIT SHARP @ 70°CA											
77.0	93.9	LST - GRAY - MISC. J WHITE CALC. SURFACES - IRREG CA'S 30-80° - STRONGLY REACTING TO HCL - 10% GP CONTENT - LIT SHARP @ 80°CA											
79.0	80.7	FT ZONE - BROKEN & BLOCKY CORE - HEAVILY FRACT W MINOR GORES ON PIECE - AVG CORE LENGTH < 5cm											
93.9	100.9	QZ MOPHIL - VERY DARK OLIVE GREEN - W/SLY FOLIO @ 90°CA - MOD HARD & SILE - LIT GOOD ACROSS 30cm											
100.7	100.9	FT GORGE & RUBBLE											



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
100.9	110.0	CHL MU PHL - DK TO MED GREEN - WELL FOL'D @ 70-80°CA - < 5% BULL WHITS QTZ LK - MINOR MINOR FT GOUGES < 1cm thick - LCT SHARP @ 75°CA											
103.6	103.8	2 FT GOUGE @ 75°CA 1.7cm THICK											
	104.7	FT GOUGE < 7mm @ 75°CA											
	107.3	FT GOUGE 1.5cm THICK @ 75°CA											
110.0	111.6	QZITE - MKO TO LT WHITES, MSW, F.G. W SUG. TXT - EXT HARD @ 75°CA - LCT SHARP @ 75°CA											
111.6	135.4	CHL MU PHL - DK TO MED GREEN - WELL FOL'D @ 75°CA - SOFT - F.G. - < 10% BULL @ 75°CA - < 5% QTZ - LCT SHARP @ 80°CA											
135.4	141.3	LCT - GRAY BND LCT - M.G. W SUGARY TXT - < 10% DISSSEM GP XTALS - LCT GRAB ACROSS 1m											



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
141.3	146.4	QUARTZITE - LT GRAY EXT F.G. MSU 9 SELL - TR DESSON PY XTALS < 2mm - < 5% BOLL WHITE Qtz VNG < 10cm - 15-20% MU - LCT SHARP @ 80°CA										
146.4	162.0	CHL PHL - DK GREEN F.G. WELL SOL'D @ 70-80°CA - < 10% BOLL Qtz VNG - < 10% LST AS NARROW RECS < 10cm THICK - LCT GRAD ACROSS 40cm										
162.0	169.8	Sx MU PHL - PALE GREEN - MOD SELC @ HTAKLY SELC BANDS - WELL SOL'D @ 80°CA - LCT SHARP @ 80°CA										
169.8	170.4	Sx CLS - WHITE F.G. EXT SELC - GLASSY - TR DESSON SEL FC < 2mm - TR GAL XTALS < 2mm - 15% WHITE BOLL Qtz		110739	169.8	170.4	0.6	0.06	8.1	0.01	0.50	0.40
170.4	171.1	Sx LST - WHITE TO LT GRAY - M.G. GRANULAR TKT - FLGAS - MOD TO HTAKLY SELC - LCT SHARP @ 85°CA										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
171.1	171.9	S.D.B. - F.G. GRAY SILICE DL AS LG. ANG. BRECCIATED BLOCKS - < 10mm ID F.G. SILICE SLUG MIX - 1-60% - BULL WHITE QZ JNG. - 7% SPH / GAL STALE @ 171.4 2.5mm x 7mm - 10% mica (muscovite) ASSOC @ CHL. CNTS W RE SOL - LCT SHARP @ 85° CA	-									
171.9	172.2	S.K.C.B. - WHITE F TO M GRAINED - MSU - EXT. SILICE W GLASSY TRT - 1-2% F.G. SPH d GAL @ OCT AS DISSEM F.F. < 2mm @ 70-85° CA - LCT MKA BY MSU BULL WHITE QZ W		110740	171.9	172.2	0.3	0.03	39.9	0.85	0.97	0.01
171.2	171.3	S.L.S.T. - PALE GRAY TO WHITE - M.G. TO C.G. MOD SILICE d HARD - MOD REACT TO HCL - (LIGN) SUGARY TXT - MSU - LCT SHARP @ 80° CA										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
177.3	177.7	SxCG - WHITE F.G. SELC dmsu - SXT HARD / GLASSY - 5-7% F.G. SPH (RED) F.F. < 5um - TRICK @ 80°CA - TR F.G. GAL XTALS - 1-2% F.G. PY XTALS < 2mm - LCT SHARP P 80°CA	-	116741	177.3	177.7	0.4	0.06	3.0	0.18	5.74	0.01
177.7	178.1	SxCG - PREW DESC 177.3 - 177.7 - TR F.G. SPH dPY AS NARROW - F.F. < 2mm - LCT SHARP P 80°CA		116742	177.7	178.1	0.4	0.07	19.5	0.22	0.62	6.14
178.1	183.2	SxLST - PREW DESC 177.2 - 177.3										
183.2	185.7	SxDLBY - 85% F.G. ANG SELC FRAGS OF DL - IN A F.G. BLACK SK MAT - 15% ROLL @ DRILLING AS ANG FRAGS d TRREG WAS UP TO 10cm - MUSC. DEV ALONG QZ ON CHALK MGN'S - LCT SHARP P 80°CA										
185.7	193.0	SxLST - PREW DESC 178.1 - 183.2 - LCT SHARP P 80°CA										
193.0	194.4	MUCB PAUL - PALE GREEN / WHITE SANDS - < 10% CR AS NARROW BEDS < 1cm THICK - BANDING @ 80°CA - LCT SHARP P 80°CA										



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
194.4	196.3	CHL PHYL - DK GREEN, WELL BANDO @ 80% - EXT SILL GREEN ZONES < 1cm THICK - MOD HARD @ SILL - LET SHARP @ 80%CA	-									
196.3	203.0	MUCR PHYL - PALE GREEN / GRAY BANDO AC - BANDING @ 80%CA - < 10% CR BANDS < 1cm THICK - LET SHARP @ 80%CA										
203.0	204.0	SM PHYL - PALE OLIVE GREEN - WELL FOL'D @ 80%CA - EXT HARD @ SILL - TR FU XTALS < 2mm AS NARROW F.F. (TR ASPH) - LET SHARP @ 80%CA										
204.0	206.9	MUCHL PHYL - MED GREEN, WELL FOL'D @ 80%CA - WKL, COAT FOL'D DUE TO FOLDING - LET SHARP @ 80%CA - TR FG. PO FF.										
206.9	207.2	SM PHYL - PALE OLIVE GREEN, EXT HARD SILL - 1-3% DISSON FG. ASPH & PO FF. CP IN 30% - LET SHARP @ 80%CA										



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
207.2	207.5	- Cap LST - GREEN in BLK. FRACKS - 20% GO CONTENT - LCT SHARP @ 80CA	-									
207.5	216.0	Qz MUPHIL - PALE OLIVE GREEN - WELL FOL'D @ 80CA - MOD SX - LCT @ 80CA										
216.0	216.2	MASSIVE SULPHIDES - 20-cm THICK @ 80CA - EXT FG. MFLGD, W 60% BLACK F.G. ASPY 30% F.G. PY 10% F.G. GRN SPH										
216.2	222.2	Sx MUPHIL - PALE OLIVE GREEN, WELL FOL'D @ 80CA - EXT SILLS & HARD - 45-50% MSU F.G. EXT SILLS GRN BY - 3-5% F.G. PD FF. - <1% PY ASPY AS M.G. FF. < 2cm - PY / SERPENTINE CLOSELY RELATED (DIRECTLY PROP)										
216.2	216.4	- 80% SILL OR OLIVE - 20% PY FF.										
217.7	218.5	- 5-7% F.G. PD 65% PY XTALS										
219.1	219.3	65% ASPY										

110755 ? ?

031 Sheet 9-16 of 10-14



DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

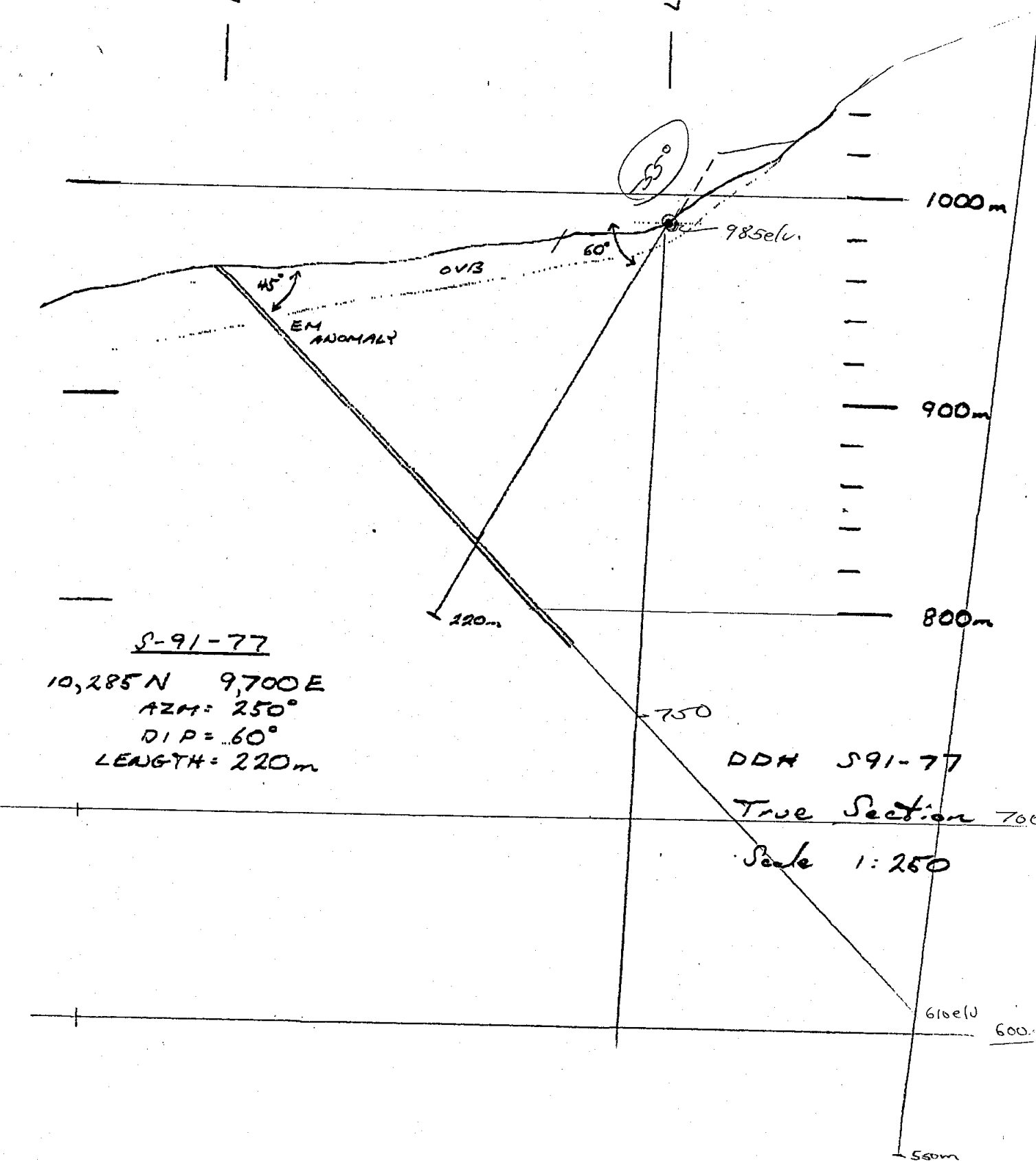
Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-77
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES						
				NUMBER	FROM	TO				
219.3	230.8	Mudfall - FEED DESE 207.5 - 216.0	-							
	EOH	230.8m								
		SPARKY SONS								
		30.5m Bad Test								
		91.4m 209° - 54°								
		161.5m 206° - 52°								
		224.6m 201° - 52°								

L.96E

L.97E



S-91-77

10,285 N 9,700 E
 AZM = 250°
 DIP = 60°
 LENGTH = 220m

DDH S91-77

True Section 700

Scale 1:250

600m

600

550m

Appendix A2

Holes 91-64, 91-65, 91-66, 91-67

**Holes 91-74, 91-75
Sam Group - Crown Grant L-14825**

**Holes 91-68, 91-69
Shannon Group - Crown Grant L-14823**



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DIAMOND DRILL RECORD

Property _____

Logged by W. Hanson
Date Logged Aug 13/91
Drilling Begun Aug 9/91
Drilling Finished Aug 11/91

Hole Bearing ≈ 180°
Collar Dip Angle - 65°
Dip Test: Depth _____ Angle _____
Total Depth 136.6m

Hole No. S-91-64
Core Size B08GM
Claim Group _____
Location N 97+30N, 107+13E, 1350 ELEV

FROM	TO	DESCRIPTION	structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
0.0	3.04	CASING											
3.04	10.05	CHL PINK - DK GREEN (ORANGE) - MOD TO HIGHLY OXIDIZED (PERVASIVE) - HIGHLY FRACT W OXID. LOC. ALONG FRACT SURFACES - FRACTS TO FOL'N @ 80-85° CA & ALSO @ L TO FOL'N @ 0° CA - AVG CORE LENGTH < 5" - 25% BUL QZ JKT W TR DISSEM Py COMMONLY OXID - LIT SHARP @ 80° CA											
10.05	13.8	CHL PINK - PALE GREEN / DK GREEN (ORANGE) - MOD OXID. - FOL'D @ 80° CA - Py OXID TO HEM/LIM - < 5% BUL QZ - AVG CORE LNT = < 5m											
13.8	24.8	CHL PHY - GRAY COLORED, HIGHLY OXIDIZED (PERVASIVE) - BLEACHED & WEATHERED - Py OXID TO CAJETES - EXT. BLEACH of BROKEN CORE - NUMEROUS FT. COUGES - AVG CORE LENGTH ~ < 2cm - LIT SHARP @ 90° CA											
14.1		1cm THICK FT. COUGE @ 90° CA											
14.3		1cm THICK FT. COUGE @ 90° CA											



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-64
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
1	13.0	1.5cm THICK FT GOUGE @ 80°CA											
	13.4	0.5cm THICK FT GOUGE @ 80°CA											
	17.7	0.2cm THICK FT GOUGE @ 45°CA											
	19.6	QTZ FT Bx 2.4cm THICK @ 45°CA											
18.5-	23.5	FT BLOCK d 80000											
	23.1	2.4cm FAULT GOUGE @ 80°CA											
24.8	28.0	FELDER VOLC TUFF / INT VOLC. TUFF - GRAY TO PINKISH GRAY, F.G EXT HARD & SILC - W/CLY OXIDIZED - W/CLY FOL'D @ 80°CA - TR PL WEATHERED TO CAUSTIC - LCT SHARP @ 80°CA - AVG CORE LENGTH 7.5cm											
28.0	29.6	Cal. Tuff - MOD GRAY W/CLY FOL'D @ 80°CA - MOD OXID ALONG FRACTS - LCT SHARP @ 80°CA DEF'D BY 3mm THICK GOUGE - TR PL WEATH. TO CAUS. - AVG CORE LENGTH < 2cm											
	29.0	MENDR FT GOUGE @ 45°CA											
	29.6	" " @ 80°CA											



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-64
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
21	43.8	FELTIC TO INT VOLC. TUFF. - GREY GREEN TO LIGHT GREY, WHITE - EXT. SPEC & HARD - WELY DISC. PHGD'S < 2mm - GREY SECT'S COMMONLY TINKED PINK - F.G. TO APH, MOD FELD @ 80°C - WELY OXID ALONG FRACTS - <10% BULLITE - TR DISSON PU WEATHERED TO CAVITIES - LOT SHARP @ 80°C - AVG CORE LNT, > 10cm										
43.8	44.5	- 5% DISSON PU XTALS, FRESH IN MSV BULLITE UN		110525	43.8	44.5	0.7	<.03	<.1	.01	.02	.01
44.5	44.8	- BLACK PHENO'S < 3mm = 20% OF SECT. - TR DISSON PU XTALS		110526	44.5	44.8	0.3	<.03	.5	.01	.02	.01
48	83.2	CHLPHL - GREEN TO ORANGE... - MOD TO HIGHLY OXID ESP ALONG FRACTS BUT OVSALL PERVIOUS - TR PY - WEATHERED - HIGHLY FRACT / BROKEN & BLOCKY, AVG CORE LNT < 5cm - <10% BULLITE UN										
51.4	54.4	FGOUGE / RUBBLE = 10cm NO CA'S BUT EST 80°C FGOUGE < 5cm @ 80°C										
58.5	58.8	FT ZONE - RUBBLE & GOUGE @ 80°C										
59.7	63.1	FRANGE - 0.5cm @ 80°C FRANGE - 1.5cm @ 80°C										
71.6		FGOUGE - 0.5cm @ 80°C										



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-64
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
7.1		- ROD IN W DEPTH - AVG CORE LNT FOR LAST 10m \geq 10cm					
	79.4	RUBBLE d FT Gouges @ 80 $^{\circ}$ CA					
	80.2	FT Gouge < 0.5m @ 80 $^{\circ}$ CA					
83.2	136.6	Int Volc Tuff - Grey to white - F.G. to Aph. - EXT HARD d SILL - W/LY FOLIA @ 80 $^{\circ}$ CA - MINOR OXID ALONG FRACTS - STR DISSEM FR WEATHERED TO CAUS - LIT SHARP E - AVG CORE LNT $>$ 10cm - OXID CONC ALONG PRD FRACTS.					
101.2	101.4	FT ZONE - RUBBLE d Gouge @ 80 $^{\circ}$ CA HIGHLY OXID					
108.4	109.4	FT ZONE - BLOCKY d BRKN @ 80 $^{\circ}$ CA - MOD OXID					
115.7	117.9	FT ZONE - RUBBLE HIGHLY OXID					
	121.6	FT Gouge - 0.4cm thick @ 15 $^{\circ}$ CA HIGHLY OXID					
	122.1	FT Gouge @ 80 $^{\circ}$ CA HIGHLY OXID					
128.5	129.3	FT Gouge < 0.5m @ 15 $^{\circ}$ CA - HIGHLY BRKN d OXID					
129.3	136.6	MOD OXID d BLOCKY FRACTS @ 80 $^{\circ}$ CA AVG CORE LNT < 5cm					
	136.6	EOH HOLE LOST - STUCK RODS FAILED TO REACH TARGET					

DIAMOND DRILL RECORD

Property JAL

Logged by W. Hanson
Date Logged Aug 19/1991
Drilling Begun Aug 12/91
Drilling Finished Aug 16/91

Hole Bearing 180°
Collar Dip Angle -75°
Dip Test: Depth _____ Angle _____
Total Depth 326.1

Hole No. S-91-65
Core Size BDRGM
Claim Group _____
Location _____

297+30N 107+13E 1350E

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
	1.5	CASING										
5	10.7	CHL PYL ± QZITE - GREEN TO GRN - 25-30% BULL QZ UNG - BRN/RED OXIDIZATION (EXTREME) - ESP. APPROACHING FRACTS & FAULTS - 40% SELF-HARD QZITE IN BEDS - 15cm - FOLN @ 65°CA - TR DISSCM PY OXIDIZED TO CANI - AVG CORE LENGTH < 5cm										
2.0	2.5	EXT BRN, BRN, OXIDIZED - FROM OR DOMINANT FRACTS @ 50-60°CA										
0.7	19.9	CHL PYL - W/ OXIDIZED EXPRESSION OF ARNG										
	11.5	FT GOUGE - CLEAN @ 75°CA < 1cm THICK										
	14.6	FT GOUGE @ 65°CA < 1cm THICK - CLEAN (UNOXIDIZED)										
	15.5	FT GOUGE - 1.5cm THICK @ 65°CA W/ OXIDIZED										
	18.7	FT GOUGE - 0.8cm THICK @ 65°CA										
	18.8	FT GOUGE - 1.0cm THICK @ 65°CA										
19.9	20.1	QZ PYL - BULL WHITE QZ FRACTS (ANG) + 1cm IN SILC NTX - WEATHERED, EXT OXID. MOD BRN - LARGE UGS (CAVITIES IN VN FILLER) HGM. - LET SHARP @ 65°CA		110527	19.9	20.1	0.2	2.03	2.1	2.01	2.01	0.01



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Site Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
23.3		CHL. HILL - FAULT ZONE - - WEATHERED BROWNISH GREEN, HIGH TO EXT OXIDIZAT - EXT RAKN + RAKEN W EXCESSIVE GOUGES - FRACTS + FOLIN E 50-60° CA - AVG CORE LGTH < 2cm					
20.7		FT GOUGES @ 70° CA < 2cm THICK					
21.2	21.8	RUBBLE d GOUGES 65° CA					
22.0	22.2	RUBBLE d GOUGES @ 55° CA					
22.8		1.7cm FT GOUGES @ 65° CA					
23.1	23.3	FT. ZONE RUBBLE d GOUGES @ 60° CA					
23.3	25.0	AS DESC 10.7 - 11.9m LCT SHARP @ 70° CA					
25.0	30.2	FELSPIC VOLC TUFF - F.G. PINKISH GREY, W/CLY FOL'D @ 60-70° CA - HIGHLY FRACT @ 65° CA - W/CLY OXID. - FISS SPANIC ATTENDS < 2mm - EXT SELL d HARA - LCT SHARP @ 105° CA					



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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-65
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
	28.7	FT GOUGE < 1cm @ 70°C/A					
29.2	39.0	CHL PHYL - AS DESC FROM 10.7 - 19.9 - MOD OXID. - HIGHLY FRACT. OXID LOCAL AROUND FRACTS - FOLIO / FRACT @ 65°C/A					
	30.1	2mm FT GOUGE @ 60°C/A					
	30.5	7mm FT GOUGE @ 60°C/A					
	31.6	5mm FT GOUGE @ 30°C/A					
	32.1	5mm OXID FT GOUGE @ 60°C/A					
32.6	32.7	FT GOUGE < 1cm @ 35.9 70°C/A					
	34.2	FT GOUGE < 7cm @ 75°C/A					
35.6	35.8	GOUGE d RUBBLE @ 65°C/A					
37.4	37.7	GOUGE d RUBBLE @ 15°C/A @ 70°C/A					
	39.2	GOUGE < 7mm @ 65°C/A					
	39.4	GOUGE < 7mm @ 70°C/A					
39.0	45.3	FELSPIC Volc TUFF - AS DESC 23.0 - 30.2 m					
	41.1	FT GOUGE < 1cm @ 65° LOT SHARP @ 70°C/A					
45.3	50.3	CHL PHYL AS DESC 30.2 - 39.0					
	46.6	FT GOUGE < 1cm @ 70°C/A					
46.9	47.7	FT ZONE, HIGHLY OXID d BRKN, GOUGE < 2cm @ 47.7 @ 70°C/A					

Logged by _____
 Date Logged _____
 Logging Begun _____
 Logging Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
	52.7	FELSIC VOLC TUFF - FINE DESC 25.0-30.2 - LCT SHARP @ 60° CA										
	53.8	ROCKE d GORGE										
52.7	54.3	Calc. Pinn. - DR TO MEN GREEN, MOD WEATHERED d OXIDIZED - LIKLY SILC d OCC HIGHLY SILC BAND < 2cm - LCT SHARP @ 80° CA - FINE d FRACTS @ 80° CA - BLENDS d MOD TO HEAVY OXIDIZED F.F. < 1cm THICK - TR RY OXID TO CAVITY - AVG CORE LENGTH < 5cm - FRAGILE?										
	53.5	0.4mm FINESS - @ 70° CA										
54.3	57.8	FELSIC VOLC TUFF - GREY TO WHITE W/ PEAKISH TINGS - EXT TO HIGHLY SILC d HARD - 10-15% BILLY OTZ UNG - F.G. TO FPH. DOES DIKABS - LIKLY OXIDIZED - OVER CONCENTR AROUND FRACTS d FLS. - FRACTS @ 70° CA										
54.4	54.5	Roll QZ (k) W/ HEAVY OXID. FF @ 70° CA										
57.4	57.8	Blocky d BRN										



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Logging Begun _____
 Logging Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 5-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
	53.7	Chl. PHL - EXT BLOCKY & BRKN - HIGHLY OXID. - SOFT RUBBLY - LCT INDIST. AVG CORE LENGTH < 2cm											
8.7	66.4	FELSPIC VOLC TUFF - LGRT TO WHITE W PINKISH SECN'S - EXT TO HIGHLY SILC - WIC TO MOD OXID - MOD. COMPACT. AVG CORE LENGTH < 5cm - OXID REPLACES Py IN FRACTS < 2cm @ 70°C - WIC FOL'D @ 70°C - OXID REPLACES Py GLASS < 1cm - LCT SHARP @ 70°C											
66.4	77.4	FIL PHL - GREEN TO GRAY, ORANGE PERLITE OXID. - SOFT TO MOD HARD - TRACES OF Ce AS DIST. BITCHES - OXID. CONCENTR AROUND FRACT - FRACTS & FOL'D @ 70°C BOTH WILL OX - AVG CORE LENGTH < 5cm - MOD TO HIGHLY OXID Py STRS < 0.5cm @ 70°C											
72.2	72.5	Beckind black w gauge @ ?											
74.7	75.9	F GAUGE @ 50°C < 3mm w GAUGE											

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-15
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
	80.0	- FINE VOLE TUFF - MED GRAY WELL FOL'D @ 70°CA - F.G. MOD SILC - MINOR TR. CB PATCHES - VERY W/LY OXID - AVG CORE LENGTH + 10cm - LT SHARP @ 70°CA										
80.0	82.0	CHL PHTL - PRESU DESC 66.4 - T/H - LT SHARP @ 70°CA										
	80.1	0.7cm FT GOUGE @ 60°CA										
82.0	154.8	FINE VOLE TUFF - LT GRAY F.G. EXT SILC - MINOR PHONS IN SECTS UP TO 2mm - W/L TO MOD FOL'D @ 70°CA - MOD OXID CONC. ALONG FRACTS < 1cm @ 70°CA - OXID FORMS A HALO - SHARP CONTACTS @ 70°CA (1 TO FOL'D) - MOD BRKDN - AVG CORE LENGTH < 5cm										
	82.9	OXID FT GOUGE @ 70°CA < 1cm										
	83.1	" " " "										
	83.5	OXID FT GOUGE < 1cm @ 30°CA										
	83.8	" " " " @ 70°CA										
	87.3	" " " " @ 70°CA										
	86.9	" " " " < 5cm @ 10°CA										
88.4	88.5	QZ IN Bc - HIGHLY OXID MIX - TR PU XTALS										
	89.9	OXID FT GOUGE < 1cm @ 70°CA										

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-65
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
90.9	91.1	10 FT GOUGE 1cm THICK @ 70°C					
	91.1	10 FT GOUGE @ 70°C 2.1cm THICK					
91.7	93.5	Blocky BRN RUBBLE w GOUGE					
93.7	97.0	" " " "					
97.5	98.8	BRECCIA ZONE - GOUGE FILLN MIX BRN @ 20°C					
98.8	99.5	Ext. Blocky & BRN RUBBLE, HIGHLY OXID GOUGE					
99.5	103.3	Avg CORE LENGTH + 20cm EXT SILE UNOXID.					
103.3	104.9	3 FT GOUGES @ 70°C < 1cm THICK MOD OXID					
104.9	110.7	FT ZONE - EXT BLOCKY & BRN, w GOUGE, RUBBLE - Avg core length = < 1cm					
110.7	111.2	0.5cm FT GOUGE @ 5°C					
111.2	112.9	Blocky & BRN					
112.9	114.1	Highly TO Ext. Oxid GOUGE @ 70°C					
114.1	118.7	2 FT GOUGES @ 70°C 1.0 & 1.7cm THICK					
118.7	146.6	GOUGE & RUBBLE - FRAGS OF Qtz USE 10cm EXT OXID.					
146.6	147.9	Highly Feat @ 70°C - EXT MOD OXID BRN & BLOCK SOFT, MED GREEN, w FOL'D CHL PHYL w +10% BULL Qtz USE					
147.9	152.6	FT GOUGE 2.2cm THICK @ 70°C					
152.6	152.9	RUBBLE & GOUGE					
152.9	153.2	FT GOUGE 1.8cm THICK @ 70°C					
153.2	156.3	CHL PHYL - MED GREEN, w FOL'D @ 70°C - <10% BULL Qtz USE < 1cm - Lat Silica @ 70°C					
156.3	155.2	FT GOUGE @ 70°C < 1cm THICK					

DIAMOND DRILL RECORD

Property _____

Logged by _____
Site Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-65
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Al	As	Pb	Zn	Ag
				NUMBER	FROM	TO	WIDTH					
189.3	189.3	Felsite Volc - WHITE TO VERY LT GRAY MSU TO LACUM FOLD @ 70°CA - F.G. TO PARANETIC W) REDDISH BROWN DISCOLOR W) TU PATCHES - MAKE <10% CHL PHYL SECT'S < 30cm - <10% ROLL QTZ UNB - MOD TO EXT SILC - FOLD MORE FROM TU MOD SILC DK GRAY SYTS - MINOR PHYL'S < 2mm - WELL DEV HEARTING BONE TKT. NEAR BOTTOM OF UNIT										
167.4	171.5	0.3cm FT GOUGE @ 15°CA										
171.5	172.1	TOP 7cm MSU IN F.F. @ 70°CA GOES IMMEDIATELY INTO EXT OXIDIZED GORGE W) RK FRAGS - MOD / GOUGE @ 70°CA LCT SHARP @ 70°CA		110528	171.5	172.1	0.6	.56	2.6	.01	4.01	.64
175.5	176.1	HEAVY OXID FRACT? FT GOUGE @ 10°CA < 1cm THICK										
182.9	182.9	0.5cm THICK FT GOUGE @ 70°CA										
189.3	201.7	Massive Volc Tuff - DK GRAY TO BLACK - MOD TO HEAVY SILC - WELL FOLD @ 70°CA - WELL DEV HEARTING BONE TKT - ISOL DIAG'S < 3mm - OXID NEAR FRACTS & FIS - LCT SHARP @ 70°CA										



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Logging Begun _____
 Logging Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
217.9		Chal Pyrite - DK GREEN, WELL FOL'D @ 70°C/A - SOFT - W/CLY FRACT @ 70°C/A - TR OKED ALONG FRACTS & SOME QZ INLS - < 15% MIN QZ < 10cm - LIT GRAD ACROSS 25cm - < 10% FELSP & INT VOL SECTS < 10cm TRACE										
217.9	222.0	Mu Pyrite - PALE GREEN, WELL FOL'D @ 70°C/A - W/CLY DEST. FOL'D QZ TO MINOR FOL'DING - LIT SHARP @ 70°C/A										
222.0	222.9	Quartzite - WHITE F.G. W/CLY FOL'D @ 70°C/A - EXT HARD & BRK - TR DESSIN PY WALS < 2mm - LIT SHARP @ 70°C/A		110529	222.0	222.9	0.9	.03	2.0	.02	.01	.11
222.9	223.1	Massive Sulphides - 40% LST - BRN TO BRNZE - 9cm THICK M.S. BAND @ 70°C/A w 45% Py 20% Sp 10% PSM - MILLED TX		110530	222.9	223.1	0.2	2.59	31.2	.66	2.72	3.02

DIAMOND DRILL RECORD

Property _____

Logged by _____
Site Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-65
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
205.8		LST - LT GRAY W/CLY FOLIA @ 60°-70° CA - MAJOR < 5% GP. AS DISSON FLAKES - SUGARY TWT DUE TO C.G. NATURE - SOME ENRICHED GP. SECTS < 2m THICK - 15% CALCITE SUGARS										
246.8	248.8	GRAPHITE + 25% GP AS BEST BANDS < 1cm THICK										
248.0	248.4	EX D&O FRACTS @ 15° & 70° CA - R TOTALY REPLACED		110531	248.0	248.4	0.4	.05	.1	.01	1.34	.12
260.0	265.5	GRAPHITE + 40% GRAPH RESULTING IN BLACK RND LST - FOLW @ 70° CA										
260.1	260.1	FT GAUGE 70° CA FST OXID < 2cm										
260.1	260.2	GRAPHITE GAUGE + 80° EP.		110532	260.0	260.3	0.3	.08	2.1	2.01	.02	.01
265.5		FLAKE 1.7cm THICK @ 70° CA										
282.1	285.6	INCREASINGLY BLOCKY (BRGN) CORE (C) - 283.9m - 284.9m RUBBLE & LOST CORE C 284.7 FT GAUGE 3mm THICK @ 0° CA LCT SWARP @ 60° CA		110533	284.8	285.6	0.8	2.03	2.1	2.01	2.01	.01

DIAMOND DRILL RECORD

Property _____

Logged by _____
Site Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 29165
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Ab	Zn	As
				NUMBER	FROM	TO	WIDTH					
286.2	286.2	MUO PHYL - SILC - PALE GREEN TO ORANGE - MOD TO HEAVILY SILC MU PHYL FOLD @ 70°C - 15-20% HEAVILY OXID SULPHIDE STRS < 5mm THICK - PROB HEAVILY OXID TO CAVITY SURFACE - 5-10% MOD OXID (RECOGNIZABLE) PY - 5-10% C.G. TO F.G ASPY XTALS < 6mm - 20% WKLY SILC LST FRAGS AS A 7cm WEDGE - 7cm THICK BLOCKY HEAVILY OXID - LST SHAR @ 70°C - X CUTTING HEAV OXID 3mm FRACT @ 0-5°C		110534	286.6	286.2	0.6	.03	2.3	.07	.04	.61
286.6	286.6	MASSIVE SULPHIDES 35-45% SILC MU PHYL 25-30% MSU C.G. & F.G. ASPY XTALS < 4mm SUB RIND FRESH FF 5-7% DISSEM Pb BLERS, FF FRESH (BRNZE COLOR) TR CA 3-7% DISSEM PY BLERS AS FF < 3mm ROUGHLY FOLD @ 60-70°C W X CUTTING OXID FRACT @ 30°C		110535	286.2	286.6	0.4	.86	3.2	.01	<.01	7.14
286.6	287.5	MU PHYL - SILC - SMS - 75% OLIVE GREEN SILC MU PHYL - WALL FOLD @ 60°C - 10-12% C.G. LONG ASPY XTALS AS FF < 5mm FRACT FILL @ 60°C		110536	286.6	287.5	0.9	.11	.4	<.01	<.01	.43



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
		10-12% F.G. BROKE PO AS F.F. < 5mm - 25% PY XTALS < 5mm AS F.F.										
286.8		OXID F.F. / FT GOUGE < 8mm @ 60°C OXID F.F. / FT GOUGE @ 15°C < 2mm										
287.0	287.5	Blocky d BRYN										
287.5	287.9	MU PHYL - SILC - DMS F.F. - 60% MU PHYL WELL FOLD @ 60°C, EXT TO HIGHLY SILC. (OLIVE GREEN) - 4% F.F. DS @ 60°C - FRACTS < 5mm w C.G. DMG. ASPY d PO F.F. (SEPTOBS.) AS XTALS d BLAGS ELONG // TO SILC F.F. @ 60°C		110537	287.5	287.9	0.4	.04	2.1	.02	.02	.18
287.6		- MINOR MISCED FLT. @ 05°C DEEP F.F. 2.8 CM - TANGENTIAL FEAT REL TO FT GOUGE										
287.65		@ 60°C < 1.4cm THICK. BLACKENED W/ KY. OXID GRAPHITE F.F. GOUGE d WELL RND QTZ RICH FRAGS < 4mm										
287.9	292.3	MU PHYL - SILC - TALS F.F. - 75-80% MU PHYL - PALE OLIVE GREEN, MAD TO HIGHLY - SILC. WELL FOLD @ 60°C w // SET OF F.F. MS STRS < 7mm @ 60°C. - 5-7% F.G. PO AS BLAGS ELONG // TO FRACT < 3mm - 5-7% ASPY M.G. SUB RND XTALS < 4mm		110538	287.9	288.8	0.9	2.03	.4	2.01	2.01	2.01
				110539	288.8	289.6	0.8	.05	2.1	2.01	2.01	2.01
				110540	289.6	290.5	0.9	2.03	2.1	2.01	2.01	2.0
				110541	290.5	291.5	1.0	2.03	2.1	2.01	2.01	.02
				110542	291.5	292.3	0.8	2.03	.1	2.01	2.01	.16



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 5-91-65
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	As	Zn	Pb
				NUMBER	FROM	TO	WIDTH					
292.8	292.8	Mu Amp - SFLC - TS F.F. - DRILL DEFL 281.9 - 292.3 w/ 3-7mm MOD OXID FRACT / FRESH @ 0-5° CA - Pt + Pb + Po AS XTALS IN HEAVY OXID MTX. - LCT SHARP @ 60° CA		110543	292.3	292.8	0.5	.19	1.6	.02	2.01	.53
292.8	293.6	M.S. - 25-35% OZ RICH, SFLC, MU AMP DRILL DEFL 293.6 - INC M.S. CONTENT w/ DEPTH - 40-45% C.G. RND TO DND ASPY XTALS AS FF @ 60° CA - CLEAN & FRESH - 15-20% BRNZE F.G. Po FF. - FRACT INC. w/ DEPTH - TR Pt		110544	292.8	293.6	0.8	2.03	3.0	.06	2.01	2.01
294.0	294.0	70-75% BULL DRILL FRAGS w/ F.G. MSW BRONZE Po FF BLOBBS = <10% Pb 3-5% M.G. ASPY BLOBBS < 3mm - LCT SHARP & IRREG @ ≈ 30° CA - PREM FRACT @ 60° CA - SECONDARY FRACT @ 30° CA		110545	293.6	294.0	0.4	2.03	.5	<0.01	<0.01	<0.01
294.0	294.6	Mu Amp - SFLC - TS, HEAVY OXID & FRAGM. - EDGE ≈ 20% AS FF < 2m @ 60° CA - 160µ @ 294.3 @ 60° CA < 1.7cm - 500µ COARSE RUBBLE - BRNZE - LCT BRN.		110546	294.0	294.6	0.6	2.03	.1	<0.01	<0.01	<0.01

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S91-65
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
302.4		MJ QZ PHYL - LT TO MED GRN, WELL FOL'D @ 60°PA - 5-10% BULL RTZ UNK < 2cm e 60°PA		110547	294.6	295.6	1.0	2.03	2.1	2.01	2.01	2.01
		- TR SCATTERED Pd ASPM UNKLS < 2mm - LCT SHARP @ 60°PA - UNKLY TO MOD SILL - 30% ORITE LAKES < 10cm		110548	301.4	302.4	1.0	2.03	2.1	2.01	2.01	2.01
302.4	303.1	SILC MJ PHYL - HIGHLY SILC, LT GRN - 5-7% Pb 2 ACMG EF W SILL 5-7% ASPM - LCT SHARP @ 60°PA		110549	302.4	303.1	0.7	2.03	.4	2.01	2.01	2.01
303.1	306.2	MJ QZ PHYL - PREV DESC 294.6-302.4 - LCT SHARP @ 70°PA		110550	303.1	304.1	1.0	.22	1.1	2.01	2.01	2.01
325.2		CHL GR PHYL - BLK TO DL GRN - WELL FOL'D @ 70°PA - 15% NARROW < 15cm THICK BULL QZ UNK @ 60-70°PA										
311.9		- FT GAUGE @ 40°PA										
312.2		- 0.6cm FT GAUGE @ 30°PA - LCT SHARP @ 70°PA										
325.2	326.1	QZITE - WHITE MED FG. - EXT SILC - WELL FOL'D @ 70°PA										
326.1		SOH										
		SPERRY SINS 61.0m 199° -70° 198.1m 201° -67° 122.0m 199° -70° 313.9m 267° -62°										



DIAMOND DRILL RECORD

Property _____

Logged by W. HANSON
 Date Logged AUG 23/91
 Drilling Begun AUGUST 17/91
 Drilling Finished AUGUST 22/91

Hole Bearing 180°
 Collar Dip Angle -90°
 Dip Test: Depth _____ Angle _____
 Total Depth 359.1m

Hole No. S-91-66
 Core Size BDRGM
 Claim Group _____
 Location 97+30N, 107+13E, 1350 ELEV

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
	2.1	CASTING										
1.7	4.3	QUARTZITE - NEELY LT GREEN TO WHITE - F.G. TO APHAN. - WELL FOL'D @ 65°CA - MOD OXID NEAR FRACTS @ 65°CA - MOD BLOCCY (BRKN) - LOT SHARP @ 65°CA										
3	11.0	CHL PHYL - DK GREEN, WELL FOL'D @ 50-60°CA - 10-15% BULL WHITE OR ULS OXID ALONG FRACTS (WEATHER) QZ - MOD TO HIGHLY OXID FRACTS GEN. < 5mm @ 65°CA - TR DISSOLN P. VIALS MOSTLY WEATHER OUT FORMING CAVITIES - LOT GRAB ACROSS 25cm										
1.0	24.1	CHL PHYL - DK GREEN WELL FOL'D @ 50-60°CA - < 5% BULL QZ ULS - MINOR OXID CAVE NEAR FT GOUGE & FRACTS - LOT SHARP @ 60°CA										
13.7	13.9	FT ZONE - BULL QZ (W) HIGHLY OXID FRACTS & BLOCS < 1cm - 15-20% OXID FRAC - FT GOUGE @ 13.9 m @ 75°CA										
	16.9	FT GOUGE 1.5cm THICK @ 60°CA										
17.2	17.3	FT GOUGE 10cm THICK @ 60°CA										



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Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
17.8	17.8	FT GOUGE < 5mm @ 15°CA										
18.9	18.9	FT GOUGE 10cm THICK @ 60°CA										
24.1	24.8	INTERMEDIATE FELSIC VOLC TUFF - CHL PHYL - DK GREEN TO GRAY W/LL FOLD CHL PHYL ≈ 40% 50% LT GRAY TO PINK FELSIC VOLC TUFF. AS ALT. BEDS < 20cm - EXTREMELY BLOCKY & BROKEN GROUND AROUND CORE LENGTH < 2cm - MTD TO EXT OXID ESP NEAR FRACTS & FAULTS - FRACT 11 TO FOLD @ 50°CA - 10% ROLL QZ VLS < 15cm										
26.0	26.4	RUBBLE @ GOUGE - HIGHLY OXID										
29.5	29.8	RUBBLE @ GOUGE - 0.6m LOST CORE, HIGHLY OXID LCT SHARP @ 50°CA										
29.8	30.8	CHL PHYL - PREV DESC 11.0 - 24.1m - LCT SHARP @ 50°CA										
30.8	33.9	FELSIC VOLC TUFF - WHITE TO LT GRAY PINKISH SECTS - EXT SECT & HARD - 20% ROLL WHITE QZ VLS < 20cm - HIGHLY OXID FRACTS - 7-10% PL AS DRESSN BARS < 5mm - 15% BLACK PHEN'S W/IDENT IFTABLE - ORANGE ALT. HALO RELATED TO ORIG ROCK TXT W/ SHARP CRTS - MAY RESP. CHILL MARGEN?		110551	30.8	31.9	1.1	.03	.12	2.01	2.01	2.01



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES							
				NUMBER	FROM	TO	WIDTH				
		- LIT SHARP @ 60°CA									
33.2	33.24	QZ RUBBLE - BLOCKY QZ FRAGS									
33.6	33.9	RUBBLE @ GORGE									
33.9	43.7	CHL. PHYL - DK TO MED GREEN, WELL FOLIO @ 60°CA - < 5% BULK QZ UNF. < 5cm - < 5% WILLY OXID F.F. < 2mm - HIGHLY FRACT @ 60°CA AVG CORE LENGTH < 5cm - LIT SHARP @ 60°CA									
	34.6	FT GOUGE @ 60°CA 1.0 cm THICK									
	36.0	FT GOUGE @ 60°CA 1.7 cm THICK									
		FT GOUGE @ 20°CA 0.2 cm THICK									
42.2	43.7	FRACT @ 5°CA W/ MED BR GOUGE									
43.7	60.5	FELSIC VOLC TUFF - LT GRAY TO WHITE - PINKISH - SHARP ORANGE ANT HARD - F.G. EXT SILC d HARD - EXT BLOCKY d BRN, AVG CORE LENGTH < 2cm - MOD TO HIGHLY OXID FRACTS d FAULTS - FRACCS // to FOLN @ 60°CA									
	44.0	2.4 cm THICK FT GOUGE @ 50°CA									

DIAMOND DRILL RECORD

Property _____

 Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

 Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

 Hole No. S-21-66
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO					
45.6	51.5	EXT BLOCKY & BRKN CORE - HIGHLY OXID 0.6m LC @ 50.6m CASE IN HOLE @ 50.6m									
51.5	51.7	HIGHLY OXIDIZED FRACTS @ 45°CA W PITING DXT DUE TO OXID		110552	51.5	51.7	0.2	.03	2.1	<.01	<.01
53.9	54.1	" " "		110552	53.9	54.1	0.2	<.03	<.1	<.01	<.01
60.5	63.0	ChL PHL - med grey green well fol'd @ 60°CA - TR DISSEM PHS FR. BLGS < 2mm - WK TO MOD OXID OF FRACTS @ 60°CA < 2cm - LCT GRADATIONAL ACROSS 30cm									
63.0	68.5	ChL PHL - AS ABOVE EXCEPT EXT FRACT, BLOCKY & BROKEN FRACTS @ 60°CA & 40°CA									
67.1	67.6	FRACT GOOSE - GREEN CORE FRAGGED CLAY - FRAGS. RND & < 5mm - 0.3m lost core - LCT @ 60°CA									
68.5	69.3	FELSIC VOLC TUFF - LT GRAY TO WHITE W PINKISH TINTS - MSU TO WILLY FOL'D @ 60°CA - WELL DEV ESOPH PHENOS < 3mm - EXT. HARD & SILC									



DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 5-91-66
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
88.3	98.2	Chl. Ark. - med gray green well fol'd @ 60°CA - MODERATELY COMPETENT, W/CLY FRACT - <5% ALL QZ W/ < 10cm W/CLY OXID. - TR CA ASSOC. W/ QZ INCL. - <8% OXIDIZED										
	11.0	Ft ZONE - BROKEN CORE ACROSS 7cm SECTION - W/CLY OXID - TR PL										
79.0	79.3	Ft ZONE - RUBBLE & GOUSSÉ - ROCKY & BROKEN										
	84.2	1.6 mm Ft GOUSSÉ @ 30°CA										
	86.0	3.5 cm Ft GOUSSÉ @ 30°CA										
90.8	90.9	RUBBLE & GOUSSÉ										
95.4	95.7	ROCKY & BROKEN										
98.2	105.2	FELSIC VOLC TUFF - WHITE TO LT GRAY W/ ORANGE TO PEAK TINTS - WELL FOL'D @ 60°CA - WELL DEV FSPAR FRAGS < 3mm - EXT HARD d'CLC - FRED FINE GRAINED - TR AND PL CRALS < 2mm - <5% CHL ARK REGTS W/ DEPTH < 10cm THICK										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S-91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES							
				NUMBER	FROM	TO	WIDTH				
		- SOME SECTIONS - 20cm ARE LIGHT F.G. of GLASSY - IRREG. SURFACE BUT AS NARROW BANDS (OTHER) ARE SPARSE - LIT SHARP @ 60°CA									
85.2	192.1	Chl PHL - INC. CHLORATE CONTENT - W DEPTH - PALE TO DK GREEN - WELL FOLD @ 60°CA - < 10°/6 ROLL @ AS IRREG. FRAGS - CHL PHL FLOWS ROUGHLY TO FOL'N - IT DESSIN P & B - LIT SHARP @ 60°CA									
188.6	188.8	FT ZONE - GOUGE d RUBBLE - W/LY OXID									
190.8	190.0	FT ZONE - GOUGE d RUBBLE - BOTH ENTS SHARP @ 60° - MOD OXID									
190.8	191.5	FT ZONE - GOUGE d RUBBLE - W/LY OXID									
192.1	201.6	FELSIC VOLC TUFF - WHITE TO PALE GREEN - W/LY FOLD TO MASSIVE, FOL'N @ 60°CA - F.G. TO APHANTIC - GLASSY HARD d SLS - SOME BROWN DLT. SHARP ENTS - LIT SHARP @ 60°CA									

DIAMOND DRILL RECORD

Property _____

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Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
201.6	201.8	MASSIVE SULPHIDES - 30% SILIC FELSIC VOLC - WELLY FOL'D @ 60°CA - 30-35% ASPY AS SUB AND XTALS L 3mm - 10-15% Py AS SUB AND BLEBS L 3mm - 20% ASPY AS FC INTO - LCT SHARP @ 60°CA		110554	201.6	201.8	0.2	3.17	.30	<.01	<.01	10.72
201.8	210.0	SILIC VOLC TUFF / QUARTZ? - LIGHT GRAY TO WHITE FG. TO APHANTERIC GLASS & EXT SILIC & HARD - MSH TO WELLY FOL'D @ 60°CA - MAJOR SERICITIC - TR DISSEM Py/ASPY STRS AS F.F. GGG L 1cm THICK - FRACTS @ 60°CA										
206.2	206.7	SEVERAL MB F.F. @ 60°CA < 5mm - PROD SUB AND Py BLEBS		110555	206.2	206.7	0.5	.57	.2	<.01	<.01	.10
208.0	209.6	SEVERAL Py/ASPY STRS OF SUB AND METALLERS < 1cm @ 60°CA		110556	208.0	208.4	0.4	1.08	<.1	<.01	<.01	.02
				110557	208.4	208.6	0.2	2.27	.9	<.01	<.01	3.88
210.0	234.7	FELSIC TO INT VOLC TUFF - GRAY TO WHITE - WELLY FOL'D @ 60°CA - HBRING BONE TXT		110558	208.6	210.0	0.4	.31	<.1	<.01	<.01	.19



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
		- MOD WELL DEV ESPAL PHG BS < 4m - VARIABLE SILICA CONTENT & HARDNESS - LIT SHARP @ 60°CA - ISOL BGS OF CHL PYHL < 1m, WELL FOL'D @ 60°CA										
234.7	233A	CHL PYHL - < 10% MV - MED GREEN, WELL FOL'D @ 60°CA - < 5% BULL OR FF < 1cm - SCATTERED R & Pb VLS < 3mm - LIT SHARP @ 60°CA										
233.9	257.3	SxM PYHL - PALE OLIVE GREEN, WELL FOL'D @ 60°CA IS @ 50°CA - MOD TO HIGHLY SLT - 3-5% DISSEM R BLKS AS F.F < 2mm - THICK TO FOL'D - 5-7% F.G. Pb FF AS ABOVE - LIT SHARP BUT BLOKY		110559	233.9	234.4	0.5	.09	.3	2.01	2.01	.13
234.4	234.8	35-40% MED BULL WHITE ORZ UNS w 5% Pb BLKS		110560	234.4	234.8	0.4	.07	2.1	2.01	2.01	.06
234.8	255.1	8-10% Pb - 8-10% Py AS F.F. UP TO 0.5cm THICK ROT. FROM 60°CA TO 40°CA w FOL'D		110561	234.8	255.1	0.3	.16	3.5	2.01	2.01	.25
255.1	255.4	LST - 85% LST - LT GREY SUB TGT JPPRD & LAYR GNT'S MARKED BY +1.0cm THICK M.S. F.F @ 45°CA - PRGD 2 w F.G. MAX		110562	255.1	255.4	0.3	.72	3.7	.13	.31	.83
255.4	256.4	8-10% Py < 5% Pb AS NARROW F.F. @ 60°CA		110563	255.4	256.4	1.0	.37	11.9	.02	.01	.61
256.4	257.3	3 (+) 2cm F.F. OF M.S. C 50% A ~ 50% Py & ASPY		110564	256.4	257.3	0.9	1.58	17.5	.09	.15	3.2



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DIAMOND DRILL RECORD

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Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-66
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
257.3	257.9	LST - BLACK HIGHLY GRAPHITIC + 25% BANDS @ 60°CA W CONT. FOL'D DUE TO MINOR FOLDING LCT SHARP @ 50°CA											
257.9	275.1	LST - WHITE MG. SUGARY TXT LST - <10% GRAPH AS DISSON FLAKES - LK TO MOD FOL'D @ 60°CA - LCT SHARP @ 60°CA											
275.1	278.6	GRAPH-LST - BLACK BANNED PREJ DESC 257.3-257.7											
278.6	289.3	LST - GRAY - ~10% GRAPH AS FLAKES & NARROW REFS <1cm THICK - SUGARY TXT - LCT SHARP @ 60°CA											
289.3	289.6	GRAPH GOUGE - 80% GRAPHITE LST W CALL UNs - RUBBLE TONE @ 60°CA - LCT SHARP @ 60°CA											
289.6	290.7	GRAPH LST - PREJ DESC 275.1-278.6 - LCT SHARP @ 60°CA											
290.7	293.8	MO CB PHL - GREEN TO GRAY WHITE END - <10% CB BEDS < 10mm THICK - WELL FOL'D @ 60°CA - - TR DISSON PH BEDS < 4mm - TR DISSON F.G. Pz											

DIAMOND DRILL RECORD

Property _____

 Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

 Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

 Hole No. 91-66
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
292.8	296.1	CLL MU PHYLL - LT GRAY WELL FOL'D @ 60°CA - <10% BLY DT VLS < 2cm THICK - LCT SHARP @ 60°CA										
296.1	318.4	INT VOLC TUFF - GRAY TO DK GRAY, W/CLY TOMOD FOL'D @ 60°CA - MENDR FIG. DK GRAY MSU SPTS - W/ DIRT ASPIDITHENS < 3mm - MDG TO EXT SILE W/ HARI OCCURENCE - FJ < 10CM INCREMENTS - LCT SHARP @ 60°CA										
318.4	319.4	FAULT ZONE - OXID GOES & RUBBLE - DCT @ 60°CA - LCT BRONZ - 0.4cm LOST CORE										
319.1	330.1	LST - GRAY M.G. SUGARY TKT LST PROJ DESC 278.6-289.3		110565	329.1	330.1	1.0	.07	<.1	2.01	2.01	.03
330.1	330.4	MASSEY SILATES - 50% EX MU PHYLL - PALE GRAY MSU TO WCLY FOL'D - MS AS FIF @ UPPER & LOWER CNT'S @ 60°CA @ 50°CA RESP. - 25-30% F.G. TO F.F. - 10-15% M.G. F4 BLES RND < 3mm - TR COPY OF ASPH		110566	330.1	330.4	0.3	115	7.6	.03	2.01	.04

DIAMOND DRILL RECORD

Property _____

Logged by _____
 Date Logged _____
 Logging Begun _____
 Logging Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 91-66
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
32.4	349.9	MUCHL. PHL - PALE TO LT GREEN - WELL FOL'D P 60°CA - MINOR < 10% EXT SILC BANDS < 10 CM THICK - < 10% BULL QZ F.F. - TR DRESSING PD										
336.1	336.5	BULL WHITE QZ UN W 3-5% PD DEV. ALONG CONTACTS - 1-2% Ph		110568	336.1	336.5	0.4	.03	<.1	2.01	2.01	.01
349.9	379.1m	QZITE - MED GRN, M.G., WKLY FOL'D P 50-60°CA - 25% SERICITE DEV. ALONG FRACTS - - EXTREMELY HARD & SILC - 5-10% BULL QZ STRS < 2cm - NOT GLASCH - NO ORANGE DISCOLORATION										
359.1		EOH.										
		SPERRY SINS 15.2										
		60.9										
		122.0										
		182.9	211°									
		300.0	209°									
		359.1	209°									



BEATY GEOLOGICAL LTD.

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DIAMOND DRILL RECORD

Property _____

Logged by W. Hankow
 Date Logged Aug 26 / 91
 Drilling Begun Aug 22 / 91
 Drilling Finished Aug 27 / 91

Hole Bearing 190° 000
 Collar Dip Angle -65°
 Dip Test: Depth _____ Angle _____
 Total Depth 291.4m

Hole No. 91-67
 Core Size BDBBM
 Claim Group _____
 Location 97+30 N , 107+13 E , 1356 Elev

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
0.0	2.1	Csg										
2.1	11.8	CHL PHYL - GREENISH GRAY, WELL FOL'D @ 85° CA - FOL'D PROD BY COMP LONGITUD & RLL QZ STES < 2cm @ 85° CA - 1-15% BULK QZ UNG W ORANGE OXID DESCOLORATION ESP. NEAR FRACTS - FRACTS TO FOL'D @ 85° CA - LCT GRAD ACROSS 20cm @ roughly 85° CA										
9.4	10.9	FT Gouge - HIGHLY OXID < 5mm @ 80° CA FT Gouge - 7mm THICK, HIGHLY OXID, 10° CA										
1.8	12.3	FELSPIC TO INT VOLC TUFF - PALE GREENISH GRAY - M.G. XTALLINE - HIGHLY TO EXT SILLS & HARD - GLASSY - WKKLY FOL'D @ 80-90° CA - LCT SHARP @ 85° CA										
12.3	16.9	CHL PHYL - GRAY TO WEATHERED GRAY - WELL FOL'D @ 80-90° CA - PRES. DESC 2.1-11.8 - LCT SHARP @ 85° CA										
14.3	15.2	FAULT ZONE - SEVERAL (+10) 85° CA FT Gouges 2mm - 15mm THICK										



DIAMOND DRILL RECORD

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Hole Bearing _____
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 Total Depth _____

Hole No. 91-67
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
6.9	21.10	FELTIC VOLC TUFF - ORANGE/GREY PATCH - MOD TO HIGHLY SELV GRANULAR IND. SFTS W PATCH PEROXIDE ORANGE OXID HALO RADIATING FROM FRACTURES - BROKEN d BLOCKY BRCCATED FF - LCT GRAD ACROSS 20cm										
17.6	17.9	- HIGHLY OXID d BROKEN FT RUBBLE W 7-10% PY AS OXID XTALS IN A WHITES POWDER MTK POSSIBLY COMPACTED CLAY COBBS VCT SHARP E 80°CA FERRIC, RUBBLE LCT SHARPC 80°CA 0.4m LC. 18.6-21.6		110569	17.6	17.9	0.3	.06	.1	2.01	.01	.01
19.1	19.3	- AS 17.6-17.9		110570	19.1	19.3	0.2	2.03	2.1	2.01	.01	.01
21.0	21.2	- AS 17.6-17.9		110571	21.0	21.2	0.2	.03	2.1	2.01	.01	.01
21.6	23.7	CHL PHL - PALE GREEN, P.G. TO AMPHIBITEC, WELL FOLIS E 80-90°CA - SFT W WELY TO MOD OXID FF E 80°CA - PRD OXID PY F.F. - < 10% OXID FRCT W HALO - LCT SHARP P 85°CA										

Logged by _____
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Drilling Finished _____

Hole Bearing _____
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Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
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Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
27.7	45.8	Felsic Volc Tuff - Pale Green to Lt Grey to Pink - c.g. xtaline pinkish sects to fig. to aphanitic green folio beds - - pinkish sections far d py enriched - oxide of finely sngared py xtals along - fract. - fracturing ext @ 80-90°CA - avg core length < 5cm - brecciated & faulted as follows - ext selcd hard - lct grad across rock - 10% bul Qtz srs & vns										
25.8	25.9	4 Fault gouges 5mm - 15mm thick @ 80°CA										
	26.4	0.7cm thick ft gouge @ 75°CA										
	27.7	Ext blocky & brkn w intense ft gouge 0.2m lost core - green / grey										
27.7	28.0	Ext blocky & brkn pinkish disc.										
28.0	28.5	soft, aphanitic, green & soft - wch folio @ 80°CA 5% highly ox'd ff. < 1cm lct sharp @ 80°CA										
32.5	32.8	65% ft gouge - green clay unox'd @ ~ 80°CA										
31.6	37.2	25% highly ox'd ff. @ 85°CA < 5mm w dist weathered py beds < 5mm		110572	37.0	37.2	0.2	2.03	2.1	.01	2.01	.01
42.5	42.8	Sand seam: K.F. fault gouge ~ 1.3cm @ 05°CA										



DIAMOND DRILL RECORD

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Hole No. 91-67
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 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
45.8	48.4	Chl Mu Phyl - PALE GREENISH GREY FG. TO PPHAN. - WELL FOL'D @ 80-90°CA - < 5% OXID FF. < 2mm										
		(UNOXID)										
46.0	48.0	FT GOUGE - GREEN PASTY CLAY, 3.7cm THICK @ 85°CA 1cm THICK FT GOUGE, UNOXID, 85°CA										
48.4	49.2	Bull Qtz Vn Bk - WHITE W 20 FF & MX - ANG ALL WHITE QTZ FRAGS + 3cm - EXT OXID FF, + 15% IN + 5mm FRAGS - < 5% UNOXID R. K.F. + 5mm		110573	48.4	49.2	0.8	2.03	2.1	.01	2.01	.01
	48.4	- JCT IS MARKED BY A 1.0cm THICK FT GOUGE @ 85°CA - UNOXID, PASTY CLAY GOUGE										
	49.2	7mm FT GOUGE @ 20°CA, UNOXID, PASTY CLAY GOUGE										
49.2	52.3	Chl Mu Phyl - PREO DESC 45.8-48.4 LCT SHARP @ 80°CA										
52.3	52.5	FELTIC VOLC TUFF - - PREO DESC 23.7-45.8										
52.7	54.4	0.5cm THICK SAND SEAM @ 15°CA										



DIAMOND DRILL RECORD

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Hole No. 91-67
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 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES									
				NUMBER	FROM	TO	WIDTH						
26.5	30.9	Chl. Phyl w Interbedded FELSIC VOLC TUFF - 75% CHL PHYL - LT GRAY GREEN W/ W/ WEATHERED 1.1m FOL'D @ 80°CA - HIGHLY FRACT @ 80°CA 10% MSU BULL WHITE OR GR < 2cm - 25% FELSIC VOLC TUFF - LT GRAY, VITRIFIED M.G. MOD TO HIGHLY SILC - W/LLY OXID - LOT GRAD ACROSS 50cm											
38.8	39.4	Ft GOUGE & RUBBLE GOUGE @ 85°CA											
	61.0	Ft GOUGE - MOD OXID @ 80°CA											
68.7	69.6	Ft GOUGE - SAND SEAM < 1cm THICK @ 10°CA - UNOXID.											
	70.4	Ft GOUGE < 1cm @ 80°CA UNOXID.											
74.2	74.75	Ft GOUGE 1.3cm @ 85°CA - UNOXID. 1.6cm @ 85°CA - UNOXID.											
76.6	77.0	Ft ZONE - BROKEN CORE W GOUGE - UNOXID.											
80.9	90.3	FELSIC TO INT VOLC TUFF - GRAY TO LT GRAY - MSU TO VERY W/LLY FOL'D @ 85°CA - HIGHLY FRACT @ 85°CA - DESCENDING FSPAR PHASES < 3mm - EXT TO MOD SILC & HARD											



DIAMOND DRILL RECORD

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 Drilling Finished _____

Hole Bearing _____
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 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 91-67
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
		- ORANGE TINT TO SELTS										
82.7	83.0	Gouge d broken core - POSSIBLE FRACT ZONE										
88.9	94.8	PROD, F.G., XTALINE - PALE GREEN, EXT SELLS - LK HEARINGBONE TINT - EXT SELLS d HARD w OXID F.F. < 2%										
92.3	92.6	LOCALIZED @ 92.3 - 92.6 - 10-12% OXID Py XTALS - CUTS SHARP @ 80°C - CUT SHARP @ 80°C		110574	92.3	92.6	0.3	<.03	<.1	.01	<.01	.01
94.8	95.1	FAULT ZONE < 2cm @ 50°C - SAND/CLAY - (BROWN) PASTE.										
99.8	99.8	Calc GRAPH PHYL - DK GREEN TO BLACK, WELL FOL'D @ 80°C - MOD HARD d SELLS - CUT SHARP @ 85°C										
99.8	141.0	FELSIC UBL to INT UBL Tuff - MSU TO WELY FOL'D 80-90°C - HIGH TO EXT. SELLS + HARD - LIGHT GREEN TO GRN GREEN w ORANGE PATCHWORK DUE TO OXIDIZATION										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

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Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES					A ₁	A ₂	A ₃	Z ₁	A ₄
				NUMBER	FROM	TO	WIDTH						
		- LCT SHARP @ 85°CA											
110.2	111.8	FRACT & FAULT ZONE - EXT BLOCKY & BROKEN w/ MINOR GOUGE - MOD OXID.											
	114.1	BROKEN CORE & GOUGE											
130.0	134.4	INT OXID STAIN AS PATCHWORK - MIN F.G. EXT SIDE & XTALLINE - HIGHLY FRACT @ 80°CA @ 10°CA - TR OXID Py ISLEBS < 4mm											
135.7	135.9	FT GOUGE & BROKEN CORE											
	141.0	FT GOUGE @ 85°CA < 2cm THICK											
141.0	157.3	ILL GRAPH APPL w INT FELSIC VOLC TUFFS - PREV DESC 98.3-99.8 - LCT GRAD. ACROSS 50cm		110575	155.6	156.0	0.4	2.03	<.1	2.01	.01	.02	
155.6	156.0	BULL @R UN BX - BLOCKY & BROKEN - BULL WHITES QD UN. HIGHLY FRACT d OXID - 10% OXID FF. < 3mm - TR Py XTALS											



BEATY GEOLOGICAL LTD.
Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
157.3	164.1	FELSIC VOLC TUFF - PREV DESC 99.8-141.0 - 5-10% OXID FF. @ 80°C - < 2cm - 3.5% WEATHERED BY VITALS < 5m - ROTTEN EXT OXID CORE - LOT GRAD ACROSS 30cm		110576	158.8	160.1	1.3	2.63	.1	2.01	2.01	.07
				110577	160.1	160.8	0.7	.30	.4	2.01	2.01	.56
				110578	160.8	161.9	1.1	.04	.1	.01	.01	.05
				110579	161.9	163.2	1.3	.05	.3	2.01	2.01	.07
				110580	163.2	164.1	0.9	.16	.1	.01	2.01	.22
164.1	172.0	FELSIC VOLC TUFF - PREV DESC 99.8-141.0 - LOT GRAD ACROSS										
174.9	175.1	FIGGINGS ~ 1cm THICK @ 50°C										
175.1	177.1	BROKEN BLOCKS OF WXLX OXID										
183	184.7	F-ZONE - BLOCKS OF BROKEN W GOURD @ 80°C - MOD OXID										
200.3	212.1	CHL PHYL - MED GREEN, WELL FOL'D @ 80°C - < 10% BULK OR VNS < 1cm - FG. TO EPHANDITE - LOT SHARP @ 80°C										
212.1	213.0	SxMn PHYL - PALE GRN W SSPICITE ALONG FRACTS @ 80°C - WELL FOL'D @ 80°C - EXT HARD @ 80°C - LOT @ 80°C		110581	212.1	213.0	0.9	.04	.70	2.01	3.02	.07



BEATY GEOLOGICAL LTD.
Consulting Geological Services

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH						
213.0	213.7	MASSENG SULPHIDES - 45-50% m.g. ANG ASPY XTALS - 35-40% F.G. TO M.G. PY BLERS - EXT OXID & BROKEN @ LCT		110582	213.0	213.7	0.7	17.06	44.60	1.36	0.56	12.50	
213.7	213.8	LST - WHITE - M.G. - XTALLINE - SUBGRY TKT - MOD SILC d HARD - LCT GRAD ACROSS 30cm					1.6m	7.50	19.5	0.60	0.30	5.53	
213.7	213.2	EXT BLOCKY d BROKEN w GOUGE - 0.4m LOST CORE		110583	213.7	214.6	0.9	0.06	2.1	.01	.10	.10	
236.3	239.3	GRAPH LST - GRAY TO BLACK BANDED - WELL FOLD P 80-90RA - 20% GP AS FLAKES d BANDS < 3mm THICK - LCT SHARP @ 85RA											
239.3	251.2	LST - GRAY - M.G. XTALLINE w SUBGRY TKT - < 10% GP AS FLAKES - EXT BLOCKY d BROKEN AVG CORE LENGTH < 1cm											
245.1	246.0	RUBBLE ZONE w MINOR GOUGE CAVE IN HOLE											
246.0	247.2	0.6m LOST CORE											
247.2	248.7	0.6m LOST CORE											

DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO						WIDTH
251.2	268.9	GRAPHITIC LST - BLACK BANDED LST - HIGHLY GRAPHITIC (+20%) - UPPER SECTION HIGHLY BROKEN - WELL FOL'D @ 80°CA - LST SHARP @										
253.5	253.7	1.2 cm THICK FT GAUGE @ 20°CA										
255.6	256.0	0.7 cm THICK FT GAUGE @ 0°CA - SAND FILL										
268.9	271.6	Schistose - Pale Olive Green, mod fol'd @ 80°CA TS - 3-5% Py, 3-5% ASPH AS C.G. F.F. < 0.5 cm THICK @ 80°CA - WILLY OXID - HIGHLY SILIC & HARD - LCT SHARP @ 80°CA		110584	268.9	269.2	0.3	.62	2.40	.09	.01	.82
				110585	269.2	270.2	1.0	.07	1.0	2.01	2.01	.42
				110586	270.2	271.2	1.0	.12	2.1	2.01	2.01	.04
				110587	271.2	271.6	0.4	.10	.3	2.01	2.01	.09
269.2		3.4 cm THICK FT GAUGE @ 80°CA										
271.6	280.7	Mu schist - Pale Green Grey, well fol'd @ 80°CA - MOD OXID, HIGHLY FRACT @ 80°CA - 15-20% BULL OTR UNG < 1cm THICK - LCT SHARP @ 80°CA										
280.7	287.0	Chl Graph schist - DK Green to black - WELL FOL'D @ 80°CA - 10% BULL OTR UNG < 1cm THICK - WILLY CONT. FOL'D DUE TO FOLDING - 10% AZURITE AS SILIC BGS < 5cm THICK - LCT SHARP @ 80°CA										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property _____

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing 190°
Collar Dip Angle -65°
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 91-67
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO						
287.0	291.4	QUARTZITE - LT GREY M.G. GRANULAR - MSU TO WLLY FOLDS @ 80° CA - EXT HARD - 15% BULL QZ UNG < 3cm - ISOL REBS OF PHL < 20cm THICK										
	291.4	EOH										
		SPERRY SUNS										
	15.2m	196° -66°										
	82.3m	199° -64°										
	149.4m	201° -62°										
	241.2m	203° -61°										
	286.9m	206° -59°										

Appendix A2

Holes 91-64, 91-65, 91-66, 91-67

**Holes 91-74, 91-75
Sam Group - Crown Grant L-14825**

**Holes 91-68, 91-69
Shannon Group - Crown Grant L-14823**

Logged by S. Frostad
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing 180°
Collar Dip Angle -65°
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 091-75
Core Size _____
Claim Group _____
Location 2805N 10460E 1250E

FROM	TO	DESCRIPTION	Structure	SAMPLES						
				NUMBER	FROM	TO				
0.0	4.6	CASING / OUIZ								
4.6	7.5	CHL PHV / QTZT - 65 to 70% med greenish grey to grey, mod to strongly folid chl phv interlayered w 30 to 35% light to med grey, f. grid, msv to wshly folid QTZT. Folg @ 75° CA, mod. patchy oxid'n, 21% hull gtz vns (Klen), unmin								
		4.6-5.7 Mod blocky core								
		6.2-7.0 QTZT								
		7.0-7.5 THREE 1.0, 1.5, 2.0 cm fault gouges @ 75° CA, ~50% pasty mat'l, unmin								
		@ 7.5 Sharp cut defined by 2.0cm lg.								
7.5	12.6	QTZT - light grey to dk purple/brown, msv to wshly folid @ 75° CA, glassy & v. hard probably due to mod-strong sil'm, dk purple may represent folic dykes? (med. grid sharp cuts), minor lt grey gtz vns, unmin @ 10.8 4.0cm gtz vn, CA=65°, slightly suggy, unmin								
		@ 11.1 8.0cm gtz vn as above								
		@ 12.6 Sharp cut @ 75° CA.								
12.6	18.2	CHL PHV / QTZT - As prev. desc'd from 4.6-7.5 w 50 to 55% CHL PHV (1.3 to 1.9 m width) interlayered w 40-45% QTZT (1.1 to 1.3 m width)								



BEATY GEOLOGICAL LTD.

Consulting Geological Services

DIAMOND DRILL RECORD

Property VEL

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 591-75
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
		Film @ 75° CA, ~1% bull gta vns, unmin										
		13.6-15.5 Blocky core										
		13.9-15.2 Brown, glassy, mottled appearance, FEL DUKE?										
		17.1-18.2 As above										
18.2	46.6	SER-CHL PHV (ASH TUFF?) - Med grey, fine to med grd, nod to strongly fld @ 65° to 70° CA, H= 3.0 to 3.5, 2-3% fine fld str, locally blocky & oxid'd, 8-10% Qtz bands, 1-2% gta-carb vnc (< 1.0cm), unmin										
		21.3-22.3 Blocky, oxid'd core										
		22.3-23.4 (1.1m) Qtz										
		23.4-26.2 Blocky, oxid'd, minor fault gouge @ 70° CA.										
		@ 30.0 2.0cm fault gouge @ 70° CA										
		32.3-33.2 Blocky, oxid'd										
		@ 35.3 1.0cm fault gouge @ 65° CA										
		35.3-36.1 Blocky, oxid'd										
		38.2-39.0 (0.8m) Qtz										
		40.5-40.7 7.0cm Qtz, vuggy, unmin; loc blocky, oxid'd										
		42.5-42.8 Shear Zone - Shearing @ 70° CA, 1-2% Qtz, fr py										
		@ 46.6 Sharp cut @ 60° CA										

DIAMOND DRILL RECORD

 Property 146

 Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

 Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

 Hole No. S91-75
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
46.6	74.0	CHL PHX / QTZT - As prev. described from 4.6 to 7.5 m 50-55% CHL PHX (avg. 1 to 2 m width) interlayered w 45 to 50% QTZT (avg. 1 to 2 m width). Fol'n @ 60 to 70° CA, unmin. 49.3-52.4 Black, oxid'd, minor gauge mat'l 54.6-57.9 (3.3m) QTZT - brown, nsv, mottled & glassy 65.9-66.2 Bull gtz var, highly fract'd 66.2-72.1 Highly oxid'd @ 74.0 Sharp cut @ 70° CA.					
74.0	88.2	CHL PHX - Med green to greyish green, med to strongly fol'd @ 70° CA, H= 2.5 to 20, 1-3% light gray gtz var & lenses, 1 to 2% QTZT bands, unmin. @ 88.2 Sharp cut @ 75° CA.					
88.2	101.8	CHL PHX / QTZT - 50 to 55% med greyish green, medly fol'd CHL PHX interlayered w 45 to 50% v. light to light grey, nsv to wily fol'd, fine to med gr'd QTZT. PHX bands 0.1 to 3.2 m & QTZT 0.1 to 0.9 m. Major gnt. of QTZT is brown & nsv, may represent felsic dykes or veins. 2 to 3% gtz var, unmin. 88.2-88.7 Gradational increase in sil downhole 99.9-101.8 Light grey QTZT					



DIAMOND DRILL RECORD

Property J+L

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 891-75
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
		@ 101.8 Sharp cut in CHL-SER PHX @ 75° CA		110712	100.8	101.8	1.0	20.03	1.4	0.01	20.01	0.01
101.8	108.2	CHL-SER PHX - Med grey to greyish green, med. to strongly fol'd @ 70° CA, H=2.5 to 3.0, 2-3% light grey QTZT bands, 1-2% bull gta vns & lenses < 1.0cm, to py & po. @ 102.0 7.0cm M.S. band in 50-55% sub-anh py xtlc < 0.5cm, 15 to 20% f. grid, 2 to 4% ex-anh aspy xtlc < 0.2cm, 10-25% gta vns mat'l, h.r. is modly oxid. @ 102.6 1.5cm fault gauge, CA=45°, ~50% racty mat'l, granular		110713	101.8	102.1	0.3	0.55	17.0	0.14	20.01	0.96
		106.5-108.2 Highly blackly & strongly oxid'd @ 108.2 Sharp cut @ 60° CA		110714	102.1	102.7	0.6	20.03	0.4	20.01	20.01	0.02
108.2	124.4	QTZT / CHL-SER PHX - 50 to 55% light to med grey, mod to wibly fol'd, fine grid QTZT inter-layered w 45 to 50% med grey to greenish grey, modly fol'd CHL-SER PHX. QTZT bands 0.6 to 4.2m in width, PHX is 0.6 to 3.2m in width. QTZT appear to have mod. str. 108.8-109.4 sil'd CHL-SER PHX w 10-15% po f.l. 109.4-110.4 20-25% vns mat'l, ~1% po pt. @ 111.8 2.0cm gta vns w 1-2% po @ cuts @ 113.1 Fol'd @ 55° CA 113.1-117.3 (4.2m) QTZT		110715	108.8	109.4	0.6	0.11	7.0	0.10	0.15	1.03
				110716	109.4	110.4	1.0	20.03	0.6	20.01	20.01	20.03
				110717	110.4	111.0	0.6	20.03	0.7	20.01	20.01	20.0

DIAMOND DRILL RECORD

Property J+L

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S91-75
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
		115.7-116.7 Medly silid, pale mauve, 1-2% disc py										
		117.3-118.9 4-5% fine lath xtl										
		119.3-119.7 Bull gte vns, irreg. cont; lath is medly silid w 4-5% cov py fl.		110718	119.3	119.7	0.4	20.03	0.4	20.01	0.01	0.01
		@ 124.4 Gradl cut @ 75° CA										
124.4	128.0	SER Pct - Med grey, medly fld @ 70° CA, H=2.5, 6-7% white gte vns & lenses < 1.0cm, minor oxidn, to po ass'd in gte vns.										
		125.2-125.8 Blacky, oxid'd core @ 128.0 Sharp cut @ 70° CA.		110719	127.3	128.0	0.7	20.03	0.5	20.01	20.01	0.01
128.0	128.3	MASSIVE SULPHIDES / LST - 15 to 20% aspy xtl (< 0.5cm) wa bands 0.5 to 6.0cm in width, 7-8% coarse py xtl, 50-55% LST, 15 to 20% SER Pct. Fld @ 70° CA, gradl lath cut.		110720	128.0	128.3	0.3	2.43	7.5	0.03	20.01	13.92
128.3	154.3	COAL Pct - Med greyish green, medly fld @ 75 to 80° CA, H=2.5, homogeneous, 1-2% light grey gte vns, to po & py		110721	128.3	129.1	0.8	0.03	0.2	20.61	20.01	0.07
		128.3-129.1 Blacky, oxid'd core										
		130.4-130.7 Minor po-assy fl. @ 131.5 1.0cm lath gauge @ 80° CA		110722	130.4	130.7	0.3	20.03	0.5	20.61	20.01	0.35
		139.4-141.1 (1.7m) Qtz - light grey, v. whly fld @ 70° CA, gradl cuts										



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DIAMOND DRILL RECORD

Property 142

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 091-75
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
		@ 152.5 1.0cm fault gouge, CA=80°, unmin										
		@ 152.8 2.0cm " " " " " "										
		153.3-154.3 Shear zone, evid of minor pink felding, minor pashy mat'l, unmin		110723	153.3	154.3	1.0	60.03	0.3	60.01	0.07	0.46
		@ 154.7 Sharp cut @ 50° CA										
154.3	155.6	MASSIVE SULPHIDES										
		154.3-154.8 TWO 9.0, 12.0cm M.S. bands, h.c. is SER PHX in 10-15% asph xtls. Entire interval in 25 to 30% fine to med. gr'd asph, 15 to 20% med. gr'd ppy, 6-7% f. gr'd red sph, 1-2% f. gr'd gal; 35 to 40% SER PHX, 4-5% qtz on mat'l. PHX strongly lhd @ 60° CA.		110724	154.3	154.8	0.5	4.04	328.0	7.02	5.70	12.88
		154.8-155.4 SER-CARR PHX - Pale green, strongly lhd @ 30° to 85° CA, 7 to 8% ppy, 2 to 3% asph as xtls w/ qtz unmin.		110725	154.8	155.6	0.8	2.14	53.8	1.54	4.48	2.08
		@ 155.0 5.0cm pashy fault gouge @ 30° CA			154.3	155.6	1.3m	2.87	159.3	3.65	4.25	6.23
		155.4-155.6 17.0cm M.S. band in 65 to 70% fine to med. gr'd ppy, 7 to 8% f. gr'd asph, 4 to 5% f. gr'd red sph, 2 to 3% f. gr'd gal, 15 to 20% L90 frange. Sharp upper & lower cuts @ 85° CA.										

Logged by _____
 Core Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. 591-75
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
5.6	184.2	LST - Light to med grey, w/ly fld @ 70° CA, 5-10% graphitic bands (<0.5cm), fine to med grid, unmin.		110726	155.6	156.6	1.0	0.28	6.4	0.07	0.10	0.21
		155.6-155.8 Graphitic shear @ 70° CA, to py										
		157.0-159.0 Blocky core										
		182.1-184.2 " "										
		@ 184.2 Sharp cut @ 70° CA										
4.2	187.5	GRAPH - SER - CARB - PHX - Dk grey to black, strongly fld @ 70° CA, $\theta = 2.5$, 10-15% carb laminae <0.3cm, 4-5% light grey gtz vns + lenses, to py along foln. @ 187.5 Sharp cut @ 70° CA										
87.5	206.8	GRAPH - SER PHX / QTZT - 70 to 75° CA dk grey to black, medly fld GRAPH - SER PHX interlayered w/ 25 to 30% med grey, fine grid, w/ly fld QTZT. Foln @ 60° CA. QTZT bands < 1.5 metres. 5-7% white gtz vns. < 1.0cm. To py ass'd w/ gv. @ 204.5 20cm fault gouge, CA= 65° ~ 50% fine oxid'd gouge 205.0-206.8 Gradl cut w/ 20 to 25% med green chlc bands										



DIAMOND DRILL RECORD

Property J+L

Logged by _____
 Date Logged _____
 Drilling Begun _____
 Drilling Finished _____

Hole Bearing _____
 Collar Dip Angle _____
 Dip Test: Depth _____ Angle _____
 Total Depth _____

Hole No. S91-75
 Core Size _____
 Claim Group _____
 Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES								
				NUMBER	FROM	TO	WIDTH					
206.8	209.1	CHL PHX - Med green, mod. bed @ 65° CA, H= 3.0 to 3.5, 10-15% QTZT bands < 10cm, 3-4% white gvs (< 10cm), laminar @ 209.1 Sharp cut @ 70° CA										
209.1	220.4	QTZT - white to light grey, fine gr. mod to shaly bed @ 70° CA 10-15% CHL PHX bands (< 10.0cm), 4-5% white gvs, locally 1% disc frag @ 220.4 EOH										
		SPERRY SONS										
		21.3 Dip Test										
		95.4 193° -65°										
		151.4 189° -59°										
		217.3 200° -57°										



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DIAMOND DRILL RECORD

Property J+L

Logged by S. Frostad
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing 180°
Collar Dip Angle -90°
Dip Test: Depth _____ Angle _____
Total Depth 202.1 m

Hole No. 391-76
Core Size _____
Claim Group _____
Location 9805N 10460E 1250E

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
0.0	4.6	OVB / CASING					
4.6	28.9	QTZT - light grey to dk purple/brown, msv to wby, fol'd @ 65° CA, f. grid, 5-10% inter-layered CHL-SER PHY (<0.5m), patchy oxid'n, 3-4% white gv, fr. py 4.6-14.5 Extremely blocky core, 40 to 50% recryst. @ 23.8 150 cm bull gv, CA = 35°, irreg cuts, unmin 27.7-28.8 Blocky core					
28.9	38.9	CHL PHY - Med greyish green to rusty brown, medly fol'd @ 50° CA, mod. pervasive oxid'n, 2 to 3% gv, core extremely blocky w ~ 50% core recryst, unmin					
38.9	67.4	QTZT - As prev descri'd from 4.6 to 28.9 w wby fol'd @ 50° to 55° CA, patchy oxid'n. 50.0-50.6 Blocky core 54.0-54.2 Light grey gv, irreg cuts, fr. cub py & cuts 60.4-61.1 Bull gv, irreg cuts, ~1% eu-sub py 64.8-65.7 Bull gv, juggy, irreg cuts, minor oxid'n staining, unmin					



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property J+L

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S91-76
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
		66.2-67.4 Mud seams, ground core					
67.4	74.4	SER-CHL PHX / QTZT - 60 to 65% light to med grey, medly bed SER-CHL PHX interlayered w 35 to 40% light grey, w/ly bed, t. grid QTZT. PHX is Qtz-rich in H= 3.0 to 3.5 folia @ 35° to 45° CA, avg width ~ 1.0m. Entire interval is patchy oxid'n, strongest along fracture planes ~ 1% bull gy < 0.2m. Jamia					
		73.0-74.4 Blocky core					
74.4	80.1	QTZT - As prev. described from 4.6 to 28.9 in v. wk folia @ 50° CA, unmin					
		77.9-80.1 Blocky core					
80.1	96.2	QTZT / SER-CHL PHX - As prev. described from 67.4 to 74.4 but w 60 to 65% QTZT interlayered w 35 to 40% SER-CHL PHX Folia @ 50° CA, wk to med patchy oxid'n 5 to 7% light grey Qtz vns < 10.0cm, ass'd med. silin. Tr wispy po					
		80.3-81.0 ~ 1% wispy po					
		94.6-94.8 Pale green, siliceous, tr wispy sph and gal.					
		95.7-96.2 Good cut					

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. 591-76
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES				Au	Ag	Pb	Zn	As
				NUMBER	FROM	TO	WIDTH					
125.3	126.1	Interlayering of QTYZ + PXY w alg. bands ~ 5.0cm										
127.6	128.2	Cave - blocky core, ~ 70% rec'y @ 130.1										
		1.0cm fault gouge, $\alpha = 60^\circ$, $\gamma = 1/2$ 80% clay min.										
130.1	131.9	Light grey, gtz-rich PXY w 1-2% wispy po and sub. py clay fol. planes										
		@ 130.6										
		1.5cm coarse py band @ $70^\circ \alpha$										
130.7	131.0	~1% aspy, fr red wispy sph.		110727	130.7	131.0	0.3	0.21	3.1	0.08	0.64	0.91
		@ 131.4										
		4.0cm po-py band @ $70^\circ \alpha$		110728	131.0	131.5	0.5	0.39	2.4	0.08	0.08	0.96
131.9	133.9	Med greenish-grey PXY										
133.9	134.7	As prev. desc. from 130.1 to 131.9 w po, py & 2-3% aspy.		110729	133.9	134.5	0.6	0.47	1.5	0.07	0.01	1.02
134.7	142.4	Med greyish-green PXY, $\beta = 65^\circ$										
136.9	137.1	Evid. of wk bedding										
142.4	143.9	Light grey, gtz-rich PXY w <1% wispy po & fr py, grad. cut										
143.9		CHL-SER PXY - Med green to greyish-green, nod to strongly bed'd @ 50° to $70^\circ \alpha$, 7 to 8% bull gtz vns & lenses < 0.4 metres aspy w vac where noted below.		110730	146.0	147.0	1.0	20.03	0.6	20.0	0.01	0.02
147.0	147.4	Light grey gtz vns w 15 to 20% fine to med gr'd aspy		110731	147.0	147.4	0.4	1.45	3.4	0.02	20.01	5.7
		alg bands < 3.0cm; vns w irreg. cuts.		110737	147.4	148.4	1.0	0.10	0.2	20.01	6.02	0.0
154.6	155.0	75 to 80% gtz vns mat'l, vuggy, varia										
156.8	158.5	Med grey SER-CARB PXY grad. cut										



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property J+L

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. S91-76
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	Structure	SAMPLES					Au	Ag	Pb	Zn	As	
				NUMBER	FROM	TO	WIDTH							
		163.2-166.5 ~ 50% med grey, f. grad, wkly fld												
		0.2m												
		172.5-173.5 Grad. cut @ 65° CA.												
173.5	175.6	SER - COAL PAY - Med grey, med- strongly fld @ 70° CA 1-2%												
		light grey qtz vug, evid. of kink flding, minor gouge mat'l, ~1% disc py along folia planes		110733	173.5	174.5	1.0	0.05	0.2	<0.01	0.02	0.06		
		174.5-174.8 TWSO 2.0, 2.5cm MASSIVE SULPHIDE bands w 55-60%		110734	174.5	174.8	0.3	6.75	63.9	2.42	10.04	4.03		
		fine to med grad py (<0.2cm), 7-8% f. grad sph, 4-5% med. grad aspx, 25-30% qtz v. mat'l.		110735	174.8	175.6	0.8	0.14	6.0	0.11	0.11	0.01		
		@ 175.6 Sharp cut @ 70° CA												
175.6	176.1	MASSIVE SULPHIDES - 50 to 55% fine to med. grad py		110736	175.6	176.1	0.5	14.28	274.8	5.52	13.60	4.21		
		15 to 20% f. grad aspx, 7-8% f. grad sph, 1-2% f. grad gal, 15 to 20% light grey qtz v. mat'l; 3.0cm oxid. vug		Gougeony	174.5	176.1	1.6m	5.80	100.9	2.23	6.19	2.08		
		sharp low cut @ 65° CA												
176.1	201.9	LSL - Med grey fine to med grad, v. wkly fld, wkly fld @ 70° CA, 4 to 5% graphite partings (avg. ~ 0.1cm)		110737	176.1	177.1	1.0	0.09	0.1	0.04	0.10	0.02		
		201.7-201.9 Fault gouge @ 65° CA 50-55% partly mat'l. v. mat'l.												



BEATY GEOLOGICAL LTD.
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DIAMOND DRILL RECORD

Property 142

Logged by _____
Date Logged _____
Drilling Begun _____
Drilling Finished _____

Hole Bearing _____
Collar Dip Angle _____
Dip Test: Depth _____ Angle _____
Total Depth _____

Hole No. D91-76
Core Size _____
Claim Group _____
Location _____

FROM	TO	DESCRIPTION	structure	SAMPLES			
				NUMBER	FROM	TO	WIDTH
201.9	204.2	GRAPH-SER-CARB PHV - 70 to 75% dk grey to black medly fld @ 70°C.A. H=2.5, 10-15% carb lamins < 0.3mm, 2-3% light grey qtz vns & lenses < 0.5mm to qtz along lamination 203.5-204.2 Cond'l end					
204.2	208.2	GRAPH-SER PHV - Dk grey to black medly fld @ 70°C.A. H=2.5, 4 to 5% light grey qtz vns & lenses < 0.5mm to top @ 208.2 EOH					
		SPERRY SUNS					
		19.2m 182° - 80°					
		80.2m 183° - 84°					
		141.1m 187° - 80°					
		202.1m 189° - 73°					

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : Main Zone Massive Sulphides				Hole No.		S - 91 - 68			
Date Logged:		Aug 30/91		Bearing:		180 deg		Core Size:		BDBGM			
Drilling Start:		Aug 27/91		Dip Angle:		-69deg		Elevation : aprpx		1323			
		Drill Finish:		Aug.30/91		Comment :		Claim:					
METERS				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
0.0	0.6	0.6	Casing/overburden										
0.6	2.4	1.8	Brecciated (Bx) Bull qtz vn bk & white, 60% white bull qtz vn with 40% mafic matrix(mtx) - lower contact (LCT) broken										
2.4	37.2	34.8	Intermediate (Int) Vol Tuff - pale green-gray , pervasive orange patchy discolouration due to oxidation(ox), wkly foliated (fol) @ 60 dCa, indistinct fel'spar pheno's in 75 % of section, <3mm,subrounded: mod-ext sx. & hardness 10% bull qtz vng + 10cm thk, fine grained (f.g.) & glassy look, - LCT sharp @ 60 dCA										
10.0	11.0	1.0	FT Zone - gravel & Gouge, ext oxidized (ox) 10 % qtz frags , trace (tr) Py	110588	14.7	15.6	0.9	<.03	0.1	<.01	<.01	<.01	
14.7	15.6	0.9	Bull qtz vng - ext fract., ox along fract., LCT @80 dCA,, 5-7 % disseminated (dis). Py <3mm										
@	17.7	m	highly contorted fol. due to folding										
35.3	37.2	1.9	Bull qtz vng - white, mod. ox along fract., massive (msv)										
37.2	43.8	6.6	Quartzite(Qtzte)-Felsic Vol Tuff very lgt gray, ext hd & Sx, f.g. to aphantic (aph), wkly fol. @ 80 dCA, spotted by black mould like mineral, tr-3% dis. Py crystals (xtals) <5mm, LCT sharp @ 60 dCA										
@	39.1		1 cm thk Mas. Sulphide stringer, @60 dCA, Py, aspy	110589	39.0	39.3	0.3	0.65	0.5	<.01	<.01	2.04	
43.8	48.3	4.5	Chl Mu Phyllite med green/gray, well fol., @ 60-75 dCA increasing with depth, ext. fract., blocky & broken, tr dis Py blebs < 3mm, LCT sharp @ 70 dCA										
@	46.4	m	< 1 cm thk FT Slip (Gouge) @ 60 dCA										
48.3	55.0	6.7	as above, dk gray-gn, well fol @ 75 dCA, LCT sharp @ 80 dCA										
@	55.0	m	1.7cm thk FT gouge @ 80 dCA, mod ox										
55.0	55.8	0.8	FT Zone -Rubble & Gouge, highly ox, LCT sharp, @ 80 dCA										
55.8	67.1	11.3	Fel. Int Vol - reddish brown, lgt gray to dk gray, well fol. @, 70-80 dCA, ext. hd & sx, some sect's with phenocryts (phenos) < 4mm, tr dis Py, < 10% bull qtz vns LCT gradational across 50 cm, glassy appearance										
67.1	100.6	33.5	Chl Mu Phyllite gray-lgt gray green, well fol. @ 70-80 dCA, < 5 % bull qtz vng < 10 % sx felsic vol beds/bnds 15 cm thk, competent sect's, wkly ox sect's, LCT gradational across 30 cm										

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : Main Zone Massive Sulphides				Hole No.		S - 91 - 68			
								Total Depth:		261.5 m			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
93.2	96.9	3.7	Blocky & Broken, mod ox along fractures, @ 75 dCA										
100.6	148.7	48.1	Felsic-Int Vol tuff Lgt gray reddish brown & gray, f.g., mas, to wklyl fol. @ 70-80 dCA, ext hard & sx, well developed phenos <5mm in upper sectn, locally 3 % as blebs, LCT indistinct, broken core										
109.1	111.6	2.5	Bull Qtz Vn - massive, white, f.g., tr dis Py xtals < 5mm	110590	109.1	110.1	1.0	<.03	0.1	<.01	0.01	0.02	
112.9	114.9	2.0	3-5% dis Py xtals < 3mm	110591	110.1	111.1	1.0	<.03	1.1	0.02	<.01	0.19	
@	143.6	m	2.4 cm Mas Sulp. @ 70 dCA, 40% Py, 30 % aspy, 5% Galena (Gal)	110592	111.1	111.6	0.5	<.03	0.2	<.01	<.01	0.01	
				110593	111.6	112.6	1.0	<.03	<0.1	<.01	<.01	0.01	
148.7	159.4	10.7	Chl Mu Phy med gray/green, well fol. @ 70 dCA, <10 % bull qtz str <5 cm thk, <10 % felsic vol tuff as beds <15 cm thk, LCT sharp @ 60 dCA	110594	112.6	112.9	0.3	<.03	<0.1	<.01	<.01	<.01	
				110595	112.9	113.4	0.5	<.03	<0.1	<.01	<.01	<.01	
159.4	172.0	12.6	Int Volc Tuff lgt gray, mod fol. @ 70 dCA, well develop fspar phenos < 3mm throughout, mod sx & hard, with ext sx bands <20cm, tr dis Py, LCT sharp 70 dCA	110597	113.9	114.9	1.0	<.03	<0.1	0.01	0.01	<.01	
				110598	142.6	143.6	1.0	0.07	0.1	0.01	0.01	0.08	
160.4	160.8	0.4	Ft gouge - Broken core	110599	143.6	143.8	0.2	2.30	5.2	0.34	0.62	2.55	
164.6	164.8	0.2	Ft Zone Gouge - Rubble										
170.1	170.2	0.1	Ft Zone Gouge - Broken core										
172.0	183.1	11.1	Chl Mu Phy lgt gray-gn, well fol. @ 70 dCA, < 10% bull qtz vng <10cm thk, inc. with depth, wk-highly ox. sectn's, with fractures, highly fract. sectn's <20cm thk, LCT sharp @ 70 dCA, bull qtz vn										
172.0	172.6	0.6	ox qtz filled fracture zone										
@	174.8	m	FT Zone < 2cm thk @ 70dCA										
@	176.0	m	FT Zone - ox @ 70dCA, 2.7 cm thk										
@	176.6	m	FT Zone - Rubble <3cm @ 70dCA, minor gouge										
183.1	185.8	2.7	Quartzite lgt gray,m.g. msv, sugary, ext. hard & sx, LCT sharp @ 70 dCA, tr Py xtals 185.6-185.8	110600	185.6	185.8	0.2	0.19	<.1	<.01	0.01	0.11	
				110601	185.8	186.6	0.8	0.20	<.1	<.01	0.06	0.12	
185.8	186.6	0.8	Sx Mu Phyl pale orange due to strong ox, Host Rock frag are olive green, well fol.,70 dCA, <10 % qtz vng , pervasive ox, LCT sharp @ 70 dCA										

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By: Wes Hanson				Target : Main Zone Massive Sulphides				Hole No. S - 91 - 68		Total Depth: 261.5 m			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
186.6	196.3	9.7	Massive Sulphides and Silicified Mu Phyllite										
186.6	186.8	0.2	Mas. Sulp. 55-60 % f.g.-m.g., Py, 35-40% aspy, very f.g., black to bronze colour, milled txt, Py as blebs <3mm subround LCT sharp @ 70 dCA	110602	186.6	186.9	0.3	5.55	68.8	1.86	0.99	6.57	0.84
186.8	187.7	0.9	Silicified(sx) Mu Phyllite pale-olive green, well., fol. @ 70 dCA, 10-15% msv f.f. Py <1 cm @ 70 dCA, aspy, 5% f.g., msv, f.f. <1cm @ 70 dCA, LCT sharp	Intersect.1 110603	186.6 186.9	187.7 187.7	1.1 0.8	3.07 2.14	22.1 4.6	0.60 0.13	0.30 0.04	3.19 1.92	0.96 1.11
187.7	194.7	7.0	Silicified(sx) Mu Phyllite pale-olive green, well., fol. @ 70 dCA, <5%dis. Py, 3% di Po, LCT sharp @ 70 dCA, <10 % bull qtz vns	110604 110605 110606 110607	187.7 188.5 189.5 190.5	188.5 189.5 190.5 191.5	0.8 1.0 1.0 1.0	0.12 <.03 <.03 <.03	0.5 <0.1 <0.1 <0.1	0.13 0.02 0.01 0.01	0.04 0.06 0.01 0.01	0.28 0.01 <.01 0.01	0.43 0.00 0.00 0.00
194.7	194.8	0.1	Mas. Sulp. 50-60 % msv c.g.aspy, + 4 mm angular-subrounded, 20-30% f.g. Py blebs, 5-10% f.g. red sphalerite (sph), LCT sharp @ 70 dCA, milled texture	110608 110609 110610 110611	191.5 192.5 193.5 194.5	192.5 193.5 194.5 194.8	1.0 1.0 1.0 0.3	<.03 <.03 0.23 5.73	<0.1 0.6 1.3 91.3	<.01 0.01 0.02 2.28	0.01 0.04 0.02 2.72	<.01 0.04 0.09 7.39	0.00 0.00 2.56 0.78
194.8	195.7	0.9	Mu Phy Sx Dis Sulp(DS) pale-olive green, mod., well fol. @70 dCA, 10-15%c.g. Py blebs, subrnd, f.f. < 1cm thk, < 5 %bull qtz vng, < 5% f.g. dis aspy	Intersect.2 110612	194.5 194.8	196.3 195.7	1.8 0.9	2.73 1.53	29.0 12.5	1.05 0.33	4.03 0.46	3.78 2.13	0.72 0.72
195.7	196.3	0.6	Mas. Sulp. red bronze colour, 30 % Lst H.R. as below, banded @ 70-80 dCA, @start of interval, 30 5 Mu Phyl frags, well fol. @ 70 dCA with <5 % Mas sulp stringers, 40% Mas. sulp. as two distinct stringers seperated by Mu Phyl, reddish bwn colour, 1st str. 12-13cm thk @70 dCA-35% f.g. aspy, hosting 35-40% m.g. rnded Py blebs < 3mm, 15-20% red sph, <10 % rnd Lst & qtz frags < 5mm 2nd str 11-12 cm thk also @ 70 dCA, 50% c.g. angular, aspy xtals < 5mm, 30% m.g. Py blebs, subrnded, <5mm, 20% f.g. red sph	110613 Intersect.3	195.7 186.6	196.3 196.3	0.6 9.7	3.03 0.89	22.6 8.1	1.08 0.25	10.04 0.84	4.46 1.10	0.68 0.81
196.3	204.1	7.8	Limestone lght grey, black flecks @ bnds <3mm bnding @ 70 dCA, increase graphite with depth, LCT gradational across 40 cm	110614	196.3	197.3	1.0	0.43	<0.1	0.03	0.43	1.00	0.43

EQUINOX RESOURCES LTD.			DIAMOND DRILL RECORD				Property: J & L						
Logged By: Wes Hanson			Target : Main Zone Massive Sulphides				Hole No. S - 91 - 68		Total Depth: 261.5 m				
			SAMPLES				ASSAYS						
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
204.1	206.0	1.9	Chl Graph Phyl dk green to black well fol. 70 dCA, < 10% Lst bnds < 5cm, LCT sharp @ 70 dCA										
206.0	208.2	2.2	Mu Phyl pale greenish gray, well fol @ 70 dCA, mod. sx. sectn's < 10cm, < 5 5 bull qtz vng, wkly ox sectn's , ox radiating from fractures										
		0.0	Lct gradational										
@	207.4	m	FT gouge - ox < 2cm thk @ 65 dCA										
208.2	210.0	1.8	Quartzite lgt gray, f.g., very wkly fol., @ 70 dCA orange distinct sectn's throughout, pervasive with sharp cnts, LCT gradational.	110615	209.0	210.0	1.0	0.06	<0.1	<.01	0.01	0.03	
210.0	220.7	10.7	Mu Phyl tr Sulp (TS) lgt olive green, well fol. @ 70 dCA, mod. sx & hd, <5% Py, Aspy, & Po str <3mm	110616	210.0	210.8	0.8	0.23	1.4	0.03	0.01	0.40	
			LCT gradational over 20cm	110617	210.8	211.4	0.6	0.70	1.5	0.04	0.03	0.51	
220.7	261.5	40.8	Chl Phyllite gray to green, well fol. @ 70 dCA, <15 % bull qtz str <3 cm , parallel to fol., < 5 % quartzite as f.g., msv, gray, minor bands < 20 cm thk, tr dis f.g. Po blebs & str < 3mm										
	261.5		End of Hole										
			Tests-Sperry Sun * indicates degrees										
			Depth	Azimuth	Dip								
			@ 61 m	183 *	- 68 *								
			@122.0 m	189 *	- 65 *								
			@152.4m	191 *	- 64 *								
			@213.4m	191 *	- 60 *								
			@261.6m	191 *	- 58 *								

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L			
Logged By: Wes Hanson		Scott Frostad		Target : Main Zone Massive Sulphides				Hole No. S - 91 -69			
Date Logged: Sept 2/91		Bearing: 180 deg		Core Size: BDBGM		Total Depth: 253.9 m					
Drilling Start: Aug 30/91		Dip Angle: -83deg		Elevation : apprx 1323		Location: 96 + 87N, 109 + 04E					
		Drill Finish: Sept 2/91		Comment :		Claim:					

METERS			DESCRIPTION	SAMPLES				ASSAYS					
FROM	TO	Inter.		Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
0.0	4.6	4.6	Casing/overburden										
4.6	5.3	0.7	Felsic Vol tuff - lt gray, med gr.(m.g.), granular - mod. foliated (fol), @ 60 deg to core axis (d CA) - trace dis. Py blebs, weathered cavities - mod ti ext oxid frags parallel to fol'n - lower contact (LCT) indistict										
@	5.0 m		Fault (FT) gouge < 1cm thick										
5.3	6.3	1.0	Ft gouge & broken core -ext oxid - LCT sharp @ 60 d CA										
6.3	17.8	11.5	Massive Vol Tuff - med to lgt gray , orange patchy discolouration due to oxidation(ox), well foliated @ 60 dCa, med-soft hardness indistinct fel'spar pheno's in 75 % of section, <3mm,subrounded: LCT sharp @ 60 dCA										
17.8	53.0	35.2	Int-Felsic Vol Tuff - patchy orange discolouration pervasive, Py weather to cavities, pitted texture, moderate(mod) to ext ix frags @ 60 dCA, mod broken core,										
@	19.4 m		7 cm thick (thk) FT Gouge @ 60 dCA										
21.1	29.4	8.3	Int-Felsic Vol Tuff - very (vy) light grey to dark green, minor rose colour sect's, fine gr(f.g.) to m.g., well fol, @60 dCA, ext. siliceous (sx), hard (hd) & glassy, <10% bull qtz veining (vng) <5mm, weak (wk) oxidized (ox)										
29.4	32.3	2.9	as above + 20 % bull qtz vn,pervasive ox.					Au g/t	Ag g/t	Pb %	Zn %	As %	Other
32.3	33.5	1.2	Int-Felsic Vol Tuff brown deeply pitted, ext. sx, with 15-20% ox. Py <2mm, LCT@ 60 dCA, sharp	110641	32.7	33.5	0.8	<.03	0.1	<.01	<.01	<.01	<.01
@	33.1 m		1 cm thk FT Slip (Gouge) @ 20 dCA										
37.2	37.5	0.3	FT Zone -Rubble & Gouge - UCT 60 dCA, LCT 20 dCA	110642	41.8	42.8	1.0	<.03	0.1	<.01	<.01	<.01	<.01
42.8	43.1	0.3	- 5-7% disseminated (dis) Py , fresh, angular, <3mm	110643	42.8	43.1	0.3	<.03	0.3	<.01	<.01	<.01	<.01
43.1	46.0	2.9	Bull qtz vng - ext.fract, local ox along fract., 60 dCA, 70 % bull qtz, 25 % host rock (H.R.), 5% fract. filled (f.f.) Py	110644	43.1	43.8	0.7	<.03	<.1	<.01	<.01	<.01	<.01
			up to 12 mm in size, <10% Py weathered in cavities.	110645	43.8	44.5	0.7	<.03	<.1	<.01	<.01	<.01	<.01
46.0	53.0	7.0	Rose colour, glassy, phano's < 3mm, well fol., @60 dCA ext. siliceous (sx), hd , LCT sharp @60 dCA	110646	44.5	45.2	0.7	<.03	0.1	<.01	<.01	<.01	<.01
				110647	45.2	46.0	0.8	<.03	0.1	<.01	<.01	<.01	<.01

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : Main Zone Massive Sulphides				Hole No.		S - 91 -69			
		Scott Frostad						Total Depth:		253.9 m			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
53.0	56.0	3.0	Int Vol Tuff Lgt gray, well fol., with mafic component, fol. @60 dCA, <5 % qtz vng, 10 % stretched/elong. fel'spar phenos, LCT sharp @60 dCA										
56.0	67.6	11.6	Chlorite Mus. Phyllite Lgt green/gray, well fol. @ 60 dCA, <15 % bull qtz vng <5cm thk, highly contorted, folded; soft/friable; wkly ox. LCT gradational										
67.6	82.7	15.1	Felsic-Int Vol tuff lgt gray, well fol. @ 60 dCA, distinct rose & purple sect's are hard & sx, hematitic?, well dev. fel'spar phenos, <5 % bull qtz vng, <5 cm LCT grad. across 40 cm										
82.7	122.5	39.8	Int-Mafic Vol tuff med gary, well fol., mod-highly sx, distict fx phenos <3mm, <10 % felsic volc. bands < 10 cm, wk herringbone txt, salt & pepper txt common, LCT @ 60 dCA										
122.5	134.2	11.7	Int-Felsic Vol tuff lgt - med gary, well fol., mod-ext ox, espec. @ fractures highly fractured & broken, <10 % bull qtz vng < 10 cm parallel to fol.										
@	128.0 m		FT gouge & rubble -15 cm thk										
@	128.4 m		1.0 cm Ft gouge @ 60 dCA, mod ox										
@	130.3 m		0.3 cm Ft gouge @ 30 dCA, mod ox										
@	131.2 m		12.0 cm Ft gouge @ 60 dCA, highly ox. LCT @ 45 dCA										
134.2	134.3	0.1	Fault Zone ext blocky, broken core, rubble, FT Zone < 5cm thk 2 60 dCA, ext ox, LCT @ 60 dCA										
134.3	167.3	33.0	Felsic Vol tuff very lgt gray, purple, white with gray spots, ext- strong sx, hd, fol. @ 60 dCA, <10 % ox., orange sect's, < 10 % purple, high sx, sect's, well developed fx phenos, < 4mm, 1-3 % dis. f.g. Py blebs, < 3mm,										
134.4	137.8	3.4	as above - 40 % black spotted core, ext hd & sx, up to 25 % blk f.g. mineral as blebs <3mm, highly irregular CT's, 1-3 dis. Py < 3mm, 10-15 % bull white qtz vns, <1cm with larger phenos of Py @ vn CT	110648	134.4	134.8	0.4	<.03	<.01	<.01	<.01	<.01	<.01
				110649	134.8	135.4	0.6	<.03	<.01	<.01	<.01	<.01	<.01
138.4	142.1	3.7	as above - 20% very f.g. ext.sx lgt.gray vol. rk, with 3-5 % dis. f.g. Py < 2mm, massive tx	110650	135.4	136.0	0.6	<.03	<.01	<.01	<.01	<.01	<.01
				110651	136.0	136.5	0.5	<.03	0.2	<.01	<.01	<.01	<.01
142.1	144.0	1.9	as above, gradational into snow white sect with same physical description	110652	142.4	143.0	0.6	<.03	<.01	<.01	<.01	<.01	<.01
144.0	167.3	23.3	as above, altered bgds of lgt gray to pale white sect'n very well fol.@ 60 dCA extreme sx & hard, f.g. & glassy										
167.3	199.3	32.0	Mafic-Int Vol tuf dk-med gray, granular, f.g-mg., well fol., @ 60 dCa., <10 % bull white qtz str < 3cm thk, 15 % ext sx gray bds < 1m tk,mod hard & sx, pos stretched fx phenos throughout										
@	185.4 m		1.1 cm tk FT gouge @ 60 dCA										
@	190.9 m		<1.0cm tk FT gouge @ 60 dCA										

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : Main Zone Massive Sulphides				Hole No.		S - 91 -69			
		Scott Frostad start @ 199.3						Total Depth:		253.9 m			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
@	199.1	m	0.5 cm tk FT gouge @ 60 dCA, ox										
199.3	223.0	23.7	Qtzte/ Mu Phyllite 70-75 % lgt gray, f.g. wkly fol. quartzite (qtzte) bds (.5cm to 1.0m) interlayered with 20-25% mod. lgt -med gray, moderate fol. Mu Phy. Fol 60-65 dCA, 2-3 % bull qtz vns <10.0 cm, patchy ox, tr Po										
@	223.0	m	Sharp Ct @ 60 dCA										Au:As Ratio
222.5	223.0	0.5	Blocky core										
223.0	225.2	2.2	Massive Suphides	110618	222.0	223.0	1.0	0.05	<0.1	0.01	0.01	0.01	
223.0	223.7	0.7	55-60 % f.g.-m.g., sub rounded to angular Py crystals (xtls), (10-15% <2cm), 20-25 f.g. arsenopyrite (aspy)	110619	223.0	223.7	0.7	12.02	113.5	2.46	3.74	17.46	0.69
			(5-7% subangular xtls <.5 cm), 15-20% m.g., gray qtz vng as frags, <1% PbS, 4-5 % Mu Phy, wkly fol @ 50 dCA	110620	223.7	224.4	0.7	2.35	7.9	0.15	1.36	6.66	0.35
			10-15% f.g. to subangl. aspy, 8-10% f.g. to subangl. Py 3-4 % wispy & fracture filled (f.f) sphalerite (sph), trace (tr) galena (gal), med gray qtz vns (.5-12.0cm), host	Intersect.1	223.0	224.4	1.4	7.19	60.7	1.31	2.55	12.06	0.60
			roch (H.R) mod.-dtrong sx, pale green, Mu Phy, fol 55-60 dCA, mineralization & vng. may crosscut fol. @ 30 dCA	Intersect.2	224.4	227.5	3.1	0.70	10.1	0.13	0.53	3.14	0.22
			Silicified(sx) Mu Phyllite pale-olive green, mod., fol. @ 55 dCA, mod. sx, 15-20% med. gary qtz vns & lenses (<3.0cm), 2-3% m.g. Py with vns	110622	225.2	226.0	0.8	0.10	1.8	0.01	0.01	0.75	0.13
225.2	227.5	2.3		110623	226.0	226.7	0.7	0.19	3.7	0.03	0.01	1.43	0.13
				110624	226.7	227.5	0.8	0.65	13.4	0.20	1.98	2.00	0.33
227.5	229.2	1.7	Massive Suphides	110625	227.5	228.0	0.5	3.52	66.7	0.66	2.66	5.32	0.66
			three (10.0, 17.0, 24.0 cm) Mas. sulp. with 50-55 f.g to subangl. Py (<.3cm), 25-30% f.g.-subangl. aspy, 10-15% f.g. red sph, 3-4% bull qtz frags <2.0cm, H.R. pale green mod. fol. @ 40 dCA, Mu Phy, 10-15 aspy with med gray vng <2.0cm	110626	228.0	228.6	0.6	3.80	212.7	3.90	4.38	6.90	0.55
				110627	228.6	229.2	0.6	4.63	428.6	8.74	6.48	5.33	0.87
				Intersect.3	227.5	229.2	1.7	4.01	246.0	4.66	4.62	5.88	0.68
				Intersect.4	223.0	229.2	6.2	3.05	86.2	1.64	2.11	5.91	0.52
				110628	229.2	229.8	0.6	2.13	12.9	0.22	0.12	5.95	0.36
229.2	231.5	2.3	Silicified(sx) Mu Phyllite pale-olive grn, as above fol. @ 40 dCA, 3-4% Py, 1-2% aspy, tr red sph	110629	229.8	230.3	0.5	0.76	8.6	0.17	0.10	2.23	0.34
				110630	230.3	230.8	0.5	0.88	18.7	0.47	0.04	1.11	0.79
			230.5-230.7 Blocky core, fol @ 30 dCA	110631	230.8	231.5	0.7	0.55	5.4	0.16	0.05	1.84	0.30
231.5	233.1	1.6	Massive Suphides	110632	231.5	232.2	0.7	2.62	91.2	1.32	1.16	3.60	0.73
			three (9.0, 10.0, 15.0 cm) Mas. sulp. with 65-70 f.g to subangl. Py (<1.0cm), 8-10% f.g.-subangl. aspy, 10-15% bull qtz vn frags, 5-10% qtz vng, 5-10% Mu Phy, 25-30% H.R., white, lgt gray qtz vn, 70-75% pale gen, mod sx, mod fol., Mu Phy, with 10-15% Py, & 4-5% aspy with vns	110633	232.2	233.1	0.9	1.94	11.8	0.15	0.33	3.77	0.51
				Intersect.5	231.5	233.8	2.3	2.11	35.1	0.54	0.48	3.52	0.60
				110634	233.1	233.8	0.7	1.82	9.1	0.27	0.00	3.13	0.58

EQUINOX RESOURCES LTD.				DIAMOND DRILL RECORD				Property: J & L					
Logged By:		Wes Hanson		Target : YellowJacket Pb, Zn				Hole No.		S - 91 -69			
		Scott Frostad						Total Depth:		253.9 m			
				SAMPLES				ASSAYS					
FROM	TO	Inter.	DESCRIPTION	Number	From	To	Inter.	Au	Ag	Pb	Zn	As	Other
233.1	253.9	20.8	Silicified(sx) Mu Phyllite as above, (225.2-227.5)										
			fol. 50-55 dCA, 3-4% bull qtz vns (<6.0cm), 2-3 % Py-qtz	110635	233.8	234.8	1.0	0.45	3.2	0.08	0.13	0.54	0.83
			vns, minor aspy, Po, & sph	110636	234.8	235.9	1.1	0.35	1.1	0.01	0.00	0.19	1.84
233.1	233.8	0.7	two (3.0,2.0 cm) asp-qtz vns @ 45 dCA	110637	235.9	237.0	1.1	0.43	0.9	0.01	0.04	0.30	1.43
@	234.7	m	Sharp Ct @ 60 dCA	110638	237.0	238.1	1.1	0.40	3.1	0.03	0.18	0.66	0.61
@	236.1	m	0.2 cm red sph. f.f.	110639	238.1	239.2	1.1	0.44	2.8	0.08	0.06	0.66	0.67
@	237.5	m	1.0 cm red sph-asp-qtz f.f.	110640	239.2	240.2	1.0	0.13	1.4	0.04	0.00	0.09	1.44
@	238.0	m	0.5 cm red sph-asp-qtz f.f.										
@	238.5	m	0.2 cm red sph-asp-qtz f.f.										
@	239.1	m	0.2 cm red sph-asp-qtz f.f.										
	253.9		End of Hole										
			Tests-Sperry Sun * indicates degrees										
			Depth	Azimuth			Dip						
			@ 30 m	206 *			- 84 *						
			@ 91.5 m	191 *			- 82 *						
			@167.7m	201 *			- 78 *						
			@253.9m	201 *			- 77 *						

APPENDIX B

CLAIM STATUS AND COST STATEMENT

ASSESS2.XLS

ASSESSMENT FILING REQUIREMENTS & CLAIM STATUS

Crown grants L - 14827 and L - 14829 are part of the Tom (formerly Arty # 3) Group. The majority of the program was spent on the crown grants L -14821, and L -14823, which is part of the Shannon (formerly Arty # 3 Group). Considerable work was also completed on the crown grant L - 14825 which has been regrouped recently as part of the Sam Group.

Other surface exploration work included drilling of hole 91 - 77 on G.D. claim, part of the Tom (formerly Arty # 1) Group. Holes 91 -62, and -91 -63 were drilled on L - 14829 also part of this group.

Shannon Group (formerly Arty # 3 Group)

Claim Name	Record #	Current Expiry Date	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
Shannon 400	#1143	12/17/99	20	\$8,000	\$400	2	12/17/01
Shannon 500	#1144	12/17/99	20	\$8,000	\$400	2	12/17/01
Total				\$16,000	\$800		

Note: above assessment work comprised part of the summer 1991 exploration program.

Sam Group

Claim Name	Record #	Current Expiry Date	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
Sam	#1549	11/30/94	8	\$0	\$0	0	12/2/94
Sam 1	#1550	11/30/94	8	\$0	\$0	0	12/2/94
Mary No 4	# 757	10/10/94	1	\$1,400	\$70	7	10/10/01
Mary	#1545	11/30/94	1	\$0	\$0	0	12/2/94
Mary No 1	#1546	11/30/94	1	\$0	\$0	0	12/2/94
Mary No 2	#1547	11/30/94	1	\$0	\$0	0	12/2/94
Mary No 3	#1548	11/30/94	1	\$0	\$0	0	12/2/94
Subtotal				\$1,400	\$70		

Note: above assessment work comprised camp construction and roof building during Oct. 1991.

Shannon 700	#1146	12/17/93	18	\$28,800	\$1,440	8	12/17/01
Shannon 800	#1147	12/17/93	8	\$12,800	\$640	8	12/17/01
Shannon 900	#1148	12/17/94	20	\$28,000	\$1,400	7	12/17/01
Shannon 1000	#1149	12/17/94	10	\$14,000	\$700	7	12/17/01
Shannon 1100	#1150	12/17/94	6	\$8,400	\$420	7	12/17/01
Subtotal				\$92,000	\$4,600		

Note: above assessment work comprised part of the summer 1991 exploration program.

TOTAL \$93,400 \$4,670

Tom (formerly Arty # 1) Group

Claim Name	Record #	Current Expiry Date	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
G.D.	#603	4/17/93	16	\$25,600	\$1,280	8	4/16/01
Tom	#604	4/17/97	20	\$16,000	\$800	4	4/17/01
Min	#605	4/17/94	8	\$11,200	\$560	7	4/16/01

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Burke 1	#1485	9/30/99	9	\$0	\$0	0	10/1/99
Mary No 5	#758	10/10/99	1	\$0	\$0	0	10/11/99
Mary No 6	#759	10/10/99	1	\$0	\$0	0	10/11/99
Mary No 7	#760	10/10/99	1	\$0	\$0	0	10/11/99
Subtotal			56	\$52,800	\$2,640		

Note: Above Group covered by diamond drilling on G.D. claim, hole 91-77.

Shannon North (formerly Tom) Group

The A & E is covered by the Shannon North (proposed, formerly Tom) Group comprising the Shannon 100 and 300 claims

Claim Name	Record #	Current Expiry Date	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
Shannon 100	#1140	12/17/95	12	\$0	\$0	0	12/17/95
Shannon 300	#1142	12/17/95	16	\$0	\$0	0	12/17/95
TOTAL				\$0	\$0		

Note: no work completed on these claims in the 1990/91 program.

Burke Group

Claim Name	Record #	Current Expiry Date	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
Burke 2	#1486	9/30/91	15	\$9,000	\$450	3	9/30/94
Burke 3	#1487	9/30/91	15	\$9,000	\$450	3	9/30/94
Kirk	#606	4/17/93	20	\$0	\$0	0	4/18/93
Shannon 200	#1141	12/17/93	12	\$0	\$0	0	12/18/93
Shannon 600	#1145	12/17/93	16	\$0	\$0	0	12/18/93
Subtotal			78	\$18,000	\$900		

Note: above assessment work completed as part of the summer 1991 exploration program on the Roseberry area.

Statement of work filed Sept. 30, 1991, with report to follow in December.

Respectfully submitted:

Robert F. Weicker

ASSESS2.XLS

COST STATEMENT - BURKE GROUP

	Cost \$
Personel	
Geologists R.Weicker, S. Frostad - Vancouver	\$4,270
Labourers C. Brunetti, A. Brunetti - Revelstoke	
 Transportation	
Helicopter - Canadian Helicopters - Revelstoke	\$6,090
Fuel	\$100
Truck - 4 days *\$40/day	\$160
 Support	
Camp Food, groceries and supplies	\$500
Assaying - Ectotech Labs. - Kamloops	\$994
 Report	
Reporting, editing, etc	
Chief Geologist - R. Weicker \$250/day * 2.2 days	\$550
Drafting - P. McSeely \$150/day *2.0 days	\$375
	Subtotal \$13,039
Administration and Management 7.5 %	\$978
	Total <u>\$14,017</u>

COST STATEMENT & CLAIM STATUS

<u>Tom Group (formerly Arty # 1 Group)</u>							
Claim Name	Record	Current Expiry Dat	No Units	Possible Assess.	Filing Fee	No. of Years	Possible Expiry Date
G.D.	#603	4/17/97	16	\$12,800	\$640	4	4/17/01
Tom	#604	4/17/97	20	\$16,000	\$800	4	4/17/01
Min	#605	4/17/97	8	\$6,400	\$320	4	4/17/01
Burke 1	#1485	9/30/99	9	\$0	\$0	0	10/1/99
Mary No 5	#758	10/10/99	1	\$0	\$0	0	##### ^{10/10/99} R.F.M.
Mary No	#759	10/10/99	1	\$0	\$0	0	#####
Mary No 7	#760	10/10/99	1	\$0	\$0	0	#####
Subtotal			56	\$35,200	\$1,760		

1991 Exploration Expenses

Includes diamond drilling one hole on the G.D. claim (91 - 77). This was a helicopter serviced drill site. Ground supported drilling was also completed (91-62,63) on crown grant L - 14829, which is also part of this group.

Drilling of all holes were completed by Falcon Drilling of Prince George, B.C. and serviced by Canadian Helicopters of Revelstoke, B.C. Geological supervision and management was supplied by Equinox Resources Ltd. for Cheni Gold Mines Ltd.

Expense	Cost \$
Drill hole 91- 62, 63	
Invoice #01B	\$1,739
Invoice #01A	\$896
Invoice #01	\$34,209
SUBTOTAL	\$36,844
Geological Supervision	
W. Hanson \$250/day 8 days	\$2,000
R. Weicker \$275/day 3days	\$825
Truck Rental	\$1,263
Fuel	\$250
	<hr/>
	\$41,182
Drill Hole 91 -77 Helicopter supported.	
Diamond drilling	\$15,189
Helicopter	\$23,917
Geological Supervision	
W. Hanson \$250/day 5 days	\$1,250
R. Weicker \$275/day 2days	\$550
	<hr/>
	\$40,906
TOTAL	\$82,088

FALCON DRILLING LTD. - WEEKLY DRILL REPORT
 REVELSTOKE - BGM JOB #12550B - INVOICE #05

DATE	TIMESHEET	ROLE	CORING	METRES	@ \$55.10	OVERBORER	METRES	@ \$55.10	REAMING	x RATE	TESTING	x RATE	W/LINES	x RATE	MOVING	x RATE	S/U T/D	x RATE	TOTAL	GST
09-15	17886	S-75	200	60.98	3,360.00														3,360.00	235.20
	17887	S-75	171	52.13	2,872.36														2,872.36	201.07
09-16	17877	S-75	68	20.73	1,142.22				1	30.00							1	30.00	1,202.22	84.16
		S-76				15	4.57	251.81			4	120.00							371.81	26.03
	17888	S-75	175	53.35	2,939.59														2,939.59	205.77
09-17	17878	S-76	137	41.77	2,301.53														2,301.53	161.11
	17879	S-76	43	13.11	722.36														722.36	50.57
09-18	17880	S-76	150	45.73	2,519.72														2,519.72	176.38
	17881	S-76	93	28.35	1,562.09														1,562.09	109.35
09-19	17882	S-76	167	50.91	2,805.14														2,805.14	196.36
	17883	S-76	10	3.05	168.06						4	120.00					10	300.00	588.06	41.16
09-20	17884												8	240.00					240.00	16.80
													9	270.00					270.00	18.90
* 09-21	17865	S-77	166	50.61	2,788.61	28	6.10	336.11							2	60.00	8	240.00	3,424.72	239.73
	17863	S-77	200	60.98	3,360.00														3,360.00	235.20

Total:			1,580	481.70	26,541.68	35	10.67	587.92	1	30.00	8	240.00	17	510.00	2	60.00	19	570.00	28,539.60	1,997.77

FALCON DRILLING LTD. - WEEKLY DRILL REPORT
 REVELSTOKE - BGM JOB #12550B - INVOICE #07

DATE	TIMESHEET	ROLE	CORING	METRES	@ \$55.10	TESTING	x RATE	MOB/DEMOS	x RATE	HOLE STABIL	x RATE	SHOES	x RATE	5' CASING	x RATE	BITCOOL	x RATE	PAC VIS	x RATE	TOTAL	GST
* 09-22	17868	S-77	220	67.07	3,695.56						2	60.00				1	95.15	1	101.82	3,952.53	276.68
	17869	S-77	141	42.99	2,368.75	1	30.00					1	106.26	4	353.28					2,858.29	200.98
* 09-23	17870	S-77				2	60.00	1	30.00											90.00	6.30

Total:			361	110.06	6,064.31	3	90.00	1	30.00	2	60.00	1	106.26	4	353.28	1	95.15	1	101.82	6,900.82	483.06

14,195.54 993.69

V
 15,189.23

1 complete

***** Fifty-Nine Thousand Ninety-Four and 50/100 *****

Oct 31 91 \$59,094.50

CANADIAN HELICOPTERS LIMITED
4391 AGAR DROVE

RICHMOND, B.C.
V7B 1A5

⑈003778⑈ ⑆00040⑈00⑆ ⑆226⑈05⑆⑈

NUMBER	INV. DATE	GROSS AMOUNT	DEDUCTIONS	NET AMOUNT
A12739	Sep 19 91	3,325.22	0.00	3,325.22
A12850	Sep 20 91	4,731.80	0.00	4,731.80
A12945	Sep 24 91	11,126.80	0.00	11,126.80
A13064	Sep 27 91	8,058.28	0.00	8,058.28
L-7318	Sep 30 91	31,027.54	0.00	31,027.54
L-7332	Oct 11 91	824.86	0.00	824.86
		59,094.50	0.00	59,094.50

1065560
23,916.88

Fuel 593.2 Ltrs @ \$0.40/Ltr \$237.28
** Total Fuel & Oil * 252.88

Total Charges: 3,107.68
GST R122277775 217.54

Invoice Total: 3,325.22 **

of Payment are Net 30 days from date of Invoice; Interest at 1-1/2% per (19.56% per annum) will be charged on overdue invoices.

ORIGINAL INVOICE

EQUINOX RESOURCES LTD.

FALCON DRILLING LTD. - JOB 12550B - INVOICE #07A

SEPTEMBER 30, 1991

RENTALS

Sperry-Sun Drilling Services (Testing unit Aug. 20, 1991 to Aug. 31, 1991)	\$ 612.15
7% GST	<u>42.85</u>
TOTAL RENTALS	<u>\$ 655.00</u>

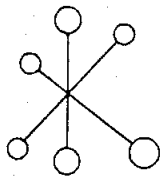
APPENDIX C

GEOCHEMISTRY SUMMARY AND ASSAYS

GEOCHM91.XLS

GEOCHEMISTRY SUMMARY - 1991 Summer Program

<u>Rock Geochemistry</u>	<u>Sample #</u>	<u>Certificate</u>
✓ West Creek Showing	NZ-WC-1, 2 NZHCL	ETK 91 - 438 ETK 91 - 527
✓ West Zone - helipad	WZHL	ETK 91 - 527
✓ <u>Roseberry Prospect</u>	RBD - 1, 2 RB Trench, RB 1A, 1B, 2, 3A, 3B, 4, 5A, 5B, 6 RB - Adit 3, RB-A3-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	ETK 91 - 438 ETK 91 - 537 ETK 91 - 667
✓ Northeast Roseberry	IVC	ETK 91 - 527



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ASSAYING - ENVIRONMENTAL TESTING

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JULY 30, 1991

CERTIFICATE OF ANALYSIS ETK 91-438

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EQUINOX RESOURCES LTD.
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VANCOUVER, B.C.
V6C 2T6

ATTENTION: JOHN WRIGHT

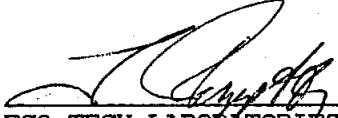
SAMPLE IDENTIFICATION: 16 ROCK samples received JULY 9, 1991
-----PROJECT NO.: J & L

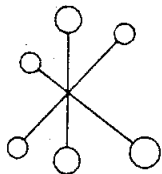
ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)	HG (ppb)
1	- FZ - 1	>1000	>30	4141	1740	87	>10000	-
2	- FZ - 2	865	16.0	1479	318	49	>10000	-
3	- FZ - 3	>1000	8.3	469	238	29	>10000	-
4	- FZ - 4	295	8.1	197	317	20	>10000	-
5	- FZ - 5	>1000	16.7	1509	205	72	>10000	-
6	- FZ - 6	>1000	12.2	495	382	31	>10000	-
7	- FZ - 7	>1000	21.8	1916	341	62	>10000	-
8	- RB D - 1	>1000	>30	>10000	565	232	>10000	20
9	- RB D - 2	>1000	>30	9771	499	302	>10000	30
10	- NZ - WC- 1	115	18.0	294	4230	8532	5589	-
11	- NZ - WC- 2	<5	4.5	79	682	3444	1351	-
12	- NZ - OS- 1	>1000	25.4	50	4630	111	>10000	-
13	- NZ - NS- 33	>1000	>30	466	2430	47	>10000	-
14	- SV R - 1	55	1.0	165	134	27	3925	-
15	- 10 15 - 1	>1000	12.0	97	6220	9141	>10000	-
16	- 10 15 - 2	>1000	>30	151	>10000	7768	>10000	-

NOTE: > = GREATER THAN
< = LESS THAN

cc. Wes Hanson
Box 1229
Revelstoke, B.C.
VOE 1S0

FAX: J. WRIGHT
684-0147
P. McFELLY
684-0642


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ASSAYING - ENVIRONMENTAL TESTING

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JULY 30, 1991

CERTIFICATE OF ASSAY ETK 91-438

EQUINOX RESOURCES LTD.
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VANCOUVER, B.C.
V6C 2T6

ATTENTION: JOHN WRIGHT

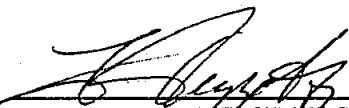
SAMPLE IDENTIFICATION: 16 ROCK samples received JULY 9, 1991
-----PROJECT NO.: J & L

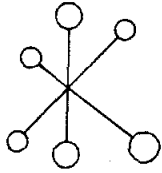
ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	CU (%)	AS (%)	PB (%)
1 -	FZ - 1	3.69	.108	72.8	2.12	-	21.61	-
2 -	FZ - 2	-	-	-	-	-	6.02	-
3 -	FZ - 3	2.59	.076	-	-	-	25.35	-
4 -	FZ - 4	-	-	-	-	-	2.41	-
5 -	FZ - 5	3.17	.092	-	-	-	23.29	-
6 -	FZ - 6	1.45	.042	-	-	-	19.03	-
7 -	FZ - 7	3.55	.104	-	-	-	20.37	-
8 -	RB D - 1	6.30 *	.184	42.5	1.24	1.38	23.85	-
9 -	RB D - 2	3.97	.116	39.6	1.16	-	19.33	-
10 -	NZ - WC- 1	-	-	-	-	-	-	-
11 -	NZ - WC- 2	-	-	-	-	-	-	-
12 -	NZ - OS- 1	4.37	.127	-	-	-	22.66	-
13 -	NZ - NS- 33	1.85	.054	47.5	1.39	-	15.49	-
14 -	SV R - 1	-	-	-	-	-	-	-
15 -	10 15 - 1	42.02 *	1.225	-	-	-	25.93	-
16 -	10 15 - 2	32.55 *	.949	-	-	-	16.99	1.64

NOTE: * = SAMPLE SCREENED AND METALLIC ASSAYED
< = LESS THAN

cc. Wes Hanson
Box 1229
Revelstoke, B.C.
VOE 1S0

FAX: J. WRIGHT
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P. McFELLY
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METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
438-8	6.14	8.647496	6.306835
438-15	42	42.16658	42.02524
438-16	32.55	32.58719	32.55292

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JULY 30, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

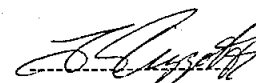
EQUINOX RESOURCES LTD. - ETK 91-438

900 - 625 HOWE ST.
VANCOUVER, B.C.
V6C 2T6

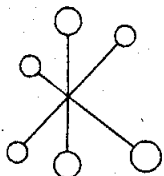
PROJECT: J & L
16 ROCK SAMPLES RECEIVED JULY 9, 1990

ETH	DESCRIPTION	AG	AL(%)	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	MG(%)	MM	MO	NA(%)	NI	P	PB	SR	TI(%)	V	W	Y	ZN
1 -	PZ - 1	>30.0	.02	15	95	<.01	1	48	53	5053	9.86	.23	<.01	2	<1	.17	18	2060	1890	6	.01	10	<10	1	100
2 -	PZ - 2	17.8	1.02	155	105	<.01	2	20	153	1586	8.18	1.32	<.01	13	13	1.63	16	1050	368	3	.07	18	<10	<1	59
3 -	PZ - 3	8.6	.24	60	115	<.01	3	271	50	586	10.27	.58	<.01	12	1	.81	13	740	228	<1	.04	10	<10	<1	26
4 -	PZ - 4	8.3	>15	335	125	<.01	1	103	263	114	13.89	2.31	<.01	88	4	3.42	16	330	308	2	.32	59	<10	<1	22
5 -	PZ - 5	18.0	3.87	95	95	<.01	2	58	90	1606	>15	.89	<.01	4	<1	.88	12	450	200	<1	.03	14	10	<1	68
6 -	PZ - 6	9.8	<.01	50	115	<.01	1	257	92	428	13.68	.61	<.01	15	<1	.65	12	320	328	<1	.02	13	10	<1	23
7 -	PZ - 7	23.8	1.27	90	145	<.01	3	449	81	2033	14.74	1.02	<.01	28	<1	.43	30	920	360	<1	.03	16	20	<1	72
8 -	RBD - 1	>30.0	<.01	<5	100	<.01	1	56	57	>10000	>15	.14	<.01	<1	<1	.23	24	3720	494	<1	<.01	11	20	<1	267
9 -	RBD - 2	>30.0	<.01	<5	510	<.01	6	34	93	9597	>15	.16	<.01	1	<1	.14	19	3780	372	<1	<.01	14	20	<1	301
10 -	NZ -WC - 1	22.6	<.01	160	50	3.02	35	5	261	245	2.25	.21	.26	522	1	.27	6	230	3672	128	<.01	26	150	6	8603
11 -	NZ -WC - 2	4.0	<.01	520	25	2.61	10	10	319	72	3.13	1.18	.54	883	<1	.41	18	650	476	129	.02	128	80	1	3877
12 -	NZ -OS - 1	25	<.01	30	35	.26	3	261	131	67	>15	1.09	<.01	410	<1	.33	74	420	4940	39	.03	33	20	<1	114
13 -	NZ -NS - 33	>30.0	<.01	175	255	<.01	3	543	158	590	>15	1.14	<.01	20	<1	.32	156	630	2234	<1	.03	33	10	<1	70
14 -	SVR - 1	1.0	<.01	<5	20	<.01	1	83	278	197	12.74	.15	.03	228	<1	.65	28	280	154	<1	<.01	46	<10	2	49
15 -	1015 - 1	8.6	<.01	<5	5	<.01	103	<1	35	79	8.81	.19	<.01	<1	<1	.32	<1	440	6036	<1	<.01	7	300	<1	9562
16 -	1015 - 2	>30.0	<.01	<5	<5	<.01	66	<1	61	134	12.35	.18	<.01	<1	<1	.3	<1	220	>10000	1	<.01	8	100	<1	7440

NOTE: < = LESS THAN


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AUGUST 6, 1991

CERTIFICATE OF ANALYSIS ETK 91-527

=====

EQUINOX RESOURCES LTD.
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VANCOUVER, B.C.
V6C 2T6

ATTENTION: JOHN WRIGHT

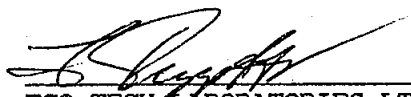
SAMPLE IDENTIFICATION: 10 ROCK samples received JULY 26, 1991
----- SHIPMENT NO. 56

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	PB (%)	ZN (%)	AS (%)
2 -	PR - 2	-	-	-	-	-	-	2.17
3 -	MS - 2	17.29	.504	123.4	3.6	5.96	16.60	7.14
4 -	AS - 2	2.61	.076	-	-	-	-	21.00
5 -	AS - 3	6.98	.203	-	-	-	-	12.40
6 -	NZ -15	1.83	.053	-	-	-	-	12.90
7 -	IVC	-	-	392.8	11.5	11.8	26.40	-

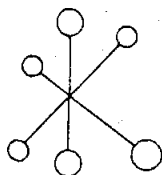
NOTE: > = GREATER THAN
< = LESS THAN

cc. Wes Hanson
Box 1229
Revelstoke, B.C.
VOE 1S0

FAX: J. WRIGHT
684-0147
P. McFELLY
684-0642


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AUGUST 6, 1991

CERTIFICATE OF ANALYSIS ETK 91-527
=====

EQUINOX RESOURCES LTD.
900 - 625 HOWE ST.
VANCOUVER, B.C.
V6C 2T6

ATTENTION: JOHN WRIGHT

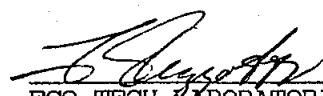
SAMPLE IDENTIFICATION: 10 ROCK samples received JULY 26, 1991
----- SHIPMENT NO. 56

ET#	Description	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
1 -	PY - 2	>30.	6820	397	133	88
2 -	PR - 2	13.8	1860	475	23	>10000
3 -	MS - 2	>30.	1870	>10000	>10000	>10000
4 -	AS - 2	19.5	4210	904	1000	>10000
5 -	AS - 3	.9	88	421	4850	>10000
6 -	NZ -15	<.1	46	76	118	>10000
7 -	IVC	>30.	86	>10000	>10000	366
8 -	NZHCL	2.6	11	881	1119	316

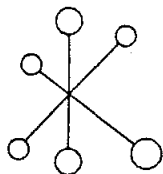
NOTE: > = GREATER THAN
< = LESS THAN

cc. Wes Hanson
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Revelstoke, B.C.
VOE 1S0

FAX: J. WRIGHT
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METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
527-3	17.33	16.61177	17.29597
527-5	6.96	7.290559	6.977379

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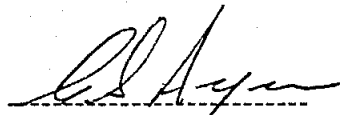
EQUINOX RESOURCES LTD. - ETK 91 -

900-625 HOWE STREET
 VANCOUVER, B.C.
 V6C 2T6

OTHERWISE REPORTED

SHIPMENT NO: 56
 PROJECT: NONE GIVEN
 10 ROCK SAMPLES RECEIVED JULY 26, 1991

AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SW	SR
335	26.0	.05	185	6	20	45	.03	<1	81	59	6850	>15	<.01	<10	.24	29	1	.01	8	100	364	10	<20	3
>1000	12.4	.13	>10000	6	20	410	.07	<1	71	53	1782	>15	<.01	<10	.26	<1	2	.02	31	160	440	10	<20	3
>1000	>30	.01	>10000	<2	20	<5	.72	614	11	13	1493	14.61	<.01	<10	.25	42	2	<.01	2	<10	>10000	1220	20	56
>1000	18.2	.12	>10000	6	20	305	.14	<1	267	33	4691	>15	<.01	<10	.29	21	<1	<.01	12	130	892	65	<20	6
>1000	1.0	.01	>10000	6	15	<5	.03	<1	12	71	85	12.80	<.01	<10	.17	1	1	<.01	31	<10	382	365	<20	1
>1000	<.2	.64	>10000	6	20	<5	.32	<1	80	68	50	12.72	<.01	<10	.45	141	3	<.01	16	940	66	40	<20	25
245	>30	.06	305	82	<5	<5	1.76	902	6	36	79	2.22	<.01	<10	.30	1053	57	<.01	4	700	>10000	345	<20	13
10	3.4	.10	365	4	55	<5	>15	2	12	46	7	2.89	<.01	<10	.90	941	68	<.01	13	520	840	10	<20	294
15	1.0	.02	105	2	40	<5	>15	<1	<1	2	2	.19	<.01	<10	.08	263	<1	<.01	1	130	230	<5	<20	215
5	<.2	.89	70	4	70	<5	5.27	<1	17	56	22	2.93	.09	<10	1.02	441	2	<.01	27	560	30	<5	<20	126

Per 
 ECO-TECH LABORATORIES LTD.
 FRANK J. PEZZOTTI
 B.C CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
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 PHONE - 604-573-5700
 FAX - 604-573-4557

AUGUST 2, 1991

EQUINOX RESOURCES LTD. - ETK 91 - 527

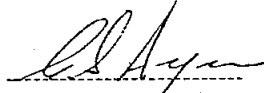
900-625 HOWE STREET
 VANCOUVER, B.C.
 V6C 2T6

VALUES IN PPM UNLESS OTHERWISE REPORTED

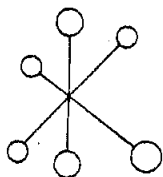
SHIPMENT NO: 56
 PROJECT: NONE GIVEN
 10 ROCK SAMPLES RECEIVED JULY 26, 1991

DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU PB(%)	K(%)	LA NG(%)	MN	MO NA(%)	NI	P	PB	SB	SN	SR TI(%)	U	V	W	Y	ZN						
1 - PY - 2 ✓	335	26.0	.05	185	6	20	45	.03	<1	81	59	6850	>15	<.01	<10	.24	29	1	.01	8	100	364	10	<20	3	<.01	20	<1	<10	<1	125
2 - PR - 2 ✓	>1000	12.4	.13	>10000	6	20	410	.07	<1	71	53	1782	>15	<.01	<10	.26	<1	2	.02	31	160	440	10	<20	3	<.01	20	<1	<10	<1	45
3 - MS - 2	>1000	>30	.01	>10000	<2	20	<5	.72	614	11	13	1493	14.61	<.01	<10	.25	42	2	<.01	2	<10	>10000	1220	20	56	<.01	10	<1	<10	<1	>10000
4 - AS - 2	>1000	18.2	.12	>10000	6	20	305	.14	<1	267	33	4691	>15	<.01	<10	.29	21	<1	<.01	12	130	892	65	<20	6	<.01	20	<1	20	<1	844
5 - AS - 3	>1000	1.0	.01	>10000	6	15	<5	.03	<1	12	71	85	12.80	<.01	<10	.17	1	1	<.01	31	<10	382	365	<20	1	<.01	10	<1	100	<1	4012
6 - NZ -15	>1000	<.2	.64	>10000	6	20	<5	.32	<1	80	68	50	12.72	<.01	<10	.45	141	3	<.01	16	940	66	40	<20	25	<.01	<10	<1	<10	<1	107
7 - IVC	245	>30	.06	305	82	<5	<5	1.76	902	6	36	79	2.22	<.01	<10	.30	1053	57	<.01	4	700	>10000	345	<20	13	<.01	<10	<1	<10	<1	>10000
8 - NZHCL	10	3.4	.10	365	4	55	<5	>15	2	12	46	7	2.89	<.01	<10	.90	941	68	<.01	13	570	840	10	<20	294	<.01	<10	5	20	5	1231
9 - WZHL	15	1.0	.02	105	2	40	<5	>15	<1	<1	2	2	.19	<.01	<10	.08	263	<1	<.01	1	130	230	<5	<20	215	<.01	<10	<1	10	<1	350
10 - CAMP - G -SCH	5	<.2	.89	70	4	70	<5	5.27	<1	17	56	22	2.93	.09	<10	1.02	441	2	<.01	27	560	30	<5	<20	176	<.01	<10	3	<10	1	99

NOTE: < = LESS THAN
 > = GREATER THAN

Per 
 ECO-TECH LABORATORIES LTD.
 FRANK J. PEZZOTTI
 B.C. CERTIFIED ASSAYER

SC91/equinox



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SEPTEMBER 3, 1991

CERTIFICATE OF ASSAY ETK 91-667

EQUINOX RESOURCES LTD.

625 HOWE ST.

VICOUVER, B.C.

V6C 2T6

ATTENTION: JOHN WRIGHT

SAMPLE IDENTIFICATION: 16 CORE samples received AUGUST 20, 1991


SHIPMENT NO: 58

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	AS (%)
1-	RB ADIT 3-1	.27	.008	-	-	.56
2-	RB - A3- 2	.09	.003	-	-	.02
3-	RB - A3- 3	2.57	.075	-	-	.48
4-	RB - A3- 4	.65	.019	-	-	.40
5-	RB - A3- 5	5.87*	.171	50.6	1.48	11.89
6-	RB - A3- 6	.63	.018	-	-	.57
7-	RB - A3- 7	4.45	.130	33.2	.97	15.96
8-	RB - A3- 8	1.99	.058	-	-	1.11
9-	RB - A3- 9	3.54	.103	34.5	1.01	13.52
10-	RB - A3- 10	.13	.004	-	-	.29
11-	RB - A3- 11	3.69	.108	-	-	12.58
12-	RB - A3- 12	15.03*	.438	37.4	1.09	12.99
13-	RB - A3- 13	.69	.020	-	-	.97
14-	RB - A3- 14	5.24*	.153	-	-	8.01
15-	RB - A3- 15	.17	.005	-	-	.27
16-	RB - A3- 16	5.79*	.169	-	-	10.86

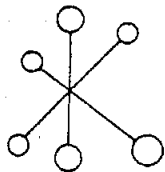
NOTE: * = SAMPLE SCREENED AND METALLIC ASSAYED

Wes Hanson
Box 1229
Revelstoke, B.C.
V0E 1S0

FAX: J. WRIGHT
684-0147
P. McFELLY
684-0642


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B.C. Certified Assayer

S 1/EQUINOX



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10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

ECO-TECH LABORATORIES LTD.

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
667 -5	6.54	1.023564	5.87017
667 -12	6.57	35.85464	15.03153
667 -14	5.22	5.603068	5.247919
667 -16	5.45	18.86973	5.794213

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 FAX - 604-573-4557

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 900 - 625 HOWE ST.
 VANCOUVER, B.C.
 V6C 2T6

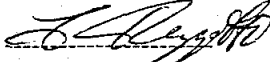
SEPTEMBER 3, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

SHIPMENT NO:58
 16 ROCK SAMPLES RECEIVED AUGUST 20, 1990

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	RB ADIT3-1	3	.30	5060	6	85	30	.05	4	19	57	266	5.69	<.01	<10	.27	723	5	.01	28	470	52	5	<20	10	<.01	<10	<1	<10	<1	232
2-	RB - A3 2	1.2	.29	200	6	55	<5	.26	1	14	134	142	3.98	<.01	<10	.11	987	9	<.01	24	1580	42	5	<20	13	<.01	<10	5	<10	5	274
3-	RB - A3 3	3.4	.17	4310	6	25	40	.07	3	12	136	1217	4.11	<.01	<10	.11	704	8	.02	20	380	26	15	<20	6	<.01	<10	9	<10	<1	108
4-	RB - A3 4	3.2	.39	3320	6	70	65	.02	2	11	.90	424	5.41	<.01	10	.09	112	8	.02	14	260	38	10	<20	13	<.01	<10	<1	<10	<1	56
5-	RB - A3 5	>30	.10	>10000	8	505	915	.15	5	10	25	590	14.42	<.01	<10	.22	69	1	.01	<1	330	292	40	<20	111	<.01	<10	<1	<10	<1	48
6-	RB - A3 6	5	.32	4840	6	85	100	.02	6	16	151	290	5.64	<.01	<10	.12	843	11	.02	28	320	198	10	<20	22	<.01	<10	2	<10	2	151
7-	RB - A3 7	>30	.05	>10000	12	30	1345	.01	<1	13	34	327	>15.00	<.01	<10	.24	63	2	<.01	<1	50	202	105	<20	6	<.01	10	<1	<10	<1	31
8-	RB - A3 8	2.8	.29	9590	6	45	55	.02	9	14	48	515	5.95	<.01	10	.10	206	4	.01	22	310	20	10	<20	15	<.01	<10	<1	<10	<1	57
9-	RB - A3 9	>30	.05	>10000	12	30	880	.01	7	11	44	639	13.45	<.01	<10	.20	44	4	<.01	<1	230	196	85	<20	4	<.01	<10	<1	<10	<1	29
10-	RB - A3 10	1.8	.15	2595	6	10	10	.02	2	11	115	122	3.88	<.01	<10	.09	734	12	.04	9	190	70	10	<20	5	<.01	<10	8	<10	<1	249
11-	RB - A3 11	24	.05	>10000	10	35	670	.02	9	10	19	391	13.32	<.01	<10	.21	54	1	<.01	<1	110	180	85	<20	4	<.01	<10	<1	<10	<1	30
12-	RB - A3 12	>30	.06	>10000	10	25	550	.01	7	8	59	610	12.58	<.01	<10	.19	23	2	<.01	<1	190	138	70	<20	4	<.01	<10	<1	<10	<1	19
13-	RB - A3 13	4.2	.22	8235	6	80	90	.03	8	30	79	600	8.61	<.01	<10	.14	1415	6	.01	26	320	44	20	<20	11	<.01	<10	<1	<10	<1	101
14-	RB - A3 14	28.8	.03	>10000	8	20	570	.01	5	7	98	519	9.63	<.01	<10	.14	64	6	<.01	<1	70	142	60	<20	4	<.01	<10	<1	<10	<1	28
15-	RB - A3 15	.8	.32	2290	4	40	<5	.02	3	30	141	131	6.64	<.01	10	.14	690	10	.01	45	330	10	5	<20	9	<.01	<10	11	<10	<1	110
16-	RB - A3 16	23	.07	>10000	8	30	665	.01	5	9	91	534	12.17	<.01	<10	.18	75	5	<.01	<1	240	222	70	<20	10	<.01	<10	<1	<10	<1	36

NOTE: < = LESS THAN


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SC90/K1

ETK 91-435

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EQUINOX RESOURCES LTD. - ETK 91 - 435

10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
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900-625 HOWE STREET
 VANCOUVER, B.C.
 V6C 2T6

JULY 31, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: J & L
 114 SOIL SAMPLES RECEIVED JULY 9, 1991

#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU FE(%)	K(%)	LA MG(%)	MM	MO	NA(%)	NI	P	PB	SB	SN	SR TI(%)	U	V	W	Y	ZN	
1	- L 97 E 98 +25 N	5	.2 1.12	55	4	55	<5 .32	<1	21	16	27 4.06	.04	10 .49	1895	<1	<.01	25	950	28	5	<20	15	.01	<10	11	<10	2	80
2	- L 97 E 98 +50 N	<5	.2 1.33	50	2	35	<5 .04	<1	11	15	18 3.87	.02	20 .31	271	<1	<.01	16	560	32	<5	<20	4	.01	<10	22	<10	<1	84
3	- L 97 E 98 +75 N	5	<.2 4.04	10	4	40	<5 .03	<1	12	15	7 5.44	.01	<10 .15	257	<1	<.01	6	1200	34	<5	<20	5	.14	<10	29	<10	1	32
4	- L 97 E 99 +00 N	<5	.2 5.93	<5	6	60	<5 .06	<1	15	10	8 2.91	.02	<10 .12	924	<1	.01	8	2260	28	<5	<20	5	.11	<10	9	<10	3	64
5	- L 97 E 99 +25 N	<5	<.2 2.79	50	4	100	<5 .06	<1	21	35	30 4.68	.03	10 .70	524	<1	<.01	33	810	22	<5	<20	6	.03	<10	29	<10	<1	114
6	- L 97 E 99 +50 N	<5	<.2 1.40	70	2	45	<5 .05	<1	12	18	13 3.56	.01	10 .34	568	<1	<.01	16	740	20	<5	<20	5	.04	<10	33	<10	<1	84
7	- L 97 E 99 +75 N	<5	<.2 3.64	25	4	125	<5 .05	<1	18	26	19 3.85	.04	10 .53	277	<1	<.01	29	810	26	5	<20	6	.08	<10	23	<10	1	108
8	- L 97 E100 +25 N	<5	<.2 2.88	35	4	125	<5 .06	<1	19	28	28 3.98	.04	10 .50	1162	<1	.01	31	1170	24	5	<20	7	.05	<10	20	<10	<1	131
9	- L 97 E100 +50 N	<5	<.2 3.02	55	6	55	<5 .07	<1	15	16	11 3.99	.01	<10 .20	512	<1	<.01	11	3370	32	<5	<20	8	.09	<10	19	<10	<1	77
10	- L 97 E100 +75 N	<5	<.2 1.53	45	4	105	<5 .17	<1	18	21	25 4.04	.06	10 .52	1372	<1	<.01	30	890	22	<5	<20	10	.03	<10	17	<10	<1	112
11	- L 97 E101 +00 N	5	<.2 3.82	<5	4	95	<5 .07	<1	17	22	17 3.43	.04	10 .41	499	<1	<.01	27	1180	32	<5	<20	6	.07	<10	14	<10	3	101
12	- L 97 E101 +25 N	5	<.2 2.13	25	4	60	<5 .08	<1	20	18	16 4.69	.04	10 .33	621	<1	<.01	20	2130	28	<5	<20	7	.04	<10	19	<10	<1	87
13	- L 97 E101 +50 N	5	<.2 1.58	10	2	55	<5 .09	<1	8	9	7 2.34	.03	<10 .14	437	<1	.01	7	790	20	<5	<20	7	.11	<10	34	<10	2	61
14	- L 97 E101 +75 N	<5	<.2 3.28	5	4	115	<5 .08	<1	15	14	11 3.31	.05	<10 .30	497	<1	.01	23	1160	26	<5	<20	6	.08	<10	16	<10	1	145
15	- L 97 E102 +00 N	<5	<.2 1.29	25	4	55	<5 .10	<1	15	16	14 3.95	.05	10 .38	508	<1	<.01	21	950	32	<5	<20	7	.02	<10	16	<10	<1	109
16	- L 97 E102 +25 N	5	.2 1.09	30	6	45	<5 1.38	<1	19	7	27 4.37	.02	20 .96	722	<1	<.01	26	960	70	5	<20	12	.01	<10	4	<10	27	128
17	- L 97 E102 +50 N	<5	<.2 1.54	25	4	90	<5 .16	<1	18	13	23 4.09	.05	20 .39	638	<1	<.01	28	690	40	<5	<20	10	.01	<10	9	<10	9	128
18	- L 97 E102 +75 N	5	.4 1.46	40	4	100	<5 .62	<1	24	12	29 4.39	.07	20 .36	1658	<1	<.01	30	1360	48	5	<20	30	.02	<10	9	<10	13	157
19	- L 97 E103 + 00 N	5	.2 .68	35	6	65	<5 2.17	<1	15	6	23 2.99	.03	10 .61	1137	<1	<.01	19	630	34	5	<20	69	<.01	<10	3	<10	11	165
20	- L 97 E103 +25 N	<5	<.2 1.34	20	4	45	<5 .38	<1	54	18	39 4.30	.09	30 .60	1345	<1	<.01	37	1280	28	<5	<20	35	.01	<10	14	<10	<1	102
21	- L 97 E103 +40 N	<5	.2 1.30	15	4	55	<5 .92	<1	51	15	31 4.17	.04	30 .60	2488	<1	<.01	46	1310	26	<5	<20	58	<.01	<10	6	<10	2	109
22	- L 98 E 98 +25 N*	<5	<.2 .29	10	4	45	<5 .80	<1	3	4	8 .79	.02	<10 .06	113	<1	<.01	7	650	10	<5	<20	19	.01	<10	17	<10	<1	27
23	- L 98 E 98 +50 N	5	<.2 1.54	35	4	30	<5 .85	<1	14	61	10 4.82	<.01	10 .61	290	<1	<.01	19	330	20	5	<20	5	.17	<10	65	<10	2	49
24	- L 98 E 98 +75 N	<5	<.2 1.18	115	2	20	<5 .03	<1	14	19	26 5.11	<.01	10 .32	368	<1	<.01	20	840	20	<5	<20	4	.03	<10	39	<10	<1	60
25	- L 98 E 99 +00 N	5	<.2 1.52	175	4	45	<5 .06	<1	21	25	41 5.30	<.01	10 .56	726	<1	<.01	26	750	26	<5	<20	6	.02	<10	35	<10	<1	100
26	- L 98 E 99 +50 N	5	<.2 1.12	85	4	40	<5 .19	<1	16	23	33 4.04	<.01	10 .58	356	<1	<.01	27	1000	34	<5	<20	8	.01	<10	14	<10	<1	112

PAGE 2

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27	- L 98 E 99 +75 N	5	.4	1.06	155	6	25	<5 .21	<1	24	30	44	4.28	<.01	10	.63	926	<1	<.01	26	1630	176	<5	<20	8	.02	<10	16	<10	1	200
28	- L 98 E 99 +75 N	<5	<.2	1.26	115	4	55	<5 .22	<1	18	24	36	3.78	<.01	10	.62	679	<1	<.01	29	1410	28	<5	<20	10	.01	<10	12	<10	1	98
29	- L 98 E100 +25 N	5	<.2	1.70	145	4	80	<5 .31	<1	21	22	50	4.61	.01	10	.62	722	<1	<.01	31	1110	30	5	<20	13	.02	<10	33	<10	1	110
30	- L 98 E100 +50 N	10	<.2	1.40	105	4	40	<5 .07	<1	14	21	30	3.93	.01	10	.50	220	<1	<.01	26	670	26	5	<20	6	.01	<10	20	<10	<1	72
31	- L 98 E101 +00 N	5	.2	4.52	<5	4	70	<5 .07	<1	13	9	15	3.11	.03	<10	.20	254	<1	.01	17	1260	36	<5	<20	7	.16	<10	14	<10	10	102
32	- L 98 E101 +25 N	5	.2	1.23	25	4	110	<5 .34	<1	12	11	10	3.61	.05	10	.34	1796	<1	<.01	18	700	36	<5	<20	7	<.01	<10	7	<10	<1	129
33	- L 98 E101 +50 N	<5	.2	1.08	35	4	45	<5 .63	<1	16	9	25	4.34	.03	20	.53	579	<1	<.01	26	1420	76	5	<20	11	<.01	<10	5	<10	27	147
34	- L 98 E101 +75 N	10	<.2	1.96	25	6	70	<5 .18	<1	17	11	15	3.95	.03	10	.34	794	<1	<.01	24	1060	44	<5	<20	9	.03	<10	9	<10	2	123
35	- L 98 E101 +75 N	<5	<.2	1.85	20	2	35	<5 .07	<1	10	16	11	3.12	.03	10	.31	402	<1	<.01	15	1370	24	<5	<20	5	.04	<10	23	<10	<1	62
36	- L 98 E102 +00 N	5	.2	.86	40	6	45	<5 .71	<1	25	10	27	3.95	.05	10	.32	1779	<1	<.01	26	1020	44	<5	<20	33	.01	<10	7	<10	2	120
37	- L 98 E102 +25 N	10	<.2	.28	10	6	25	<5 5.11	<1	8	2	13	1.32	.01	<10	.60	331	<1	<.01	12	510	16	5	<20	136	<.01	<10	<1	<10	3	75
38	- L 98 E102 +50 N	<5	.2	1.06	35	6	55	<5 .60	<1	18	10	19	4.08	.03	10	.49	1419	<1	<.01	21	930	54	<5	<20	13	.02	<10	10	<10	1	178
39	- L 98 E102 +75 N	<5	.2	3.19	15	4	80	<5 .23	<1	21	13	20	5.05	.02	10	.31	436	<1	<.01	28	920	120	<5	<20	12	.06	<10	11	<10	5	111
40	- L 98 E103 +00 N	<5	<.2	2.56	10	4	75	<5 .35	<1	20	8	11	3.19	.04	<10	.20	953	<1	<.01	16	2170	36	<5	<20	19	.10	<10	15	<10	2	83
41	- L 98 E103 +25 N	<5	.2	1.23	20	4	70	<5 .20	<1	28	12	21	4.52	.05	10	.35	1011	<1	<.01	32	1030	26	<5	<20	15	.02	<10	13	<10	<1	106
42	- L 98 E103 +50 N	<5	<.2	1.19	15	4	45	<5 .15	<1	24	7	29	4.03	.04	10	.28	448	<1	<.01	38	840	18	<5	<20	12	.01	<10	8	<10	<1	72
43	- L 98 E103 +75 N	5	<.2	1.74	15	4	65	<5 .14	<1	32	18	33	4.77	.05	20	.53	632	<1	<.01	44	920	22	5	<20	12	<.01	<10	10	<10	<1	105
44	- L 98 E104 +00 N	5	<.2	.94	55	8	40	<5 .74	<1	26	9	28	3.63	.02	10	.36	918	<1	<.01	41	860	30	5	<20	46	.01	<10	5	<10	11	76
45	- L 99 E 99 +25 E	<5	<.2	.29	10	6	50	<5 7.39	<1	6	6	15	1.04	.02	<10	.80	332	<1	<.01	10	710	10	5	<20	21	<.01	<10	5	<10	1	49
46	- L 99 E 99 +50 N	5	<.2	.59	15	6	65	<5 3.22	<1	14	15	22	2.20	.03	<10	1.06	654	<1	<.01	18	1290	22	5	<20	13	<.01	<10	10	<10	3	75
47	- L 99 E 99 +75 N	10	<.2	1.78	565	4	80	<5 .31	<1	26	55	37	5.02	<.01	10	.76	961	<1	<.01	28	1190	98	10	<20	16	.03	<10	31	<10	2	171
48	- L 99 E100 +00 N	<5	<.2	1.22	450	4	35	<5 .15	<1	20	42	29	4.97	<.01	10	.51	809	<1	<.01	19	880	90	5	<20	8	.04	<10	37	<10	<1	139
49	- L 99 E100 +50 N	<5	<.2	1.84	105	4	70	<5 .14	<1	23	32	25	4.67	.01	10	.59	1635	<1	<.01	24	1950	50	5	<20	9	.04	<10	24	<10	3	105
50	- L 99 E100 +75 N	<5	.2	.92	25	6	50	<5 3.71	<1	16	15	33	2.85	.03	10	1.21	656	<1	<.01	25	1280	30	5	<20	59	.01	<10	8	<10	9	97
51	- L 99 E101 +25 N	<5	.2	1.29	25	6	80	<5 .56	<1	20	17	31	3.94	.03	20	.51	1282	<1	<.01	28	1440	54	5	<20	19	.02	<10	11	<10	17	131
52	- L 99 E101 +50 N	<5	.4	2.57	10	6	60	<5 .89	<1	20	11	26	3.91	.04	20	.40	746	<1	<.01	27	720	52	5	<20	45	.04	<10	6	<10	20	108
53	- L 99 E101 +75 N	<5	.6	1.11	50	6	215	<5 .47	<1	39	36	57	4.55	.04	10	.77	4167	<1	<.01	74	1190	54	5	<20	22	.02	<10	15	<10	13	111
54	- L 99 E102 +00 N	<5	1.2	.66	20	6	70	<5 3.27	<1	16	8	31	2.89	.02	10	1.09	1052	<1	<.01	24	1090	46	5	<20	57	<.01	<10	4	<10	10	127
55	- L 99 E102 +25 E	<5	<.2	1.09	30	4	60	<5 .26	<1	19	19	27	4.10	.03	10	.49	384	<1	<.01	27	660	32	5	<20	13	<.01	<10	12	<10	<1	79
56	- L 99 E102 +50 N	<5	.2	1.04	35	6	85	<5 1.38	<1	24	18	33	4.12	.05	10	.87	1154	<1	<.01	31	990	48	5	<20	31	.02	<10	11	<10	11	104
57	- L 99 E102 +75 N	<5	<.2	1.04	35	2	55	<5 .16	<1	13	14	18	3.19	.02	10	.34	248	<1	<.01	19	470	22	<5	<20	9	.01	<10	16	<10	<1	69
58	- L 99 E103 +00 N	<5	.2	1.25	20	6	65	<5 .29	<1	25	18	37	4.68	.06	10	.49	1950	<1	<.01	36	1320	32	<5	<20	21	.02	<10	11	<10	15	98
59	- L 99 E103 +25 N	<5	<.2	1.14	25	6	40	<5 .25	<1	26	20	28	5.06	.03	20	.54	1206	<1	<.01	36	1130	26	5	<20	20	.02	<10	12	<10	13	75
60	- L 99 E103 +50 N	<5	<.2	1.06	35	6	40	<5 .63	<1	29	16	34	4.83	.03	10	.49	1169	<1	<.01	41	960	30	5	<20	44	.01	<10	8	<10	14	78
61	- L 99 E103 +75 N	<5	<.2	1.25	30	6	60	<5 .31	<1	22	21	32	4.22	.02	10	.58	535	<1	<.01	33	1030	46	5	<20	20	.01	<10	11	<10	5	111
62	- L 99 E104 +00 N	<5	<.2	1.28	20	4	40	<5 .47	<1	21	19	22	4.55	.03	10	.53	503	<1	<.01	30	750	28	5	<20	26	.01	<10	13	<10	7	99
63	- L 99 E104 +25 N	<5	<.2	1.15	25	6	45	<5 .52	<1	27	23	30	5.71	.03	20	.62	1057	<1	<.01	43	1530	28	5	<20	45	.01	<10	14	<10	19	82

ECO-TECH LABORATORIES LTD.

EQUINOX RESOURCES LTD. - ETK 91 - 435

PAGE 3

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU PB(%)	K(%)	LA NG(%)	MN	MO NA(%)	NI	P	PB	SB	SN	SR TI(%)	U	V	W	Y	Zn					
64	- L 99 E 104 +50 N	<5	<.2	.95	40	8	40	<.50	<1	28	8	34	6.23	.02	10	.31	932	<1	<.01	43	1380	38	5	<20	43	.01	<10	2	40	24	8
65	- L 99 E 104 +75 N	<5	<.2	1.50	25	6	45	<.36	<1	24	15	25	5.30	.02	10	.40	724	<1	<.01	40	1000	38	5	<20	29	.02	<10	10	<10	17	9
66	- L 99 E 105 +00 N	<5	<.2	1.11	30	6	45	<.66	<1	22	8	26	5.21	.05	10	.27	924	<1	<.01	37	1170	42	5	<20	58	.01	<10	5	<10	10	1
67	- 100 + 00 N 85 + 75E	<5	<.2	1.76	80	4	155	<.26	<1	23	13	25	4.72	.05	<10	.68	996	<1	<.01	16	590	20	5	<20	15	.06	<10	37	<10	<1	1
68	- 100 + 00 N 86 + 00E	35	.2	2.05	870	6	70	<.131	<1	40	4	96	5.92	<.01	<10	.50	382	1	<.01	11	1160	26	5	<20	40	.01	<10	16	<10	48	5
69	- 100 + 00 N 86 + 25E	<5	<.2	1.83	90	6	215	<.72	<1	52	3	50	7.05	.22	<10	.90	2763	<1	<.01	8	1540	22	10	<20	26	.09	<10	68	<10	3	1
70	- 100 + 00 N 86 + 50E	<5	<.2	1.80	85	6	90	<.15	<1	28	10	23	5.25	.06	<10	.75	713	<1	<.01	19	660	26	5	<20	9	.06	<10	74	<10	<1	1
71	- 100 + 00 N 86 + 75E	<5	<.2	2.82	70	6	200	<.36	<1	40	10	73	6.19	.20	<10	1.83	903	2	<.01	41	710	100	5	<20	14	.15	<10	279	<10	2	1
72	- 100 + 00 N 87 + 00E	<5	<.2	1.67	180	2	135	<.26	<1	17	15	26	3.53	<.01	10	.54	960	<1	<.01	22	620	36	<5	<20	13	.02	<10	49	<10	<1	1
73	- 100 + 00 N 87 + 25E	<5	<.2	2.87	65	6	105	<.39	<1	40	65	129	5.11	.04	<10	1.60	1292	<1	<.01	43	1240	36	5	<20	11	.09	<10	134	<10	<1	1
74	- 100 + 00 N 87 + 50E	<5	.4	1.65	245	4	190	<.22	<1	17	11	17	3.52	<.01	10	.28	384	<1	<.01	22	1020	72	<5	<20	17	.02	<10	23	<10	<1	1
75	- 100 + 00 N 87 + 75E	<5	.6	1.59	75	6	435	<.269	3	29	10	51	4.37	.05	20	.18	2576	12	<.01	129	9870	76	5	<20	23	.02	<10	21	<10	36	2
76	- 100 + 00 N 88 + 00E	<5	<.2	1.97	100	4	115	<.61	1	28	11	38	4.66	.03	10	.27	1694	9	<.01	97	2820	82	5	<20	15	.03	<10	29	<10	6	2
77	- 100 + 00 N 88 + 25E	<5	<.2	1.67	115	4	95	<.20	<1	28	21	35	4.80	.03	20	.62	639	2	<.01	52	1120	66	5	<20	12	.01	<10	46	<10	<1	2
78	- 100 + 00 N 88 + 50E	<5	.2	1.63	180	4	120	<.33	<1	34	23	34	4.82	.02	10	.68	1693	<1	<.01	35	1050	104	5	<20	19	.01	<10	58	<10	<1	2
79	- 100 + 00 N 90 + 25E	<5	.8	1.98	155	6	230	<.197	1	87	9	126	4.20	<.01	<10	.88	6178	<1	<.01	22	1070	14	5	<20	53	.02	<10	95	<10	2	15
80	- 100 + 00 N 90 + 50E	100	1.2	1.20	1320	4	210	<.30	<1	27	11	44	4.54	<.01	10	.33	2774	<1	<.01	21	1560	352	5	<20	29	.01	<10	15	<10	<1	30
81	- 100 + 00 N 90 + 75E	50	1.6	1.33	860	4	130	<.26	<1	21	9	29	3.84	<.01	10	.25	1125	<1	<.01	18	2100	326	35	<20	30	.02	<10	17	<10	<1	28
82	- 100 + 00 N 91 + 00E	<5	<.2	2.40	105	6	110	<.27	<1	18	14	21	3.96	.05	10	.37	692	<1	<.01	27	1880	52	5	<20	19	.05	<10	16	<10	2	1
83	- 100 + 00 N 91 + 25E	<5	.4	1.26	65	6	80	<.103	<1	22	11	25	3.76	.07	10	.40	1631	<1	<.01	29	880	58	5	<20	34	.02	<10	8	<10	7	13
84	- 100 + 00 N 91 + 50E	<5	.4	1.50	115	4	55	<.59	<1	31	14	28	4.62	.07	20	.45	1770	<1	<.01	33	1470	98	5	<20	17	.01	<10	10	<10	8	1
85	- 100 + 00 N 91 + 75E	<5	.2	1.82	245	4	85	<.17	<1	24	13	26	4.16	<.01	10	.41	905	<1	<.01	36	1010	36	5	<20	18	.05	<10	16	<10	<1	13
86	- 100 + 00 N 92 + 00E	<5	.2	1.12	120	4	55	<.16	<1	16	10	20	3.51	.02	10	.32	549	<1	<.01	21	1090	30	<5	<20	19	.03	<10	13	<10	<1	13
87	- 100 + 00 N 92 + 25E	<5	.6	2.04	635	4	275	<.25	<1	21	11	24	3.30	<.01	<10	.24	3012	<1	<.01	26	2410	42	<5	<20	27	.06	<10	17	<10	<1	14
88	- 100 + 00 N 92 + 50E	15	<.2	2.20	570	4	115	<.20	<1	21	11	13	3.75	<.01	<10	.26	364	<1	.01	20	3000	40	<5	<20	16	.04	<10	16	<10	<1	13
89	- 100 + 00 N 92 + 75E	<5	1.2	1.24	80	2	395	<.47	1	19	13	20	2.99	.07	10	.26	5041	<1	<.01	21	1080	30	<5	<20	30	.01	<10	18	<10	<1	14
90	- 100 + 00 N 93 + 00E	<5	.4	1.90	85	4	230	<.66	<1	18	16	20	3.64	.04	<10	.51	2888	<1	<.01	22	2190	42	5	<20	27	.05	<10	28	<10	1	13
91	- 100 + 00 N 93 + 25E	<5	.4	1.44	155	4	130	<.39	1	18	15	21	3.92	<.01	10	.29	2218	<1	<.01	19	2440	150	5	<20	21	.03	<10	23	<10	<1	23
92	- 100 + 00 N 93 + 50E	<5	.2	.67	25	8	95	<.265	<1	17	6	26	3.09	.04	10	.53	1125	<1	<.01	23	1160	42	5	<20	78	<.01	<10	2	<10	9	1
93	- 100 + 00 N 93 + 75E	<5	.2	.71	25	6	70	<.146	<1	20	7	29	3.55	.04	20	.53	1096	<1	<.01	31	950	48	5	<20	50	<.01	<10	3	<10	15	9
94	- 100 + 00 N 94 + 00E	<5	.4	.59	20	6	80	<.220	<1	18	5	24	2.83	.04	10	.73	1562	<1	<.01	22	1010	38	5	<20	49	<.01	<10	3	<10	10	1
95	- 100 + 00 N 94 + 25E	<5	.2	1.35	60	6	160	<.62	<1	25	18	24	4.58	.07	10	.40	1792	<1	<.01	27	1280	38	5	<20	27	.02	<10	28	<10	1	2
96	- 100 + 00 N 94 + 50E	<5	.2	1.75	90	4	155	<.26	<1	13	13	11	2.77	.02	<10	.30	1937	<1	<.01	18	1420	22	5	<20	12	.07	<10	19	<10	1	1
97	- 100 + 00 N 94 + 75E	<5	<.2	3.18	65	6	105	<.18	<1	15	12	14	3.10	.03	<10	.29	973	<1	<.01	19	2950	26	5	<20	11	.07	<10	13	<10	1	1
98	- 100 + 00 N 95 + 00E	<5	.4	1.54	70	4	235	<.43	<1	17	16	18	3.21	.04	10	.37	3598	<1	<.01	22	1210	20	<5	<20	19	.04	<10	27	<10	<1	13
99	- 100 + 00 N 95 + 25E	<5	.6	1.88	60	6	300	<.88	<1	24	16	30	3.81	.04	10	.47	4416	<1	<.01	22	3430	28	5	<20	32	.05	<10	27	<10	<1	13
100	- 100 + 00 N 95 + 50E	<5	.4	1.08	40	4	105	<.120	<1	23	9	21	3.39	.05	10	.70	2991	<1	<.01	27	850	28	5	<20	20	.01	<10	7	<10	4	8

SYMBOLS

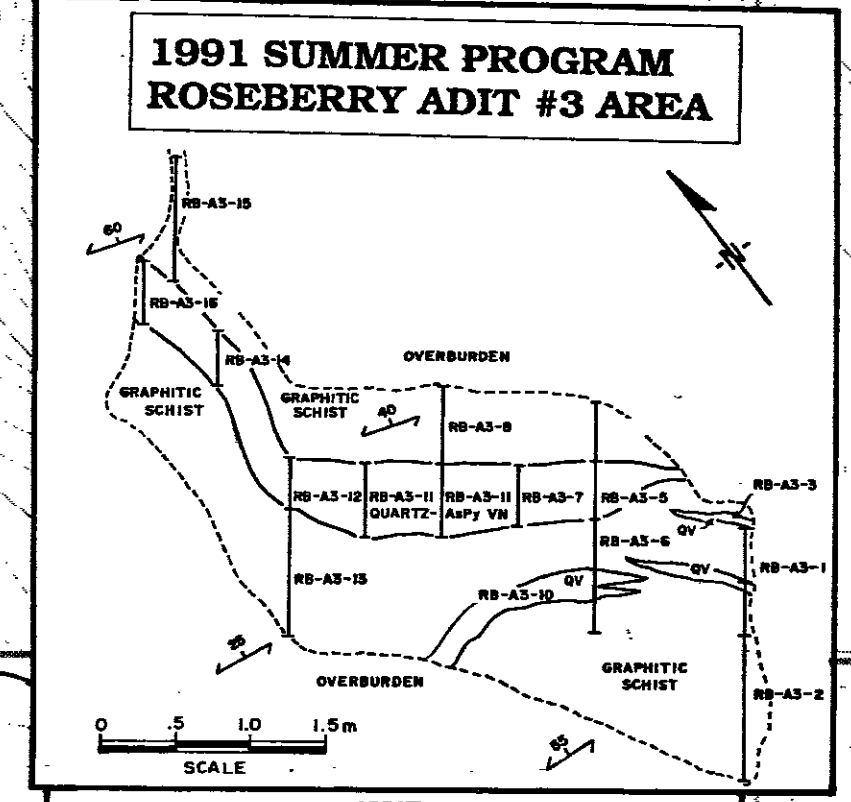
	Fault	graph	Graphite		Heliport
	Thrust Fault	qtz	Quartz		Adit
	Bedding	ch	Carbonate		Trench
	Foliation	chl	Chlorite		Outcrop
	Geological Contact	sl	Siliceous	X	Sample Location
	Gossan Zone	bl	Biotite		
		calo	Calcareous		
		am	amibaceous mafic		
		As	Arsenopyrite		
		Cpy	Chalcopyrite		
		Py	Pyrite		
		Po	Pyrrhotite		
		Sch	Schist		
		Vol	Volcanic		
		Zns	Sphalerite		
		Pbs	Galena		
Let	Limestone				
Otzite	Quartzite				
Phyll	Phyllite				
Sch	Schist				
Vol	Volcanic				
Dio	Diorite				

ASSAYS

Area	Loc.	Sample No.	Type	Width	As g/t	Ag g/t	Zn %	Pb %	As %	Cu %	Geology
SE slope of camp											
A-1-1	46351	0.6 m	0.03	46.97	7.52	4.13	0.13	0.08			Massive sulphide
A-1-1	46352	0.6 m	0.03	0.34	0.01	0.01	0.01	0.01			FW-Mu-Ch schist
A-1-1	46353	0.7 m	0.45	15.77	1.34	0.66	1.49	0.01			FW-Mu-Ch schist
A-1-1	46354	0.15 m	0.17	11.66	3.16	0.20	0.065	0.01			Sulphide Stringer
A-1-1	46355	0.15 m	0.72	10.97	1.74	0.18	1.80	0.01			FW-Mu-Ch schist
A-1-1	46356	0.08 m	0.24	6.17	1.16	0.14	1.00	0.03			Stringer
A-1-1	46357	0.20 m	0.03	1.63	0.07	0.26	0.07	0.01			FW-Mu-Ch schist
A-1	46358	0.08 m	0.34	6.86	0.11	0.08	2.11	0.01			Schist Fracture
A-1	46359	0.61 m	0.03	0.34	0.01	0.01	0.01	0.01			FW-Mu-Ch schist
A-2	46365	0.03	0.03	9.60	0.38	0.09	0.01	0.07			limestone
A-2	46366	grab	2.54	354.17	30.77	10.86	1.99	0.04			15 m sulph zone
A-2	46367	grab	0.03	1.71	0.15	0.05	0.01	0.01			pyllite/schist
A-2	46368	grab	0.03	2.74	0.17	0.07	0.01	0.02			qtz vein/sulphide
A-2	69	grab	0.03	1.02	0.01	0.01	0.01	0.01			qtz vein/sulphide
NW slope											
C-1	46376	grab	1.58	34.63	20.70	4.91	4.55	0.01			qtz-Mu-schist
C-2	46377	grab	0.03	1.37	0.02	0.01	0.01	0.04			graph-qtz schist py
C-3	46378	grab	0.03	1.71	0.07	0.04	0.01	0.02			graph schist py
C-4	46379	grab	0.03	3.43	0.02	0.06	0.01	0.02			Mu-Chi schist
C-5	46380	grab	0.03	0.68	0.02	0.01	0.02	0.02			Qtz vein Chl schist
C-6	46381	grab	0.03	0.30	0.01	0.01	0.01	0.01			Chl-Mu-schist
C-10	46382	grab	0.03	0.30	0.01	0.01	0.01	0.01			Qtz vein
C-11	46383	grab	0.03	1.02	0.01	0.01	0.01	0.01			graph schist
C-12	46384	grab	0.03	1.87	0.03	0.01	0.01	0.01			graph schist
C-13	46385	grab	0.03	16.45	0.25	0.15	0.01	0.43			Chl schist-oxidized
C-14	46386	grab	0.03	0.30	0.01	0.01	0.01	0.01			Mu schist-oxidized

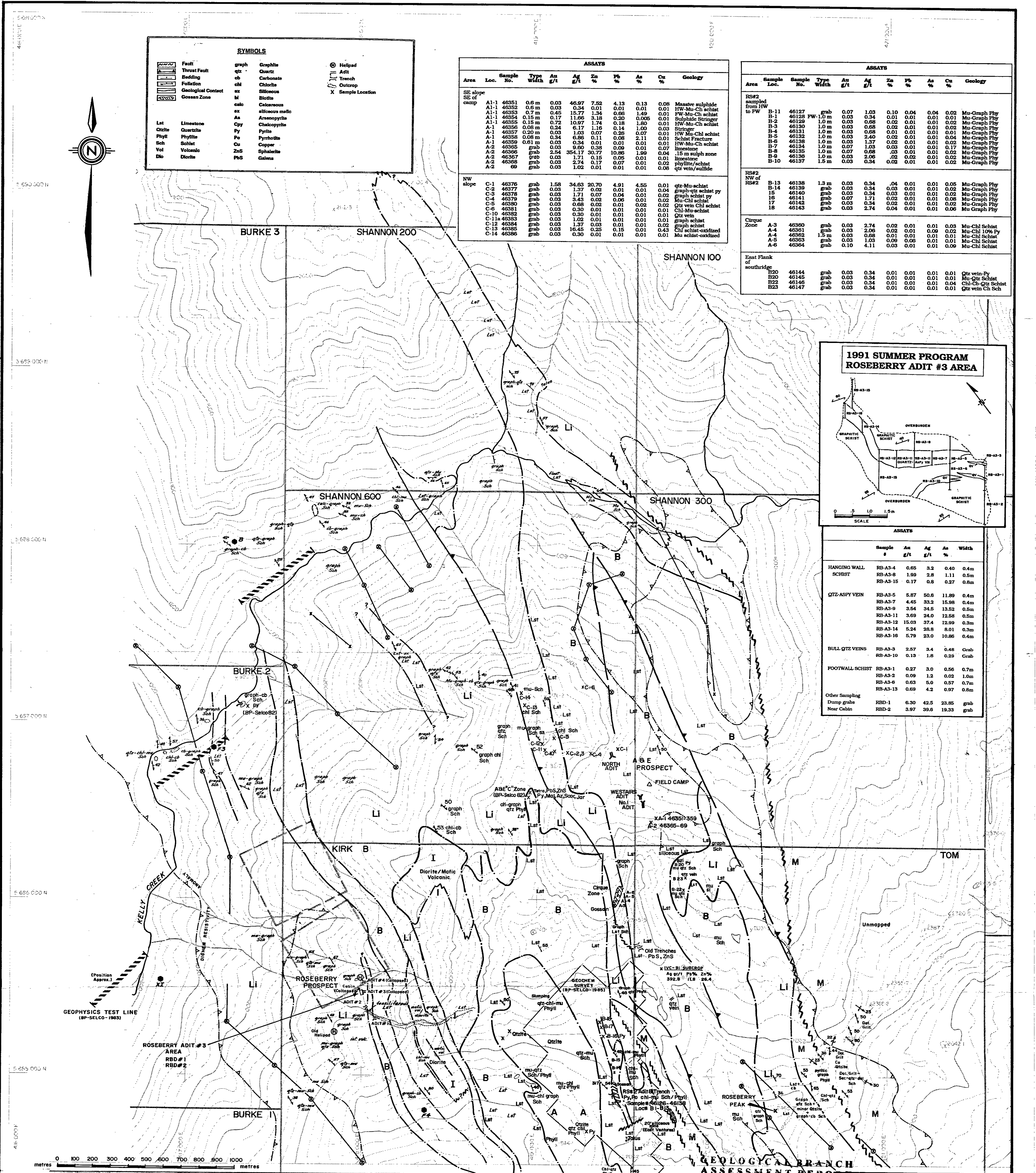
ASSAYS

Area	Sample Loc.	Sample No.	Type	Width	As g/t	Ag g/t	Zn %	Pb %	As %	Cu %	Geology
RS#2 scoured from HW to FW											
B-1	46127	grab	0.07	1.03	0.10	0.04	0.04	0.01	0.01	0.01	Mu-Graph Phyl
B-1	46128	FW-1.0 m	0.03	0.34	0.01	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-2	46129	1.0 m	0.03	0.68	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-3	46130	1.0 m	0.03	0.68	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-4	46131	1.0 m	0.03	0.68	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-5	46132	1.0 m	0.03	2.40	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-6	46133	1.0 m	0.03	1.37	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-7	46134	1.0 m	0.07	1.03	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-8	46135	1.0 m	0.07	0.68	0.03	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-9	46136	1.0 m	0.03	2.06	0.02	0.02	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-10	46137	1.5 m	0.03	0.34	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
RS#2 NW of RS#2											
B-13	46138	1.3 m	0.03	0.34	0.04	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-14	46139	grab	0.03	0.34	0.03	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-15	46140	grab	0.03	0.34	0.03	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-16	46141	grab	0.07	1.71	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-17	46142	grab	0.03	0.34	0.02	0.01	0.01	0.01	0.01	0.01	Mu-Graph Phyl
B-18	46143	grab	0.03	2.74	0.04	0.01	0.01	0.01	0.01	0.01	Mu Graph Phyl
Cirque Zone											
A-3	46360	grab	0.03	2.74	0.02	0.01	0.01	0.01	0.01	0.03	Mu-Chl Schist
A-4	46361	grab	0.03	2.06	0.02	0.01	0.01	0.01	0.01	0.02	Mu-Chl 10% Py
A-4	46362	1.5 m	0.03	0.68	0.01	0.01	0.01	0.01	0.01	0.01	Mu-Chl Schist
A-5	46363	grab	0.03	1.03	0.06	0.01	0.01	0.01	0.01	0.01	Mu-Chl Schist
A-6	46364	grab	0.10	4.11	0.03	0.01	0.01	0.01	0.01	0.09	Mu-Chl Schist
East Flank of southridge											
B20	46144	grab	0.03	0.34	0.01	0.01	0.01	0.01	0.01	0.01	Qtz vein-Py
B20	46145	grab	0.03	0.34	0.01	0.01	0.01	0.01	0.01	0.01	Mu-Chl Schist
B22	46146	grab	0.03	0.34	0.01	0.01	0.01	0.01	0.01	0.01	Chl-Ch-Qtz Schist
B23	46147	grab	0.03	0.34	0.01	0.01	0.01	0.01	0.01	0.01	Qtz vein Ch Sch



ASSAYS

	Sample #	As g/t	Ag g/t	As %	Width
HANGING WALL SCHIST	RB-AS-4	0.65	3.2	0.40	0.4m
	RB-AS-8	1.99	2.8	1.11	0.6m
	RB-AS-15	0.17	0.8	0.27	0.8m
QTZ-ASPY VEIN	RB-AS-5	5.87	50.6	11.89	0.4m
	RB-AS-7	4.45	33.2	15.98	0.4m
	RB-AS-9	3.54	34.5	13.52	0.5m
	RB-AS-11	3.69	24.0	12.58	0.5m
	RB-AS-12	15.03	37.4	12.99	0.3m
	RB-AS-14	5.24	28.8	8.01	0.3m
BULL QTZ VEINS	RB-AS-3	2.57	3.4	0.48	Grab
	RB-AS-10	0.13	1.8	0.29	Grab
FOOTWALL SCHIST	RB-AS-1	0.27	3.0	0.56	0.7m
	RB-AS-2	0.09	1.2	0.02	1.0m
	RB-AS-6	0.63	5.0	0.57	0.7m
	RB-AS-13	0.69	4.2	0.97	0.8m
Other Sampling	RBD-1	6.30	42.5	23.85	grab
	RBD-2	3.97	39.6	19.33	grab



LEGEND

GEOLOGY	GEOPHYSICS
I Undivided Intrusives	—▲— Dighem Resistivity - Low
Lardeau Group	—○— Dighem EM Anomaly
LI Lower Index Formation	● Questor EM Anomaly
Lu Upper Index Formation	—▲— Geophysics Testline
B Badshot Formation	
Hamill Group	
M Mohican Formation	
A Marsh Adams Formation	

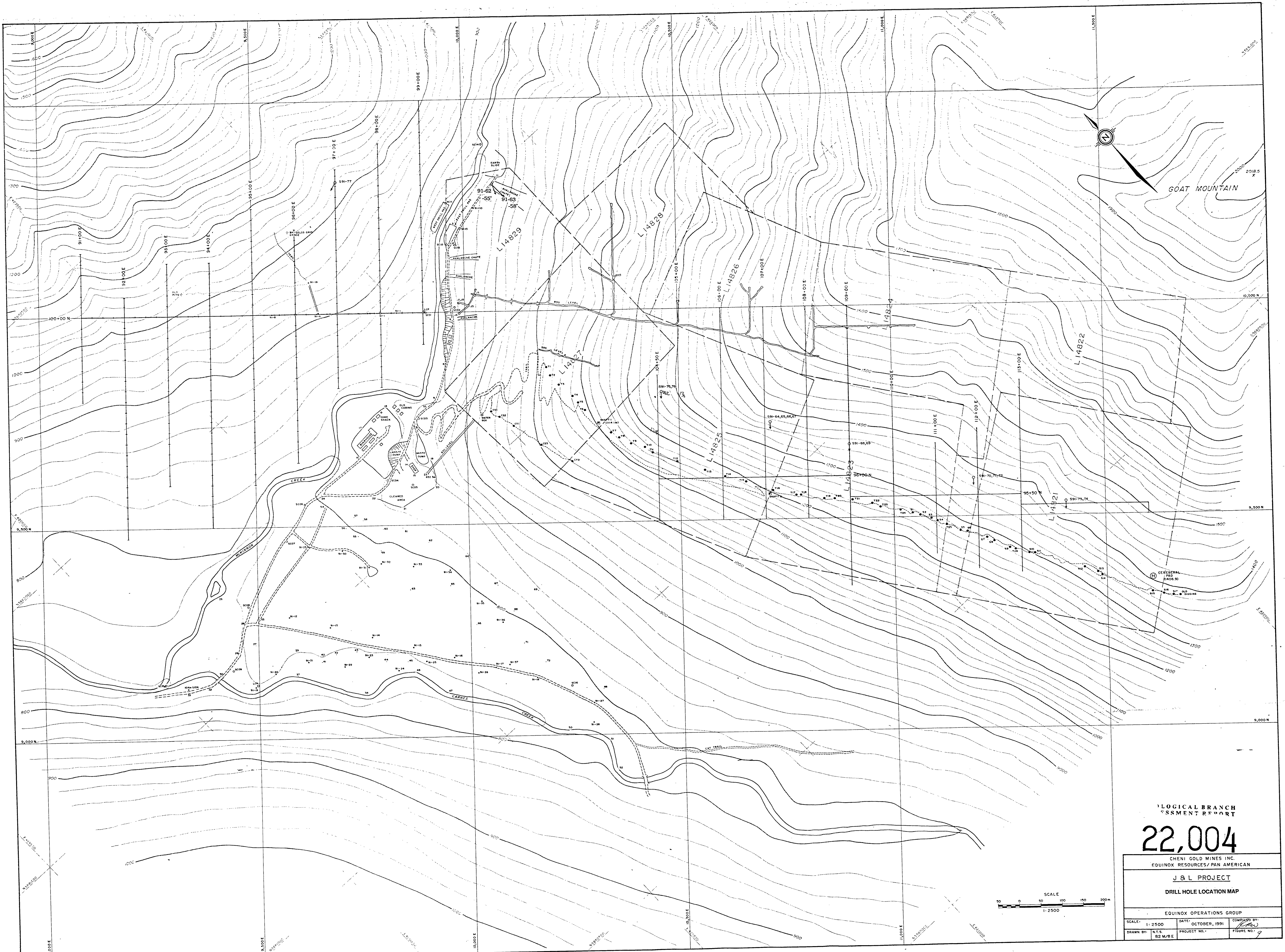
22,004

CHENI GOLD MINES INC.
EQUINOX RESOURCES / PAN AMERICAN

J&L PROJECT
A&E and ROSEBERRY ZONES
COMPILATION

EQUINOX OPERATIONS GROUP

Scale: 1:10,000	Date: Oct 1991	Fig. No.: 22,004
Proj.: 220	Drawn: RW/SF	



LOGICAL BRANCH
ASSESSMENT REPORT

22,004

CHENI GOLD MINES INC.
EQUINOX RESOURCES/PAN AMERICAN

J & L PROJECT
DRILL HOLE LOCATION MAP

EQUINOX OPERATIONS GROUP

SCALE: 1:2500	DATE: OCTOBER, 1991	COMPLETED BY: <i>[Signature]</i>
DRAWN BY: N.T.S. 02 M/E	PROJECT NO.:	FIGURE NO. 9

