ASSESSMENT REPORT

BE CLAIMS

Laird Mining Division

Mess Creek Area

NTS 1845 17 Steel 1046 7W

Latitude 57044Ft 18.3'

Longitude 131083E 54.3'

Owner: Utah Mines Ltd.

Operator: Chevron Canada Resources Limited

Authors: Wayne Hewgill Godfrey Walton

October 1986



ASSESSMENT REPORT

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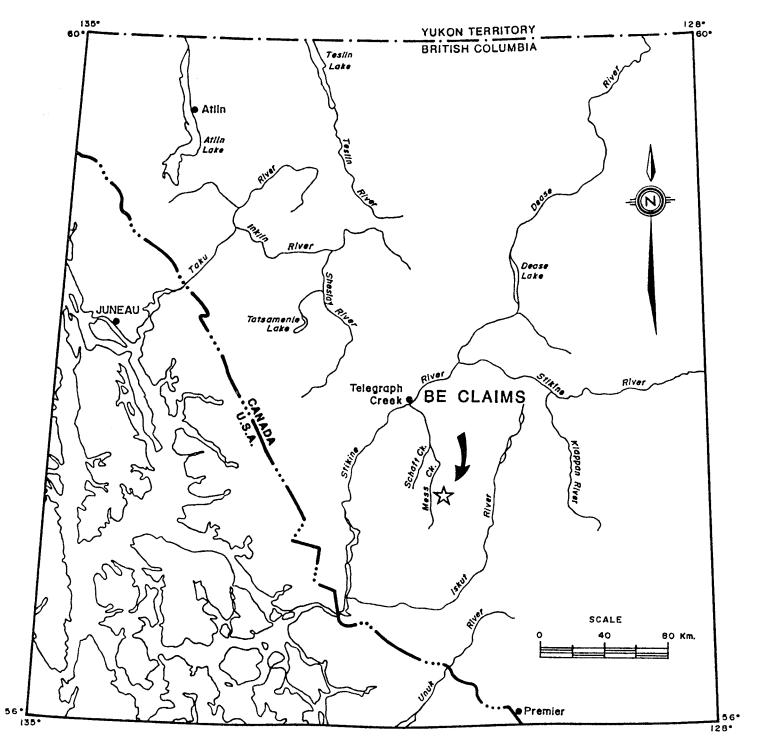
INTRODUCTION

The BE Property consisting of six 20 unit mineral claims is owned by Utah Mines Ltd. and was operated by Chevron Canada Resources Limited under an option agreement in 1986. Previous work on the property included geological mapping at 1:2,500 scale, geophysics (I.P., Mag), soil geochemistry and seventeen diamond drill holes totalling 2719 meters. The earlier work primarily tested the porphyry style copper-molybdenum potential with gold only being evaluated as late as 1982. The 1986 Chevron program evaluated the gold potential in two target areas (1) in the limestones and (2) in the breccia near the volcanic intrusive contact. The program consisted of reexamining drill core, prospecting and rehabilitating a detailed soil grid covering the area around two previously reported native gold showings.

LOCATION AND ACCESS

The BE Property is located in the Liard Mining Division of northwestern British Columbia. The properties are located on the east side of Mess Creek, 68 kilometers south of Telegraph Creek on the Stikine River. The NTS grid reference is 104G/7 and the coordinates are 57°14' north and 131°53' east.

Access from the base camp on Loon Lake could mainly be achieved on foot but a Northern Mountain Bell 206 helicopter was based in camp for more distant traverses. The nearest airstrip is at Schaft Creek, ten kilometers to the northwest, and is capable of handling moderately sized aircraft. The nearest road access is thirty eight kilometers through Raspberry Pass to the Stewart-Cassiar Highway.





LOCATION MAP BE CLAIMS

Figure 1

PHYSIOGRAPHY AND CLIMATE

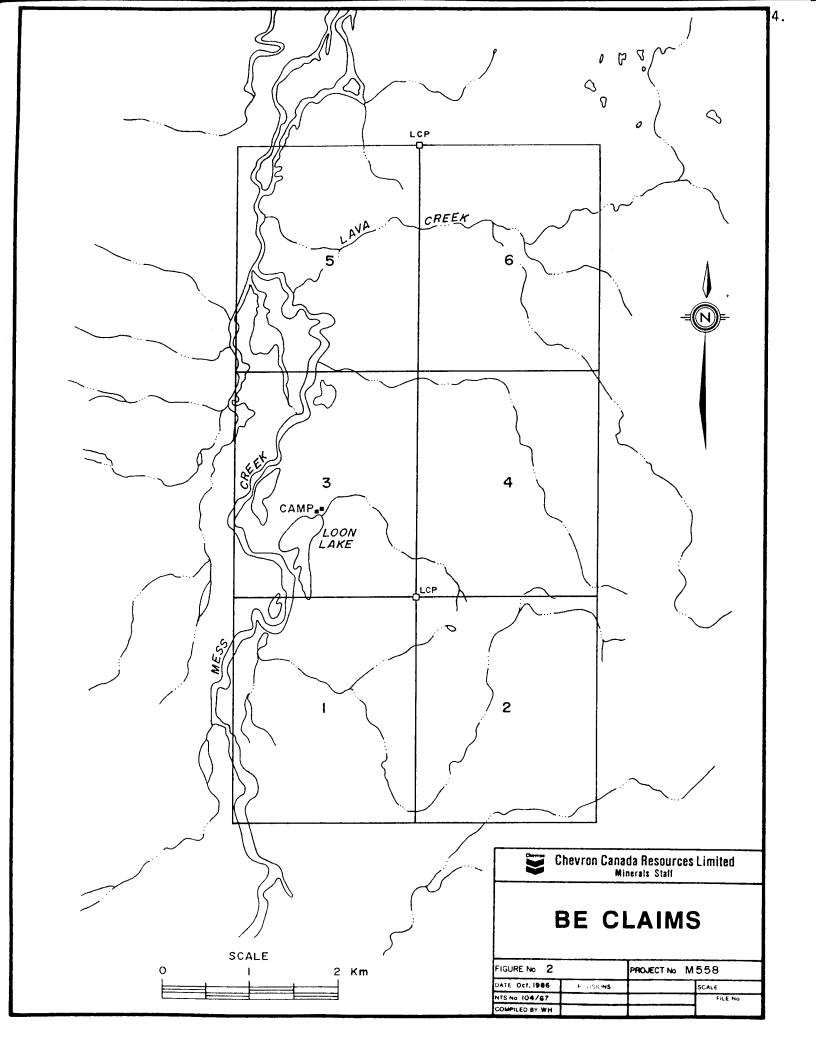
The elevation of the BE Property ranges from 730 meters in the Mess Creek valley to 1500 meters along the property's eastern boundary. The property is bounded by the rugged Coast Range Mountains to the west and the Spectrum Range to the east. The eastern portion of the property is hummocky alpine terrain with deeply dissected cliffs draining down into the flat swampy alluvium of Mess Creek. Thick forest predominate below the 1050 meter level with alpine meadows upwards towards the eastern claim boundary.

Records kept at Schaft Creek indicate a mean temperature during June, July and August of 13°C with winter temperatures seldom below -30°C. Precipitation averages about 50 cm per year much of which falls as snow. Snow cover is not heavy but can remain on the upper eastern portion of the property until mid-July.

CLAIM STATUS

The BE 1-6 claims were staked in 1977 by Utah Mines Ltd. and remain under their ownership. Each of the six claims consists of twenty units. A summary of their current status is contained in the following table:

<u>Claim</u>	Record No.	Record Date	No. of Units	Expiry Date
Be #1	473	September 1, 1977	20	September 1, 1993
Be #2	474	September 1, 1977	20	September 1, 1993
Be #3	475	September 1, 1977	20	September 1, 1993
Be #4	476	September 1, 1977	20	September 1, 1993
Be #5	477	September 1, 1977	20	September I, 1990
Be #6	478	September I, 1977	20	September 1, 1993



WORK SUMMARY AND HISTORY

The Mess Creek area received considerable attention from the 1950's to late 1970's as a copper prospect but little emphasis has been placed on the gold potential other than as a by-product. Newmont Mining Corporation and Silver Standard Mines conducted extensive regional exploration programs in the area with Silver Standard discovering the Schaft Creek porphyry copper deposit which has published reserves of one billion tons at 0.30% Cu, 0.034% MoS₂, 0.004 oz/t Au and 0.035 oz/t Ag (Canadian Mines Handbook 1986).

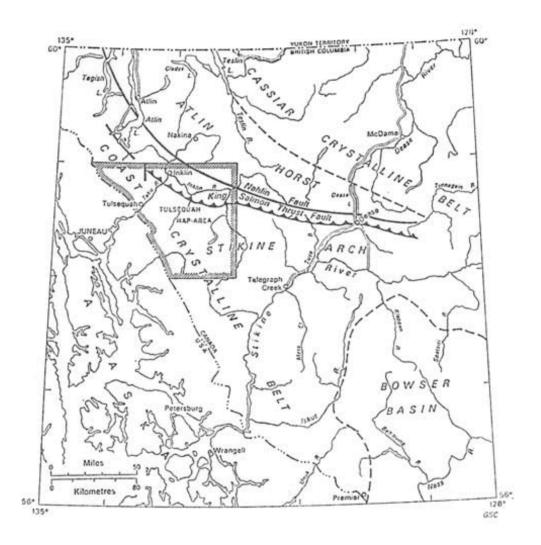
The ground covering the BE Property has been held by Newmont, Coin Canyon Mines Ltd., Caseka Resources Ltd., and Phelps Dodge Corp. before being staked as the May Group in 1976 by Utah Mines Ltd. Phelps Dodge conducted mapping, geophysics (ground mag), soil geochemistry programs and drilled four NQ diamond drill holes totalling 580 meters. These drill holes (RG 1-4) are stored with later core in the Utah core rack at the Loon Lake base camp.

In 1976 Utah established a 1:2,500 scale cut grid over most of the property which was used as a base for detailed mapping, soil geochemistry, an I.P. survey, as well as for tying in data from previous programs. In 1977 and 1982 an additional thirteen NQ diamond drill holes totalling 1,576 meters were drilled to test the anomalies outlined by the copper-moly soil geochem and the I.P. survey. In the winter of 1982, much of this core was analyzed for gold over five and twenty five meter intervals.

REGIONAL GEOLOGY

Tectonic Setting

The tectonic setting of the Telegraph Creek Map area is described in G.S.C. Paper 71-44 (Souther, 1972). The Mess Creek valley lies within the Stikine terrane



TECTONIC ELEMENTS IN NORTHWESTERN B. C.

(Souther, 1971)

Figure 3

13, App. 50

14, 57

15, Gost

16. Mary

LEGEND

QUATERNARY PLESTOCENE AND RECENT	TIGASSIC AND AVILASSIC POST-UPPER TRIASSIC PRE-LOWER JURASSIC
29 Huvistile gravel; sand, sili; glacial outwash, till, alpine moratae and colluctum	12 Syenite, erthoolage porphyry, monaconite, pyreacnite
	IIICKSIAN DATHOLITII
20 Hot-apring deposit, tufs , aregonite	and the state of t
27 Clivine basalt, related pyroclastic rocks and loose tephral younger than some of 29	10. Increased grandwarts, many normalization of the first light of the control of
TERTIARY AND QUATERMARY UPPER TERTIARY AND PLESTOGENS 10 Profits and decits flows, lava domes, pyroclastic rocks and related subvolcants intrusions; minor basalt 20 Result, cliving basalt, dacto-related pyroclastic rocks and subvolcants intrusions; minor rhyolite; is part younger than some 20	TRIASSIC UPPER TRIASSIC 9 Undifferentiated volcanto and codimentary rocks (units 5 to 8 inclusive) Augito-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related schroleanic intrusions; minor grownoke, alliance and polymicite conficmerate
CRETACEOUS AND TERTIARY UPPER CRETACEOUS AND LOWER TERTIARY SLONG GROUP	Silistone, thin-bedded silicoous silistone, ribben chert, calcarcous and delemicitie silistone, greywacks, volcanie configurate, and minor limestone Limestone, fetid argillaceous limestone, calcarcous shale and recfold
Light green, purple and white shyolite, trachyte and ductio flows, pyroclastic rocks and derived sediments	6 Ilmestone; may be in part younger than same 7 and 8
22, fitotite loucogranite, subvolcanio stocks, dykes and sills 23, Porphysitio biotite andesite, lava domes, flows and (7) sills	5 Greywacke, siltstone, shale; minor conglomorate, tuff and volcanic sandstone
SUSTUT GROUP	MIDDLE TRIASSIC
Chort-pebble conglomerate, granite-boulder conglomerate, quartrose sandstone, srkose, stitutone, carbonneous shale and mirer coal	4 Shale, concretionary black shale; minor calcarcous shale and slitetone
Felatie, quartz-feldspar perphyry, pyritiforous felatie, orbicular rhyelite; ta part equivalent to 22 19 Medium-to coarso-grained, pink biolite-hornblende quarts menzenite	PERMIAN MIDDLE AND UPPER PERMIAN Limestone, thick-bedded mainly bloclastic limestone; minor elitatone, chart and tuff
JURASSIC AND/OR CRETACEOUS POST-UPPER TRIASSIC PRE-TERTIARY ID Hornblands diorits	PERMIAN AND OLOER 2 Phyllite, argillaceous quartaite, quarta-scricite schist, chiorite sch
Granodforite, quarta diorite; minor diorite, lousogranite and migmaute	MISSISSIPPIAN Limestone, crimoidal (imestone, ferruginous limestone; marcon tuff, cheri and phyllite
JURASSIC MIDDLE (?) AND UPPER JURASSIC	Amphibolite, amphibolite gneles; age unknown probably pre-Upper Jurassic
DOWSER GROUP Chert-pubble conglomerate, grit, groywacke, subgroywacke, siltstone and shalo; may isolade some 13	A Ultramatic rocks; peridotite, dualte, expectialte; ego unknown, probably pre-Lower Jurasale
MIDDLE JURASSIC	Geological boundary (defined and approximate, assumed)
Dasait, pillew lava, tuff-breects, derived volcantelestic rocks and related subvolcante intrusions	Bodding (horizontal, inclined, vertical, overturned)
COURT AND ADDRESS OF THE COURT	Anticline
LOWER AND MIDDLE JURASSIC Sale, miner elitatone, silicous and calcarcous allistone, proyeacke and	Syncline
Lie Ironatone	Fault (defined and approximate, assumed)
LOWER JURASSIC	Thrust fault, teeth on hanging-wall side idefined and approximate, assumed)
Conglomerate, polymictic conglomerate; grantte-boulder conglomerate, grit, greywacke, siltatone; bosaltic and andesitic volcanic rocks, peperites,	Fessil locality
pillow-breecis and derived volcaniclastic rocks	#Unoral property15 x
8 3	Clector
	ENDEN TO MENERAL PROPERTIES

TELEGRAPH CREEK MAP AREA 104G (SOUTHER, 1972)

1. Liard Copper

7. Calore Creek

2. QC. QCA

4, Hsbe

6. Gordon

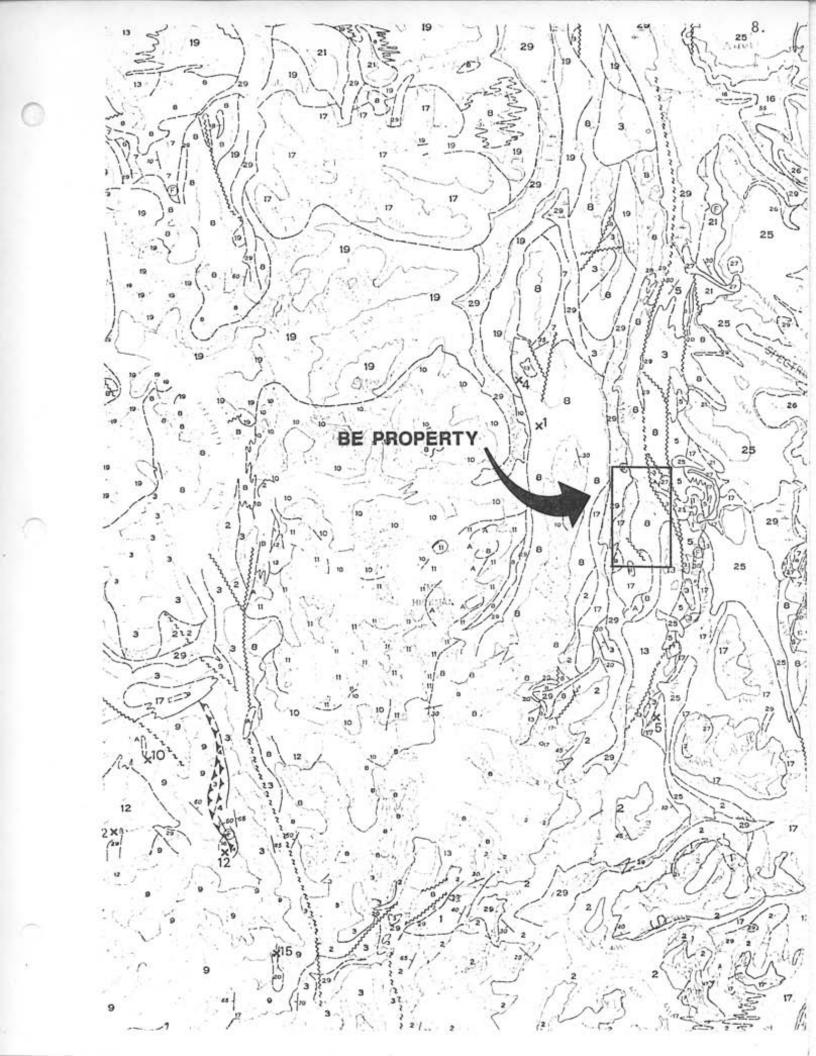
s. Pote

7. Limpote

10. DIK

tt. JW

12. Cupper Canyon



(Monger, 1984) which includes the Stikine Arch composed of crystalline and metamorphic rocks. It is believed that during the Mesozoic time the Stikine Arch was relatively static and had a strong influence on Mesozoic structures and sedimentation around its margins.

The Stikine Arch is bounded on the east and northeast by the Triassic-Jurassic Whitehorse trough of volcanics and clastic sediments and on the southeast by the Jurassic Bowser Basin. The Bowser Basin is a successor basin in which marine sedimentation continued through Jurassic time after marine sedimentation had ceased in the remainder of the area.

The most dominant structural trends in the region are the Tertiary north-south faults which produced the Mess Creek valley. The Tertiary normal fault movement occurred along the same fault surfaces as Mesozoic reverse faulting. Repeated movement along these Tertiary structures has resulted in a grabben structure of which the Mess Creek valley is the down-dropped section. The recent movement along this fault structure is recorded by the progressive overlapping of lavas from the Mount Edziza Complex.

Volcanic activity from the Mount Edziza Complex is believed to have occurred as late as a few hundred years while the latest fault movement is at least as old as the 1340 year old Arctic Lake Olivine Basalt (Souther, 1970).

Stratigraphy

The stratigraphy in the area has been broken down into six tectonostratigraphic packages and are listed by Souther (1971) as follows:

1. <u>Mississippian to Middle Triassic</u> - Carboniferous rocks that were deformed and regionally metamorphosed during the early to mid-Triassic, Tahltanian orogeny.

- 2. <u>Upper Triassic</u> Unmetamorphosed, moderately deformed Upper Triassic volcanic and sedimentary rocks. This package is separated from overlying strata by a disconformity representing the latest Triassic to earliest Jurassic Inklinian uplift and contemporaneous emplacement of granitic rocks (e.g. Hickman Batholith).
- 3. <u>Lower to Middle Jurassic</u> Mainly clastic sedimentary rocks derived in part from (2) above, and separated from overlying strata by a disconformity, representing the mid-Jurassic Nassian uplift.
- 4. <u>Middle to Upper Jurassic</u> Clastic sediments derived in part from 1, 2, and 3 above and separated from overlying strata by a profound angular unconformity that truncates decollement folds formed during the Columbian Orogeny.
- 5. <u>Cretaceous and Tertiary</u> Acid volcanic rocks and genetically related intrusions; and a contemporaneous clastic sediment separated from overlying strata by an angular unconformity related to early Tertiary extension and block faulting.
- 6. Late Tertiary and Quaternary Lava flows and pyroclastic rocks.

Intrusive Rocks

The earliest known intrusive activity in the area is the Post-Upper Triassic to Pre-Lower Jurassic Hickman batholith which outcrops at the north end of Schaft Creek. It is crudely zoned ranging from a hypidiomorphic biotite-hornblende quartz monzonite in the centre to a more quartz rich less mafic quartz diorite towards the perimeter.

A younger group of small equidimensional plutons occur throughout the area one of which is genetically associated with the Galore Creek orebody (Allen et al, 1976).

These rocks are commonly porphyritic with potash feldspar crystals up to 10 cm across in a fine grained matrix of orthoclase aegirine-augite and biotite.

A Jurassic and/or Cretaceous medium to coarse grained quartz monzonite occurs along the Mess Creek valley most notably on the steep cliffs on the west side of Mess Lake. A fine grained porphyritic to medium grained phase of this rock underlies a major portion of the BE Property. The rock is plagioclase feldspar porphyritic with a fine grained orthoclase matrix and chloritized mafic minerals.

Ultramafic rocks of undetermined age occur throughout the map ara. Most of these occurrences are small serpentinized units associated with fault structures. Northeast of Mount Hickman is an apparently unaltered dunite to peridodite body. At its exterior margin it is altered to a fine grained dark grey rock which is believed to be a contact metamorphic zone between the Hickman Batholith and the ultramafic rocks.

PROPERTY GEOLOGY

The BE Property has been mapped in detail (1:2,500) by Utah Mines Ltd. in 1977 and their map was used as a base map for prospecting by Chevron in 1986.

Lithologic Units

<u>Mississippian-Permian</u>: The oldest known rocks of the BE Property are the Paleozoic crinodial carbonates which form large yellow-orange gossanous cliffs in Lava Creek towards the northeast corner of the claim group. Within the dolomitized carbonates are pale buff coloured chert layers up to one meter thick.

<u>Upper Triassic:</u> In Lava Creek the Paleozoic carbonate/chert package is in fault contact with the Upper Triassic volcanic rocks that underlie most of the BE Property. The volcanic sequence is mainly fine grained, thinly laminated andesitic tuffs, lapilli tuffs and porphyritic flows. The volcanic rocks examined in drill core are often bleached (feldspathized?) to a buff or pale green colour and are locally brecciated and/or silicified. This rock also occurs as xenoliths within the monzonite. Graphitic black siltstone, greywacke, and possible chert are interbedded with the volcanic rocks. These clastic rocks were only seen in DDH-10 which is on the plateau above Mess Creek. They are probably near the top of the stratigraphic section.

Late Upper Triassic - Lower Jurassic

Intruding the volcanic assemblage is a series of latite porphyry and monzonite intrusives. The intrusions vary from a pinkish-orange fine grained, feldspar porphyritic latite to a medium coarse grained monzonite. The plagioclase phenocrysts are white to pale pink in an orange-pink potassium feldspar matrix. Chloritized mafic minerals comprise up to 10% of the rock. Pyrite is the main sulphide present and ranges up to 10-15%. Chalcopyrite, chalcosite and magnetite occur in amounts generally less than 1%. Abundant quartz and ankerite veins crosscut the rock and are often associated with sulphide rich areas.

Lower Jurassic

The volcanic and intrusive rocks on the eastern edge of the property are unconformably overlain by a sequence of conglomerates and sandstones. The primarily volcanic cobbles are rounded to subrounded with a moderately sorted sandy matrix.

Tertiary

Tertiary volcanic intrusions and flows originating from the Mount Edziza complex to the east occur in the northeastern portion of the property. A fresh basaltic flow eminating from an uneroded cinder cone extends down Lava Creek to the carbonate cliffs.

Quaternary

Glacial-fluvial sediments have filled a broad area of the Mess Creek valley forming a wide flood plan of meandering streams on the western edge of the property.

Structure

Although not seen in outcrop, the north-south Mess Creek fault is the most significant structure on the property. It is speculated to occur on the western edge of the property outlining the down-dropped section of a Tertiary grabben.

Complex minor faults occur along the western edge of the property and are believed to be related to the Mess Creek Fault system. The most significant of these is the "Camp Fault" trending 030° and extending from the south end of Loon Lake to the volcanic/carbonate fault contact in Lava Creek. These faults appear to be related to the monzonite intrusions that are associated with the copper and gold mineralization.

Alteration

Previous reports by Utah Mines (Holland 1982 and Clouthier 1978) describes in some detail the porphyry style alteration occurring on the BE Property. The alteration studied by Chevron focused on silica replacement associated with potentially auriferous fault structures. Observations are mainly from re-examination of drill core. The volcanic tuffs are locally bleached (feldspathized?) and sericitized to a pale green to buff colour with chloritic alteration of mafic minerals. The tuffs are mostly highly altered adjacent to the fine latite porphyry stockworks.

Shear zones in the tuffs are often serpentinized and strongly magnetic. Abundant crosscutting quartz ankerite veins are associated with pyrite and chalcopyrite.

Mineralization

Sulphide mineralization appears to be related to the monzonite intrusives. Mineralization, mainly in the form of pyrite, extends well into the andesitic country rock but is greatest within a few meters of the contact.

The pyrite occurs in the monzonite, mainly as disseminations, stringers and in association with quartz veins. Chalcopyrite, chalcosite, molybdenite, magnetite and hematite occur in minor amounts. Weathered outcrops are limonitic with malacite staining associated with sulphide rich areas.

In the andesites pyrite content is as high as 10–15% in brecciated areas and areas with abundant quartz stringers.

Tetrahedrite occurs in association with ankerite veins in quartz monzonite on the eastern edge of the property. The weathered surface of the trench has malacite/auzurite staining. Anomalous gold and silver values in Utah's 1982 soil program may be related to this system, but outcrop in the area is sparse limiting surface evaluation. Tetrahedrite with malacite/auzurite also occurs locally in the limestone cliffs in Lava Creek.

ROCK AND SOIL GEOCHEMISTRY

A total of 72 rocks and 160 soils were taken in 1986 during the course of prospecting areas of interest noted by previous workers. Included in these samples were 141 soils taken on a detailed soil grid covering the area of reported native gold showings.

B horizon soil samples at a depth of 10-30 cm were collected with a mattack, placed in kraft wet strength soil bags and air dried before shipment to Chemex Labs in North Vancouver. On talus slopes talus fines were collected and treated as rocks. Early samples were analyzed for Au, Ag, As and Sb. Subsequent samples were analyzed for Au, Ag, As, Sb, Cu, Mo, Pb, Zn, Tl, Bl, Ga, and Cd as outlined in Appendix B.

The detailed soil grid incorporated grid lines previously cut by Utah in 1977. The grid remains in generally good condition, but some confusion occurred encountering earlier grid lines. Line spacings are 60 meters (200 ft.) and samples were taken at 50 meter intervals.

Results

Results of the surface geochem program were often high grade but erratic. The high grade gold values are associated with sulphide rich areas along the volcanic-monzonite contact. One such selective grab samples (EW-386), taken southeast of Loon Lake, assayed 0.316 oz/ton gold. Other similarly altered rocks in the area of the reported native gold showings returned values up to 1100 ppb Au. An intensely clay altered volcanic breccia 400 meters south of the previously mentioned showing has a gold content of 4800 ppb.

The detailed soil grid covering the reported native gold showings returned several values greater than 100 ppb gold with values as high as 600 and 1400 ppb gold. The anomalous gold values, although erratic, follow a trend parallel to the camp fault and the latite porphyry dykes emplaced into the volcanics. This trend is also outlined by the copper-molybdenum soil geochem. None of the other nine elements have any apparent relationship with the gold mineralization.

Two separate tetrahedrite showings returned high silver values with low to moderate gold. An old trench on the eastern edge of the property, with ankerite veins in monzonite, returned results of greater than 100 ppm silver, greater than 1% copper and 110 ppb gold.

DRILL CORE GEOCHEM

Seventeen NQ diamond drill holes have been drilled on the BE property between 1972 and 1982. The holes were sited to test copper soil anomalies and a coincedent I.P. anomaly along the camp fault.

A program of resampling all core to obtain average gold values for each rock type and define high grade zones was carried out on the core. A total of 54 samples from the split core were taken for analysis. These samples, averaging 1.5 meters in length, included specimens of all recognized lithologies, all the material that contained significant gold values from previous assay programs and new zones identified as being prosective.

Results

Precious metal mineralization in the BE core is scattered and low grade. The anomalous values occur in both pyritic volcanic and intrusive rocks adjacent to the contact. Gold values up to 3100 ppb were obtained in bleached tuff but gold values are generally less than 1000 ppb.

DDH-10 tested an area on the east edge of the property adjacent to the tetrahedrite showing in ankerite veins. Anomalous values were obtained in both gold and silver with gold up to 4700 ppb and silver 30 ppm over 1.5 meters.

CONCLUSIONS AND RECOMMENDATIONS

Mineralization on the BE Property occurs primarily adjacent to and within Jurassic and/or Cretaceous monzonite porphyries that have intruded Upper Triassic andesitic volcanics. These intrustions were emplaced along faults probably related to the Mess Creek Fault System. The focus of the Chevron exploration program in this area was the brecciated and silicified volcanics associated with these faults. Elsewhere on the property a limestone/volcanic fault boundary was also evaluated for a replacement type gold deposit.

Although some high gold assays were obtained on the BE Property, values are generally erratic. The highest grades occur mainly adjacent to the monzonite in altered volcanic rocks containing chalcopyrite and malacite. Mineralization along the limestone/volcanic contact is limited to local argentiferous tetrahedrite showings.

Our 1986 reevaluation and exploration of the BE Property failed to delineate significant gold mineralization. It is, therefore, recommended that no further work be carried out at this time by Chevron on the BE Property presently owned by Utah Mines Ltd.

REFERENCES

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STATEMENT OF COSTS

BE 1, 2, 3, 5, 6

(A) Personnel

` '				
		Field Day	Office days	
	G. Walton		5	
	E. Titley W. Hewgill	21 15	15	
	J. MacRae G. Wober	17 <u>16</u>		
		80	20	
	80 Field days @ \$150/day 20 Office days @ \$150/day			\$12,000. 2,700.
(B)	Camp and Food Supplies			
	80 man days @ \$60/man day			4,800.
(C)	Helicopter			
	\$560/hr including fuel x 12 hr	rs.		6,720.
(D)	Drafting			
	20 days @ \$150/day			3,000.
(E)	Geochemistry			
	Rock and Soil analyzed for A Mo, Pb, Zn, Tl, Bi, Ga Cd		Cu Analysis Shipment	5,000. 4,000.
(F)	Plane fare from Vancouver			
	\$600/person - 6 people (5 fiel	ld, I cook) 50%	pro-rated	1,800.
		TOTAL		\$40,020.

STATEMENT OF COSTS

<u>BE 4</u>

(A)	Personnel	Field Day	Office days		
		r icia bay	Office days		
	G. Walton	2	1		
	E. Titley W. Hewgill	2 3 3 3 3	2		
	J. MacRae	3			
	G. Wober	3			
		14	3		
	14 Field days @ \$150/day 3 Office days @ \$150/day			\$	2,100. 450.
(B)	Camp and Food Supplies				
	14 man days @ \$60/man day				840.
(C)	Helicopter				
	I hr. @ \$550/hr. including fu	el			550.
(D)	Drafting				
	2 days @ \$150/day				300.
(E)	Geochemistry				
	Rock and Soil analyzed for A Mo, Pb, Zn, Tl, Bi, Ga Cd		J		757.85
		TOTAL		<u>\$4</u>	,997.85

STATEMENT OF QUALIFICATIONS

I, Wayne Hewgill, have worked in the mineral exploration industry since 1983.

I graduated in 1985 with a B.Sc. (Majors) from the University of British

Columbia. I presently work for Chevron Canada Resources Limited and have
done so on a seasonal basis since 1983.

WAYNE HEWGILL

22.

STATEMENT OF QUALIFICATIONS

I, Godfrey Walton, have worked as a geologist since 1974 in Alberta, British Columbia, Yukon, Northwest Territories and Ontario. I graduated in 1974 with a B.Sc. (Hons) degree from the University of Alberta and was awarded a M.Sc. degree from Queens University in January 1978. I have been employed by Chevron on a permanent basis since 1976.

I am a member in good standing with the Canadian Institute of Mining and Metallurgy, the Society of Exploration Geochemists and the Mineralogical Association of Canada.

I supervised and carried out the work on the BE Claims.

CODEREY WALTON

APPENDIX A

BE CORE

SUMMARY OF RELOGGING AND RESAMPLING

DDH	Claim	Total Depth	Number of Chevron Samples	Number	Date Relogged
RG-I	BE-3	188.1	0	-	July 9, 1986
RG-2	BE-3	149.7	0	-	11
RG-3	BE-3	108.2	3	ET6M1-177 to 179	11
RG-4	BE-3	117.3	0	-	11
BC-5	BE-3	222.5	0	-	July 8, 1986
BC-6	BE-3	153.9	2	ET6M1-175 to 176	11
BC-7	BE-3	190.5	1	ET6M1-174	n
BC-8	BE-3	184.4	0	-	11
BC-9	BE-3	181.4	4	ET6M1-170 to 173	July 7 & 8, 1986
BC-10	BE-4	147.9	12	ET6MI-149 to 151, 181 ET6MI-156 to 159, 166 to 169	July 3 & 7, 1986
BC-11	BE-3	145.4	0	-	July 3, 1986
BC-12	BE-3	203.3	0	-	July 3, 1986
BC-13	BE-3	154.5	5	ET6M1-125 to 129	June 22 & July 2, 1986
BC-14	BE-3	150.3	19	ET6M1-130 to 148	July 2 & 3, 1986
BC-15	BE-5	152.4	8	ET6M1-180 WH6M1-132 to 138	July 10, 1986 E.T. July 2, 1986 W.H.
BC-16	BE-3	117.7	0	-	July 8, 1986
BC-17	BE-3	<u>151.5</u>	<u>0</u>		July 8, 1986
TOTAL	-	2719.0 r	n 54 Sampl	es	

PROPERTY BE	HOLE No. RG-1
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DIP TEST							
Angle							
Reading	Corrected						
-45°							
}							
	An Reading						

Hole No. RG-1 Sheet No. 1	Lat	Total Depth	188.1
Section	Dep.	-	E.D. Titley
Date Begun July 9, 1986			
Date Finished July 9, 1986			NQ14 & 15

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 5.3	OVERBURDEN	No Samples	3			
5.8 - 33.7	TUFF (ANDESITIC?)					
	- fine grained, medium green, locally bleached, brecciated					
	and altered. Occasional banding, some pyroclastics. A few					
	monzonite stringers.					
	- 1% ankerite veining, 0.3% calcite veinlets.					
	- 5% chlorite, blebs and hairline fractures 0.01% qtz. veins.		MALLER WILLIAM			
	- 1% f. gr. subhedtral pyrite, disseminated and in veinlets.					
	0.1% disseminated chalcopyrite.					
	- 0.1% limonitic fractures. 0.3% hematite veinlets.					
	- 0.3-1% magnetite in local concentrations.					
33.7 - 39.9	MONZONITE					
	- medium to coarse grained, porphyritic, orange-pink.					
	Phenocrysts are pale pink to white feldspar in a darker					
	orange pink, fine grained matrix of alkali feldspar. Some					
	phenocrysts are sub-angular in appearance. Quartz is					
	minor up to 5% dark green chlorite in veinlets and					
	replacing some minerals.					
	- 1% white to rusty ankerite veinlets.			-	 	
	- occasional tuff xenoliths. 0.03% qtz. veins.					
	- 0.3% f.gr. pyrite in veinlets.					

BE PROPERTY

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HULE	140.	

	DIP TEST				
	Angle				
Footage	age Reading Correcte				
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Hole No. RG-1 Sheet No. 2	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
33.7-39.9 (cont'd)	- 0.1% chalcopyrite in local concentrations.					
39.9-100.4	TUFF			 		
	- similar to 5.8-33.7 m.					
	84-86.5 m f.gr. dark green, massive, possibly an intrusive.				-	
	98.5-99.7 m monzonite stringer.					
100.4-106.5	MONZONITE					
	- similar to 33.7-39.9 m. fine to m.gr. non-porphyritic.					
106.5-109.8	TUFF					
	- similar to 5.8-33.7 m.					
	- 2.5% qtz veins. Local concentrations up to 2.5% pyrite.					
109.8-118.8	MONZONITE					
	- similar to 33.7-39.9 m. mostly m.gr.					
118.8-145.4	TUFF					
4	- similar to 5.8-33.7 m.					
	123 m: Monzonite stringer 0.7 m wide.					
	142 m: Monzonite stringer 1.0 m wide, c.gr. porph.					
	144.5 m: Monzonite stringer 0.4 m wide, m.gr.					
145.4-156.3	MONZONITE					
	- similar to 33.7-39.9 mostly m.gr., tuff xenoliths fairly					-
<u> </u>	abundant.					
	- strongly sheared from 153-156.3 m.		, ,			

ΒE RG-I HOLE No. PROPERTY DIP TEST Angle RG-1 Sheet No. 3 Reading Corrected Lat..... Footage Total Depth..... Section.... Dep.____ Logged By..... Date Begun..... Bearing Claim _____ Date Finished Elev. Collar Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
156.3-161.7	TUFF					
	- similar to 5.8-33.7 m.					
	158.2 m: Monzonite stringer, 0.3 m wide, m.gr.					
161-7-188.1	MONZONITE					
	- similar to 33.7-39.9 m, m.gr., abundant tuff xenoliths. Some					
	grey c.gr. porphyry.					
161.7-188.1	- 0.3% cpy. 0.03% MoS ₂ .					
188.1	END OF HOLE					
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PROPERTY

		RG-2
HOLE	No.	

	DIP TEST						
	gle						
Footage	Reading	Corrected					
Ø	47°						
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Hole No. RG-2 Sheet No. 1	Lat	Total Depth	149.7 m E.D. Titley
Section	Dep	Logged By	E.D. Titley
Date Begun July 9, 1986			BE-3
Date Finished July 9, 1986			

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-16.5	OVERBURDEN					
16.5-82.4	TUFF					
	- f.gr., dark green, locally bleached, bx'd and alt'd.					
W-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Occasional pyroclastics.			····		
	- 2.5% white to rusty ank. veins.					
	- 1% f.gr. py. dissem. and in veinlets. Tr. cpy.					
	- 5% chlorite, 1% hem., 1% lim.					
	0.3-1% magnetite.				 	
	- rock is moderately sheared and fractured.					
	73.3-73.7, 743-74.6 m: Monzonite stringers, m.gr., orange					
	pink.			 		
82.4-86.9	MONZONITE					
	- m.gr. to c.gr., orange pink, locally porphyritic.					
	- 5% chlorite blebs and veinlets, occasional tuff xenoliths.					
	- 1% ank. veins.					
	- 0.3-1% f.gr. py. dissem. or veinlets.					ļ
86.9-88.9	TUFF					
	- similar to 16.5-82.4 m. lower contact between boxes,					
	footage blocks unreadable, something missing?					ļ. <u>-</u>
Section 1						

BE PROPERTY

HOLE	NI.	RG-2
HOLE	140.	***************************************

	DIP TEST	
	An	gle
Footage	e Reading Corrected	Corrected
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Hole No. RG-2 Sheet No. 2	Lat	Total Depth
Section		Logged By
Date Begun	Bearing	Claim
Date Finished.	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
88.9-94.5	MONZONITE						
	- similar to 82.4-86.9 m, some rubbly core			79			
	- contact also at box end!			1		1	
	Box 14, 15 & 16 may have been						
	mislabelled and blocked?						
94.5-99.2	TUFF ·						
	- similar to 16.5-82.4 m.						
99.2-100.3	MONZONITE						
	- similar to 82.4-86.9 m.						1
100.3-102.6	TUFF			,			
	- similar to 16.5–82.4 m, several monzonite stringers.						
102.6-103.4	MONZONITE						
	- similar to 82.4–86.9 m.						
103.4-124.1	TUFF						
	- similar to 16.5-82.4 m.				<u> </u>		
	117-122 m: strongly bleached and bx'd with 5% ank.						
	stockwork.						
124-129.1	MONZONITE						
	- Similar to 82.4-86.9 m, mostly m.gr., several tuff xenoliths.						
129.1-149.7	TUFF						
Agaza and	- similar to 16.5-82.4 m, some f.gr. massive sections.						
149.7	END OF HOLE				<u> </u>		1

PROPERTY BE	TIOLE INC	RG-3

	DIP TEST	
	An	gle
Footage	Reading	Corrected
Ø	-45°	
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Hole No. RG-3 Sheet No. 1	Lot.	Total Depth	108.2 m
Section	Dep	Logged By	E.D. Titley
Date Begun July 9, 1986		Claim	BE-3
Date Finished July 9, 1986	_		

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-15-5	OVERBURDEN					
15.5-22.2	MONZONITE with TUFF XENOLITHS.				<u> </u>	
	- pale grey to pale orange pink, m.gr. monz. w/grey green,					
	bleached, bx'd and altered tuff xenoliths.					
	- 2.5% ank. veinlets.					
	- 1% py. f.gr. dissem. and in veinlets					
	- 5% chlorite blebs. Rock is moderately sheared.					
	- from 27-32.2 m: Monzonite is more typically orange pink,					
	m.gr. to f.gr. porphyritic variety with fewer tuff xenoliths.					
32.2-33.3	MONZONITE(?)					
	- pale grey, c.gr., porphyritic (looks similar to syenodiorite in					
	BC-10) possibly bleached monzonite.					
	- 1% f.gr. py. dissem and in veinlets. 1% ank. veinlets.					
	- 5% chloritic blebs, 0.1% cpy, tr. MoS ₂ .					
	- 2.5% ank. veins.					
	- did not succed in staining this rock with sodium					
	cobaltinitrate (HF etch), K-spar??					
39.3-47.6	TUFF					
	- f.gr., dk. green, locally bleached, bx'd and altered.					
	- 5% chlorite blebs and veinlets					
	- 5% ank. veinlets, 0.3% quartz veins locally form stockwork.					

BE PROPERTY

DIP TEST

HOLE No.

	Angle								
Footage	Reading	Corrected	Hole No. RG-3 Sheet No. 2	Lot		Tota	al Depth		
			Section	Dep		Log	ged By	·····	,
			Date Begun	Bearing		Clai	im	••	
			Date Finished	Elev. Collar		Core	e Size		
L	<u></u>								
DEPTH (m))		DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	<u> </u>			
39.3-47.6	- 0.3%	f.gr. py. d	issem.						
Cont'd)	- 0.039	% сру . 0 . 39	6 lim.						
	- 42.5	m: qtz.ar	k. veins with py and cpy.						
17.6-108.2	MONZ	ONITE(?)							
	- simil	ar to 32 . 2-	39.3 m.						
	- occa	sionally pa	le orange-pink.						
	- local	core of 2.	5% py. in stockwork of ank. veins, w/qtz. ar	d					
	sider	ite?							
	84.4-	85 , 5 m: bi	reccia fragments of grey monzonite in a						
	calc-	qtziron	carbonate (siderite?) stockwork.						
	- 2.5%	py. fractu	re filling, cubes up to 4 mm.						
08.2	END O	HOLE							
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PROPERTY.	

		RG-4
HOLE	No.	

	DIP TEST	
	An	gle
Footage	Reading	Corrected
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Hole No. RG-4 Sheet No. 1	Lat	Total Depth 117.3	
Section	Dep	Logged By E.D. Titley	<u>/</u>
Date Begun	Bearing 123°	ClaimBE	
Date Finished		Core SizeNQ15	

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-7	OVERBURDEN					1
7-31.0	MONZONITE			 		
	- orange-pink, m.gr. to c.gr. porphyritic with occasional tuff					ļ
	xenoliths.			 		
	- 0.3% f.gr. py. dissem and in veinlets.			 		
	- 1% ank. veins, 0.1% qtz veins.					
31.0-33.5	TUFF			 		
	- f.gr. dk. green, probably a xenolith.					
	- somewhat bleached and bx'd.					
	- 5% chlorite, 2.5% ank. veins, 0.3% py.			 		
33.5-37.6	MONZONITE					
	- similar to 7-31.0, c.gr. porphyritic					
	- some sheared and rubbly zones.					
	- 2.5-5% chlorite.				<u> </u>	
37.6-44.7	ALTERED TUFF with MONZONITE STRINGERS					
	- medium green, with brown-pink shades.					
	- f.gr. tuff is strongly bx'd, bleached and feldspathized and			 		
	cut by irregular monzonite strings. 1% ank. veins.					
	- 5-10% chlorite.			 		
44.7-53.2	MONZONITE WITH TUFF XENOLITHS					
	- similar to 7-31.0 m, mostly m.gr. non-porphy tuff xenoliths common.					

BE PROPERTY

HOLE No.

Section Dep.	DIP TEST
Section Dep.	Angle
	otage Reading Corrected
Data Regun	
Date Begun Bearing	
Date Finished Elev. Collar	

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
53.2-58.7	ALTERED TUFF with MONZONITE STRINGERS		,		
	- similar to 37.6-44.7 m.				
58.7-117.3	MONZONITE				
	- similar to 7-31.0 m, mostly m.gr. non-porphy.				
	- 69.5, 70.5 m. Tuff xenoliths, 0.5 m wide.				
	78-117.3: c.gr., porphyritic mostly.				
	98.5: strong qtz. ank veining over 0.5 m.				
117.3	END OF HOLE				
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BE PROPERTY

HOL	_E	No.

		RC-2	
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	DIP TEST			
	Angle			
Footage	Reading	Corrected		

Hole No BC-5 Sheet No 1	Lot. 13234 N Dep. 13250 E
Date Begun July 8, 1986	•

Total Depth	222.5 m
Logged By	E.D. Titley
Claim	DE 33
Core Size	NQ^{1}_{2}

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-2.4	OVERBURDEN						1
2.4-140.3	MONZONITE				 		
180 1184 9.1	- m. gr., orange-pink, locally c. gr., occasional tuff xeno.						
	- 1% ank. veins 0.1% calc. veins. Tr. qtz veins. 1% chlor.				ļ		
	- 1% f. gr. py. disseminated and veinlets. 0.1% cpy.						
	- 0.3% hem. veinlets. 0.03% MoS ₂ on fractures.						
	30–33 m: typical looking monzonite.						
	46-48 m: c. gr. pale pink to white monzonite.						
	68.5 m: strongly sheared.						
	70-72 m: 5% ank. stockwork.				 		
	75-80 m: dark fine grained sulphides on fractures at 5-10°.						
	105 m: strongly sheared.				-		
	123.4 m: tan pink, bleached? (or xenoliths).						
	126.0-127 m: 2.5% cpy, 5% py, 0.3% MoS ₂ in veinlets.						
140.3-140.8	ALTERED TUFF						
	- m. gr., f. gr., strongly altered probably a xenolith.					 	ļ
	- 5-10% chlorite.						-
140.8-222.5	MONZONITE						
	- similar to 2.4-140.3 m. c.gr.			-			
	146-175 grey brown monzonite, m. gr. 0.3% cpy.						
	175-22.5 m: m. gr. monzonite, some grey brown sections.						
<u>-</u>	211.5 m: sheared				<u> </u>		<u> </u>

PROPERTY BE

HOLE	NIa	BC-6
HOLE	INO.	

	DIP TEST					
	An	gle				
Footage	Reading -45°	Corrected				
Ø	-45°					
						
						
	 					

Hole No. BC-6 Sheet No. 1	Lat. 13234 N
Section	Dep. 13462 E
Date Begun July 8, 1986	Bearing 090°
Date Finished July 8, 1986	Elev. Collar 1290 m

Total Depth	153.9
-	E.D. Titley
Claim	•
Cara Sina	NUF

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)	Mo(ppm)
0-2.2	OVERBURDEN						
2.2-4.6	NOT RECOVERED	***					
	Shattered bedrock			-			
4.6-41.0	ALTERED TUFF	ET6M1-175	4.6-7.1	475	4.3	930	220
	- pale tan green, to brown green, f. gr., strongly bleached,	ET6M1-176	7.1-7.7	210	5.0	720	570
	brecciated, 2.5-10% limonitic tuff. 5-10% py., 5% hem.						
	veinlets, 0.1% jarosite, 2.5-5% ank. veins.						
	7.1-7.7 m: 10% m.gr. euhedral ply., 5-10% ank.						-
	uns. also: 15.7-16.2 m, 17.9-18.2.						
	- gradual decrease in alteration to 41.0						
41.0-52.3	TUFF						
	- dk. gr., f. gr. locally bx'd, bleached and altered.						
	- 1% ank. veins, 0.3% calc. veins. Tr. qtz. veins.						-
	- 5% chlorite. 0.3-1% py. disseminated and in veinlets.						
	- occasional pyroclastics and banding.						
52.3-153.9	MONZONITE						
	- m. gr., orange-pink monzonite, locally c.gr.						
	- 1-2.5% f.gr. py. dissem. and in veinlets. Tr. cpy.						
	- 1% ank. veins, 1% chlorite.						
-	- occasional tuff xenoliths.						
	132.5-136.4 m: moderately sheared and bx'd with f. gr.						

sulphides, fault zone? some tuff xenoliths.

PR	OPERTY .	BE	·			HOLE	No	BC-6		
D	DIP TEST	•								
Footage	Ar Reading	ngle Corrected	Hole No. BC-6 Sheet No. 2		·			tal Depth		
			Date Begun Date Finished		oringv. Collar			oim ore Size		
DEPTH (m)		DESCRIPTION		SAMPLE No.	WIDTH OF SAMPLE				
2.3-153.9 cont'd)	138 m	n: strongly she	ared at 5°, talcose.							
53.9	END	OF HOLE								
										
		L. J.						<u> </u>		-
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PROPERTY BE

HOLE No.

DIP TEST							
	Angle						
Footage	Reading - 45°	Corrected					
Ø	-45°						
<u> </u>	 						

Hole No. BC-7 Sheet No. 1	Lat14980N	Total Depth 190.5
Date Finished July 8, 1986		

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)	Mo(ppm)
0-6.1	OVERBURDEN						
6.1-16.4	TUFF with LOCAL ALTERATION						
	- tan green to dark green, locally strongly bleached and bx'd.						
	- 2.5-5% ank. veins, 0.3-1% calc. veins.						
	- 2.5-5% chlor. veinlets and stringers.						
	- 0.3-1% f. gr. py., disseminated and in veinlets, 0.01% cpy.						
	- occasional monzonite stringers.						
16.4-18.0	MONZONITE						
	- mostly m.gr., orange pink monzonite.					ļ	
	- 2.5% chlor, veinlets, 1% ank, veins, 0.3% calc, veins,						
	- 1% f. gr. py. disseminated and in veinlets.						
	- tr. qtz. veins, 0.3% cpy.						
	- occasional tuff xenoliths.						
18.0-22.7	TUFF						
	- similar to 6.1-16.4 m.						
22.7-25.5	FAULT ZONE	ET6M1-174	22.7-25.	345	2.7	1850	220
	- strongly sheared tuff and monzonite with 20% gouge, 2.5-						
	10% fine dark sulphides.				-		
25.5-26.2	MONZONITE						
	- similar to 16.4-18.0 m.						

PROPERTY BE

HOLE No.

	DIP TEST		
	Angle		
Footage	Reading	Corrected	
	 		

Hole No. BC-7 Sheet No.	2 Lat.	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
26.2-123.7	TUFF				
	- similar to 6.1-16.4 m.				
	- strongly sheared from 33 to 35 m with 20% gouge,				
	57, 59 m monzonite stringers 0.5 m wide.				
	- 117, 119 m monzonite stringers 0.5 m wide.			 	
123.7-125.5	MONZONITE				
	- similar to 16.4-18.0 m, mostly c.gr.				
125.5-126.6	TUFF			 	
	- similar to 6.1-16.4 m.				ļ
126,6-128.1	MONZONITE	,			
	- similar to 16.4-18.0 m.			 	
128.1-147.3	TUFF				
	- similar to 6.1-16.4 m.				ļ
	141.5 m: monzonite stringer 0.5 m wide.				
147.3-152.2	MONZONITE				
	- similar to 16.4-18.0 m.				
152.2-156.4	TUFF				
	- similar to 6.1-16.4 m.				
156.4-161.3	MONZONITE			 	
	- similar to 16.4-18.0 m.				

BE PROPERTY

BC-7

DIP	TEST	ngle							
Footage R	Reading	Corrected	Hole No. BC-7 Sheet No.	3 Lo	t	,	Tota	l Depth	
			Section						
			Date Begun			*********			
			Date Finished						
DEPTH (m)			DESCRIPTION		SAMPLE No.	WIDTH OF SAMPLE			
1.3-162.9	TUFF	=						_	
	- sin	nilar to 6.1-10	6.4, very strongly bl'd and bx'd.						
2.9-190.5	- sin	nilar to 16.4-	18.0 m.				· . •		
on'td)									
0.5	END	OF HOLE							
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PROPERTY

HOLE No.

	DIP TEST		
Angle			
ootage	Reading	Corrected	
Ø	- 45°		
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		<u> </u>	

Hole No. BC-8 Sheet No. 1	Lat. 1469	96. N	Total Depth	184.4 m
Section			Logged By	E.D. Titley
Date BegunJuly 8, 1986	Bearing 090	5	Claim	BE-3
Date Finishedlulv.81986	Elev. Collar 795	m	Core Size	NQ13

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-8.8	OVERBURDEN	No Sample				
8.8-38.2	TUFF, LOCALLY ALTERED	No sampres				
	- dark green, locally tan green, f.gr. w/banded sections			·····		
	(@65°), occasionally pyroclastics, locally altered and bx'd.					
	- 2.5-5% ank. veins, 2.5-5% chlor. veinlets and alteration,					
	0.3% ank. veinlets, 0.3% hem., 1% lim.					
	- 0.3-1% f.gr. py. in veinlets and dissem.					
- · · · · · · · · · · · · · · · · · · ·	24.0-30.0 not very altered, 2.5% ank. veins, rare bx'd					
	sections.					1
	- 38.2 m: some bx'n at lower contact.					
38.2-50.5	MONZONITE					
	- m.gr. to c.gr. orange pink monzonite, a few tuff xenoliths.					
	- 2.5% chlor. veinlets, 0.3% calc. veinlets, 1% ank. veins.					
	- 1% f.gr. py. dissem. and on veinlets. Tr. qtz veins.		<u> </u>			
	- tuff xenoliths becoming more common towards lower					
	contact.					
50.5-67.2	TUFF					
	- similar to 8.8-38.2 m.					
67.2-74.9	MONZONITE					
	- mostly m.gr., similar to 38.2-50.5 m.					
	- sharp lower contact at 50° is at 90° angle to banding in					
	adjacent tuff.				 	<u> </u>

BE PROPERTY

		BC-8
HOLE	No.	

	DIP TEST					
	Angle					
Footage	Reading	Corrected				
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Hole No. BC-8 Sheet No. 2	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
74.9-96.9	TUFF				<u> </u>	
	- similar to 8.8-38.2 m.	The value of		 <u> </u>		
	- occasional monzonite stringers.					
	- not much alteration.					
96.9-99.1	MONZONITE					
	- similar to 38.2-50.5.					
99.1-117.7	TUFF, LOCALLY ALTERED					
	- similar to 8.8-38.2 m.					
	- several monzonite stringers.					
	109.0-109.9 monzonite stringer.					
117.7-120.2	MONZONITE					
	- similar to 38.2-50.5 m.					
120.2-137.4	TUFF					
	- similar to 8.8-38.2 m.		7			
137.4-140.4	MONZONITE			 		
	- similar to 38.2-50.5 m.					
140.4-145.3	TUFF					
	- similar to 8.8-38.2 m.					
145.3-164.6	MONZONITE					
	- similar to 38.2-50.5 m.					

PRO	PERTY _	BE				HOLE	No	BC-8	·	
DI	P TEST	ngle								
Footage	Reading	Corrected	Hole NoBC-8 Sheet No3 Section Date Begun	Dep		_ Log	Total Depth Logged By Claim			
			Date Finished	Ele	v. Collar		Cor	e Size	·	
DEPTH (m)			DESCRIPTION		SAMPLE No.	WIDTH OF SAMPLE				
164.6-180.3	TUFF	-					****			
		nilar to 8 . 8-38	.2 m.							<u> </u>
180.3-184.4		IZONITE						ļ		
			0.5 m, mostly m.gr.				···-	<u> </u>		
184.4	END	OF HOLE						<u> </u>		
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<u> </u>										
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BE PROPERTY

BC-9

HOLE	No.		
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	DIP TEST			
	Angle			
Footag e	Reading	Corrected		
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Hole No. BC-9 Sheet No. 1	Lot. 15580 N	Total Depth 181,4
Section	Dep. 13062 E	Logged By E.D. Titley
Date BegunJuly 7, 1986	Bearing 090°	Claim BE-3?
Date FinishedJuly 8, 1986.	Elev. Collar. 790 m	Core Size NO

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				T
0-17.1	OVERBURDEN						
17.1-47.5	MONZONITE						
	- orange-pink, m.gr. to c.gr., porphyritic.			-		 	
	- 0.3% ank. veins, 0.01% qtz veins, occasional tuff xenoliths.						
	- 1% f.g. dissem. py. 0.1% cpy, 0.01% MoS ₂ .						
	33 m: irregular 2 cm wide vein @50 w/5-10% f.gr. py.,						-
	1-2.5% m.gr. cpy., 5-10% hematite, 0.1% MoS ₂ .						
47.5-66.0	ALTERED TUFF				<u> </u>		
	- f.gr., tan to dark green, altered tuff.						
	- locally strongly bleached and bx'd with 2.5 to 10% ank.						
	stockwork. 1-2.5% calc. veinlets.	- 					
	- locally well banded to laminated at 35°.						
	- some sections clay altered, some up to 5% hem.						
	- rare qtz. veins, some monzonite stringers.						
66.0-67.5	MONZONITE						
	- similar to 17.1-47.5 m.						
	- several sub-angular tuff xenoliths to 3 cm.						
	- sharp lower contact @40°.						
67.5-70.7	ALTERED TUFF						
	- similar to 47.5 to 66.0						
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HOLE	No.	_,,	 	

DIP TEST					
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Reading	Corrected				
 					
 					
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Hole No. BC-9 Sheet No. 2	Lat	Total Depth
Section.	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)	Mo(ppm)
70.7-71.6	MONZONITE						
	- similar to 17.1-47.5 m.						
71.6-98.3	ALTERED TUFF						
	- similar to 47.5 to 66.0				·		
	89.0-92.0 m: strongly bleached, 10-20% ank. stockwork.	ET6M1-170	89.0-90.0	175_	2.2	1080	120
	0.3% blue green pyrophyllite veinlets.	ET6M1-171	90.0-91.0	3100	1.1	810	80
	91.8 m: calcmonz. stringer w/10% f.gr. py., 2.5% cpy.,	ET6M1-172	91.0-92.0	485	1.9	3700	170
	tr. azurite.	ET6m1-173	l	· ·	0.6	1130	160
	- monzonite stringer at 97 m.						
98.3-99.7	MONZONITE .						
	- similar to 47.5 to 66.0 m.						
99.7-105.6	ALTERED TUFF						
	- similar to 47.5 to 66.0 m.						
	- monzonite stringer at 102 m.	1					
105.6-113.5	MONZONITE						
	- similar to 47.5 to 66. m.						
	- sharp vein contact at 60°.						
	- 110 m: cpy. hem. qtz. vein @50°.						
113.5-137.8	ALTERED TUFF WITH MONZONITE STOCKWORK						
	- similar to 47.5 to 66.0 m but more strongly bx'd and altered						
	with strong monzonite stockwork.						

BE BC-9
PROPERTY HOLE No.

	An	gle			
Footage	Reading	Corrected	Hole NoSheet No	Lot.	Total Depth
			Section	Dep	Logged By
			Date Begun		Claim
			Date Finished		Core Size
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DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
137.8-181.4	MONZONITE					
	- similar to 47.5 to 66.0 m.					
181.4	END OF HOLE					
			10-1-			-
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PROPERTY BE

HOLE No. BC-10

	DIP TEST	
	An	gle
Footage	Reading -60°	Corrected
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Hole No. BC-10 Sheet No. 1	Lat. 13585 N
Section	Dep. 14725 E
	Bearing 090°
Date Finished July 7, 1986	_

Total Depth 147.9 m

Logged By E.D. Titley

Claim BE-4

Core Size NQ1/2

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag (ppm)	Cu(ppm)	Мо	(ppm
0-9.1	OVERBURDEN							
9.1-14.8	CRYSTAL TUFF						<u> </u>	
	- f.gr., dk. green, tuff with m.gr. white f-spar laths, giving						<u> </u>	
	porphyritic texture.							
	- 1% c.v., 1% euhedral py., 1% lim.							
	- 20-30% chloritized replacements. 1% hem. veinlets.			17.70				
	- intrusive-looking texture, may be diorite?		_					
	- strong bleaching and sericitization increases from							
	13.0 to 14.8 m.							
14.8-20.3	MONZONITE							
	- m.gr., brown pink to pink tan, porphyritic.							
	- 1% f.gr. euhedral py., dissem. and in veinlets.							
20.3-22.6	TUFF						<u> </u>	
	- f.gr. dk. grey green, choritized tuff (xenolith?).							
<u> </u>	- 1% calc. veinlets.						ļ	
22.6-52.3	SYENODIORITE?	ET6M1-149	22.6-24.0	125	0.4	39		1
	- m.gr., med. grey, syenodiorite? 2 mm laths of white plag. in							
	a matrix of white to grey k-spar.	ET6M1-150	25.5-27.0	4700	30.0	36		1
	- plag. locally brown (sericitized?). Massive text., locally							
	weakly foliated.							
	- 2.5-5% dissem. f.gr. py., 1% ank. veins of various angles.	ET6M1-151	28.5-30.	1160	6.4	21		2

PROPERTY BE	HOLE NoBC-10
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	DIP TEST		
Angle			
Footage	Reading	Corrected	
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Hole No. BC-10 Sheet No. 2	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)	Mo(ppm)
22.6-52.3	- some f-spars appear sericitized.						
(cont'd)	- 5% black chlor. blebs and veinlets, locally up to 20%.	ET6M1-156	31.5-33.0	460	3.5	52	1
	- sharp, uneven lower contact at 80°	ET6M1-157	34.5-36.	520	6.3	17	2
52.3-108.0	VOLCANICLASTIC	ET6M1-158	37.5-39.0	690	4.6	26	11
	- med. to dk. grey, rock varies from f.gr. black laminated						
	(@50°), graphitic, pyritic (5%) siltstone to greywacke to	ET6M1-159	40.5-42.	215	1.2	20	1
	breccia with rounded f-spar clasts to felsic to andesitic					1	
	fragmental rock.						
	- 2.5 ank. veins and 1% calc. veins locally forming a						<u> </u>
	stockwork.						
	- 1-5% dissem. f.gr. subhedral pyrite.						
	- 0.3% qtz. veins and a few siliceous (chert?) bands.						
	- except for the siltstone, the rock is unbedded to poorly						
	bedded. Locally, bx is tectonic with an ank. matrix. Rare,						ļ
	narrow gougy zones. Local concentrations of up to 20% py.	ET6M1-166	64.1-65.	175	0.8	87	4
	(i.e. 92.0 m).		<u> </u>				
	- tr. of cpy.						
	92.0-108.0: volcaniclastics are locally strongly bx'd. 5-10%	ET6M1-167	95.0-96.0	90	1.2	163	1
	ank. veins and stockwork.	ET6M1-168	96.0-97.0	215	2.9	141	4
	5-20% f.gr. dissem. py. 0.1-0.3% cpy. in carbonate veins.	ET6M1-169	97.0-98.	195	1.9	137	2
	- appears to be more tuffaceous.	ET6M1-181	99.0-100	0 175	2.2	1080	120

i	PROPERTY.	BE		HOLE N	o. BC-10
<u> </u>	DIP TEST				
	An	gle			
Footage	Reading	Corrected	Hole No. BC-10 Sheet No. 3	Lat	Total Depth
			Section	Dep	Logged By
			Date Begun	Bearing	Claim

Date Finished Elev. Collar.

Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
108.0-109.1	SYENODIORITE DYKE?					
	- tan grey m.gr. intrusive? Looks similar to 22.6-53.3 m (but					
	108.0–109.1 may also be a strongly bleached pyroclastic					
	rock).					
(cont'd)	1% dissem. py.					
	- upper contact appears interbedded. Lower contact sharp					
	at 90°.					
	- some sericitic alteration.					
109.1-147.82	TUFF WITH SEDIMENTS					
	- mostly f.gr., occasionally m.gr., dk. green mafic to andesitic					
	tuff, locally banded @70°, locally bleached with interbedded					
	dark grey siltstone and tan grey greywacke. Some possible					
	syenodiorite dykes. 5-10% chlorite locally.					
	- 2.5-5% ank. veins, decreasing downhole.					
	- 1-2.5% calc. veins increasing downhole.					
	- occasionally pyroclastics. 1% calcareous amygdules locally.					
	Some bleached sections.					
	- 0.3-2.5% dissem. euhedral to subhedral f.gr. py.					
	- local concentrations of py. (i.e. 115.5, 129 m).					
	– minor bx'n and ank. veins at 141 m.					
	- strong bleaching from 144.4 to 147.82 with several zones of					
	tapilli toff.	<u> </u>	L	 L	1	<u> </u>

END OF HOLE

PROPERTY	BE
PROPERTY	

HOLE	No	BC-11
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	DIP TEST				
	Angle				
Footage	Reading	Corrected			
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Hole No. BC-11 Sheet No. 1	Lat	13620 N	Total Depth.	145.38
Section	Dep	13240 E	Logged By	E.D. Titley
Date Begun July 3, 1986	Bearing	090°	Claim	BE-3
Date FinishedJuly3, 1986	Elev. Colla	r 1165 m	Core Size	NQ ¹ 2

DEPTH (m)	DESCRIPTION	SAMPLĖ No.	WIDTH OF SAMPLE			
0-3.28	OVERBURDEN	No samples				
3.28-117.0	ALTERED TUFF (ANDESITE?) WITH MONZONITE					
	STOCKWORK					
	- pale tan grey to pale green f.gr., bleached, bx'd and					
*****	silicified tuff with irregular, m.gr., orange pink monzonite					
	stringers and dykes, forming a stockwork.					
	- 1% lim. on fractures 0.3% dissem. py., 5% hem. blebs and					
	veinlets, 2.5% ank. veins, 0.03% cpy.					
	- tr. pyrolusite, tr. azurite.					
	- tuff is locally banded, possibly sediment in places.					
	- monzonite is c.gr. and porphyritic in some wider dyke					
	sections.					
	85-96 m: mostly monzonite.					
	- 0.03% MoS ₂ on slips.					
117.0-145.38	TUFF					
	- dk green, f.gr., locally banded, 5% hem., 5% chlor.					
	- less bleaching, bx'n and alteration as above, with rare					
	monzonite stringers except from 141.0 to 145.38.					
145.38	END OF HOLE			 ,		
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PROPERTY	BE	HOLE No.	BC-12

DIP TEST						
An	gle					
Reading	Corrected					
-45°						
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Hole No. BC-12 Sheet No. 1	Lot	13465 N	Total Depth	203.3 m
Section	Dep	12550 E	Logged By	E.D. Titley
Date Begun July 3, 1986	Bearing	090°	Claim	BE-3
Date Finished July 3, 1986				

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
0-24.4	OVERBURDEN	No sample	\$		
24.4-181.0	TUFF				
	- med. green, locally pale green or grey green, locally banded				
	(20-60°) locally bleached, med, green locally bx'd, locally				
	silty layers, rare pyroclastics. Mostly massive texture.				
	- 0.03% ank. veins. 1% calc. veins. 1% chlor. veinlets.				
	- 0.3% lim. 0.1% f.gr. euhedral py.				
	- rare traces of gouge.				
	- increased ank, veins and bleaching from 130.0-141.5 m.				
	145.5-15].6 m: Monzonite dykes m.gr. tan orange to pink.				
	5% ank veins. 1% f.gr. py. 5% chlorite, some altered tuff.				
	162.0-163.7 m: Monzonite dyke m.gr. pale buff pink to pale				
	buff green.				
	161.0-164.5 m: dark grey f.gr. silty layers common.				
181.0-194.0	SERPENTINITE				
	- dark green, strongly sheared, chloritized, strong magnetic				
-	attraction.			 	
194.0-195.98	FAULT ZONE (SERPENTINITE)				
	- strongly sheared, 20-30% light green gouge, strongly				
	chloritic, strong magnetic attraction.				
195.98-203.3	NO CORE RECOVERY - Triconed (Fault Zone)				
203.3	END OF HOLE		L	 	

203.3

END OF HOLE

PROPERTY	BE	 HOLE No.	BC-13
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DIP TEST							
		gle					
Footage	Reading	Corrected					
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Hole No. BC-13 Sheet No. 1	Lat.	13965N	Total Depth	154.5
Section	Dep	12690E	Logged By	E.D. Titley
lung 22 1006		090°		BE-3
Date FinishedJuly2, 1986.				NQ ¹ 2

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-21.9	OVERBURDEN						
21.9-22.8	FAULT ZONE: dk green, f.gr. chloritic sheared tuff with light						
	green gouge.						
22.8-53.6	BLEACHED TUFF (POSSIBLY ANDESITIC)						
	- pale green, mostly f.gr. with some m.gr. patches and						
	fragments.						
	- locally strongly bx'd., locally chloritic.						
	- 2.5% qtz. ankerite veins up to 1 cm. at various angles.						
	- patchy blebs of v.f.gr. py. from 0.3-10%, (1% overall) locally						
	in veinlets forming stockwork.						
	- 2.5-10% white to tan clay or seric. alteration.						<u> </u>
	- 0.1% limonite, possibly trace of jarosite.						
	- rock is locally banded at 55°, possibly sedimentary in part.						
	- around 45 m some chloritized hornblende porphyry.						
	- gradual decrease in bleaching over several meters to lower						
	contact.				-		
	- lower contact is indistinct, gradual.						
53.6-61.2	TUFF (POSSIBLY ANDESITIC)					1	
	- f.gr. dk. green, 5 to 10% pervasive chloritic hairline						
	fractures. Locally weakly bx'd. A few chloritized			<u> </u>		<u> </u>	
	phenocrysts. 1% f.gr. dissem. patchy py., 2.5% calc						

PROPERTY BE HOLE No. BC-13

DIP TEST						
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Footage	Reading	Corrected				
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Hole No. BC-13 Sheet No. 2	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
53.6-61.2	veinlets. Tuff locally bleached. Some possible					
(cont'd)	pyroclastics.					
	- 0.1% ank. veining.					
61.2-108.1	BLEACHED TUFF (POSSIBLY ANDESITIC)					
	- f.gr. pale green, moderately to strongly bleached. Locally				· · · · · · · · · · · · · · · · · · ·	
	strongly bx'd.					
	- 2.5% chlorite stockwork.					
	- 2.5% calc. veinlets, 5% ank. veins.					
	- some diffuse banding, pyroclastics, "phenocrysts" (crystal					
	tuff).					
	- local strong tan 30-50% seric. or clay alteration.					
	- 2.5% f.gr. py. dissem. and in veinlets.	ET6M1-125	69.0-72.0)		
	69.0-72.0 m: strongly bleached, 5% py.					
	- some veinlets w/v.f.gr. dk. sulphides.					
	- tr. chalcopyrite. Gradual lower contact, increase in					
	alteration and shearing					
92.6-93.9	MONZONITE DYKE					
	- m.gr., orange pink, 5-10% qtz., 2.5% ank. veins, 2.5% hem.					
	blebs.					
	- contacts appear to be sharp, lower contact 75°.					
	- 86.0-86.6 m: strongly bleached, bx'd and altered, 5% fine	ET6M1-126	86.0-86.6	5		

PROPERTY BE	HOLE No.	BC-13
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	DIP TEST				
	An	gle			
Footage	Reading	Corrected	Hole No. BC-13 Sheet No. 3	Lat	Total Dep
			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar	Core Size
	Footage	An	Angle	Angle Footage Reading Corrected Hole No. BC-13 Sheet No. 3 Section	Angle Footage Reading Corrected Hole No. BC-13 Sheet No. 3 Lat. Section

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
92.6-93.9	dark py. stringers in matrix.					
(cont'd)	- irregular qtz. stringers at 106.3 m.					
108.1-125.0	FAULT ZONE					
	- strongly sheared, gouged, bx'd, clay altered, bleached,					
	108.1-125.0sericitized tuff(?).					
	- pale tan green colour, 5% py. dissem. and in fine dark					
	veinlets. 5% calc. veinlets. 2.5% ank. veins. 40% white					· · · · · · · · · · · · · · · · · · ·
	clay, 10% tan sericite(?).				-	
	108.111.1 m: sample upper 2 m of fault zone.	ET6M1-127	100 1 116	1	 	
125.0-129.3	SILICIFIED TUFF?	ET6M1-128				
	- f.gr. buff to pale grey, very strongly bx'd and bleached	E10H1-120	123.0-120	0.0		
	tuff,30-40% silicified. 5% fine dissem. py., 5% qtz. ank.	 				
	veins forming stockwork.					
	- some sections of breccia.					
129.3-138.0	BLEACHED TUFF					
	- similar to 108.1-125.0 m.			!		
	- intensely bleached and bx'd, some sections very clay altered					
	pale green to buff colour. 2.5% qtz. veins.	ET6M1-129	129.3-130).3		
138.0-154.5	BLEACHED TUFF					
	- similar to 61.2-108.1 m.				-	
	- some med. to dark green unbleached sections.					
	- common dark green chlorite crystals to 3 mm.					

PROPERTY BE HOLE No	BC-14
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DIP TEST						
	Angle					
Footage	Reading	Corrected				
Ø	-60°					
						
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Hole NoBC-14 Sheet No1	Lat. 15580 N Dep. 13435 E	Total Depth150.3 Logged ByE.D. Titley
Date Begun July 2, 1986 Date Finished July 3, 1986	Bearing 090°	Claim BE 3

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
-0-3.28	OVERBURDEN						
3.28-10.0	ALTERED TUFF?						
	- tan buff green, with shades of purple, brown and pink.				ļ		
	Mostly f.gr. with strong bleaching, bx'n and alteration						
	(clay and sericite). Some strongly bx'd sections have						
	appearance of diffuse monzonite stockwork.						
	- 2.5% ank. veins, 1% calc. veins, 2.5% lim.						
	- 5% hem. blebs.				ļ		
10.0-15.7	MONZONITIC BRECCIA	ET6M1-130	1		0.1	115	96
	grey green with shades of pink, purple and brown.	ET6M1-131	12.0-14.0	230	0.6	350	78
	2-20 mm fragments of monzonite? and altered tuff in a	ET6M1-132	14.0-15.7	185	0.7	495	90
	monzonitic matrix. Several xenoliths of altered tuff (to 3						
	cm).				<u> </u>		<u> </u>
	- 2.5% ank. veins, 5% patchy hem. blebs.					_	
	- lower contact in ank. stockwork.				ļ		
-15-7-33.8	BLEACHED TUFF (ANDESITIC?)						
	- pale tan green, mostly f.gr.						
	- strongly bleached, bx'd and altered.				<u> </u>		
	- 5% hem. blebs, 20% sericite, 10% chlorite blebs.						
	- 5% ank. veins, 2.5% f.gr. subhedral py. in veins, 2.5% dark						
	fine sulphide veinlets.						

PROPERTY BE	HOLE No. BC-14
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	DIP TEST			
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Footage	Reading	Corrected	Hole NoBC-14 Sheet No2	Lat
			Section	
			Date Begun	Bearing
			Date Finished	Elev. Collar
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DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
15.7-33.8 (cont'd)-	some possible monzonite stockwork and/or dykes.					
	- 0.1% cpy.					
	- tuff is silicified from 31.4-33.8 m.			· · · · · · · · · · · · · · · · · · ·		
33.8-34.5	MONZONITE DYKE					
	- buff pink, m.gr., bx'd, sharp contacts @60°.					
	-2.5% ank. veins, 5% hem. blebs.					
34.5-37.8	SILICIFIED TUFF					
	- pale tan grey, f.gr., strongly silicified tuff.					
	- similar to 31.4-33.8, strongly bx'd towards lower contact.					
37.8-41.8	MONZONITE					
	- m.gr., orange pink monzonite, 5-10% hem. blebs.					
	- somewhat bx'd texture.					
41.8-49.0	TUFF WITH MONZONITE STOCKWORK					
	– grey green with shades of tan and pink.					
	- strongly bx'd, and altered tuff? with abundant irregular					
	monzonite stockwork and bx. fragments.				:	
	- 10-20% hem. blebs and veinlets. Strong sericite, locally					
	silicified.					
49.0-74.0	MONZONITE WITH TUFF XENOLITHS					
	- m.gr., orange pink monzonite with some altered tuff					
	xenoliths. 10% hem. blebs.					

PR	OPERTY .	BE				HOLE	No	BC-	14	
	IP TEST									
Footage	Ai Reading	Corrected	Hole No. BC-14 Sheet No. 3					•		
			Date Begun	Bearing	9		Clo	ıim		
			Date Finished	Elev. C	Collar		Co	re Size		
DEPTH (n	1)		DESCRIPTION	S/	AMPLE No.	WIDTH OF SAMPLE				
9.0-74.0 (cont'c	d) - lo	cally bx'd. I	% cpy, f.gr. in irregular veins. 1% py. in da	ırk						
	f.	gr. veinlets	1% grey quartz veins.							
	56	5.0-57.0 m: c	altered tuff xenoliths w/5% f.gr. dark py.							
	19	% сру								
	65	5.8-67.8 m: s	similar to 56.0-57.0 m.							
4.0-150.3	TUF	F (bleached	from 74.0-100.0 m, similar to 15.7-33.8)							
			r. tuff, locally well banded (various ⁰) local							
		pilli.								
		·	rom 74.0-75.0 m.							1
	}	•	ched sections appear to be chloritized and							
		ematitized.	ones seemen appear to be emeritized und							1

150.3 m

- monzonite dyke @ 108 m.

END OF HOLE

- 1% c.v., 1% a.v., ank. veins decreasing below 100 m.

PROPERTY BE	HOLE No	BC-15
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DIP TEST					
	An	gle			
Footage	Reading	Corrected			
0	-71°				
	ļ				
	 				
	 				
		<u> </u>			

Hole No15 Sheet No1	Lat. 17205N	Total Depth	152.4
Section	Dep. 13270E	Logged By	E. Titley
Date Begun July 10, 1986	Bearing 275°	Claim	BE-5
Date Finished July 10, 1986	Elev. Collar 760 m	Core Size	NQ½

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au(ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
0.21.34	OVERBURDEN						
21.34-23.9	MONZONITE						
	- orange pink, m.gr. to c.gr., locally porhyritic.	ļ <u>-</u>					
	- occasional tuff xenoliths.						
	- 1% pale grey qtz. veins, 0.3% creamy white ank. veins.						
	- 0.1% f.gr. py. dissem. and in veinlets.						
23.9-24.7	MAFIC TO INTERMEDIATE INTRUSIVE (?)	ET6M1-18	23.9-24.7	5	0.2	27	6
	- f.gr., med. green, massive, homogenous-looking,						
	equigranular intrusive(?). 1% white feldspar laths. Very				ļ		
	minor veining (0.1% calc. veins).				ļ		
	- no bleaching or brecciation, no sulphides noted.						
	1% magnetite.					-	
_24.7-25.9	MONZONITE				-		
	- similar to 21.34-23.9 m, 2.5% qtz. veins.						
_25.9-134.5	TUFF (ANDESITE?)						
	- f.gr., tan green to medium green, locally bleached,						
	brecciated and altered intrusive; locally sheared.						
	- occasional pyroclastics.						
	- 5% chlorite blebs and veinlets, locally 10%.						
	- 2.5% ank. veins, 1% hematite.				ļ		
	- 0.1-0.3% f.gr. py., dissem. and in veinlets.	WH6M1-132	35.8-37.8	25	0.3	580	38

	BE			BC-15
PROPERTY		HOLE	No	DC-13

	DIP 1E31		\mathbf{I}		
	An	gle			
Footage	Reading	Corrected	Hole No. 15 Sheet No. 2	Lat	Total Depth
			Section	Dep	Logged By
			Date Begun		Claim
			Date Finished	-	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
25.9-134.5	- 0.3-1% magnetite locally.				
(cont'd)	25.9-50 m: some strongly sheared sections.				—
	50-90 m: mostly unaltered, unbx'd, unbleached; tuff,				
	1% magnetite, 1% calc. veins, 0.3% ank. veins.				
	90-134.5 m: locally strongly bleached, bx'd and altered tuff,				
	occasional banding, tan green colour common. (Bleaching				
	and sericitic alteration? or different phase of extrusive?)				
134.5-137.0	MONZONITE(?)				
	- pale orange pink, c.gr., porphyritic.				
	- 2.5% chloritic veinlets, 1% white ank. veins.				
	- 1% f.gr. py. dissem. and in veinlets.				
	- 0.1% qtz. veins.				
	- phenocrysts of well-formed white plagioclase laths up to 8				
	mm long.				
	- sharp contacts				
	- did not succeed in staining this rock with (HF etch) Sodium				
	Cobaltinitrate (K-spar??).				
137.0-152.4	TUFF				
	- f.gr., dark green, locally banded, occasional pyroclastics.		·		
	- 5% dark green chloritic veinlets.				

Р	KOPERTY.	BE						HOLE	No	BC-1	5		
	DIP TEST												
Footage	Reading	ngle Corrected	Hole No	15 sh	eet No. 3	Lat.			T o	tal Depth			
	 		Section			Dep	••••••		Lo	gged By			
			Date Begun			Bea	ring		CI	Claim			
			Date Finished	L		Elev	. Collar		Co	re Size	*******		
,													
DEPTH			DESCRIPTION	ON			SAMPLE No.	WIDTH OF SAMPLE					
17.0-152.4	0	.3-1% f.gr. py.	in veinlets and	dissem.						1		+-	
ont'd)		% ank. veins, (0.3% calc. veins.	······································								1	
52.4	i	OF HOLE											
							l 						
												1	
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PROPERTY.	BE .	HOLE No.	BC-16
	5 00 -	110	

orrected

Hole No. 16 Sheet No. 1	Lat. 13435N	Total Depth	117.65
Section	Dep. 13240E	Logged By	E. Titley
Date Begun JULY 8,1986	Bearing 090°	Claim	BE-3
Date Finished JULY 8, 1986	Elev. Collar. 1160 m		NQ ½

(meters)DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0-3.10	OVERBURDEN	No sample	\$			
3.10-34.5	ALTERED TUFF					
	- med. green, f.gr. tuff. Moderately to strongly altered, bx'd					
	and bleached. Locally banded (@ 50°) occasional					
	pyroclastics.					
	- 5% chlor., 1% lim., 2.5% hem. 0.1% cpy.					
777	- 5% ank. veins and alteration. 1% f.gr. py. dessem. and in					
	veinlets.					
	7-11.5 m: strongly sheared, 10% gouge, fault zone.					
	- strongly bx'd and altered to lower contact.					
34.5-82.0	MONZONITE					
	- m.gr. to c.gr. orange purple occasional tuff xenoliths.					
	- 2.5% f.gr. py. dissem. and in veinlets. 0.1% cpy.					
	- 5% chlor., I-2.5% ank. veins, 0.03% MoS ₂ .					
	38.4-40.3 m: 5% ank. stockwork, 5% f.gr. py., 0.3% cpy.					
82.0-117.65	ALTERED TUFF					
	- similar to 3.10-34.5 m, no lim.					
	90.5-110.5 m: fault zone, rubbly core, poor rec.?					
117.67	END OF HOLE					
		1		 1	1	L

PROPERTY BE HOLE	No	BC-17
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DIP TEST					
	Angle				
Footage	Reading	Corrected			
Ø	-50°				
	1				
					
	 				
	1				

Hole No17Sheet No1	Lat13435N	Total Depth 151.50 m
Section	Dep. 13240E	Logged By E. Titley
Date Begun July 8, 2986	•	
Date Finished		

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-4.57	OVERBURDEN	No Sample	s				
4.57-7.4	TUFF						
	- med. to dark green, f.gr., locally bleached, bx'd and altered.						
	- 1% ank. veins, 0.3% dissem. py.			. <u>-</u>	<u> </u>		
	- 5% chlorite, 0f.3% lim.					-	
7.4-11.7	MONZONITE				<u> </u>	ļ	
	- orange pink, m.gr. to c.gr. occasional tuff xenoliths. 0.03%						
	cpy. 0.01% MoS ₂ .						
	- 2.5% ank. veins, 1% chlorite.						
	- 1% py. f.gr. dissem. and in veinlets.						
11.7-33.1	TUFF						
	- similar to 4.57-7.4 m, no lim.						
	- 2.5% ank. veins, 5% hem.						
33.1-116.3	MONZONITE						
	- similar to 7.4-11.7 m.						ļ
	49.5 m: shear zone.						
	101-105 m: sheared zone.						
116.3-151.5	TUFF						
	- similar to 4.57-74 m, no lim.						
	128–151.5 m: strongly sheared sections with fault gouge and						
	low or no recovery. Hole probably abandoned.						
151.5	END OF HOLE	 	. 	L	<u>.L.,</u>		

151.5 a11/26/1

APPENDIX C

GEOCHEMICAL PREPARATION AND ANALYTICAL PROCEDURES

- 1. Geochemical samples (soils, silts) are dried at 50°C for a period of 12 to 24 hours. The dried sample is sieved to -80 mesh fraction through a nylon and stainless steel sieve. Rock geochemical materials are crushed, dried and pulverized to -100 mesh.
- 2. A 1.00 gram portion of the sample is weighted into a calibrated test tube. The sample is digested using hot 70% HC104 and concentrated HN03. Digestion time = 2 hours.
- 3. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analyzed by atomic absorption procedures.
- 4. Detection limits using Techtron A.A.5 atomic absorption unit.

Copper - I ppm
Molybdenum - I ppm
Zinc - I ppm
*Silver - 0.2 ppm
*Lead - I ppm
*Nickel - I ppm
Chromium - 5 ppm

5. Elements present in concentrations below the detection limits are reported as one half the detection limit, i.e. Ag - 0.1 ppm.

^{*}Ag, Pb & Ni are corrected for background absorption.

PPM Antimony:

A 2.0 gm sample digested with conc. HCl in hot water bath. The iron is reduced to Fe +2 state and the Sb complexed with 1 -. The complex is extracted with TOPO-MIBK and analyzed via A.A. Correcting for background absorption 0.2 ppm ± 0.2.

Detection limit: 0.2 ppm

PPM Arsenic:

A 1.0 gram sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with KI and mixed. A portion of the reduced solution is converted to arsine with NaBH₄ and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

FIRE ASSAY METHOD - Silver & Gold

Silver and gold analyses are done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

0.5 assay ton sub samples are fused in litharge, carbonate and siliceous fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The combined Ag & Au is weighed on a microbalance, parted, annealed and again weighed as Au. The difference in the two weighings is Aq.

F.A. - A.A. GOLD COMBO METHOD

For low grade samples and geochemical materials 10 gram samples are fused with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO3 and then treated with aqua regia. The salts are dissolved in dilute HC1 and analyzed for Au on an atomic absorption spectrophotometer to a detection of 5 ppb.

Copper, Lead, Zinc, Silver ppm:

1.0 gm sample is digested with perchloric-nitric acid (HC104-HN03) for approximately 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques. Silver and lead are corrected for background absorption.

Detection limit: Copper, Zinc - I ppm

Silver - 0.2 ppm Lead - 2 ppm

Lead, Molybdenum, Copper:

An aliquot from an acid-preserved filtered sample is taken and digested to dryness with concentrated nitric acid. The residue is dissolved in warm perchloric acid and sufficient water is added to restore the sample to proper dilution. The concentration of each element is then determined by its atomic absorption with Varian AA-5 spectrophotometer calibrated with blanks and standard metal solutions prepared similarly. Background absorption corrections was applied to the measurement of lead. The detection limit for all elements by this method is 0.01 g/ml.

Bismuth ppm:

A 2.0 gram sample is digested with concentrated HC1 and potassium chlorate. The solution is then cooled. After the addition of KI and the reduction of iron, the solution is extracted with MIBK aliquot 336 and analyzed via standard AA procedure, correcting for background absorption.

Detection limit: 0.2 ppm

Thallium and Gallium:

2 gms sample - HC104, HN03, and HF digestion - organic extraction of iodide complex and atomic absorption finish correcting for non-atomic background absorption.



