Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
GEOCHEMICAL, DRILLING	232252.00

AUTHOR(S) J. CUTTLE SIGNATURE(S) Jim Cuttle

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED YEAR OF WORK 1989

PROPERTY NAME(S) TP, Fill

COMMODITIES PRESENT Au, Ag, As, Pb, Zn

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Atlin NTS 104M/10E, 15E

LATITUDE 59° 43' N LONGITUDE 134° 39' W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved))

TP, TP-1 through TP-15, Fill-1 through Fill-8 (434 units)

OWNER(S)

(1) Cyprus Gold (Canada) Ltd. (2)

MAILING ADDRESS

#1810-1055 West Hastings St.
Vancouver B.C. V6E-2E9

OPERATOR(S) (that is, Company paying for the work)

(1) Cyprus Gold (Canada) Ltd. (2)

MAILING ADDRESS

#1810-1055 West Hastings St.
Vancouver B.C. V6E-2E9

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Au, Ag, As, Pb, Zn vein type mineralization is found in Proterozoic to Paleozoic Boundary Range Metamorphics. These units are later cut by Cretaceous to Tertiary stocks and dykes and are thought to be closely related to the mineralization.

REFERENCES TO PREVIOUS WORK

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	APPORTIONED
GEOLOGICAL (scale, area)			
Ground	20 sq Km (recon)		10000.00
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil			
Silt	10 silt	TP-4 thru TP-15, Fill 3 thru 8	3400
Rock	55 rock (Au, Ag, As, Pb, Zn, Cu, Sb,)	" "	
Other			
DRILLING (total metres; number of holes, size)			
Core	1240.69M NQ	TP-4, TP-6	201252.00
Non-core	12 HOLES		
RELATED TECHNICAL			
Sampling/assaying	240 CORE	TP-4, TP-6	14400.00
Petrographic	(Au, Ag, As, Pb, Zn, Cu, Cd)		
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)	14 sq Km (recon)	Fill-6, 7, 8, 5, TP-15	3200.00
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	232252.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted ..... Date	Rept. No.			Information Class .....

TEEPEE MOUNTAIN PROJECT 1989
(C-88-003)

Atlin Mining Division
British Columbia

NTS: 104M/10, 104M/15

Latitude: 58 43'N
Longitude: 134 39'W

For:
Cyprus Gold (Canada)Ltd.
#1810-1055 West Hastings St.,
Vancouver, B.C.
V6E-2E9

By:
Jim Cuttle
#82-1036 Premier St
North Vancouver, BC
V7J-2H2

November 10,1989

Part 2 of 2

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1.0 SUMMARY

Included in this report is the entire fieldwork program conducted on the TEEPEE Mountain project during the summer of 1989. For assessment purposes, expenses incurred from August 19/89 through September 19/89 are broken up and applied to appropriate claim groups.

The TEEPEE mineral property is located in northwestern British Columbia and includes a total of 434 mineral claims (26810 acres), all of which are located in the Atlin Mining Division. Fieldwork during the 1989 summer season involved prospecting, rock sampling, soil geochemistry, geophysics and 1371 metres of diamond drilling. Results from the program are encouraging. Five new precious metal veins were located by prospecting and one strong geochemical anomaly was isolated by soil geochemistry. These areas were drill tested and results suggest more drill work is required on specific veins with interesting core assays. There remains several other areas of precious metal enrichment that requires additional ground follow up leading possibly to the drill stage.

Nine NQ diamond drill holes (1200 metres) are recommended to test the remaining targets isolated during the 1989 field season. A crew of four, for a period of one month, would conduct geochemical follow up and diamond drill supervision. Further work would be contingent on these results.

2.0 INTRODUCTION

During the period of July 1/89 through September 19/89, Cyprus Gold (Canada) Ltd., organized and initiated a work program on the TEEPEE mountain claim group, located in the Atlin Mining Division of northwestern British Columbia. These claims are under option agreement from Auspex Gold of Vancouver and include a total of 434 mineral claim units.

A field crew of four conducted basic geological, geochemical and geophysical surveys on predetermined areas of the claim block. Results isolated five new vein type (Au,Ag,As,Pb,Zn) targets which were drill tested from August 12/89 to September 19/89. Thirteen NQ diamond drill holes were drilled with a total combined length of 1371.69 metres.

2.1 Location Access and Topography

The helicopter supported TEEPEE mountain project is found in the northwestern corner of British Columbia on NTS map sheets 104M/10 and 104M/15, centred at latitude 59 43'N and longitude 134 39'. Both Whitehorse, Yukon territory, located 140 kilometres by air north of the property , or Atlin B.C. located 50 kilometres to the east of the property can act as supply bases for camp food and equipment. These towns offer regular or charter aircraft service into their respective airports.

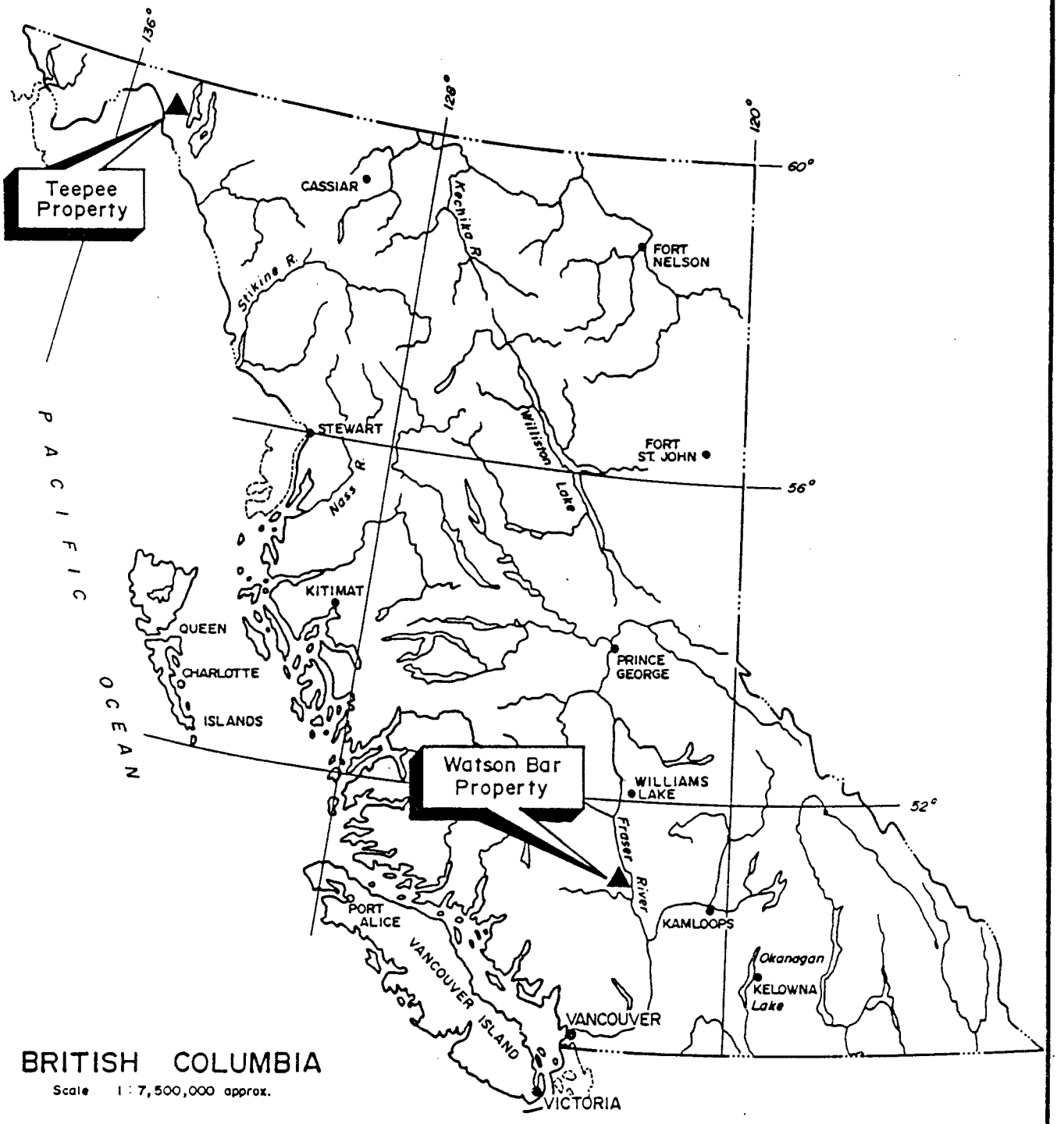
The small abandoned community of Log Cabin on the Skagway - Whitehorse Highway #2 is located only 10 kilometres west of the project area. This all weather road running through Log Cabin offers the closest and cheapest means of camp mobilization and demobilization with helicopter. The proximity of Highway #2 would make it feasible to construct a supply road from Log Cabin to TEEPEE mountain, and consequently reduce aircraft expenses and foggy weather conditions.

Much of the property is at tree line or above and offers a variety of steep glacial terrain or rolling grassy hills with rugged cirque shaped valleys. Elevations vary from 800 metres to 2240 metres from the surrounding valleys to the ice covered mountain tops. Vegetation varies from alpine mosses and grasses at higher elevations to a dense growth of spruce and balsam in the valley bottoms

2.2 Claim Status

A total of 434 units have been staked to cover the project area on and around TEEPEE mountain. The property area consists of 24 adjoining four post mineral claims all of which have been staked and recorded at various times between 1982 and 1989. Copies of the registration forms can be obtained in Victoria, Vancouver or Atlin from government agents.

The following is a status breakdown of each individual claim , including the work recorded in this report, of all the claims

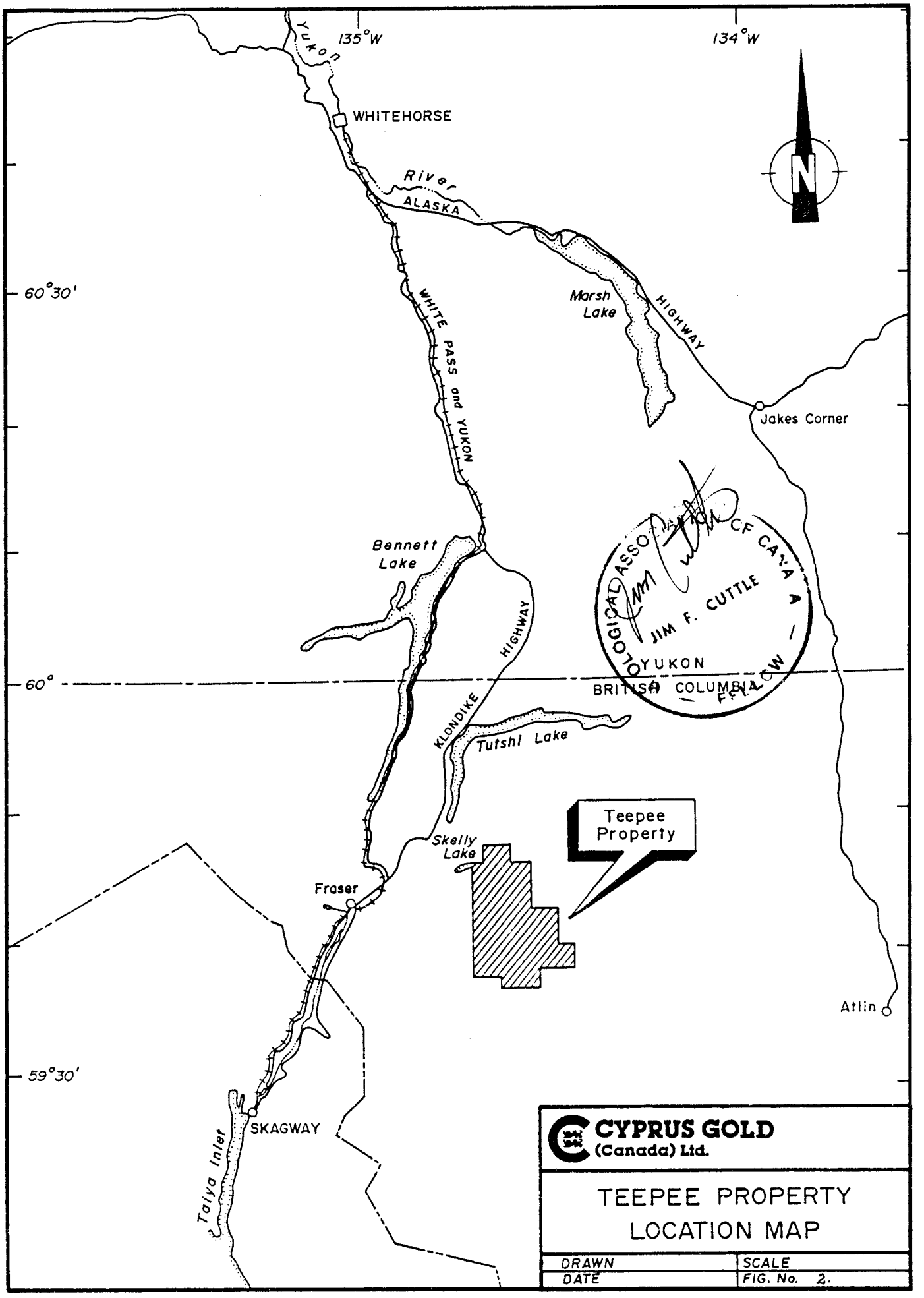


CYPRUS GOLD (Canada) Ltd.

PROJECT LOCATION MAP

DRAWN	SCALE
DATE	FIG. No. 1.

W.G.I.



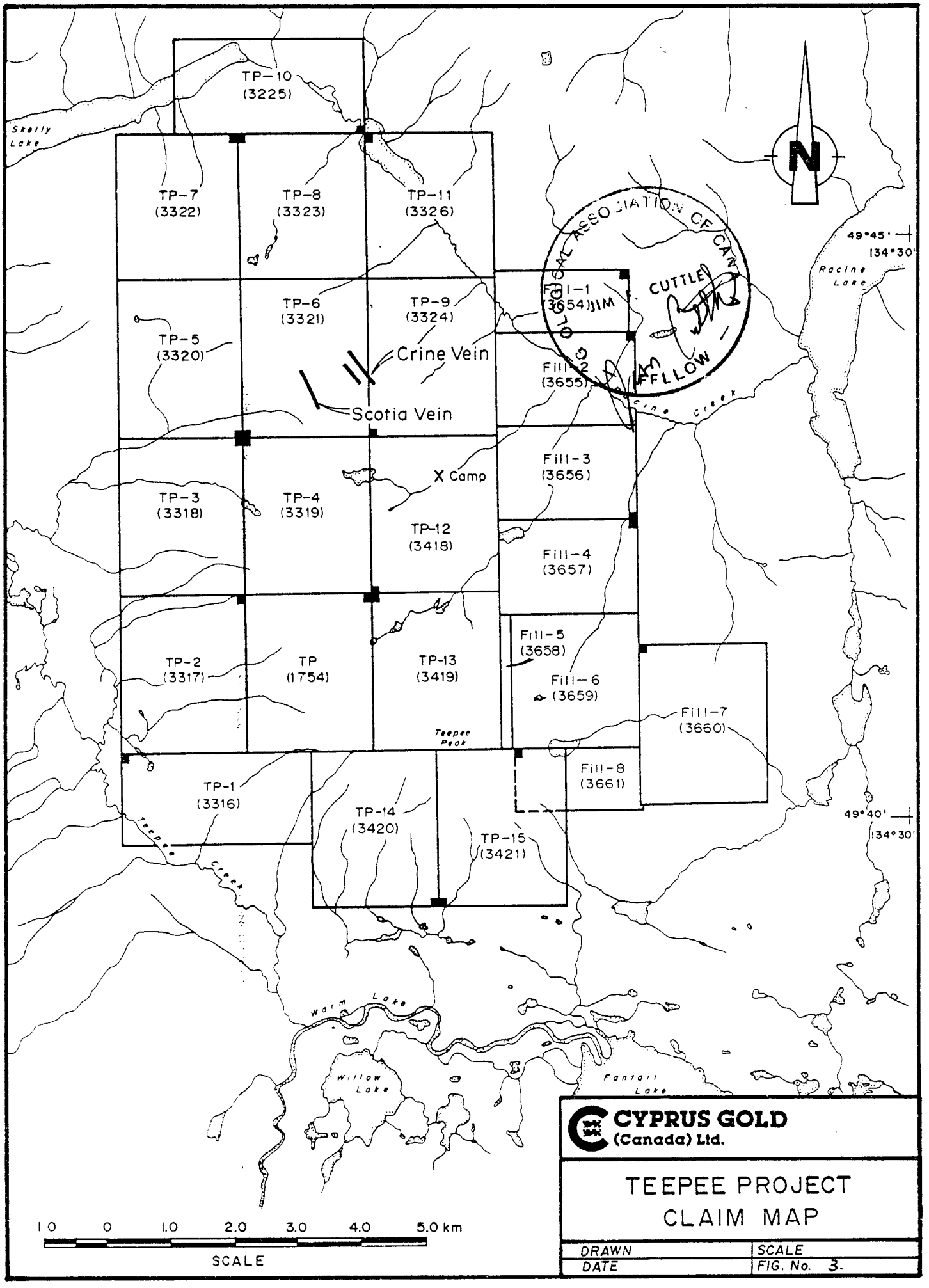
involved in the option. The earliest expiry date is presently August/92.

GROUP	CLAIM	# UNITS	RECORD #	RECORDED	ANNIVERSARY
Teepee 1	TP-6	20	3321	Aug 09/88	Aug 09/95
="="	TP-9	20	3324	Aug 09/88	Aug 09/95
="="	Fill-1	12	3654	Aug 19/89	Aug 19/95
="="	Fill-2	18	3655	Aug 19/89	Aug 19/95
="="	Fill-3	18	3656	Aug 17/89	Aug 17/95
Teepee 2	TP-4	20	3319	Aug 09/88	Aug 09/95
="="	TP-12	20	3418	Aug 23/88	Aug 23/95
="="	TP-13	20	3419	Aug 23/88	Aug 23/94
="="	Fill-4	18	3657	Aug 17/89	Aug 17/93
Teepee 3	Fill-5	8	3658	Aug 21/89	Aug 21/92
="="	Fill-6	16	3659	Aug 21/89	Aug 21/92
="="	Fill-7	20	3660	Aug 18/89	Aug 18/92
="="	Fill-8	8	3661	Aug 21/89	Aug 21/92
Teepee 4	TP-8	20	3323	Aug 09/88	Aug 09/93
="="	TP-10	18	3325	Aug 09/88	Aug 09/93
="="	TP-11	20	3326	Aug 09/88	Aug 09/93
un-grouped units during 1989 -1990 assessment year					
	TP	20	1754	Aug 24/82	Aug 24/93
	TP-1	18	3316	Aug 09/88	Aug 09/92
	TP-2	20	3317	Aug 09/88	Aug 09/93
	TP-3	20	3318	Aug 09/88	Aug 09/93
	TP-5	20	3320	Aug 09/88	Aug 09/93
	TP-7	20	3322	Aug 09/88	Aug 09/92
	TP-14	20	3420	Aug 23/88	Aug 23/92
	TP-15	20	3421	Aug 21/88	Aug 21/92

The above described quartz mineral claims are registered in the name of Cyprus Gold (Canada)Ltd. and are presently the subject of an option agreement with Auspex Gold Ltd.

2.3 History and Previous Work

The TEEPEE mountain area has received only limited amounts of hardrock and placer gold prospecting, dating back to as early as 1898 when many prospectors travelled through the area on their way to the Klondike gold rush. The first recorded field work recently dates back to 1981 when Dupont conducted large regional stream sediment surveys. This resulted in several claim groups staked over precious metal and base metal anomalies, none of which were actively followed up in the


TP-10
(3225)
Skelly Lake
TP-7
(3322)
TP-8
(3323)
TP-11
(3326)
TP-6
(3321)
TP-9
(3324)
TP-5
(3320)
Crine Vein
Scotia Vein
Fill-1
(3654)
Fill-2
(3655)
Fill-3
(3656)
X Camp
TP-3
(3318)
TP-4
(3319)
TP-12
(3418)
Fill-4
(3657)
Fill-5
(3658)
TP-2
(3317)
TP
(1754)
TP-13
(3419)
Fill-6
(3659)
Fill-7
(3660)
Teepee Peak
Fill-8
(3661)
TP-1
(3316)
TP-14
(3420)
TP-15
(3421)
Teepee Creek
Warm Lake
Willow Lake
Fantail Lake
Crine Creek
Racine Lake
49°45'
134°30'
49°40'
134°30'
N
1.0 0 1.0 2.0 3.0 4.0 5.0 km
SCALE
CYPRUS GOLD
(Canada) Ltd.
TEEPEE PROJECT
CLAIM MAP
DRAWN
DATE
SCALE
FIG. No. 3.

future years. Texaco located the TP gold, silver, cobalt showings in 1983 which are situated on the western edge of Teepee Mountain. These precious metal skarn occurrences have several trenches and pits covering relatively small massive magnetite bands. The company kept the property in good standing but failed to continue work in this area, until 1988 when Cyprus Gold (Canada)Ltd. optioned the property under joint venture agreement. It was the 1988 field work conducted by Cyprus and the prospecting work done by BCDM geologists that first isolated new vein type precious metal mineralization found on the TP-9 claim. This report describes additional and similar veins discovered during the 1989 field season.

3.0 GEOLOGY

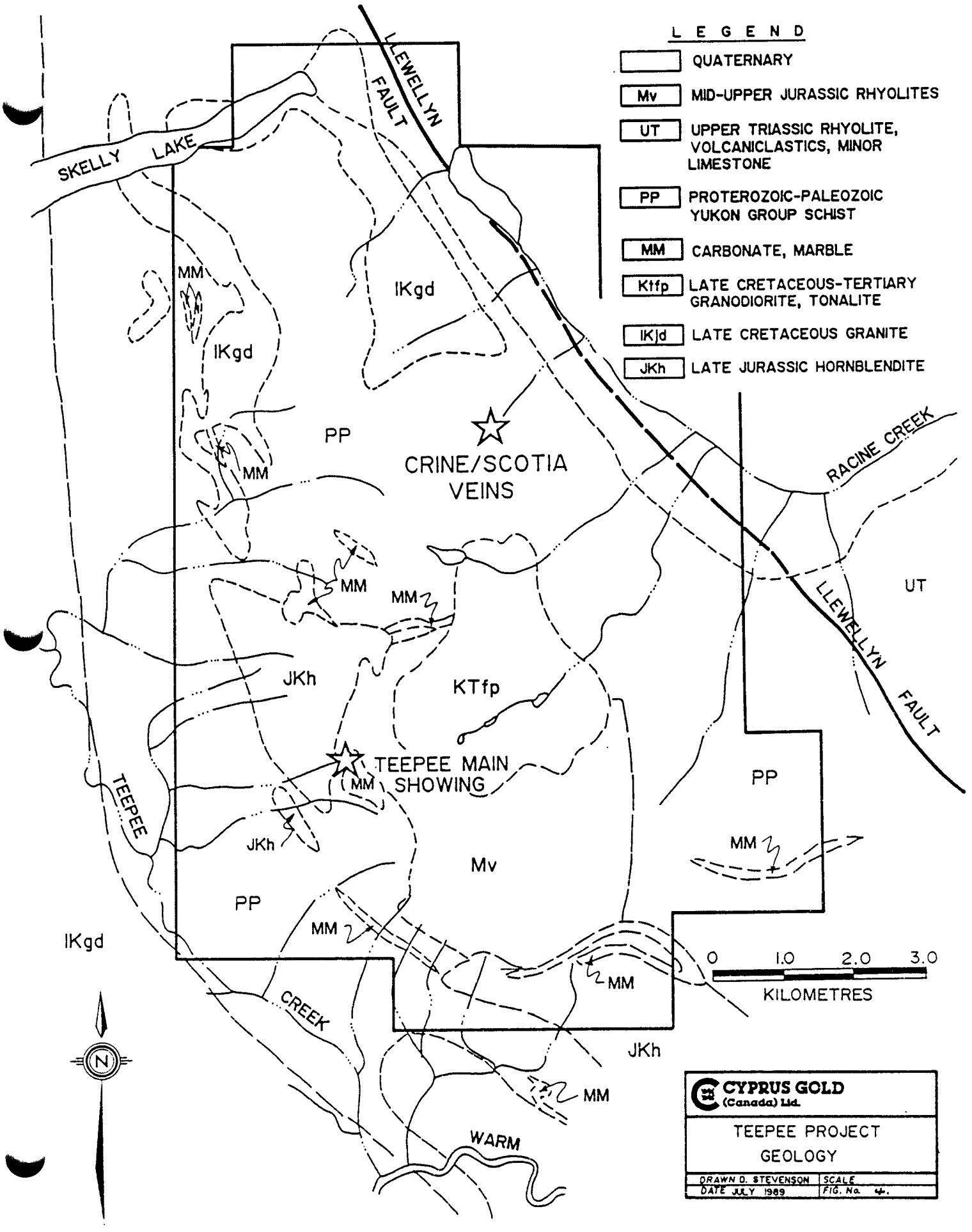
3.1 Regional Geology

Three distinct geological terrains surround and underlie the TEEPEE mountain area, all of which range in age from Proterozoic to Cretaceous/Tertiary. The oldest suite of metamorphic rocks are the Boundary Range Metamorphics. This package includes a variety of quartose, carbonaceous and calcareous schistose sediments with lessor quantities of ultramafic, gabbroic, dioritic and granodioritic intrusives. These rocks are intruded by the Coast Mountain Plutonics in the west and are in fault contact with the Laberge Group sediments and Stuhini Group volcanics in the east. Several small, possibly Cretaceous to Tertiary intrusive plugs and dykes are found cross cutting all other known rock types. These may vary in composition from rhyolitic to andesitic and in many instances occupy older fault zones and lithological contacts. The Jurassic llewellyn fault is the main north northwesterly trending structure in the area and represents a long lived zone of structural weakness separating the Boundary Range Metamorphics and the Laberge Group sediments.

3.2 Property Geology

An overall understanding of the property geology is best described by Durfeld (1988) during his regional property investigations for Cyprus Gold (Canada)Ltd. The following is a modified excerpt from his report of the property geology.

> "The oldest rocks on the TEEPEE property are dominated by a thick section of schists and gneisses which can be sub-divided into chlorite, biotite, amphibole, and/or quartz schists and gneisses to reflect the relative abundance of the constituent minerals. Horizons and/or lenses of limestone-marble were noted interfingered in the schist and gneiss. The marble-limestone is most abundant in the western and southern areas of the property, where sections with thicknesses of up to 100 metres have been mapped. Only


LEGEND
QUATERNARY
Mv MID-UPPER JURASSIC RHYOLITES
UT UPPER TRIASSIC RHYOLITE, VOLCANICLASTICS, MINOR LIMESTONE
PP PROTEROZOIC-PALEOZOIC YUKON GROUP SCHIST
MM CARBONATE, MARBLE
Ktfp LATE CRETACEOUS-TERTIARY GRANODIORITE, TONALITE
lKjd LATE CRETACEOUS GRANITE
JKh LATE JURASSIC HORNBLENDITE
SKELLY LAKE
LLEWELLYN FAULT
lKgd
MM
PP
CRINE/SCOTIA VEINS
RACINE CREEK
UT
LLEWELLYN FAULT
JKh
KTfp
TEEPEE MAIN SHOWING
TEEPEE
Mv
CREEK
WARM
0 1.0 2.0 3.0
KILOMETRES
N
CYPRUS GOLD (Canada) Ltd.
TEEPEE PROJECT
GEOLOGY
DRAWN D. STEVENSON
SCALE
DATE JULY 1989
FIG. No. 4.

isolated occurrences of marble-limestone were mapped in the eastern and northeastern areas of the property.
Unconformably capping the schists and gneiss in the central property area is a thick section of volcanics of andesitic to basaltic composition. Previous work has shown this unit to be equivalent to the Upper Triassic Stuhini Group. From his recent work M. Mihalynuk suggests these volcanics may be younger and not part of the Stuhini Group. However, just to the north of Teepee Peak these younger volcanics are intruded by monzonite to granitic stock of the Coast intrusions and would therefore have to be older than Cretaceous to Tertiary in Age.
The oldest intrusive rocks in the property area are mapped as hornblendites and pyroxenites, which are generally medium to coarse grained, show a weak to moderate foliation and are moderately to strongly magnetic. These have been mapped in the southwestern portion of the property. Medium grained diorite intrusions are found as stocks in the southwest to west property area and as dykes throughout. The diorite in part shows a weak foliation. The Upper Cretaceous Coast intrusions are mapped on the property area as medium grained equigranular granodiorite, monzonite, quartz monzonite and granite. These intrusions are mapped in the property area as a 2 kilometre diameter stock just to the north of Teepee Peak and as elongate intrusions underlying the north and northeasterly areas of the property. To the west of the property the regional mapping shows large exposures of intrusives of similar composition as the Coast intrusions. A feldspar porphyry intrusion of dacitic to rhyolitic composition is mapped as a small stock or sill in the original TP gold, silver, cobalt showings, where in part it forms the footwall to the alteration and mineralization.
Dyking predominantly with northwesterly to northerly trends is noted throughout the property area. Dykes of aplite, rhyolite, monzonite, diorite, andesite, basalt and various compositions of feldspar porphyry were noted cross cutting all lithologies."

The 1989 field program conducted by J. Cuttle for Cyprus Gold (Canada) Ltd concentrated a majority of its prospecting and field survey activity towards vein type Au,Ag,As,Pb,Zn (Scotia,Crine Veins) mineralization found within the Proterozoic to Paleozoic Boundary Range Metamorphics (PPm). These metamorphic rocks are abundantly found in the north, west, and eastern portions of the property, and include varieties of schistose sedimentary and lessor volcanic rock all of which are steeply dipping northwesterly trending units. They can be followed inconsistently for kilometres despite intense local and more moderate regional scale folding.

During the Jurassic/Cretaceous period the Llewellyn fault became active as a long lived zone of weakness separating the Boundary Range Metamorphics and the Stuhini Volcanics. This fault system located on the east side of the TP property has produced a series of paralleling north northwest structures, all of which are thought to be ideal loci

for vein type mineralization. Small Cretaceous and possibly Tertiary intrusive plugs (IKgd,IKfp,IKr) and more commonly dykes used these weak structures to intrude and temporarily heal the fault movement.

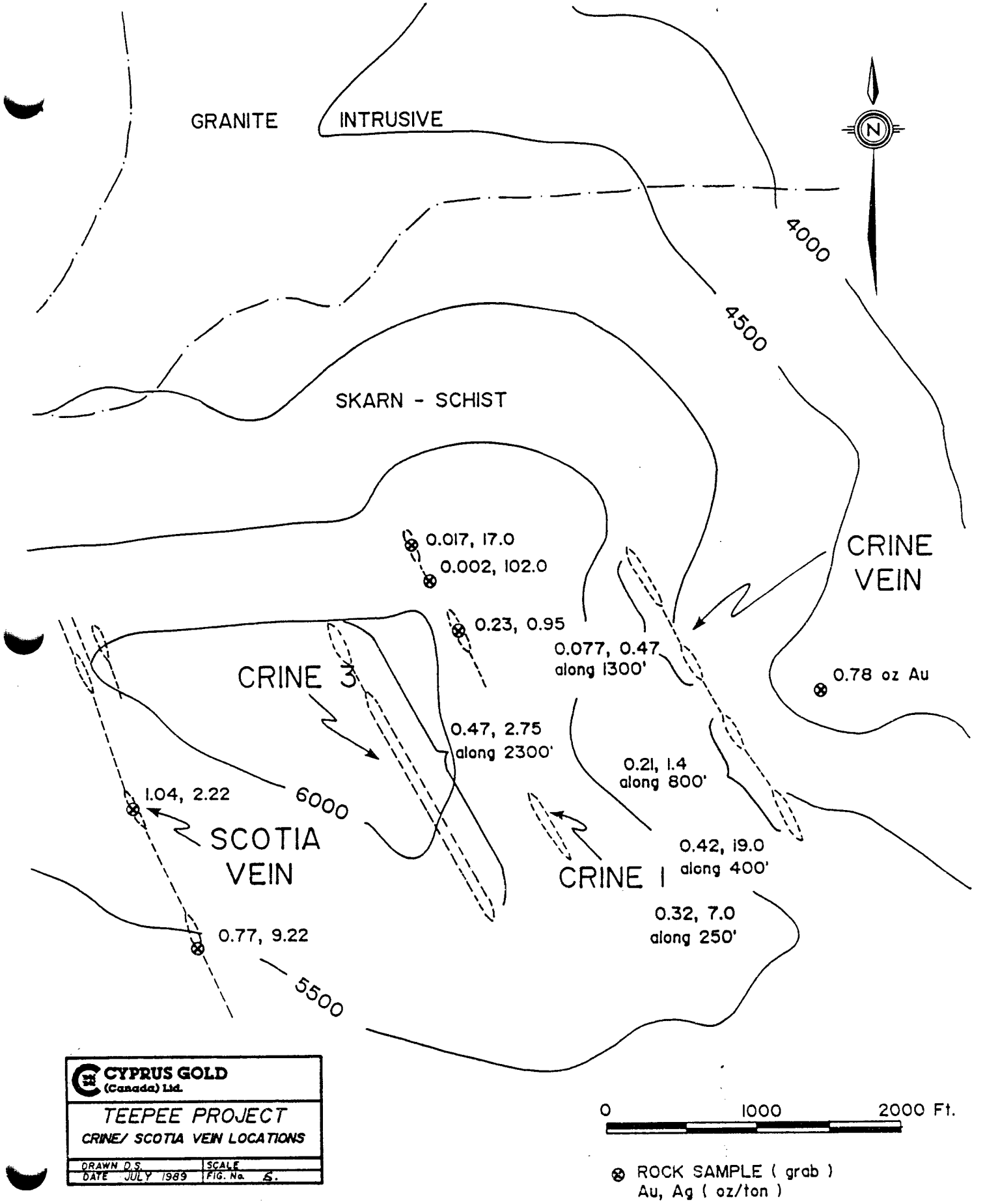
The Cretaceous to Tertiary period is thought to be the mineralizing event. It began with wide spread development of north northeast normal and strike-slip faults most of which acted as weakness zones for the intrusion of andesitic dykes (KTa). This activity may very well have re-activated the north northwest structures parallel to the Llewellyn fault and further more mineralized these zones with gold, silver, arsenic, lead zinc mineralization. The andesitic dykes occupy both nnw and nne structures and are believed to be closely associated with the mineralizing event. Post mineral faulting is evident as small nne displacement seen cross cutting Crine Vein outcrop.

3.3 Mineralization (Crine ,Scotia Veins, BX and Quartz Zones)

The property mineralization, so far isolated, consists of a series of strike persistent precious metal and base metal veins occupying zones of weakness parallel to the Llewellyn Fault system. The Crine Vein, Crine #1 and #3 Vein and the Scotia Veins are all examples of arsenopyrite rich (5%-10%) veins with gold , silver, galena, sphalerite, tetrahedrite, and minor chalcopyrite. Areas of the vein exhibit a massive nature to the galena and sphalerite , although along strike of the vein this will easily change to a dominant arsenopyrite vein in a quartz host with a lessor base metal content. Average widths of these veins as indicated by surface exposures and diamond drilling vary from 10cms to 4.1metres. They can be traced on surface intermittently up to 1.7 kilometres and are found to consistently strike between 150 and 160. Dips vary from 44 to 70 degrees to the west.

The BX zone is the down dip exposure of the Crine #1 vein. It is exposed along a steep talus covered hill side to the north of the grid and has a dominant mineralogy of chalcopyrite, tetrahedrite, galena, arsenopyrite and minor sphalerite. This zone has very low gold enrichment and represents a possible mineral zonation of the vein either down dip or along strike.

The Quartz zone, located at the southeast end of the projected Scotia Vein, consists of high grade gold assays found in a quartz graphite mix. Minor pyrite and arsenopyrite are known to occur here, with very small anounts of silver in the rock assays. This occurrence shows no direct resemblance to other veins found with in the property.


GRANITE
INTRUSIVE
N
4000
4500
SKARN - SCHIST
0.017, 17.0
0.002, 102.0
CRINE VEIN
0.23, 0.95
0.077, 0.47
along 1300'
CRINE 3
0.78 oz Au
0.47, 2.75
along 2300'
0.21, 1.4
along 800'
1.04, 2.22
6000
SCOTIA VEIN
CRINE 1
0.42, 19.0
along 400'
0.32, 7.0
along 250'
0.77, 9.22
5500
CYPRUS GOLD
(Canada) Ltd.
TEEPEE PROJECT
CRINE/ SCOTIA VEIN LOCATIONS
DRAWN D.S.
DATE JULY 1989
SCALE
FIG. No. 5.
0
1000
2000 Ft.
ROCK SAMPLE (grab)
Au, Ag (oz/ton)

4.0 PROPERTY GEOCHEMISTRY

4.1 Current Program

The aim of the geochemical program was to isolate similar precious metal vein type mineralization to that found at the original Crine Vein discovery made during the 1988 field season. This required a concentrated effort directed at the northern and eastern areas of the TP mineral property and itself involved a total collection of 744 soil samples, 82 stream sediment samples and 336 rocks. All samples were shipped to Vancouver and analyzed by Min-En Labs. Besides a small regional silt program and minor rock sampling being restricted to the north, east, and southeast portions of the property, the majority of the geochemical work was done on the TP-6 and TP-9 claims. Approximately 19 line kilometres of chain and picket grid were established 300 metres west of the original discovery of the Crine Vein. Extreme cliff conditions did not allow us to set up grid between this area. This work was carried out from July 8/89 to September 10/89 with the hope of isolating additional precious metal veins.

From this field work a better idea of threshold geochemical values were obtained and are as follows:

	Silts	Soil	Rock
Au(ppb)	>20	>20	>100
Ag(ppm)	>1.5	>1.6	>3.0
As(ppm)	>150	>200	>300
Pb(ppm)	>80	>90	>400
Zn(ppm)	>200	>300	>500
Sb(ppm)	>7	>10	>300

4.2 Stream Sediment Geochemistry

A total of 82 stream silt samples were taken, all of which were taken from active creeks or dry creek bottoms. Generally the main creeks were sampled at a 500 metre interval, and where possible seeps and smaller creeks were also analyzed.

The survey on a whole was not as successful as previously hoped. Only one area shows up as a strong and obvious anomaly while the remainder of the results are low and considered only background. The BX zone located north of the Crine #1 Vein shows up as a strong Ag,As,Pb,Zn,Cu spot anomaly and this in part is due to stream contamination from BX zone float in the creek bottom. Where one would expect anomalous values such as below the Crine and Scotia veins, these areas are void of any highly anomalous values. This is very surprising in view of the fact that in some cases the small creeks sampled here are known to drain over the mineralized zones containing several percent arsenopyrite and base metal(Pb,Zn) and up to half ounce per ton gold.

4.3 Soil Geochemistry

A total of 744 soil samples were taken over the entire grid area with the idea of isolating additional but hidden precious metal veins. This survey included sampling of the soil over and beside known vein mineralization such as the Crine #1, Crine #3 and Scotia veins. It was expected these samples would be highly anomalous and contaminated although only the Crine #1 vein showed any anomalous geochemical strike length to it. Approximately 750 metres of weak to strongly anomalous gold, silver, arsenic and lead values were isolated and later verified by the occurrence of coincident arsenopyrite vein type float. Both the Crine #3 vein and more so the Scotia vein do not show up as separate and continuous soil anomalies as their respective vein type float might have indicated. Again this is puzzling due to the concentration of ore type float samples coincident with these areas. This may reflect the true nature of the veins as being small boudinage type, strike persistent precious metal systems.

4.3.1 Phantom Zone

By far the most interesting geochemical soil anomaly is isolated on the Phantom Zone located in the middle of the grid between Crine #3 Vein and the Scotia Vein. This highly anomalous Au,Ag,As,Pb zone differs from previously known mineralized veins on the property in that it trends consistently at 110 degrees and very possibly cross cuts the Scotia vein in the west. The anomaly stretches over 800 metres but shows about 20% outcrop. To date only small pieces of mineralized float have been found in this area. Sample number SC-R-077 and SC-R-084 are typical arsenopyrite rich float found within the soil anomaly, but the source of these samples is still unknown.

4.3.2 Quartz Zone

This is an area where very high grade graphitic rich gold quartz float samples have been found, located in the southwest corner of the grid. Although there are only spot Au,Ag,As,Pb anomalies from the soil survey, there is some indication of this horizon trending westerly at 290 degrees. Considering the known float samples align themselves in this direction and the CEM survey indicates a small conductor over a 200 metre strike length, it is reasonable to conclude the spotty geochemistry is indeed valid.

4.3.3 Other Anomalous Zones

An interesting Ag,Pb,As anomaly shows up at L-11+00S,1+25E. This geochemical zone is closely flanked by anomalous rock samples and may possibly indicate the extension of the Crine #1 Vein to the south. Overburden begins to get thicker in this area and it may well be hiding new mineralization. Another Au,Ag,As,Pb anomaly that has not been investigated closely strikes from L-1+00N to L-2+00S and 5+50E to 4+50E respectively. Little is known of this zone except for two coincident rock sample grabs (AS-R-088,89). This area may correspond to a new but semi-continuous zone of mineralization similar to the Crine and Crine #1 veins.

4.4 Rock Geochemistry

Grab samples and chip samples of interesting and visually mineralized zones were taken throughout the property with a larger concentration of sampling performed over known exposures and sub outcrop of the Crine veins and Scotia Zone. A total of 336 rocks were analyzed for Au,Ag,As,Cu,Pb,Zn,Sb (and other elements), most of which are float grab samples and the remainder outcrop grabs and chips. Results of this survey indicate there is a strong correlation between Au,Ag,As,Pb,Zn,(Cd) and lessor with Cu and Sb.

4.4.1 Crine Vein (Au,Ag,As,Pb)

This arsenopyrite rich vein was found in late 1988 by B.C.D.M and Cyprus field crews. Investigation of this new vein found it to pinch and swell from a few centimetres up to 4 metres in width, although at numerous times it disappeared all together. This photograph shows the Crine Vein location in the right centre of the picture trending north across the cirque and up the other side of the hill.

Crine Vein, looking towards northwest.

The vein includes massive zones of arsenopyrite (+scorodite), pyrite and disseminated galena with small and limited amounts of dark brown sphalerite. The known strike length is 650 metres and possibly as much as 900 metres. It strikes consistently at 150 degrees.

Fourteen chip samples of 1-3 metres wide, over a strike length of 650 metres average: 0.13 oz/ton Au
0.87 oz/ton Ag
5.45% As
(samples CR-0+50S thru CR-7+00S)

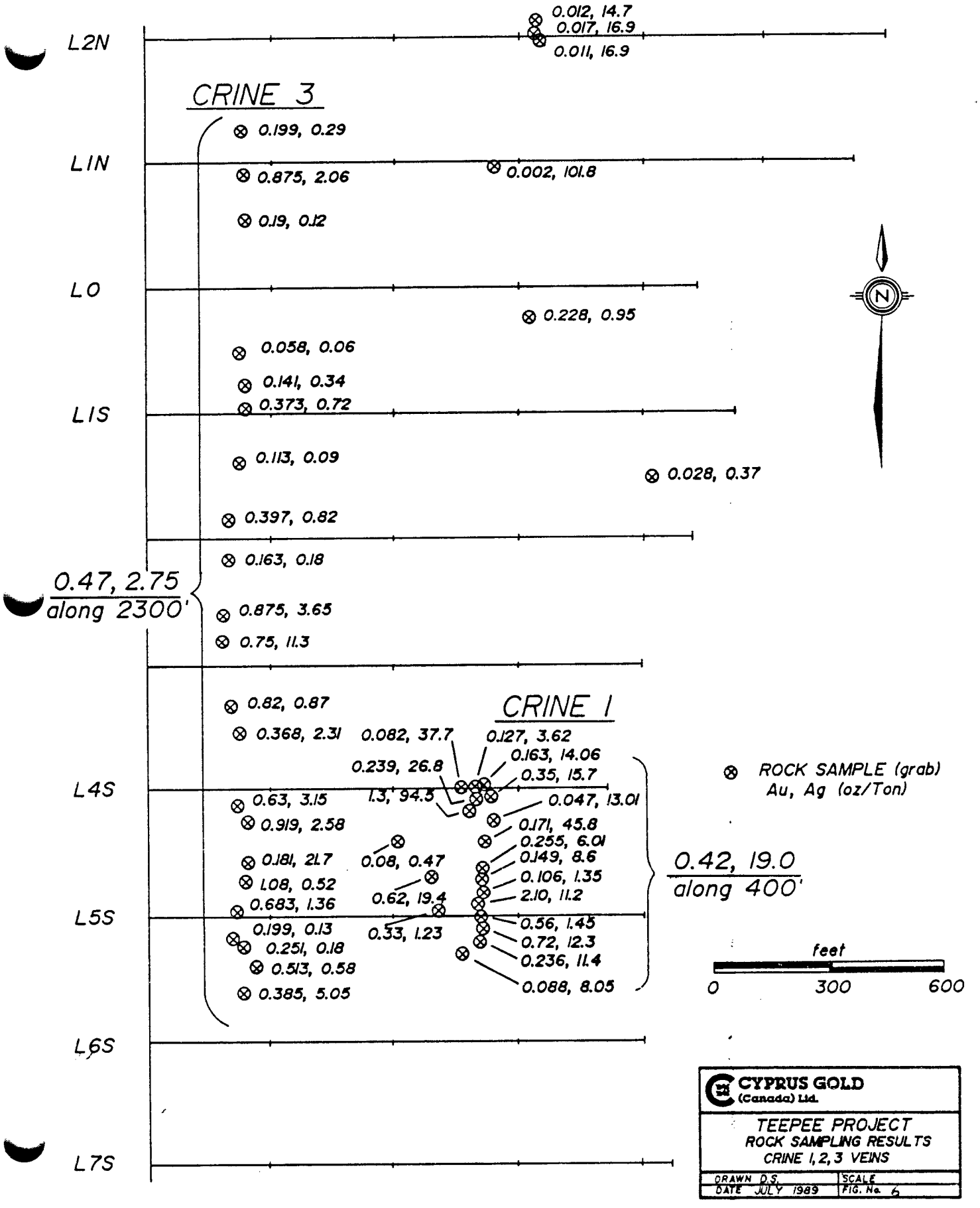
Although very strike persistent the vein is highly podiform and seems to occupy a young fracture zone along the cirque face. The vein becomes larger (1-3m) where ever cross cutting and sometimes paralleling andesitic dykes occur. These dykes are thought to have occurred contemporaneously with the mineralization and suggest they have acted as a damming feature for the ore. Although this vein dips to the west into the cirque face making it risky and expensive to drill , it can serve as an example of typical vein material found else where on the property.

4.4.2 Crine #1 and #3 Veins (Au,Ag,As,Pb,Zn)

The two newly found arsenopyrite veins strike to the northwest at 150 degrees and from a continuous string of float samples these veins are thought to be strike persistent over 700 metres if not more. There are no outcrop exposures of these veins although where the veins are cut by andesitic dykes (float exposures) the amounts and size of float boulders increase. This is particularly evident on the Crine #1 Vein at L-4+50S,2+75E and possibly the Crine #3 Vein at L-3+75S,1+00E. A damming effect of the ore may have occurred and the final settling of the ore , besides being along a northwesterly bearing of 150 degrees, it may have also accumulated along the boundaries of these northeasterly striking andesitic dykes. This does show up on the geology map as continuous float samples along the dyke boundaries. Surface sampling of the arsenopyrite rich float material gave the following results:

Crine #1 Vein	0.42 oz/ton Au
(along 125 metres)	19.0 oz/ton Ag
	5.9% As
Crine #3 Vein	0.47 oz/ton Au
(along 700 metres)	2.75 oz/ton Ag
	11.8% As

The ores are consistently rich in arsenopyrite and its weathering product scorodite. Small pods of massive to disseminated dark brown sphalerite and silvery galena are found (assays up to 15% combined Pb,Zn), although these are not common components of the surface sampling. Pyrite is also found as highly weathered blebs and disseminations through most samples. A characteristic Crine #1 Vein and to a lessor extent Crine #3 Vein


L2N
0.012, 14.7
0.017, 16.9
0.011, 16.9
CRINE 3
L1N
0.199, 0.29
0.875, 2.06
0.002, 101.8
0.19, 0.12
L0
0.228, 0.95
0.058, 0.06
0.141, 0.34
L1S
0.373, 0.72
0.113, 0.09
0.028, 0.37
0.397, 0.82
0.163, 0.18
0.47, 2.75
along 2300'
0.875, 3.65
0.75, 11.3
0.82, 0.87
CRINE 1
0.368, 2.31
0.082, 37.7
0.127, 3.62
0.163, 14.06
0.239, 26.8
0.35, 15.7
L4S
0.63, 3.15
1.3, 94.5
0.047, 13.01
0.919, 2.58
0.171, 45.8
0.255, 6.01
0.08, 0.47
0.181, 21.7
0.149, 8.6
1.08, 0.52
0.106, 1.35
0.62, 19.4
0.683, 1.36
2.10, 11.2
L5S
0.56, 1.45
0.199, 0.13
0.33, 1.23
0.72, 12.3
0.251, 0.18
0.236, 11.4
0.513, 0.58
0.088, 8.05
0.385, 5.05
0.42, 19.0
along 400'
L6S
L7S
N
ROCK SAMPLE (grab)
Au, Ag (oz/Ton)
feet
0
300
600
CYPRUS GOLD
(Canada) Ltd.
TEEPEE PROJECT
ROCK SAMPLING RESULTS
CRINE 1, 2, 3 VEINS
DRAWN D.S.
DATE JULY 1989
SCALE
FIG. No. 6

are small turquoise coloured, mm scaled chalcedonic veinlets in the ore float. These occur as random and cross cutting quartz stockworks and suggest a late stage of silica emplacement. It is not known whether these veinlets are anomalous in gold and silver. They are particularly evident where float samples are more numerous and the small andesitic dykes have possibly dammed the mineralization.

Of interest is the grab sample JC-R-104 taken along the footwall or hangingwall of the Crine #1 Vein. This graphitic rich quartz phyllite is well mineralized (0.22 oz/ton Au,16.6 oz/ton Ag) and suggest mineralized wall rock along these vein systems.

Crine Veins #1 and #3 (looking southeast at float samples)

4.4.3 Scotia Vein (Au,Ag,As,Pb,Zn)

Another arsenopyrite rich vein system was found during the 1989 field season. The Scotia Vein, located approximately 550 metres west of the Crine #3 Vein is identical in mineralogy to that of the previously discovered precious metal veins. It trends at 160 degrees and size of the float samples indicate it pinches and swells over 700 metres of strike length. The float samples found on the surface are generally very small though, except at L-2+75S,5+75W. Here the float samples are large and numerous and

include assays up to 19% combined lead zinc and over 1 ounce per ton gold. This was the site of diamond drill hole TP-89-10. From surface sampling of the float the average assay of all sampling is as follows:

Scotia Vein	0.52 oz/ton Au
(over 700 metres)	3.41 oz/ton Ag
	7.3% As

4.4.4 Quartz Zone (Au,Ag,As)

Float samples found here form a linear zone trending generally at 290 degrees from L-8+00S,6+00W. The float samples are highly weathered vuggy quartz material wth locally high graphite content. Only minor pyrite has been seen although some samples are heavily coated with limonite. Arsenopyrite is present but limited to only a few float exposures of the ore. Sample JC-R-079 (4.43 oz/ton Au) is perhaps slightly different. It is a rusty quartz boulder, heavily pitted with weathered and remnant boxwork and suggests originally a high percent of sulphide content. Alot of white vuggy quartz float found on the surface may well be weathered and washed varieties of underlying sulphide rich vein material. This area deserves closer field examination for additional float indications along strike to the west.

4.4.5 BX Zone (Ag,Cu,Pb,Zn)

This vein is the best exposed outcrop of any of the precious metel vein systems found on the property. Located in the middle of a steep and narrow draw on the south side of the cirque north of the grid, the BX Zone is thought to be a continuation of the strike persistent Crine #1 Vein from the south.

(Looking south at BX Zone)

The vein outcrops over a distance of 100 metres and varies in width from 50 cm to 1.8 metres. Vuggy yellow quartz and silicified aplite dyke are the primary hosts for the disseminated tetrahedrite, chalcopyrite, galena, sphalerite, arsenopyrite and pyrite mineralization. The zone exhibits intense quartz stockwork and brecciation within the aplite dyke. The yellow quartz (found as the hangingwall) is usually pitted with boxwork sulphide weathering and vuggy open cavity quartz growth.

The zone is primarily a silver vein with virtually no gold at all. Assays from chip samples vary from 1.0 oz/ton to 11.0 oz/ton Ag over widths of 1.0 metre to 1.8 metres. Approximately 100 metres to the south of this area up on the ridge top at L-2+00N,3+00E are numerous float samples with higher silver assays. They are as follows:

JC-R-031	16.9 oz/ton Ag
JC-R-032	14.7 oz/ton Ag
JC-R-033	16.9 oz/ton Ag
JC-R-084	10.1 oz/ton Ag and 0.14 oz/ton Au

This area needs to be drilled to test its full potential.

4.4.6 Other Zones (float samples)

Several other areas with precious metal mineralization exist within the property boundary and will require additional field follow up.

There are several inferred buried arsenopyrite rich veins forming linear zones of float along the ridge top to the east of L-1+00N,6+00E. These represent similar ore types (Au,Ag,As,Pb,Zn) to that of the Crine Veins. Little else is known as to their occurrence or strike lengths. Much of the area is covered by large talus boulders making it difficult to locate outcrop.

At L-10+75S,1+25E float samples anomalous in silver and arsenic may represent the southerly extension of the Crine #1 Vein. They are generally highly silicified quartz phyllite to yellowish vuggy quartz vein material without any visible sulphide.

To the east and northeast of Iceberg Lake located in the southeast corner of the property are several samples (AS-R-067,068,MC-R-006,007) that are anomalous in either gold, arsenic or lead. It is not known whether these samples are local or the result of glacial transport.

Approximately 750 metres to the west of the Quartz Zone is one float sample (JC-R-004) that assayed 0.14 oz/ton Au. The sample was taken from a rusty float pile of felsic material. Its source is unknown but is thought to be local.

5.0 GEOPHYSICS

5.1 Current Program

Mag, VLF-EM-16 and CEM (Shootback) surveys were all run over selected portions of the grid to help isolate potential ore bearing horizons. A total of 19 line kilometres of mag, 15 kilometres of CEM (50 metre coil separation), 3.5 line kilometres of CEM (100 metre coil spacing) and 3.3 line kilometres of VLF-EM-16 were conducted from July 8 to August 8/89.

5.2 CEM (Shootback) Survey

The inferred semi-massive to massive nature of portions of the Crine #1 and #3 Veins made this survey attractive in locating hidden mineralized targets. The projected strike of the known Crine #1 Au,Ag,As,Pb,Zn vein correlates well in most cases to small but consistent anomalies found by the shootback survey. Crine #3 and the Scotia veins are very possibly much smaller in width and consequently do not show up as well.

The Quartz Zone, with its high graphite content can be isolated and projected along strike to the west from L-8+00S,6+00W for approximately 200 metres, bearing 290. This is a very attractive target for future consideration.

(Shootback survey over Scotia Vein)

Heavy graphite occurs along the flanks of the Crine #3 Vein and shows up as a very strong anomaly coincident with the vein float material. The size and strength of this anomalous horizon was later confirmed by drilling, to be graphite.

5.3 Magnetic Survey

The entire grid was covered by proton magnetometer and results were later corrected for diurnal variation. Results isolated distinct mag high linears corresponding to highly magnetic feldspar porphyry dykes. These structures prove helpful to isolate ore material as these dykes usually occupy or are in close association with the known vein zones. Further prospecting along any of these north northwest striking linear mag high zones may indeed locate additional Crine type ore material, be it float or outcrop.

5.4 VLF-EM-16 Survey

A small survey by a Geonics EM-16 was conducted over the Phantom Zone to help isolate any sign of a possible drill target. Several spot anomalies were located, but these did not correspond to any continuous linear trend or to the strong geochemical anomaly. The survey was proved inconclusive.

6.0 DRILLING

6.1 Logistics and Current Program

Thirteen NQ diamond drill holes tested five different mineralized zones during the 1989 drill program. From August 12/89 to September 19/89 1371.69 metres were drilled by Caron Diamond Drilling of Whitehorse, the core of which is stored securely at the base camp on the property. Two holes (205.8m) were drilled on the Crine #3 Vein, seven holes (771.38m) on the Crine #1 Vein, one hole (99.0m) on the Phantom Zone, one hole (102.11m) on the Scotia Vein and two holes (203.4m) on the Quartz Zone.

6.2 Crine #3 Vein (TP-89-1,TP-89-2)

These first two holes of the drill program were spotted on the Crine #3 Vein due to the strong and coincident CEM shootback anomaly over the known location of the gold bearing arsenopyrite rich float and the strong gold geochemical anomaly.

The conductors proved to be concentrated zones of graphitic phyllite which may have very well acted as a geochemical trap for the large gold soil anomaly found at L-4+00S,0+25E to 2+00E. The holes did

intersect narrow vein material (up to 50cms) and results are as follows:

	Au(opt)	Ag(opt)	As%	Pb%	Zn%
TP-89-1 (L4+00S,0+25E)	0.081	0.58	2.92	0.43	0.39
(44.00m to 45.00m) 1.0 metre					
**(vein from 44.78 -45.00, 22 cms)					
TP-89-2 (L-1+80S,0+20E)	0.023	0.59	0.92	0.78	1.46
(50.00m to 51.00m) 1.0 metre					
**(vein from 50.50m to 51.00m, 50 cms)					

Dips of the vein are steep to the west between 69 and 73 degrees.

6.3 Crine #1 Vein (TP-89-3 to TP-89-8, TP-89-13)

The first drill holes on this vein were spotted over areas with large boulders of ore float. TP-89-3,4 drilled from L-3+62S,2+75E at -48 and -65 degrees to the east intersected the best width of vein material. The remainder of the holes were drilled from three more setups to the south along 188 metres of projected strike of the vein. This vein proved to be the most interesting for continued follow-up as widths of the vein are up to 4.11 metres wide. The zone remains open to the north and south. Limited drilling suggests this vein to be fairly shallow, tabular in form and possibly mineralogically zoned towards the south, becoming more silver rich (as seen in TP-89-8). To the north of TP-89-3,4 large amounts of surface float exists suggesting the vein continues. These samples are gold rich and indicate excellent potential of an underlying vein system. Assays are as follows for all the holes drilled through the Crine #1 Vein:

		Au(opt)	Ag(opt)	As%	Pb%	Zn%
Set-up #1	TP-89-3 (-48)	0.108	9.53	3.45	0.67	2.30
	(over 4.11 metres) Section 3+62S					
	from 39.00 to 43.11m					
	1.08m hangingwall	0.230	18.67	4.16	2.41	6.90
	** this is the widest intersection of vein material encountered in drill core. Very impressive brecciation and silicification. Intermittent zones of massive sulphide nature to vein.					
Set-up #1	TP-89-4 (-65)	0.132	2.98	1.60	1.03	1.60
	(over 1.42 metres) Section 3+62S					
	from 41.10m to 42.52m					
	** this vertically deeper hole under TP-89-3 shows the Crine #1 Vein to get smaller with depth at that section.					

Typical drill core TP-89-4, Set-up #1

TP-89-6 at Set-up #2 (looking north at Crine #1 Vein)

		Au(opt)	Ag(opt)	As%	Pb%	Zn%
Set-up #2	TP-89-5 (-44)	0.161	43.46	4.69	1.90	0.62
	(over 0.81m) Section 4+80S					
	from 38.45m to 39.26m					
Set-up #2	TP-89-6 (-65)	0.114	3.82	1.37	0.71	0.31
	(over 3.1m) Section 4+80S					
	from 40.20 to 43.30m					
	1.0m hanging wall	0.222	8.31	2.06	1.52	0.54
	** this hole has low grade Au,Ag,As,Pb,Zn mineralization indicated over a total of 9.0 metres from 39.20 to 48.20m					
	Results are:	0.076	2.85	0.93	0.61	0.37
Set-up #2	TP-89-7 (-90)	0.385	2.22	11.28	0.40	1.03
	(over 2.98m) Section 4+80S					
	from 64.09 to 67.07m					
	** this vertical hole has the best overall assays and width encountered in the drill program					
Set-up #3	TP-89-8 (-65)	0.053	35.29	3.40	1.00	0.28
	(over 1.00m) Section 5+50S					
	from 46.90m to 47.90m					
	** this hole is the most southerly hole drilled to date. It has become very silver rich suggesting a mineral zonation within the vein towards the south.					
Set-up #4	TP-89-13 (-70)	0.014	0.26	0.98	0.31	0.32
	(over 2.10m) Section 4+80S					
	from 116.20m to 118.30m					
	** drilled under TP-89-7 to check depth and continuation of higher grade material found in that drill hole. Vein mineralization still present but precious metal content very low. Crine #1 Vein may be more tabular to rectangular in shape and may not extend to depth.					

This vein is the typical arsenopyrite rich quartz hosted vein material found on the property. It is highly brecciated and silicified in most cases, and commonly includes fragments of silicified schistose wall rock, small quartz stockwork, and bull quartz. Massive and disseminated arsenopyrite galena, sphalerite, and lessor pyrite are common constituents of the vein. Contacts of the vein are usually very sharp and it dips from 43 to 50 degrees to the west. A closely associated feldspar porphyry dyke and its varieties occurs commonly as footwall marker horizons. This rock type is found in all holes drilled on the Crine #1 Vein and can accurately locate position of the vein both on surface and in drill holes. Drilling to date has indicated there exists higher grade silver assays nearer the surface intermixed and overlying gold enriched pods within the vein. This vein is highly podiform in nature and will require an accurate and patient drill program to isolate mineable shoots in the vein system.

6.4 Phantom Zone (TP-89-9)

One drill hole tested this strong and consistent geochemical anomaly, spotted at the point with the highest gold soil results. The core was very disappointing, both visually and assay wise, and no concrete explanation for this geochemical zone can yet be made. A small fault zone intersected 23 metres down hole is anomalous in Ag,As,Pb,Zn, although it is not sure whether this is responsible for the surface contamination or not.

6.5 Scotia Vein (TP-89-10)

This hole was spotted behind an area where large amounts of arsenopyrite float occurs on the Scotia Vein. Surface samples in the immediate area assayed up to 1.1 oz/ton Au, 42.5 oz/ton Ag and 15% combined Pb Zn. Drilling indicated the vein to be narrow and dip at 69 degrees to the west. Results are as follows:

	Au(opt)	Ag(opt)	As%	Pb%	Zn%
TP-89-10 (-45)	0.233	0.41	8.70	0.13	0.84
(over 0.95m)					
from 20.45m to 21.40m					

** speculation arises as to whether this drill hole has missed a thicker pod of the Scotia Vein or indeed tested its true nature. To continue a drill program here would be very risky unless one could develop better targets over a known thicker part of the vein system.

6.6 Quartz Zone (TP-89-11,12)

Two holes were drilled here under a gold bearing graphitic rich quartz boulder train with a corresponding subtle and weak CEM anomaly. The anomaly and float train both trend at 290 degrees and indicate a possible strike length of 250 metres for this zone. Strangely enough when the two holes were drilled, one under another, it was hoped a true indication of the dip would be obtained. The two holes drilled at -45 and -60 degrees intersected the graphitic quartz zone at virtually the same depth, suggesting a flat lying zone. This does not correlate to the identical graphitic rich quartz float found on the surface, where its location on surface and its intersection in drill core would suggest the system dips steeply to the west. No explanation is seen for this except for the possibility of a fault displacing the vein. Results from the drilling are as follows:

	Au(opt)	Ag(opt)	As%	Pb%	Zn%
TP-89-11 (-45)	0.139	0.44	0.69	0.09	0.09
(over 3.0m)					
from 44.25 to 47.25m					

** differs from other veins with its very low base metal assays

	Au(opt)	Ag(opt)	As%	Pb%	Zn%
TP-89-12 (-60) (over 3.05m) from 43.15 to 46.20m	0.206	0.37	0.49	0.26	0.29

There remains several drill targets within the Quartz Zone, located along projected strike to the west of these drill holes.

7.0 CONCLUSIONS

Prospecting, rock sampling and to a lessor extent soil geochemistry isolated five new mineralized zones (Crine #1 and 3,Phantom,Scotia,and Quartz Zones)on the TEEPEE mountain project during the 1989 field season. Drill targets were best defined by linear expression of gold bearing float samples suggesting underlying vein systems. These mineralized zones can also be identified by subtle but strike persistent CEM anomalies suggesting the possibility of semi-massive ores within the veins. Magnetite rich feldspar porphyry dykes are commonly found striking parallel to these ore zones and consequently the surface magnetic survey is very useful in the location of these veins when outcrop is not visible. Four out of five anomalous zones have similar rock geochemical expressions. Gold, silver, arsenic, lead and zinc are rarely found alone, although in some locations silver rich ores have no ore grade gold credit.This may represent a mineral zonation along strike within the veins and is expressed by the rock samples taken on the Crine #1 Vein from the BX Zone to L-11+00S in the south. A slightly different case is the Quartz Zone where float samples of ore are gold, silver and arsenic rich. No appreciable amounts of lead or zinc are seen. Both this zone and the Phantom Zone indicate a strike direction of 270 - 290 degrees and differ from the commonly found strike direction of 150 to 160 degrees found at the Crine and Scotia Veins. Drilling proved some of these veins (Scotia and Crine #3 Veins) to be narrow (<1.0m),. The veins have a tendency to pinch and swell along strike and possibly down dip, but it is here the best chance lies to isolate a potential orebody. The Crine #1 Vein is up to 4.1m wide and includes excellent gold silver mineralization over hangingwall and footwall portions of the vein. Drill holes in the future must be accurately spotted on this vein to adequately test for the plunge of these wider zones of the vein, be it down dip or along strike.

8.0 RECOMMENDATIONS

A month long program of geochemical follow-up and 1200 metres of NQ diamond drilling (nine holes) are recommended for the TEEPEE mountain property for a crew of four. Drilling would start in early to mid July to utilize warmer weather and consistent supply of drill water. Further work would then be contingent on these results.

8.1 Crine #1 Vein, Drilling

A total of five drill holes are recommended to be drilled on the Crine #1 Vein. These holes would be spotted with the idea of testing the dip and strike extensions of the vein.

(listed by priority)

#1 @ L-5+50S,1+50E (060,-65)	- to test the possible extension at depth of the Crine #1 Vein that was intersected in TP-89-8
#2 @ L-7+00S,2+25E (060,-45)	- to test the further extension to the south of the Crine #1 Vein, giving some credence to the silver rich float found at L-11+00S,1+25E
#3 @ L-3+50S,1+50E (060,-65)	- to test at depth, the down dip extension of the vein intersections in TP-89-3,4
#4 @ L-2+00S,1+50E (060,-45)	- will be a long hole because of icepack problems. It will test the extension of the Crine #1 Vein to the north towards the BX Zone.
#5 @ L-1+75N,2+75E (060,-45)	- to test the extension of the Crine #1 Vein just above the BX Zone. Primarily a silver zone with some high gold assays.

8.2 Quartz Zone, Drilling

Two diamond drill holes are recommended to test the CEM conductor found trending at 290 degrees coincident with the Quartz Zone. This vein zone is known to be graphite rich.

#1 @ L-8+00S,6+75W (030,-45)	- this will test the possible extension of the Quartz Zone to the West.
#2 @ L-7+00S,7+25W (030,-45)	- to test further strike extension of the vein.

8.3 Drilling, Scotia Zone

Two diamond drill holes are recommended here to investigate the strike extension of this vein. To isolate the best drill target the Scotia Vein should first be hand trenched or blasted within areas of higher float concentration, and then diamond drill holes spotted accordingly. Areas of large float concentration are as follows:

#1 L1+50N,4+50W
#2 L1+25S,5+25W
#3 in gulley at L2+75S,5+75W
Drill holes would be spotted at -45 bearing 070

8.4 Follow-up, Other zones

#1 Randomly blasting or hand trenching over the Phantom Zone to identify the cause of the Au,Ag,As,Pb,Zn anomaly.

#2 Hand trenching or blasting in areas of anomalous rock samples located east of L-1+00N,6+00E.

#3 Geochemical grid work over the area east of Iceberg Lake in the southeast corner of the property. Several Ag,As,Pb float samples have been found, their source unknown.

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APPENDIX 1

BREAKDOWN OF EXPENSES (TEEPEE 1-4 Groups)

Field time August 19 - September 19/89 and demobilization

#1	Salary and Wages	204 mandays @ 160/day average.....	32810.00
		office personnel, 6 days @ 250/d....	1500.00
#2	Drilling	TP-89-2 thru TP-89-13 12 holes for total of 1240.69 metres.....	132071.45
#3	Helicopter	Access to drill, supplies and demob 128.1 hours @ 590/hr with non camp fuel. Total = $75579.00 20% of total.....	15115.80
#4	Assays	240 core samples, 55 rocks all with air freight and 1 day turn around.....	17939.44
#5	Food	10 man camp, 300 man days.....	9970.52
#6	Camp and Helicopter Fuel and Propane	.....	3495.00
#7	Commercial Air travel and Expenses	for D. Stevenson, M and S. Cormier.....	2000.00
#8	Camp Supplies	explosives and camp equipment	2000.00
#9	Vehicle Rental and expenses	J.Cuttle, J.Hemelspeck...	2000.00
#10	Equipment Rental	Plugger, Tools, Chain saw, Radio....	1350.00
#11	Freight	Atlin Trucking	1000.00
#12	Report preparation and Drafting	estimate	9500.00
#13	Map Reproductions	.....	1500.00

TOTAL EXPENSES $ 232,252.21

TEEPEE 1 Group -	10 drill holes on TP-6 and related expenses	$184852.00
TEEPEE 2 Group -	2 drill holes on TP-4 and related expenses	$ 25400.00
TEEPEE 3 Group -	Rock sampling and prospecting	$ 10400.00
TEEPEE 4 Group - (Aug 9 - Sept 19)	Rock sampling and geological mapping (50 mandays)	$ 11600.00
	TOTAL	$232252.00

APPENDIX 2

Vancouver Petrographics Ltd.

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Report for: Alvin Jackson,
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Invoice 8361

August 24th, 1989

Samples:

4 rock samples, numbered CR-1 through CR-4, for polished thin sectioning and petrographic examination.

Results of initial microscopic examination did not provide an obvious explanation for the presence of high precious metal values. The small cut-off blocks (representing the closest possible approximation to the material actually mounted in the thin sections) were therefore sent for Au-Ag assay, for confirmatory purposes.

Results are as follows:

Sample	Au (o.p.t.)	Ag (o.p.t.)
CR-1	0.156	0.24
CR-2	0.116	26.56
CR-3	0.208	39.55
CR-4	1.224	2.82

Summary:

Samples CR-1 and CR-4 are dominated by scorodite - the secondary hydrated iron arsenate derived by the weathering of arsenopyrite. This forms porous cellular and crustified impregnations throughout a matrix which appears, in CR-1, to be a silicified and sericitized host rock with superimposed quartz veining and, in CR-4, to be largely vein quartz. Rare traces of residual pyrite and arsenopyrite are seen in CR-4. No gold could be found - even in CR-4, where the high assay would suggest the presence of optically detectable Au.

CR-2 is similar to CR-1, being an intensely silicified and quartz veined rock, but is only weakly mineralized. It contains approximately 1% of fine-grained disseminated sulfides, including arsenopyrite, galena, tetrahedrite and sphalerite.

CR-3 has a similar siliceous matrix, but is distinguished by a relatively high content of fresh sulfides - principally sphalerite. Traces of tetrahedrite in this sample are shown by SEM microprobe to be an argentiferous variety, and are presumably the source of the high Ag assay.

Individual petrographic descriptions are attached.

J.F. Harris Ph.D.

(929-5867)

SAMPLE CR-1

Estimated mode

Quartz	22
Sericite	18
Scorodite	60
Rutile	trace

This sample is an oxidized vein or silicified rock, composed of varigranular quartz and fine-grained sericite, intimately permeated by scorodite (and/or related hydrous Fe arsenates) derived from the breakdown of arsenopyrite.

The quartz forms an aggregate of grain size 0.05 - 0.2mm, much of which is diffusely flecked and pervaded by minutely fine-grained, felted sericite. This material probably represents a pervasively sericitized and silicified volcanic rock.

Sericite-free quartz occurs throughout as segregated patches, individual grains and networks of veinlets.

The scorodite forms anastomosing veinlets, crustified and cellular masses, and lozenge-shaped, euhedral pseudomorphs (after arsenopyrite) within the siliceous rock matrix. As usual with this mineral, it shows great heterogeneity in crystallinity, translucency and colour - presumably related to local compositional differences. The lack of limonite attests to paucity of pyrite in the original sulfide assemblage. In part, the scorodite may be of locally redistributed origin.

No sulfides survive, the only reflective minerals being traces of rutile, as tiny, randomly disseminated grains.

No gold was seen. The assayed values are probably accounted for by minute specks of residual native gold (released by breakdown of primary arsenopyrite) in the pores of the vuggy, careous aggregate of scorodite. These are likely to be lost from the section owing to the natural porosity of the material and its vulnerability to plucking during grinding and polishing.

SAMPLE CR-2

Estimated mode

Quartz	94
Sericite	5
Scorodite	trace
Arsenopyrite	trace
Galena	trace
Tetrahedrite	trace
Sphalerite	trace

This sample is a weakly mineralized, intensely silicified rock.

The fine-grained quartz with felted/wispy sericite inclusions (thought to represent pervasively silicified rock matrix) is much less abundant than in CR-1, and the bulk of the slide consists of veins and permeations of coarse, sericite-free, partially comb-textured quartz, of grain size 0.3 - 4.0mm.

The rock contains minor sulfides, consisting of sparsely disseminated grains of arsenopyrite, galena, tetrahedrite and sphalerite - together totalling about 1% of the rock. The arsenopyrite grains are partly altered to scorodite (which also forms some small pseudomorphs and clusters in which no sulfide survives) and the galena is partly replaced by anglesite.

Sulfides (of which arsenopyrite and derived scorodite are the commonest) form individual euhedral grains and angular, interstitial pockets, 20 - 200 microns in size, sometimes in small, semi-coalescent clumps. The different sulfide species are generally discrete and segregated. They occur within, and especially in the margins of, the vein quartz areas, and also in the silicified matrix remnants.

The tetrahedrite (shown by SEM analyses on CR-3 to be an argentiferous variety) is probably the source of the assayed Ag. One minute (5 micron) speck of possible native gold was seen within quartz.

SAMPLE CR-3

Estimated mode

Quartz	82
Sericite	trace
Scorodite	trace
Jarosite	trace
Limonite	trace
Anglesite	trace
Sphalerite	15
Pyrite	2
Arsenopyrite	1
Tetrahedrite	trace
Galena	trace
Chalcopyrite	trace
Pyrrhotite	trace

This sample is an aggregate of varigranular quartz, rather strongly mineralized by clumps and network impregnations of sphalerite.

The quartz ranges from relatively fine-grained aggregates of grain size 20 - 200 microns, to gradational pockets and irregular masses of coarser, mosaic to comb-textured aggregates of vein-type aspect.

The fine-grained phase may represent totally silicified remnants of original host rock, incorporated and partly assimilated in a stockwork of vein quartz.

The fine-grained quartz (which makes up about 50% of the slide) is host to the sphalerite clumps, and is also more or less strongly impregnated with fine-grained disseminated pyrite and arsenopyrite. The coarser vein-type quartz appears barren.

The sphalerite is a golden brown, moderately Fe-rich type. It forms clumps up to 3mm or more in size, partly formed by coalescence of much finer granules and threads (in the 20 - 200 microns size range). The more homogenous sphalerite masses contain minute specks of exsolved chalcopyrite and rare pyrrhotite.

Equant individual grains of pyrite, 0.1 - 0.3mm in size, and clusters of minute euhedra of arsenopyrite, 10 - 100 microns in size, concentrate in the quartz around the sphalerite patches (and are occasionally seen as inclusions in the peripheral zones of the sphalerite clumps themselves).

Scattered, randomly disseminated, small pockets of galena (partly altered) and tetrahedrite are seen. The latter was checked by scanning electron microprobe and found to be a strongly argentiferous variety (freibergite); it is presumably the source of the high Ag values in this sample. SEM analysis also identified a few, angular, interstitial pockets of a transparent, very high-relief mineral within quartz as anglesite ($PbSO_4$ - presumably derived by alteration of galena).

Sample CR-3 cont.

Yellow jarosite and minor limonite and scorodite locally form small pseudomorphs and coated cavities - presumably the products of alteration of pyrite and arsenopyrite. For the most part, however, sulfides in this sample are fresh.

SAMPLE CR-4

Estimated mode

Scorodite	50
Limonite	2
Quartz	48
Sericite	trace
Limonite	trace
Arsenopyrite	trace
Pyrite	trace
Galena	trace

This sample resembles CR-1 in being abundantly impregnated with porous, crustified scorodite.

Essentially, the only other constituent is quartz. This occurs as remnants of mosaic-textured and comb-textured aggregates, having a grain size of 0.2 - 4.0mm. The quartz is often permeated intergranularly by scorodite and, in many cases, appears extensively replaced. Some of the quartz remnants are individual, equant or prismatic grains, or clusters of such grains, in a matrix of scorodite. Other, more extensive patches, having the appearance of vein segments, are also seen.

Some remnants consist of clumps of quartz showing splintery, shard-like form - indicating strong brecciation and platy fracturing followed by cementation and partial assimilation by the scorodite.

The scorodite is in the form of a minutely fine-grained, locally fibrous aggregate, with abundant cellular and platy voids.

Some 20% of the slide actually consists of voids - mainly the natural porosity of the scorodite boxwork, but no doubt augmented by some physical plucking during preparation. Some of the larger, cellular cavities are coated with limonite.

Rare, unreplaced remnants of sulfides (mainly arsenopyrite and pyrite) are seen within the scorodite as scattered, ragged individuals and clusters, 0.01 - 0.1mm in size.

Despite intensive scanning under high magnification, no gold could be found. This is surprising in view of the high assay (1.2 oz/ton) but is, no doubt, a function of the porous, fragile nature of the secondary oxidized material, in which gold probably occurs as sporadic residual grains - perhaps on the walls of vugs, or otherwise loosely bound.

APPENDIX 3

ROCK SAMPLES TEEPEE MOUNTAIN ,1989

Samples taken by J.Cuttle

JC-R-001 grab Crine -@ 5030',approx 225m southeast along strike of the Crine Vein from sample TP-RD-13 of 1988 field work. Approx 1.0m wide vein with 4% Aspy, small lenses galena, 1% diss py, @ 150/60w.

JC-R-002 grab Crine -@ 4990' and approx 100m northwest along strike of JC-R-001 towards main known showing. Includes 5% Aspy 2%gal, 1% py in typical siliceous vein, 40cms wide.

JC-R-003 grab Crine -@ 4950' and approx 25m northeast along strike of JC-R-002. Includes 4 veins, each 10-30 cms wide over total vein width of 4.0m. Grab from high grade area. Aspy, py, gal in siliceous vein.

JC-R-004 Float -@ 4350'on creek above 2nd field camp during 1988. Ferricrete rich brecciated felsic material. Sample from boulder train on south side of creek.

JC-R-005 Float -from head of small lake on Porky Cr. Epidote-magnetite-calc-silicate skarn with heavy manganese stain.Float from cliff face in contact with hornblendite.

JC-R-006 Sub o/c Crine# 1 -from ridge top at 5700' now located more accurately at L-4+00S 2+75E. Massive sulphide of 5% gal, 15% sp, 5% aspy found in vein material with light green chalcedonic qtz veins and vuggy qtz. Heavy yellow/green weathered arsenic stain.

JC-R-007 Sub o/c Crine 1 -same loc as JC-R-006. Vuggy qtz material with 5% aspy and greenish/grey chalcedonic qtz stockwork. Minor diss py.

JC-R-008 Float -south side of Porky Cr @ 4650'. Grey/white aplite dyke with 2% diss aspy as fracture fills and sulphide may replace epidote?

JC-R-009 Float -same loc as JC-R-008. Felsic dyke with diss aspy throughout.

JC-R-010 Float Crine 3 - L 5+60S,0+75E. Weathered aspy vein

JC-R-011 " " - L 5+40S,0+85E. " "

JC-R-012 " " - L 5+23S,0+75E. " "

JC-R-013 " " - L 5+20S,0+68E. " "

JC-R-014	Float	Crine 3	- L 5+00S,0+70E. Weathered aspy vein
JC-R-015	"	"	- L 4+75S,0+77E. " "
JC-R-016	"	"	- L 4+60S,0+78E. " (parts fresh)
JC-R-017	"	"	- L 4+25S,0+80E. Highly weathered
JC-R-018	"	"	- L 4+15S,0+72E. "
JC-R-019	"	"	- L 3+55S,0+75E. "
JC-R-020	"	"	- L 3+35S,0+65E. "
JC-R-021	"	"	- L 2+80S,0+60E. "
JC-R-022	"	"	- L 2+60S,0+60E. "
JC-R-023	"	"	- L 2+15S,0+65E. " (parts fresh)
JC-R-024	"	"	- L 1+85S,0+65E. Fresh aspy vein
JC-R-025	"	"	- L 1+40S,0+75E. "
JC-R-026	"	"	- L 1+00S,0+78E. Highly weathered vein
JC-R-027	"	"	- L 0+80S,0+77E. " "
JC-R-028	"	"	- L 0+55S,0+75E. " (qtz rich)
JC-R-029	"	"	- L 0+50N,0+80E. Weathered aspy vein
JC-R-030	"	"	- L 0+85N,0+80E. " "
JC-R-031	"	Crine 1	- L 2+00N,3+10E. " (qtz rich)
JC-R-032	"	"	- L 2+12N,3+10E. " "
JC-R-033	"	"	- L 2+03N,3+10E. " (qtz stockwork)
JC-R-034	"	"	- L 0+25S,3+02E. Siliceous phyllite
JC-R-035	"	"	- L 0+95N,2+75E. Massive galena

JC-R-036 sub o/c - 2.2 km north northeast of TP peak at 5940'. Brecciated siliceous phyllite with clay alteration and minor aspy stain.

JC-R-037 " - same loc as JC-R-036. Qtz stockwork hosted by amorphous qtz within brecciated shear zone. Float trail @ 162 degrees.

JC-R-038 Float - @ 4650' in valley south of camp that drains TEEPEE PEAK glaciers. Aplite dyke with 1% diss aspy.

JC-R-039 " Crine - @ 5400' along ridge back north of main Crine vein. Weathered vein material with yellow/grey oxide stain from aspy.

JC-R-040 " Crine 3 - L 10+35S,0+30E. Large boulders of weathered yellow/grey aspy rich vein material with qtz stockwork.

JC-R-041 " - @ 4750' on creek above camp draining small lake. Epidote magnetite manganese skarn. Abundant float.

JC-R-042 sub o/c Scotia - L 2+70S,5+75W. Massive Pb,Zn with aspy stain. Site of drill hole TP-89-13.

JC-R-043 " " - same loc as JC-R-042. Typical aspy rich highly weathered vein material similar to Crine #1 and #3 veins

JC-R-044 sub o/c BX Zone (Crine #1) - @ 5700' due north of L-2+00N,3+00E. Siliceous and brecciated phyllite. Stockwork qtz veining (mm scale) with massive qtz sections and minor py blebs.

JC-R-045 0.8m chip " " - @ 5670'along strike of JC-R-044. Hanging wall siliceous and altered aplite dyke, with complete SiO2 replacement and heavy boxwork weathering. Mineralized with cp,tet,and minor gal. Trend at 155 degrees.

JC-R-046 Grab " " - @ 5640'. Hanging wall of siliceous aplite dyke, with boxwork weathering.

JC-R-047 Float Scotia Vein - L 4+15N,4+35W. Weathered aspy vein with py.

JC-R-048 " " - L 3+90N,4+30W. " "
" "

JC-R-049 " " - L 3+60N,4+30W. Highly weathered aspy vein.

JC-R-050 " " - L 3+10N,4+50W. " "
" "

JC-R-051 " " - L 2+60N,4+50W. " "
" "

JC-R-052 " " - L 2+50N,4+40W. Phyllite with weathered aspy vein material.

JC-R-053 " " - L 2+15N,4+50W. Weathered vein.

JC-R-054 Float Scotia Vein - L 1+95N,4+55W. Weathered aspy vein.

JC-R-055 " " - L 1+70N,4+65W. " " " Taken from ground squirrel hole.

JC-R-056 " " - L 1+50N,4+60W. Aspy and pb in weathered vein.

JC-R-057 " " - L 1+30N,4+55w " " " "

JC-R-058 o/c " - L 1+15N,4+55W. Aspy rich vein approx 3cm along hanging wall.

JC-R-059 " " - L 1+15N,4+55W. Hanging wall phyllite and siliceous sediments.

JC-R-060 Float " - L 0+95N,4+70W. Aspy rich vein with diss py.

JC-R-061 " " - L 0+93N,4+80W. " " " "

JC-R-062 " " - L 0+60N,5+05W. Aspy rich vein

JC-R-063 " " - L 1+10S,5+30W. " (+ gal)

JC-R-064 " " - L 1+25S,5+35W. " "

JC-R-065 " " - L 1+50S,5+45W. " "

JC-R-066 " " - L 2+40S,5+80W. Aspy vein + gal

JC-R-067 " " - L 2+70S,5+80W. " " 10m west of AS-R-035.

JC-R-068 " " - L 2+75S,5+85W. Aspy rich vein.

JC-R-069 " " - L 3+05S,5+80W. " " float from uphill @ JC-R-068.

JC-R-070 " " - L 2+10N,7+05W. Pyrite rich float with minor aspy. Limited amount of float.

JC-R-071 o/c grab - @ 4370' approx 50m southwest of JC-R-004. Brecciated and altered phyllite with interstitial qtz as open cavity growth. Breccia zone @ 063/90.

JC-R-072 Float - uphill from JC-R-004 approx 10m. Iron stained argillaceous sediment with fracture fills of rusty qtz veining. Minor py.

JC-R-073 Float - uphill 15m from JC-R-004. Argillaceous (hornfels) sediment with minor clay alteration and x-cutting qtz veinlets.

JC-R-074 " - uphill 25m from JC-R-004. Rusty qtz boulder at head of sulphide boulder train.

JC-R-075 float Quartz Zone -@ L 8+45S,5+75W. Graphitic rich boxwork style weathered qtz stockwork to a massive qtz vein. No visible sulphide.

JC-R-076 " " - L 8+50S,5+75W. Vuggy qtz stockwork within qtz rich host. Minor graphite ,with minor py.

JC-R-077 " " - L 8+55S,5+75W. Vuggy qtz vein with weathered boxwork and remnant py.

JC-R-078 " " - L 7+80S,5+75W. Typical aspy rich silica vein.

JC-R-079 " " - L 8+25S,6+10W. Weathered vuggy qtz vein with boxwork from sulphide. Graphite is obvious.

JC-R-080 " " - L 9+10S,5+80W. Qtz rich float with py, aspy, and graphite.

JC-R-081 " " - L 9+25S,5+70W. Clay altered qtz rich zone of float with diss py and fine aspy.

JC-R-082 " Crine #1 - L 1+70N,3+15E. Float of large qtz vein material with aspy, gal, and minor cpy. Qtz stockwork very obvious. Large boulders throughout.

JC-R-083 " " - L 1+65N,3+12E. Qtz vein and stockwork material with diss aspy and gal.

JC-R-084 " " - L 1+25N,3+20E. Clay altered greenish chalcedonic rich vein material.

JC-R-085 " " - L 1+18N,3+20E. Qtz stockwork with py, aspy stain, and phyllite fragments.

JC-R-086 " " - L 1+18N,3+20E. Clay altered chalcedonic vein material similar to JC-R-084.

JC-R-087 " " - L 1+07N,3+22E. Vuggy qtz vein with aspy and py.

JC-R-088 " " - L 0+75N,3+15E. Phyllitic schist with qtz stockwork and aspy stain.

JC-R-089 Float AV Zone - approx 1600m northwest of grid L 0+00 Base Line. Rusty py rich siliceous schist.

JC-R-090 " Scotia Vein - L 1+60N,7+00W. Typical aspy rich float. Large boulder.

JC-R-091 " - @ 5260' north of Crine grid across valley near top of ridge. Siliceous grey phyllite with qtz stockwork. Minor brecciation and no visible sulphide.

JC-R-092 " - @ 4780' north of grid at head of cirque. Aspy rich vein material.

JC-R-093 " BX Zone - found at bottom of cirque at north end of Crine #1 off grid. Malachite stained qtz vein.

JC-R-094 " - @ 5840' along southeast boundary of TP claim group. Vuggy open cavity chalcedonic qtz growth with brecciated phyllite fragments. No sulphide.

JC-R-095 " - @ 5300' beside AS-R-073 along southeast side of TP claim on northeast trending ridge. Silicified graphitic phyllite with vuggy qtz stockwork.

JC-R-096 " Phantom Zone - L 2+30S,1+80W. Aspy rich qtz vein highly brecciated and weathered. Similar to Crine vein material.

JC-R-097 Sub o/c " - L 2+00S,2+25W. Stringers of qtz to qtz boudins in qtz muscovite schist. Minor iron stain and trace py.

JC-R-098 " " - L 0+80S,3+80W. Qtz boudins with aspy stain(?), in qtz muscovite/sericite schist.

JC-R-099 " " - L 0+25S,4+90W. Graphitic rich qtz phyllite , partly brecciated, with iron stain and py.

JC-R-100 Float " - L 0+10N,5+00W. Blue qtz with minor py,cp,aspy.

JC-R-101 o/c grab " - L 2+00N,7+00W. Qtz sericite schist with py and chlorite.

JC-R-102 1.0m chip Scotia Vein - L 2+75S,5+80W. Chip sample over hanging wall of iron stained partly graphitic schist.

JC-R-103 o/c grab - approx L 12+00s,0+85W. Qtz stockwork in siliceous phyllite.

JC-R-104 Float Crine 1 - L 4+20S,2+60E. Siliceous graphitic phyllite possibly as footwall or hanging wall to Crine #1 vein

JC-R-105 Float - @ 5400' in southeast end of property beside creek draining iceberg lake. Siliceous qtz banded and partly brecciated vein with traces diss py. Approx 100m downslope from AS-R-070.

JC-R-106 " - @ 5100', and downslope from JC-R-105. Vuggy qtz vein with high % of diss py.

JC-R-107 " - @ 4960' down slope from JC-R-106. Open cavity qtz growth in highly brecciated vein material. 5-10% py. Large boulders over extensive area.

JC-R-108 " Phantom Zone - L 2+80S,1+90W. Typical aspy type ore with 1-2% gal.

JC-R-109 " " - L 2+25S,1+85W. " " (no pb)

JC-R-110 " Crine 1 Vein - L 10+00S,2+00E. Similar to JC-R-104.

Highly siliceous fine phyllite, with minor qtz stockwork and aspy stain.

JC-R-111 " - approx L 16+00S,2+50E. Across creek on flat valley bottom. Siliceous graphitic sediment, similar to ore zone at Crine 1 and sample JC-R-104 that ran high silver.

JC-R-112 " Crine 1 Vein - L 11+10S,1+55E. Siliceous grey siltstone with minor iron and yellow stain along and in qtz boudins.

JC-R-113 " " - L 11+20S,1+35E. Qtz vein float with potty weathered sulphide holes and yellow stain. Minor weathered aspy.

JC-R-114 " " - L 11+20S,1+40E. Intense qtz stockwork in siliceous phyllite. Total silica replacement.

JC-R-115 " " - L 10+75S,1+18E. Limonite stained qtz rich material, highly oxidized.

JC-R-116 " " - L 10+50S,1+45E. Siliceous grey siltstone with small bands of qtz. Minor qtz stockwork with no visible sulphide.

JC-R-117 " - L 10+35S,0+10E. Silicified siltstone to qtz mica schist with stockwork and aspy stain. Large boulders of float.

JC-R-118 " - @ 4290' on Later Cr. just below original Crine Vein, and 10m above SC-R-001. Sample of qtz vein with layers of 1cm gal with diss py.

JC-R-119 " - @ 5550' above Silty Lake in southeast end of property. Siliceous and brecciated qtz zone with iron stain and qtz stockwork.

JC-R-120 Float - @ 6070' and 1.1 km north of Iceberg Lake. Vuggy qtz breccia and strongly iron stained with minor diss py.

JC-R-121 " - same as JC-R-120. Fine grained light purple grey, silicified qtz mica schist, with heavy iron stain and vuggy qtz veining. Minor diss py.

JC-R-122 " - @ 6040' and 50m north at bearing 023 from JC-R-120,121. Light purple grey schist with abundant qtz stockwork and qtz breccia.

JC-R-123 " - @ 6000' and 50m along bearing 012 from JC-R-122. Siliceous purple grey qtz mica schist with abundant qtz stockwork.

JC-R-124 " - @ 6140' and 1.0 km northwest along bearing 345 from Iceberg Lake. Fine grained massive grey green rhyolite to rhyodacite with 3-5% diss py.

JC-R-125 o/c - @ 6140', approx 25m south of JC-R-124. Fine grained grey qtz mica schist with abundant qtz sweats. Minor diss py.

JC-R-126 " - @ 6140' approx 10m south of JC-R-124. Massive fine grained white rhyolite dyke with diss py. Trend of 043/50nw and is 2m wide.

JC-R-127 " - @ 6000'. 500m northwest bearing 350 from Iceberg Lake. Fine grained epidote, calcite, manganese, garnet, actinolite skarn. 3m x 3m trending 026/45se.

JC-R-128 " - @ 4260'. Located 1.5km southwest bearing 165 from eastern tip of Skelly Lake. Vuggy qtz breccia with stockwork qtz veining. No visible sulphide. 40cms wide.

JC-R-129 " - @ 4770'. Located 1.5km southeast bearing 170 from eastern tip of Skelly Lake. Fine grained qtz mica schist with 2% diss py.

JC-R-130 " - @ 4250'. 1.3 km bearing 165 from eastern tip of Skelly Lake. Fine grained, silified dark sea green qtz mica schist with 5% diss sulphide.

JC-R-131 " - @ 4020'. 990m southwest bearing 200 from Skelly Lake. Fine grained silicified qtz mica schist with 5% diss py.

JC-R-132 " - @ 3950'. 770m southwest bearing 195 from eastern tip of Skelly Lake. Fine grained siliceous and highly gossanous qtz mica schist with 5% diss py.

JC-R-133 o/c - @ 3680'. 600m southwest bearing 210 from eastern tip of Skelly Lake. Fine grained gossanoue qtz mica schist with 5% diss py.

JC-R-134 Float - on ridge at 5880' in the Mt Clive Range across the valley east of camp and south of Racine Lake. Sample just south of Mt Clive intrusive plug. Qtz veins in weathered dyke with diss and stringer aspy. Float trends north northwesterly.

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Samples taken by S. Cormier

SC-R-001 Float - @ 4500' on Quick Brook in north end of property. Silicified schist with pyrite.

SC-R-002 o/c grab - @ 3650' approx 50m east of Quick Brook. Gossanous o/c, dark grey schist with qtz and sugary texture. Minor pyrite.

SC-R-003 " - @ 3300' approx 50m east of Quick brook in north end pf property. Rusty schistose rock with minor pyrite.

SC-R-004 " - @ 4200' on Later Cr just below or east of Crine Vein. Rusty schist with only minor sulphide.

SC-R-005 " - @ 3675' on Later Cr. Qut veins in schist with minor pyrite.

SC-R-006 " - @ 3600' on Later Cr below and east of Crine Vein. Qtz veins in schist with pyrite and minor galena. Partly graphitic.

SC-R-007 Float L-3+00S,1+25E. Silicified schist with sulphides.

SC-R-008 " Crine #1 Vein - L 4+00S,2+60E. Aspy rich float

SC-R-009 " " " - L 3+98S,2+65E. "

SC-R-010 " " " - L 4+05S,2+70E. "

SC-R-011 " " " - L 4+20S,2+75E. "

SC-R-012 " " " - L 4+30S,2+60E. "

SC-R-013 " " " - L 4+62S,2+65E. "

SC-R-014 " " " - L 4+90S,2+62E. "

SC-R-015 " " " - L 5+10S,2+65E. "

SC-R-016 Float Crine #1 Vein - L 4+70S,2+25E. Aspy rich float.

SC-R-017 " " " - L 5+30S,2+50E. "

SC-R-018 " " " - L 1+50S,4+00E. "

SC-R-019 " Crine #3 Vein - L 1+25N,0+75E. "

SC-R-020 o/c grab - @ 5700' on ridge along Porky Cr south of camp. Felsic dyke with diss pyrite. Trend 020/75w.

SC-R-021 " - @ 5700. Same as AS-R-020. Trend @ 020/80w.

SC-R-022 " - @ 5500' on ridge along Porky Cr south of camp. Fragmental intermediate volcanic adjacent to felsic dyke. Part of Teepee Volcanics.

SC-R-023 Float - @ 5450' on ridge along Porky Cr south of camp. Felsic dyke with chlorite and minor pyrite.

SC-R-024 " - @ 5450', same loc as SC-R-023. Rusty granitic boulder.

SC-R-025 " - @ 5250', on ridge along Porky Cr south of camp. Rusty granitic boulder.

SC-R-026 " - @ 5200' on ridge south of camp above Porky Cr. Skarn with epidote and magnetite.

SC-R-027 " - @ 5200'. Same as SC-R-026.

SC-R-028 " - @ 4900' above and south of camp. Felsic dyke with pyrite cubes.

SC-R-029 o/c grab - @ 4700' on ridge above Porky Cr south of camp. Schist with rusty qtz veining.

SC-R-030 Float - @ 4700'. Same loc as SC-R-029. Qtz boulder with pyrite.

SC-R-031 " - @ 4750' on ridge above Porky Cr south of camp. Rusty schist with minor qtz.

SC-R-032 " - @ 4800' on ridge above Porky Cr south of camp. Intermediate to mafic dyke with sulphides. Trends @ 160/90.

SC-R-033 " - @ 4800'. Same loc as SC-R-032. Qtz in schist adjacent to dyke.

SC-R-034 o/c grab - @ 5000' elevation and 550m west of camp. Schist with qtz in close contact with intrusive plug and mafic dyke. Includes minor pyrite.

SC-R-035 o/c grab - @ 5400' and 1.2 kms north west of camp on hill top. Felsic dyke in north west trending fault. Minor pyrite.

SC-R-036 " - L 7+10S,3+50W. Very small vein with gal and aspy.

SC-R-037 Float Scotia Vein - L 1+50N,4+75W. Typical aspy rich vein material with galena and pyrite.

SC-R-038 o/c grab - @ 5000' on north side of valley along pass 2.0 kms west of camp. 1' wide altered schist, gossanous. 090/90

SC-R-039 Float - @ 4880' on same pass as SC-R-038. Qtz boulder with minor chalcopyrite.

SC-R-040 " - near Foggy Lake. Schist with qtz veining and malachite staining.

SC-R-041 o/c grab - near Foggy Lake. Vuggy qtz vein in schist with minor aspy.

SC-R-042 1.0m chip BX Zone (Crine #1) Felsic breccia zone with qtz stockwork.

SC-R-043 o/c grab BX Zone (Crine #1) Qtz stockwork in silicified mafic dyke with chalcopyrite, galena, and malachite.

SC-R-044 Float Scotia Vein - L 4+35N,3+75W. Aspy rich vein

SC-R-045 " " - L 4+00N,3+80W. "

SC-R-046 " " - L 3+70N,3+85W. "

SC-R-047 " " - L 3+00N,4+25W. "

SC-R-048 " " - L 3+00N.4+15W. "

SC-R-049 " " - L 0+25S,5+25W. "

SC-R-050 " - L 10+25S,0+00. Large Crine typr boulder with brecciation, silicification, and minor aspy.

SC-R-051 o/c grab - L 5+00S,4+50W. Schist with contorted and rusty qtz veinlets.

SC-R-052 Float Scotia Vein - L 5+60S,5+25W. Rusty boulder with qtz veining and sulphides.

SC-R-053 o/c grab " - L 4+25N.3+85W. 12" shear zone in schist with abundant yellow stain and minor qtz.

SC-R-054 " " - L 4+25N,3+85W. 6" vein of aspy rich vein material similar to other main Scotia Vein areas. Approx 15' east of SC-R-053.

SC-R-055 o/c grab Scotia Vein - L 4+25N,3+85W. Shear zone with yellow stained schist. Approx 10' east of SC-R-054.

SC-R-056 Float - L 2+25N, 1+75W. Aspy rich float. Source unknown.

SC-R-057 o/c grab Scotia Vein - L 3+50S,5+50W. Bull qtz vein in schist with minor pyrite.

SC-R-058 Float - found along western edge of Fill claims north of Iceberg Lake. Siliceous schist with qtz stockwork and minor iron stain.

SC-R-059 " - western edge of Fill claims north of Iceberg Lake. Stockwork qtz breccia, vuggy and rusty.

SC-R-060 " - 25m north of SC-R-059. Vuggy qtz with weathered aspy(?).

SC-R-061 " - north of Iceberg Lake along western boundary of Fill claims. Vuggy qtz boulder with minor py. At 6000'.

SC-R-062 " - similar location. Felsic dyke with qtz stockwork.

SC-R-063 " - @ 6080' north of Iceberg Lake. Rusty qtz vein with weathered aspy(?).

SC-R-064 " - @ 6150' north of Iceberg Lake. Weathered skarn, greenish brown, very soft, with minor vuggy qtz in matrix.

SC-R-065 o/c - @ 6300' north of Iceberg Lake on western edge of Fill claims. Silicified schist with aspy.

SC-R-066 o/c - @ 6200' north of Iceberg Lake on west edge of Fill claims. Silicified schist.

SC-R-067 Float - @ 5850' at Iceberg Lake. Vuggy qtz stockwork in brecciated vein material.

SC-R-068 " - same loc as SC-R-067. Rusty skarn type material.

SC-R-069 " -@ 4250' south of Later Cr approx 1.0km. Silicified volcanic with py and aspy(?).

SC-R-070 Float - @ 4300' south of Later Cr approx 1.0km. Silicified schist with yellow stain from aspy(?).

SC-R-071 o/c - @4550' south of Later Cr approx 1.0km. Qtz vein with small vuggy openings and traces py.

SC-R-072 " - south of Later Cr approx 1.0km. Qtz boudin in graphitic schist. Pyrite is present.

SC-R-073 " - just above SC-R-072. Rusty graphitic schist with vuggy qtz.

SC-R-074 " - @ 4900' south of Later Cr approx 1.0km. Rusty qtz vein in graphitic schist.

SC-R-075 " - same loc as SC-R-074. Rusty qtz vein in graphitic schist with minor chalcopyrite.

SC-R-076 " Phantom Zone - L 2+00S,2+25W. Fine grained felsic dyke with diss py and possible galena.

SC-R-077 Float " - L 2+35S,2+25W. Aspy rich vein type material.

SC-R-078 o/c grab " - L 2+50S,2+00W. Rusty sericite schist with small qtz boudins.

SC-R-079 Float " - L 2+60S,2+00W. Rounded boulder of intrusive with py and aspy(?).

SC-R-080 " - L 0+50N,5+50E. Qtz boulder with pyrite. Very vuggy.

SC-R-081 " - L 1+80N,6+15E. Rusty rock. Type not recognizable.

SC-R-082 " BX Zone (down slope). Qtz vein in schist with large amount of aspy and minor cpy.

SC-R-083 " " " Crine type vein material.

SC-R-084 " Phantom Zone - approx L 3+00s,2+00W. Weathered qtz boulder with aspy. Vuggy with chalcedonic stockwork.

Samples taken by M. Cormier

MC-R-001 Float - @ 5820' approx 1.5km northwest of B/L 0+00 at AV showing. Qtz vein with aspy.

MC-R-002 " - @ 5000' approx 200m north of Foggy Lake. Sub o/c of rusty pyrite rich qtz vein.

MC-R-003 " - same loc as MC-R-002. Ferricrete rich zone with rusty, pyrite rich qtz vein.

MC-R-004 " - @ 5650' just north of Iceberg Lake. Brecciated qtz phyllite with iron stain and possible aspy traces.

MC-R-005 " - beside Iceberg Lake. Qtz vein , highly brecciated with vuggy sulphide boxwork and high % fe stain.

MC-R-006 " - @ 4500' beside creek draining Iceberg Lake. Fe stained siliceous sediment with 2% py <1% diss galena.

MC-R-007 " - same loc as MC-R-006. Siliceous sediment with diss and stringer like (5-7%) pyrite.

MC-R-008 " - @ 4230' south of Later Cr approx 1.0km. Qtz vein in rusty qtz mica schist.

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Samples taken by A.Smallwood

AS-R-001 o/c grab Crine Vein. In small gulley 35m above JC-R-001. 1.5m rusty weathered zone of siliceous porphyry and schist. Up to 10% py. Zone @ 000/70E.

AS-R-002 " " - 10m uphill from As-R-001. Irregular and discontinuous qtz vein in schist. Possible fault zone. Rusty weathering and minor py.

AS-R-003 " - on Keap Cr 7km northwest of Teepee Peak. Rusty weathered siliceous schist, with tr of py.

AS-R-004 " - same as AS-R-003. Very rusty and siliceous schist near 1.0m wide felsic dyke (n/s strike). Rubble and o/c is rusty over 25m and contains knots of qtz and approx 0.5% py, po.

AS-R-005 " - same as AS-R-003. Fractured and rusty weathered intrusive near contact with schist. Contains tr py.

AS-R-006 o/c grab - @ 3700' on brook beside Quick Brook in northwest end of property. Very rusty weathered, sheared,and silicified o/c of schist, 5m by 2m with up to 10% py.

AS-R-007 " - @ 4910' in cirque to north of grid. Rusty weathered hornblende qtz feldspar porphyry, with blebs of pyrite.

AS-R-008 Float - @ 4980' in cirque north of grid. Qtz vein material. Weathered rusty vuggy appearance with actinolite and epidote.

AS-R-009 " - @ 4610' on Iron Cr in cirque north of grid. Very rusty and limonitic rock, with qtz and py pebbles.

AS-R-010 " Crine #1 Vein - L 4+06S,2+60E. Aspy rich vein

AS-R-011 " " - L 4+00S,2+50E. "

AS-R-012 " " - L 4+16S,2+55E. "

AS-R-013 " " - L 4+40S,2+67E. "

AS-R-014 " " - L 4+70S,2+65E. "

AS-R-015 " " - L 4+85S,2+65E. "

AS-R-016 " " - L 5+00S,2+65E. "

AS-R-017 " " - L 5+20S,2+65E. "

AS-R-018 " " - L 4+95S,2+30E. "

AS-R-019 " " - L 4+40S,2+00E. "

AS-R-020 o/c grab - @ 5760' along ridge above Porky Cr south of camp. Bleached and altered volc breccia with blebs and diss aspy and traces of py on fractures.

AS-R-021 Float - @ 5200' 600m west of camp. Fine grained matic intrusive with small felsic dyke with minor aspy.

AS-R-022 " - @ 5420' 1.2 km northwest of camp beside SC-R-035. Small boulder of weathered vein with vuggy limonitic appearance in obvious fault ravine @ 160.

AS-R-023 " Scotia Vein - approx L 1+00N.4+75W. Weathered vein material, with qtz fracture filling and 15%aspy.

AS-R-024 o/c grab " - L 2+75S,5+75W. 10cm sulphide vein in andesite dyke near contact with schist. Up to 25% gal, sph, aspy, and py. Site of DDH TP-89-10.

AS-R-025 o/c Scotia Vein - L 2+75S,5+75W. Silicified andesite dyke adjacent to AS-R-024. Contains blebs of py and remobilized calcite on fractures.

AS-R-026 " " - same as AS-R-024,025. Rusty weathered schist in contact with andesite dyke.

AS-R-027 Float - @ 5700' along top of cirque edge north west of grid. Altered intrusive(?) with blebs of limonite and galena.

AS-R-028 o/c grab - @ 5720' to east of AS-R-027 100m. Rusty silicified schist near feldspar porphyry dyke. With aspy and py.

AS-R-029 " Scotia Vein - L 3+50S,6+25W. Rusty weathered schist.

AS-R-030 " " - same as AS-R-029. Shears in schist with pods of qtz and qtz carbonate. Trace of pyrite. 150/70W.

AS-R-031 " " - L 3+30S,5+95W Hi-grade aspy rich vein.

AS-R-032 1.2m chip " - same location as AS-R-031.

AS-R-033 o/c grab " - L 3+30S,5+95W Footwall of vein with matic dyke approx 1.0m wide.Trending at 150/70W.

AS-R-034 sub o/c " - L 2+90S,5+75W. Weathered vein material with gal, aspy, py.

AS-R-035 " " - L 2+60S,5+60W. Weathered polymetallic vein.

AS-R-036 " " - L 2+50S,5+65W. Several boulders of vein with aspy, and minor gal, py.

AS-R-037 " L 3+50S,2+90E. - 20 to 30cm float samples of vein material with aspy and gal.

AS-R-038 o/c grab BX Zone (Crine #1). Vuggy qtz vein stockwork in felsic dyke. Variable amounts of cpy, py, gal, az, mal.

AS-R-039 sub o/c " " - Banded vuggy qtz vein with brecciated matrix. Minor cpy, az, mal.

AS-R-040 o/c grab " " - 2cm vein in dyke with minor cpy.

AS-R-041 " - @ 5290' 400m north of grid along cirque cliff face. 1-3cm vuggy qtz vein in schist, bearing 150/75W. Minor cpy.

AS-R-042 " - @ 5350' 150m west of AS-R-041 along cliff face. Qtz vein fill of fracture zone. Vuggy with well formed qtz xtals. Minor py. Trends @ 160/65W.

AS-R-43 " - @ 5350' in same loc as AS-R-042. 2-3cm vuggy qtz vein with good cpy mineralization.

AS-R-044 " BX Zone (Crine #1) - @ 5720. 3-4cm qtz vein in felsic stockwork with aspy, gal, and cpy.

AS-R-045 " " " - same as AS-R-044. Siliceous mafic dyke with qtz veining and cpy, mal, az, py, tet.

AS-R-046 " - @ 5200' along cirque edge northwest of grid beside or near AS-R-028. Irregular qtz vein in schist. Rusty pods with py, cpy(?), and gal(?).

AS-R-047 " - @ 5240' in same loc as AS-R-046. Rusty weathered schist with blebs of pyrite.

AS-R-048 Float Scotia Vein - L 4+00N,5+50W. Vein material with aspy, gal.

AS-R-049 o/c grab AV Zone - @ 5820' 1.5 km northwest of 0+00 B/L. 12cm qtz vein in silicified schist. 10% aspy and trace py.

AS-R-050 " " - " " "
Silified wall rock of AV Zone with minor aspy in schist.

AS-R-051 " " - " " "
15cm qtz vein exposed for 5.0m with good aspy.

AS-R-052 " " - " " "
50m along strike of AS-R-049. 12cm rusty qtz vein with minor cpy and py.

AS-R-053 " " - " " "
8 cm qtz vein with trace pyrite.

AS-R-054 " " - " " "
Qtz carbonate coating on shears in silicified schist. No visible mineralization.

AS-R-055 " - @ 5430' on cirque facr north of grid beside AS-R-043. 2-4cm rusty veins in silicified schist. 3 veins over 2m. Trends at 190/80W.

AS-R-056 " - @ 5000' in cirque bottom north of grid. 20cm breccia zone in schist with qtz veins and fine grained py, aspy.

AS-R-057 1.75m chip BX Zone(Crine #1) - @ 5745'

AS-R-058 1.50m chip BX Zone(Crine #1) - @ 5740'

AS-R-059 1.20m chip " " - @ 5730'

AS-R-060 1.25m chip " " - @ 5710'

AS-R-061 1.00m chip " " - @ 5700'

AS-R-062 1.80m chip " " - @ 5690'

AS-R-063 1.50m chip " " - @ 5670'

AS-R-064 1.00m chip " " - @ 5660'

AS-R-065 1.60m chip " " - @ 5640'

AS-R-066 1.00m chip " " - @ 5610'

AS-R-067 Float - @ 5780' 600m southeast of Iceberg Lake on the Fill claims. Several rusty weathered and silicified porphyry boulders with diss py.

AS-R-068 " - @ 5630' east of Iceberg Lake. Frost heaved float of qtz rich schist, partly brecciated with pyrite.

AS-R-069 " - @ 5650' slightly uphill from AS-R-068. Marble with pyrite near o/c of felsic dyke.

AS-R-070 " - @ 5600' on Iceberg Cr. Orange weathered vuggy qtz vein material with limonite. No visible sulphide.

AS-R-071 " - @ 5380' along ridge east of Iceberg Lake. Several brown to rusty weathered qtz boulders with fine grain py, aspy, with minor limonite and scorodite on fractures. Near felsic dyke o/c.

AS-R-072 " - @ 5350' along ridge east of Iceberg Lake. White qtz with limonite on fractures. Minor fine grain aspy, py.

AS-R-073 " - @ 5300' similar to AS-R-072 but more aspy.

AS-R-074 o/c - @ 4820' on creek draining Silty Lake. 2-3m qtz vein in schist. Rusty weathered rock with no visible sulphide.

AS-R-075 o/c - @ 4550' near creek draining Silty Lake. 2-3m qtz vein with limonite and py on fractures.

AS-R-076 Float - @ 5600' approx 800m north of Iceberg Lake. Rusty weathered vuggy qtz breccia in felsic dyke.

AS-R-077 " - @ 5600' similar to above.

AS-R-078 Float - @ 6500' similar to AS-R-076,77

AS-R-079 " - @ 3640' on Iceberg Lake Cr. Orange weathered, grey , siliceous, fine grained felsic dyke with diss py.

AS-R-080 o/c - @ 4790' on Iceberg Lake Cr. 1m qtz vein in schist. Rusty weathered with diss py. Zone @ 160/70W.

AS-R-081 " - @ 4740' on Iceberg Lake Cr. 3-4cm graphitic fault gouge with small rounded qtz pebbles. Zone @ 050/60NW.

AS-R-082 " - @ 4740', rusty weathered schist next to AS-R-081. With minor graphite and diss py.

AS-R-083 " - 100m north of Foggy Lake. Felsic dyke with rusty fractures and traces diss py, aspy. Rare 2-5mm massive aspy-py veinlets on fractures.

AS-R-084-86 float Phantom - L 2+00S,2+25W. Rusty schist from blast pit at contact with mafic dyke. Small discordant veinlets of py and patchy silicification.

AS-R-087 " L 1+95N,5+40E. Rusty weathered aspy rich vein material.

AS-R-088 " L 1+60N,5+45E. Same as above.

AS-R-089 " L 1+10N,5+60E. Qtz sericite rock with abundant fine aspy.

AS-R-090 " L 2+10N,6+10E. 5x10cm chunk of rusty weathered vein material.

AS-R-091 " - found in cirque north of grid. Rusty weathered rock with gal,sph, and py in qtz vein.

AS-R-092 " L 1+00N,5+50E. Rusty weathered siliceous schist with narrow qtz veinlets and diss py.

AS-R-093 " - east on L 1+00N. Rusty weathered vein material.

AS-R-094 " - same as above. AS-R-093.

AS-R-095 " - @ 5300' east of L 1+00N. Bleached and brecciated rock with chalcedonic qtz, clay and sericite alteration. Diss fine grain aspy and blebs of gal.

AS-R-096 " - @ 5300'. Same as above but more sulphide.

AS-R-097 o/c - @ 4880' east of L 1+00N. Siliceous schist with minor pods of vuggy qtz and blebs of gal.

CR - 0+50S	Crine Vein	Aspy rich vein outcrop
CR - 1+00S	"	" "
CR - 1+55S	"	" "
CR - 2+45S	"	" "
CR - 2+85S	"	" "
CR - 3+10S	"	" "
CR - 4+20S	"	" "
CR - 4+35S	"	" "
CR - 4+55S	"	" "
CR - 5+40S	"	" "
CR - 5+75S	"	" "
CR - 6+00S	"	" "
CR - 6+20S	"	" "
CR - 7+00S	"	" "

These samples are from the original Crine Vein discovered in 1988 by Mihalynuk and Durfeld. They are located as to grid reference.

APPENDIX 4

Silt Sample Results

COMP: CYPRUS GOLD
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0722-SJ1+2
DATE: JUL-25-89
* TYPE SILT GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
JC-S-001	1.3	1	14	11	27	200	13	45	75	14	34	67	5
JC-S-002	1.1	32	14	35	114	919	5	91	57	1	133	128	5
JC-S-003	1.0	14	12	28	88	628	6	66	46	1	108	102	5
JC-S-004	.6	1	10	20	75	404	3	30	33	1	66	38	5
JC-S-005	.8	16	11	24	72	487	4	60	38	1	93	98	5
JC-S-006	.1	6	7	15	27	416	3	22	28	1	53	48	5
JC-S-007	.5	14	10	20	45	503	4	42	34	1	67	81	5
JC-S-008	.6	95	12	23	66	830	4	26	49	1	133	35	5
SC-S-001	1.0	60	12	30	111	1543	8	94	49	2	175	164	5
SC-S-002	.8	45	12	26	96	608	7	49	56	1	211	67	5
SC-S-003	.9	48	10	19	71	800	4	47	47	1	145	71	5
SC-S-004	.7	45	10	21	74	665	5	30	41	1	130	45	5
SC-S-005	.6	25	10	22	48	668	3	26	41	1	98	40	10
SC-S-006	.7	151	12	31	86	829	5	54	43	1	158	56	5
SC-S-007	1.2	112	15	36	67	728	4	40	45	1	133	57	5
SC-S-008	1.3	87	16	40	72	861	4	42	56	1	132	69	15
SC-S-009	2.0	129	14	35	71	1175	4	32	69	2	209	47	20
SC-S-010	2.9	751	10	30	104	1732	5	82	264	11	449	11	5
SC-S-011	.9	76	10	18	40	710	3	27	44	4	111	27	5
SC-S-012	1.0	71	8	18	36	546	3	18	43	5	80	20	5
SC-S-013	.5	65	7	15	32	464	3	19	33	5	69	16	5
SC-S-014	.4	72	7	17	38	561	2	19	39	4	74	17	5
SC-S-015	.5	126	9	22	50	889	5	42	69	1	224	25	5
SC-S-016	.6	147	8	20	47	891	4	36	47	1	170	23	5
AS-S001	.8	57	12	28	114	767	5	27	49	1	121	44	5
AS-S002	.8	41	10	23	58	662	3	23	50	1	95	33	5
AS-S003	.5	39	9	21	53	582	4	25	45	1	99	35	5
AS-S004	.4	21	6	16	35	484	2	20	37	1	71	31	5
AS-S005	.7	95	13	36	126	947	7	54	51	1	162	78	5
AS-S006	.3	54	8	21	60	643	4	26	55	1	112	47	5
AS-S007	.7	144	8	32	83	937	5	26	60	1	173	39	5
AS-S008	.6	103	7	27	71	841	4	20	55	1	117	37	30
AS-S009	1.8	274	10	34	114	1059	5	54	159	2	365	44	25
AS-S010	3.8	443	13	35	292	904	6	82	139	6	461	24	15
AS-S011	.8	116	7	20	89	684	7	32	58	1	155	35	5
AS-S012	1.4	34	8	19	134	647	4	23	53	2	103	32	5
AS-S013	2.1	110	9	20	101	648	6	31	75	1	124	35	10
AS-S014	1.0	100	8	18	83	591	5	24	54	1	127	30	15
AS-S015	.7	97	9	19	79	572	5	25	52	1	119	36	5
AS-S016	.4	41	4	11	30	636	4	29	45	1	155	9	5
AS-S017	.6	51	8	19	50	944	3	38	52	1	204	25	5
AS-S018	.4	36	7	18	56	734	2	28	42	2	142	18	10
MC-S-001	1.2	174	8	28	94	591	5	37	92	2	368	52	5
MC-S-002	1.4	160	11	35	153	1341	5	41	81	4	307	74	5
MC-S-003	1.0	139	11	28	112	862	5	29	60	3	206	54	5
MC-S-004	1.4	112	12	27	77	740	4	30	96	1	184	29	10
MC-S-005	.1	19	5	10	31	412	3	16	40	1	84	15	5
MC-S-006	.8	79	12	29	93	936	4	36	66	1	171	55	5
MC-S-007	.1	37	4	12	27	651	2	17	34	1	88	11	5
MC-S-008	.4	57	6	17	49	595	3	24	53	1	118	31	5
MC-S-009	.3	17	6	14	29	469	3	22	36	1	81	29	5
MC-S-010	1.2	39	10	26	105	782	16	53	44	1	168	35	5
MC-S-011	1.0	381	10	28	99	694	12	39	52	3	150	40	5
MC-S-012	1.1	185	11	27	117	797	13	41	56	4	173	47	5
MC-S-013	.6	27	10	23	100	690	7	31	39	2	81	44	5
MC-S-014	1.1	37	12	29	76	621	7	24	47	2	107	43	5
MC-S-015	.7	22	8	23	58	474	6	18	35	1	85	30	5
MC-S-016	.5	162	8	19	50	642	3	17	41	1	108	24	5
MC-S-017	.5	56	8	18	49	660	3	22	43	2	136	20	5
MC-S-018	.3	140	8	16	43	512	3	15	35	1	102	17	5

COMP: CYPRUS GOLD
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0722-SJ3
DATE: JUL-25-89
* TYPE SILT GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
MC-S-019	.2	128	7	14	40	498	2	11	34	1	83	14	5
MC-S-020	.1	94	4	13	34	402	3	8	29	1	86	12	5
MC-S-021	.2	105	7	13	36	418	1	9	26	1	76	15	5
MC-S-022	.3	103	7	13	34	420	3	10	27	1	75	16	5
MC-S-023	1.6	279	13	43	138	1537	5	39	62	1	200	54	10
MC-S-024	3.1	436	11	31	131	598	4	36	60	1	171	56	15
MC-S-025	1.0	243	9	22	89	493	3	28	46	1	135	42	5
MC-S-026	.7	163	9	21	60	702	4	19	47	1	110	27	50
MC-S-027	.6	194	9	20	56	661	4	19	45	1	118	29	60

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0864-SJ1
DATE: AUG-16-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
SC-S-017	.8	118	8	20	61	998	4	29	66	1	171	40	5
AS-S-019	1.9	456	8	24	72	1231	6	44	173	1	496	48	65
AS-S-020	.9	19	9	25	63	1026	3	42	50	1	135	51	5
AS-S-021	.2	81	6	21	38	2207	3	46	41	2	136	38	5
AS-S-022	.5	69	6	19	29	1018	3	35	29	1	101	46	5
AS-S-023	.6	88	5	18	39	1140	3	37	28	1	116	36	35
AS-S-024	.1	108	5	22	64	2378	4	65	33	12	187	6	5

Regional Lots.

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1023-LJ1
DATE: SEP-07-89
* TYPE SILT GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
AS-S-025	.7	75	4	1.7	25	52	1208	5	35	42	2	127	17
AS-S-026	.5	73	3	.6	24	47	1040	4	28	33	1	123	20
MC-S-028	.8	91	4	.6	24	50	1045	4	31	39	3	123	8

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1150-SJ1
DATE: SEP-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ASS027	2.1	285	6	2.7	32	110	2736	10	71	115	27	318	56
ASS028	1.6	237	6	2.6	32	108	2712	7	74	103	25	305	37
ASS029	2.0	308	7	3.1	34	118	2616	8	68	107	27	286	28

Soil Sample Results

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P1+2
DATE: JUL-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L1+00N0+00E	.9	46	10	17	26	42	782	3	24	48	2	119	5
L1+00N0+25E	1.2	58	13	24	35	63	1205	2	33	59	2	140	5
L1+00N0+50E	1.0	51	13	22	28	55	942	2	26	47	2	121	15
L1+00N0+75E	1.4	192	13	43	25	118	3241	5	61	94	10	710	45
L1+00N1+00E	.7	176	12	24	27	58	1139	4	35	42	2	112	5
L1+00N1+25E	.9	68	14	25	33	59	1012	3	41	44	2	115	5
L1+00N1+50E	1.2	77	13	22	32	54	947	4	42	48	2	106	5
L1+00N1+75E	1.1	47	14	23	40	58	849	4	39	54	4	120	5
L1+00N2+50E	1.4	105	13	23	33	68	848	4	46	71	3	142	5
L1+00N2+75E	1.2	71	14	23	42	60	879	4	45	63	3	119	5
L1+00N3+00E	1.0	53	13	22	41	55	742	3	41	58	1	106	5
L1+00N3+25E	1.1	40	13	23	43	53	758	3	36	45	1	93	5
L1+00N3+50E	.7	20	11	19	38	34	584	2	28	35	1	82	5
L1+00N3+75E	1.2	54	13	23	43	51	767	4	32	40	3	105	5
L1+00N4+50E	.7	93	13	29	35	57	908	3	49	43	1	120	5
L1+00N4+75E	1.0	77	16	27	36	50	863	5	36	46	4	120	5
L1+00N5+00E	1.1	83	13	32	40	53	876	5	54	47	6	110	5
L1+00N5+50E	2.0	284	12	33	38	82	1220	4	53	94	4	197	5
L1+00N5+75E	11.0	4986	12	21	11	82	626	7	29	1214	48	480	330
L2+00N1+25E	.6	68	8	20	17	60	807	3	58	38	1	127	5
L2+00N1+50E	.5	49	8	19	11	53	625	2	55	28	1	85	10
L2+00N1+75E	.5	45	10	27	11	76	873	5	77	37	1	209	5
L2+00N2+00E	.9	30	12	34	12	89	957	5	95	35	1	160	5
L2+00N2+25E	NO SAMPLE												
L2+00N2+50E	NO SAMPLE												
L2+00N2+75E	.8	75	10	25	24	74	845	6	61	45	2	165	5
L2+00N3+00E	85.8	1506	138	29	1	855	464	6	25	2952	82	323	160
L2+00N3+25E	4.9	716	15	27	23	165	748	4	38	161	6	176	50
L2+00N3+50E	1.0	53	10	21	37	49	617	3	38	45	1	81	5
L2+00N3+75E	.9	68	9	22	34	61	673	3	36	45	1	105	5
L2+00N4+00E	.8	62	10	20	35	45	595	3	38	42	1	82	5
L2+00N4+25E	1.3	110	12	27	38	66	834	5	40	63	1	169	5
L2+00N4+50E	1.5	135	11	25	37	76	698	8	38	60	2	157	5
L2+00N4+75E	1.2	109	12	26	30	60	810	5	37	51	2	145	5
L2+00N5+00E	.3	150	8	39	14	65	3412	5	79	44	17	150	5
L2+00N5+25E	.9	145	10	34	17	85	1770	4	61	50	5	286	10
L2+00N5+50E	1.1	254	11	32	18	101	826	5	51	54	5	157	5
L2+00N5+75E	1.0	153	11	25	27	63	791	4	54	52	4	122	5
L2+00N6+00E	1.2	135	11	24	27	69	810	4	52	51	3	122	5
L0+00N/S0+00E	.8	38	10	20	30	38	1193	4	30	42	1	99	5
L0+00N/S0+25E	.7	37	10	19	32	37	718	4	27	36	1	98	5
L0+00N/S0+50E	.7	34	10	20	28	41	881	3	27	46	1	102	5
L0+00N/S0+75E	.6	30	8	16	19	38	585	3	26	32	1	73	5
L0+00N/S1+00E	.5	47	9	18	23	35	787	4	28	39	1	100	5
L0+00N/S1+25E	1.0	84	12	23	25	66	1135	4	42	52	2	125	5
L0+00N/S1+50E	1.3	52	14	18	18	32	691	5	26	49	1	103	5
L0+00N/S1+75E	1.0	136	9	20	14	61	4281	5	64	63	12	150	5
L0+00N/S2+00E	NO SAMPLE												
L0+00N/S2+25E	NO SAMPLE												

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P3+4
DATE: JUL-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L0+00N/S2+50E	NO SAMPLE												
L0+00N/S2+75E	.7	149	9	26	12	81	1416	5	79	66	2	159	5
L0+00N/S3+00E	4.5	897	13	23	5	138	1064	3	59	457	7	362	75
L0+00N/S3+25E	5.5	1233	14	20	23	86	703	4	34	384	9	180	110
L0+00N/S3+50E	1.1	138	9	21	32	55	855	5	39	114	2	125	5
L0+00N/S3+75E	.3	57	7	15	22	34	528	4	33	41	1	105	5
L0+00N/S4+00E	.4	177	9	24	22	59	843	6	66	45	5	166	5
L0+00N/S4+25E	.5	79	10	33	29	63	1219	5	62	47	3	146	5
L0+00N/S4+50E	.5	244	8	30	19	63	850	4	54	51	2	135	5
L1+00S0+00E	.9	65	8	20	11	60	1554	2	37	71	3	216	5
L1+00S0+25E	.3	106	9	22	8	60	2017	4	30	72	4	154	5
L1+00S0+50E	.4	113	8	22	18	47	1618	3	32	75	2	179	5
L1+00S0+75E	.6	102	8	22	14	57	1526	4	34	74	1	165	10
L1+00S1+00E	.7	197	8	20	18	51	1345	6	38	94	2	190	5
L1+00S1+25E	.5	114	8	21	13	58	1645	5	41	58	3	148	5
L1+00S1+50E	.5	86	10	21	13	51	1463	3	44	58	2	155	5
L1+00S1+75E	NO SAMPLE												
L1+00S2+00E	NO SAMPLE												
L1+00S2+25E	NO SAMPLE												
L1+00S2+50E	NO SAMPLE												
L1+00S2+75E	.9	81	10	21	16	62	1122	4	50	82	3	174	5
L1+00S3+00E	.1	1	1	1	1	2	1	1	2	3	1	1	5
L1+00S3+25E	.5	76	10	21	18	67	1186	5	62	62	1	162	5
L1+00S3+50E	1.2	263	10	26	34	78	1218	4	50	125	4	178	5
L1+00S3+75E	.4	57	10	22	37	43	875	4	33	54	2	105	5
L1+00S4+00E	.6	205	8	23	31	50	721	6	45	62	2	143	5
L1+00S4+25E	1.1	108	11	36	41	64	1183	6	54	74	2	183	5
L1+00S4+50E	24.4	2285	11	25	1	145	951	5	57	3433	61	546	100
L1+00S4+75E	2.7	617	9	37	12	99	1427	7	105	207	12	271	5
L2+00S0+00E	3.3	164	8	27	7	71	2692	4	44	216	6	304	5
L1+00S0+25E	1.3	121	5	18	7	46	1649	4	28	193	1	209	20
L1+00S0+75E	31.4	3243	5	14	1	95	969	3	27	7347	67	827	3050
L1+00S1+00E	.9	154	7	16	20	50	1050	3	49	91	1	242	55
L1+00S1+25E	2.6	558	11	25	14	101	1967	5	86	237	5	429	150
L1+00S1+75E	1.9	221	10	22	18	86	1641	4	58	133	2	227	40
L1+00S3+00E	1.0	128	8	16	16	56	840	4	39	94	1	152	10
L1+00S3+25E	1.6	210	7	17	13	62	946	3	37	98	1	191	5
L1+00S3+50E	.9	171	7	16	11	52	874	2	33	133	1	163	40
L1+00S3+75E	.3	72	7	15	12	43	861	2	34	65	1	136	10
L1+00S4+00E	.4	125	7	16	16	52	898	4	36	90	1	159	5
L1+00S4+25E	.9	367	8	61	6	107	2161	8	131	147	8	230	5
L3+00S0+00E	6.3	358	6	17	6	62	1326	3	33	380	7	276	35
L3+00S0+25E	1.2	161	6	21	6	55	2076	4	31	112	1	163	5
L3+00S0+50E	2.1	262	6	27	1	121	2128	5	69	140	8	218	20
L3+00S0+75E	5.1	298	6	14	11	54	848	4	36	267	11	268	60
L3+00S1+00E	5.3	425	7	15	16	56	877	4	38	427	9	235	180
L3+00S1+25E	3.0	281	9	25	14	145	2359	4	100	224	6	267	50
L3+00S1+50E	2.8	240	8	17	15	65	1161	3	55	230	3	201	80
L3+00S1+75E	5.9	355	8	17	14	67	1350	3	49	509	7	238	95
L3+00S3+00E	3.5	259	8	20	16	82	1236	4	48	171	3	289	40

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P5+6
DATE: JUL-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L3+00S3+50E	1.4	164	7	19	21	65	1125	4	41	101	1	184	10
L3+00S3+75E	.9	127	6	16	18	46	917	3	37	64	1	164	5
L3+00S4+00E	1.1	201	8	27	14	95	1417	4	55	148	2	268	5
L4+00S0+00E	1.3	194	5	18	2	71	1908	3	40	77	1	133	5
L4+00S0+25E	5.5	714	11	17	1	115	1378	3	40	196	7	184	5
L4+00S0+50E	4.2	810	8	19	1	88	1416	3	46	333	8	182	200
L4+00S0+75E	4.8	1007	6	12	2	61	812	3	29	495	12	203	255
L4+00S1+00E	13.3	1202	5	13	5	88	844	3	37	1718	28	283	650
L4+00S1+25E	7.3	862	5	16	1	95	1219	4	66	856	17	220	465
L4+00S1+50E	4.8	573	6	15	5	85	1014	3	44	400	6	256	140
L4+00S1+75E	5.5	336	4	14	8	66	1021	3	43	406	8	293	100
L4+00S2+00E	3.0	253	6	16	11	61	1156	4	44	207	4	233	50
L4+00S2+25E	1.7	212	6	16	14	58	1079	3	41	158	3	213	10
L4+00S2+50E	1.9	173	6	12	14	45	622	3	26	262	4	167	20
L4+00S2+75E	14.0	878	6	13	8	60	648	3	25	768	18	248	330
L4+00S3+25E	2.3	226	7	17	18	57	813	3	46	147	2	238	30
L4+00S3+50E	6.1	399	6	20	13	65	1231	3	61	312	7	332	5
L4+00S3+75E	3.8	429	7	21	15	63	1402	4	76	196	4	325	5
L5+00S0+00E	.6	339	6	23	4	72	2971	5	46	87	3	179	5
L5+00S0+25E	1.6	166	4	14	5	60	1428	3	37	76	1	169	5
L5+00S0+50E	1.0	153	5	15	1	87	1526	3	46	63	2	141	5
L5+00S0+75E	.6	233	5	16	3	74	1828	3	43	84	1	267	5
L5+00S1+00E	1.3	239	5	18	1	120	1920	4	70	95	3	315	5
L5+00S1+25E	1.5	205	6	13	8	94	868	3	37	89	1	220	10
L5+00S1+50E	1.7	332	6	13	10	75	1003	3	46	105	1	213	5
L5+00S1+75E	3.0	468	7	19	3	117	1866	4	97	155	5	215	5
L5+00S2+00E	2.8	432	8	16	1	96	1589	3	59	104	4	174	5
L5+00S2+25E	3.7	530	10	17	4	84	1347	3	49	125	4	172	5
L5+00S2+50E	3.0	397	7	14	10	65	885	3	37	133	4	181	50
L5+00S2+75E	6.4	1111	6	15	10	75	843	4	33	677	14	225	545
L5+00S3+00E	1.1	282	6	23	12	98	1528	5	86	77	2	292	10
L5+00S3+25E	1.2	296	6	19	10	74	1379	3	70	68	1	213	5
L5+00S3+50E	.9	108	7	16	20	60	1012	3	47	51	1	167	5
L5+00S3+75E	1.1	259	7	21	18	86	1431	5	61	62	3	215	5
L5+00S4+00E	1.3	116	8	21	21	62	1380	4	57	55	3	185	10
L6+00S0+00E	1.0	65	6	13	11	47	794	3	28	45	1	110	5
L6+00S0+25E	.6	57	5	16	5	47	1847	4	28	64	2	125	5
L6+00S0+50E	1.0	40	3	11	9	43	1310	3	18	38	1	116	5
L6+00S0+75E	2.1	717	5	15	5	103	1399	3	39	157	5	396	5
L6+00S1+00E	1.0	99	4	15	4	96	1425	4	48	51	3	127	10
L6+00S1+25E	.9	172	4	16	1	81	1801	4	57	50	3	128	5
L6+00S1+50E	.9	160	6	17	9	64	1476	5	46	57	4	123	10
L6+00S1+75E	.9	73	5	17	12	50	1408	3	48	52	1	122	5
L6+00S2+00E	1.2	102	5	14	9	66	1193	3	77	57	1	232	5
L6+00S2+25E	1.8	160	5	16	7	96	1590	4	53	74	3	188	5
L6+00S2+50E	1.7	131	7	19	5	105	2819	5	75	95	5	181	5
L6+00S2+75E	1.5	95	9	17	23	62	1005	3	36	58	2	150	5
L6+00S3+00E	.8	73	7	19	16	54	1377	4	53	50	3	144	5
L6+00S3+25E	.9	53	7	20	18	48	1509	4	40	88	2	152	10
L6+00S3+50E	.8	49	7	17	20	41	1146	3	31	41	1	125	5
L6+00S3+75E	.8	28	6	16	22	33	838	3	22	36	1	102	5
L6+00S4+00E	.7	39	7	19	22	52	938	3	48	33	1	134	5
L7+00S0+00E	.5	20	4	17	4	46	1888	2	31	44	1	111	5
L7+00S0+25E	.3	25	5	16	4	38	1884	3	24	42	1	116	5
L7+00S0+50E	.6	32	3	11	8	35	994	3	20	59	1	135	5
L7+00S0+75E	.5	74	4	16	7	43	2146	3	31	54	1	126	5
L7+00S1+00E	.6	68	4	14	6	38	1587	3	30	39	1	109	5
L7+00S1+25E	.3	39	4	13	10	35	1576	3	25	36	1	153	5

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P7+8
DATE: JUL-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L7+00S1+50E	1.2	51	5	13	8	53	851	2	31	39	1	105	5
L7+00S1+75E	.5	33	4	12	11	73	1240	2	28	45	1	141	10
L7+00S2+00E	1.6	59	5	17	8	274	1805	3	51	55	4	168	5
L7+00S2+25E	1.4	95	6	13	7	79	1045	3	35	54	2	145	5
L7+00S2+50E	1.5	552	7	25	1	159	2881	7	71	110	5	375	5
L7+00S2+75E	1.5	25	3	9	2	38	591	4	25	28	2	79	5
L7+00S3+00E	1.0	42	7	17	17	55	885	3	36	36	2	127	5
L7+00S3+25E	.4	11	5	20	5	33	3925	5	28	40	1	116	5
L7+00S3+50E	.8	35	6	15	17	32	790	3	27	34	1	110	5
L7+00S3+75E	.8	26	7	16	19	31	1144	4	26	38	1	120	10
L7+00S4+00E	1.3	124	6	16	17	38	1165	3	32	46	3	141	75
L7+00S4+25E	.7	45	6	17	7	53	1378	4	46	35	3	167	10
L8+00S0+00E	.9	28	4	15	3	46	1368	3	37	40	2	127	10
L8+00S0+25E	.3	17	6	18	6	37	3614	4	31	61	2	127	5
L8+00S0+50E	.4	71	4	13	5	46	1739	4	40	72	3	228	5
L8+00S0+75E	.4	39	6	15	7	33	2877	4	18	45	1	118	5
L8+00S1+00E	1.1	16	5	16	6	41	2766	3	26	44	1	133	5
L8+00S1+25E	.5	37	4	11	6	40	1432	3	26	38	1	106	5
L8+00S1+50E	.5	24	4	14	4	45	1698	2	35	41	3	112	5
L8+00S1+75E	.7	25	4	10	10	44	726	3	31	35	1	119	5
L8+00S2+00E	1.6	78	5	15	8	53	1939	4	47	123	4	246	5
L8+00S2+25E	1.0	75	7	22	1	69	3286	5	48	71	7	194	5
L8+00S2+50E	1.4	101	4	12	7	58	982	3	30	90	4	198	10
L8+00S2+75E	.6	26	4	13	9	31	1201	2	27	39	2	105	5
L8+00S3+00E	.7	21	7	12	19	25	647	3	21	31	1	91	5
L8+00S3+25E	.6	17	4	11	12	23	810	2	20	24	1	98	5
L8+00S3+50E	.7	49	6	19	11	47	1198	3	43	39	1	145	5
L8+00S3+75E	.4	31	7	23	13	39	3989	3	29	59	1	205	5
L8+00S4+00E	.8	528	5	16	12	30	1242	3	21	38	7	110	10
L8+00S4+25E	1.6	14	15	26	1	17	1032	3	10	43	3	138	5
L8+00S4+50E	.9	9	6	16	13	50	870	8	38	34	1	134	5
L8+00S4+75E	.5	11	4	12	7	38	1079	3	31	40	1	175	5
L8+00S5+00E	1.3	49	6	19	8	58	2166	4	62	65	6	208	10
L9+00S0+00E	.5	12	3	10	1	32	1483	3	22	54	1	102	5
L9+00S0+25E	.6	38	4	17	2	50	1770	4	47	44	2	151	5
L9+00S0+50E	.6	32	3	16	1	53	1896	4	50	41	2	155	5
L9+00S0+75E	.3	15	3	11	3	39	1049	4	30	30	1	109	5
L9+00S1+00E	.9	40	3	11	1	52	1012	4	42	46	3	143	5
L9+00S1+25E	.6	129	4	13	2	49	1986	3	40	60	4	144	10
L9+00S1+50E	.6	30	3	11	5	41	1160	3	29	49	2	127	5
L9+00S1+75E	1.0	29	4	13	6	40	2358	4	31	43	1	113	5
L9+00S2+00E	1.5	37	3	13	6	49	1480	4	36	49	2	137	5
L9+00S2+25E	.8	45	3	11	8	39	915	3	28	42	1	134	10
L9+00S2+50E	.7	29	4	12	8	38	565	3	31	31	1	82	5
L9+00S2+75E	.4	19	4	15	9	28	1966	5	22	40	2	102	5
L9+00S3+00E	.4	19	3	15	9	35	1540	3	31	36	2	104	5
L9+00S3+25E	.7	18	4	12	11	31	757	3	22	33	1	99	5
L9+00S3+50E	.4	23	4	13	11	29	1543	3	26	42	1	92	10
L9+00S3+75E	.9	71	3	13	5	42	1343	4	41	46	4	135	5
L9+00S4+00E	.5	29	4	11	8	29	1126	4	21	33	1	112	5
L9+00S4+25E	.6	103	4	14	5	45	1138	4	57	35	2	155	5
L9+00S4+50E	1.2	22	4	9	14	26	476	2	29	23	1	80	5
L9+00S4+75E	.7	29	7	14	19	29	1382	2	28	35	1	127	5
L9+00S5+00E	1.4	30	4	10	11	32	604	3	27	40	2	127	5
L9+00S5+25E	.9	25	8	16	31	24	935	3	22	38	1	139	5
L9+00S5+50E	1.1	29	4	15	8	38	1669	3	38	40	4	169	5
L10+00S0+00E	.4	31	3	12	1	40	1281	2	41	30	1	116	5
L10+00S0+25E	.8	37	5	21	1	67	2723	5	81	61	5	200	10
L10+00S0+50E	.6	26	4	12	5	37	1096	4	32	37	2	112	5
L10+00S0+75E	.9	135	3	11	1	88	956	3	34	69	7	176	5

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P9+10
DATE: JUL-23-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L10+00S1+00E	1.9	209	4	11	1	88	1125	3	33	95	8	180	5
L10+00S1+25E	.6	114	4	11	4	57	1473	4	33	82	4	197	5
L10+00S1+50E	.2	27	4	16	1	35	4117	5	29	98	5	129	5
L10+00S1+75E	.4	23	3	9	4	38	700	3	35	27	2	134	10
L10+00S2+00E	.5	24	4	10	6	34	698	3	29	36	2	122	5
L10+00S2+25E	.4	14	4	12	4	32	629	3	24	39	1	108	20
L10+00S2+50E	.5	32	4	14	5	35	2358	4	33	37	2	124	5
L10+00S2+75E	.6	19	5	16	7	38	2272	4	42	47	3	150	5
L10+00S3+00E	1.0	69	6	28	1	74	2274	7	73	126	6	182	5
L10+00S3+25E	2.0	82	5	18	2	58	3214	4	69	185	9	257	5
L10+00S3+50E	.6	44	6	16	7	45	1405	4	58	43	3	188	5
L10+00S3+75E	.6	23	5	12	13	26	838	3	22	36	1	121	5
L10+00S4+00E	.9	17	5	14	11	33	2084	3	18	38	1	120	5
L10+00S4+25E	.6	17	5	11	14	25	1510	3	21	39	1	116	10
L10+00S4+50E	.9	27	6	12	16	32	659	2	28	28	1	101	5
L10+00S4+75E	1.0	32	5	13	10	41	1008	3	34	38	2	119	5
L10+00S5+00E	.5	25	7	12	17	25	714	3	24	27	1	112	20
L10+00S5+25E	.6	19	5	9	10	20	803	2	14	28	1	94	5
L10+00S5+50E	1.1	31	5	15	9	43	1537	3	52	33	3	189	5
L10+00S5+75E	1.2	32	5	13	18	25	781	2	20	37	1	94	5
L10+00S6+00E	.9	31	7	14	20	27	560	2	19	33	1	96	5
L10+00S6+25E	.8	30	7	15	27	27	591	3	17	31	2	86	5
L11+00S0+00E	.9	27	5	10	4	36	548	4	23	61	3	116	10
L11+00S0+25E	.8	26	6	15	13	48	1233	4	36	39	1	141	5
L11+00S0+50E	1.1	50	5	9	10	38	773	3	24	46	1	123	5
L11+00S0+75E	.9	44	4	15	1	55	1956	4	53	65	5	139	5
L11+00S1+00E	1.8	155	5	11	1	61	1543	3	24	78	4	150	5
L11+00S1+25E	2.4	295	4	10	2	113	995	1	21	87	5	186	5
L11+00S1+50E	4.7	417	4	14	1	131	1719	2	27	141	9	211	5
L11+00S1+75E	1.3	60	4	9	9	39	525	4	20	37	1	128	5
L11+00S2+00E	.4	15	4	11	4	30	593	3	22	29	2	102	5
L11+00S2+25E	.6	34	4	11	5	33	736	2	27	32	3	106	5
L11+00S2+50E	.6	18	4	9	15	22	406	2	18	26	1	80	10
L11+00S2+75E	.8	44	4	14	14	34	1159	2	25	42	3	125	5
L11+00S3+00E	.4	20	3	11	7	29	710	2	25	30	3	104	5
L11+00S3+25E	.2	12	4	11	18	19	731	3	16	25	1	88	5
L11+00S3+50E	.4	18	4	10	12	25	430	2	16	24	3	90	5
L11+00S3+75E	.2	5	4	9	8	24	350	1	18	24	1	85	10
L11+00S4+00E	.5	6	4	9	14	19	372	2	15	24	1	71	5
L11+00S4+25E	.5	24	4	12	12	29	458	2	21	30	2	100	5
L11+00S4+50E	.6	14	3	10	13	20	346	2	18	27	1	90	5
L11+00S4+75E	.7	23	6	12	18	26	578	3	17	34	2	104	5
L11+00S5+00E	.7	17	5	11	15	27	453	2	21	29	2	100	5
L11+00S5+25E	1.4	1	4	8	16	17	212	1	12	23	1	75	10
L11+00S5+50E	.5	21	5	12	19	24	409	3	20	27	2	87	5
L11+00S5+75E	.7	27	6	13	18	30	493	3	22	31	3	93	5
L11+00S6+00E	.8	21	5	11	23	18	344	1	14	25	1	83	5
L11+00S6+25E	.6	22	6	12	23	22	450	3	15	29	1	97	5
L11+00S6+50E	.6	22	7	12	18	26	603	3	19	33	3	94	5
L11+00S6+75E	.6	25	6	12	21	25	486	2	21	30	2	99	5
L11+00S7+00E	.8	31	7	15	25	31	418	3	19	24	2	84	5
L12+00S0+00E	.6	43	4	12	5	42	736	6	31	47	3	140	10
L12+00S0+25E	.4	27	6	13	18	28	785	4	23	38	2	114	5
L12+00S0+50E	.9	30	4	9	10	35	486	2	28	34	2	110	5
L12+00S0+75E	.9	31	5	15	10	45	1108	4	29	44	4	116	5
L12+00S1+00E	1.0	38	5	13	13	36	889	2	29	39	1	108	5
L12+00S1+25E	1.0	46	5	14	13	36	1028	4	28	46	2	144	10
L12+00S1+50E	.3	16	3	10	11	25	669	2	20	30	2	101	5
L12+00S1+75E	.7	17	4	13	16	32	1076	3	22	36	1	116	5
L12+00S2+00E	.8	35	5	18	12	35	3812	5	25	64	1	142	5

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-725S/P11
DATE: JUL-23-89
• TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CR PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
L12+00S2+25E	.6	6	4	11	7	29	1027	3	25	44	2	155	5
L12+00S2+50E	.9	20	4	11	8	39	1038	4	28	52	10	150	5
L12+00S2+75E	1.1	30	5	16	9	46	1401	4	38	55	4	150	10
L12+00S3+00E	2.7	31	4	10	13	38	764	3	38	36	2	115	5
L12+00S3+25E	.4	10	4	11	6	28	690	2	22	26	2	105	5
L12+00S3+50E	.4	3	3	9	6	25	482	2	24	26	1	91	5
L12+00S3+75E	.4	22	4	13	10	36	643	3	21	35	6	101	5
L12+00S4+00E	.6	29	4	14	10	32	1365	3	17	33	5	110	5
L12+00S4+25E	.5	40	4	13	9	39	605	3	24	34	8	116	5
L12+00S4+50E	.5	18	4	10	9	27	519	2	20	30	4	95	5
L12+00S4+75E	.5	3	3	6	11	17	386	2	12	20	2	72	10
L12+00S5+00E	.4	14	4	10	9	24	587	2	18	27	4	98	30
L12+00S5+25E	.6	9	5	11	11	30	471	3	18	30	1	87	20
L12+00S5+50E	.5	5	5	11	16	23	446	3	15	31	1	89	10
L12+00S5+75E	.6	15	5	12	18	21	439	3	14	27	1	92	5
L12+00S6+00E	.5	23	6	13	24	23	486	3	16	30	1	87	20
L12+00S6+25E	.9	19	6	13	22	20	613	3	14	34	2	93	5
L12+00S6+50E	1.0	26	7	14	28	26	579	4	20	30	3	100	5
L12+00S6+75E	.7	18	5	11	15	24	489	3	19	29	2	87	10
L12+00S7+00E	.6	18	3	11	10	21	1188	3	19	36	3	112	5
L12+00S7+25E	.6	23	5	11	17	23	737	2	21	32	2	103	5
L12+00S7+50E	1.0	28	7	14	27	28	590	3	25	37	2	107	5
L12+00S7+75E	1.5	52	7	16	18	34	950	4	28	41	3	130	10

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0821-SJ1+2
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L1+00S0+00E	.4	33	5	18	50	1589	2	27	33	1	196	1	5
L1+00S0+25E	.1	61	7	19	50	1694	2	23	40	2	153	1	5
L1+00S0+50E	.3	84	6	19	40	1364	3	25	45	1	170	4	5
L1+00S0+75E	.6	140	6	20	57	978	3	38	39	1	161	1	5
L1+00S1+00E	.8	153	7	18	42	1114	3	24	94	2	177	10	5
L1+00S1+25E	.2	86	5	17	48	1383	3	33	27	1	123	1	5
L1+00S1+50E	.5	50	7	17	42	1201	2	31	26	1	132	1	5
L1+00S2+75E	.9	61	7	19	54	996	3	42	52	2	153	3	5
L1+00S3+00E	.5	41	7	17	54	1002	3	45	16	2	128	1	5
L1+00S3+25E	.6	51	7	17	54	924	3	50	24	1	130	3	20
L1+00S3+50E	.9	209	8	22	66	995	2	43	81	1	146	19	10
L1+00S3+75E	.3	35	8	18	35	723	3	24	19	1	84	24	5
L1+00S4+00E	.5	139	6	18	39	630	2	33	39	1	123	14	5
L1+00S4+25E	.8	66	8	28	50	922	3	40	38	1	137	23	5
L1+00S4+50E	12.9	3610	9	23	105	734	4	44	838	30	299	1	140
L1+00S4+75E	2.2	519	6	33	84	1335	4	86	134	9	242	1	35
L2+00S0+00E	1.7	116	7	19	53	2076	2	28	143	3	155	1	10
L2+00S0+25E	.9	126	5	19	46	1530	2	23	209	4	188	1	360
L2+00S0+50E	.2	167	7	22	80	5292	7	67	84	3	189	1	5
L2+00S0+75E	1.1	145	6	16	49	1108	3	48	82	3	274	8	5
L2+00S1+00E	1.1	148	6	16	51	1153	3	53	89	2	291	8	5
L2+00S1+25E	2.1	412	9	22	85	1729	3	80	157	5	351	1	85
L2+00S1+50E	2.0	256	8	23	96	2206	3	70	154	5	258	1	10
L2+00S1+75E	1.9	206	9	22	88	1778	3	61	111	3	227	3	5
L2+00S3+00E	.9	114	6	17	59	985	3	45	59	1	156	4	5
L2+00S3+25E	1.5	168	6	15	54	817	3	31	69	1	175	2	35
L2+00S3+50E	.9	150	6	15	48	816	2	31	105	1	151	1	5
L2+00S3+75E	.4	70	6	15	43	915	2	35	43	1	139	2	5
L2+00S4+00E	.3	92	4	15	42	832	3	29	46	1	132	1	25
L2+00S4+25E	1.0	367	5	48	169	1675	3	174	96	7	195	1	20
L2+00S4+35E	1.0	325	6	43	162	1492	3	162	97	7	189	1	15
L4+00S0+25W	2.6	472	6	16	96	2059	2	38	135	5	182	1	10
L4+00S0+50W	.3	155	4	15	68	1953	2	30	49	2	140	1	5
L4+00S0+75W	.5	146	5	20	80	2585	3	36	57	2	163	1	5
L4+00S1+00W	.3	21	6	25	72	2767	14	38	28	1	195	1	5
L4+00S1+25W	1.4	166	5	18	68	2120	3	32	73	2	185	1	5
L4+00S1+50W	1.8	257	5	19	68	2304	2	34	91	4	184	1	10
L4+00S1+75W	.6	54	5	15	44	1862	1	19	27	3	199	1	5
L4+00S2+00W	.3	216	3	15	50	1663	3	29	27	4	141	1	5
L4+00S2+25W	.1	94	5	18	54	2545	4	50	27	3	175	1	5
L4+00S2+50W	.1	36	7	25	90	6891	5	114	48	5	261	1	5
L4+00S2+75W	1.0	102	4	17	81	2317	2	50	54	5	162	1	5
L4+00S3+00W	.9	55	5	17	63	1668	2	32	27	2	155	1	5
L4+00S3+25W	.9	79	6	20	75	2106	2	41	41	3	180	1	5
L4+00S3+50W	.5	43	4	15	53	1628	2	23	13	1	127	1	5
L4+00S3+75W	.4	35	5	14	52	1453	2	25	17	2	131	1	5
L4+00S4+00W	.6	58	5	14	51	1357	3	27	21	2	133	1	5
L4+00S4+25W	1.7	77	5	15	76	1468	3	28	129	2	150	1	5
L4+00S4+50W	.3	49	4	14	51	1846	1	29	18	3	150	1	5
L4+00S4+75W	1.3	106	4	16	49	1659	3	29	25	3	162	1	40
L4+00S5+00W	.4	118	6	22	64	1855	3	33	24	3	207	1	5
L4+00S5+25W	.6	83	5	14	51	1336	3	27	32	1	165	1	5
L4+00S5+50W	.7	50	7	20	69	1737	4	26	28	1	163	1	5
L4+00S5+75W	.6	44	5	15	53	1047	3	23	15	1	129	1	5
L4+00S6+00W	.4	40	4	11	34	760	2	23	11	1	113	1	5
L4+00S6+25W	.1	191	4	24	65	1249	7	31	38	2	221	1	5
L4+00S6+50W	.1	393	5	25	88	1519	7	30	30	1	441	1	5
L4+00S6+75W	.1	168	5	16	49	1355	3	27	20	1	263	1	5
L4+00S7+00W	.8	68	4	13	49	741	3	32	19	2	142	8	5
L5+00S0+25W	.1	113	4	17	69	1709	2	36	28	3	128	1	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0821-SJ3+4
DATE: AUG-09-89
• TYPE SOIL GEOCHEM • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L5+00S0+50W	.2	53	4	16	51	1955	2	31	17	3	129	1	5
L5+00S0+75W	.6	83	4	17	81	1935	3	36	46	6	208	1	5
L5+00S1+00W	.6	58	6	21	81	2181	2	31	27	3	137	1	10
L5+00S1+25W	.8	93	6	16	87	1780	3	35	33	4	159	1	10
L5+00S1+50W	.6	83	6	17	64	1844	2	28	34	3	152	1	5
L5+00S1+75W	.7	78	4	13	44	1493	2	22	24	5	128	1	5
L5+00S2+00W	.5	104	4	15	59	1726	2	26	21	4	152	1	20
L5+00S2+25W	1.6	244	4	19	68	2830	4	54	42	6	232	1	5
L5+00S2+50W	1.0	114	5	17	72	2045	2	49	33	6	185	1	10
L5+00S2+75W	.9	44	5	20	50	1829	2	33	26	1	174	1	10
L5+00S3+00W	1.0	47	6	16	57	1521	3	41	17	2	137	1	5
L5+00S3+25W	.7	46	5	14	47	1281	2	28	22	2	123	1	10
L5+00S3+50W	1.2	82	6	19	76	2314	2	46	32	3	169	1	5
L5+00S3+75W	.6	41	6	14	46	1471	3	30	16	3	121	1	5
L5+00S4+00W	.6	26	5	12	40	1090	2	23	8	3	117	1	10
L5+00S4+25W	.8	34	4	13	40	1126	2	27	19	4	124	1	20
L5+00S4+50W	1.0	44	5	12	43	938	3	25	17	3	143	1	5
L5+00S4+75W	.8	40	5	18	46	1615	1	32	23	1	159	1	5
L5+00S5+00W	.6	40	5	16	46	1619	1	28	24	2	143	1	5
L5+00S5+25W	.9	51	6	19	54	1803	3	28	30	1	201	1	5
L5+00S5+50W	1.0	36	9	18	63	1408	3	26	28	1	155	1	10
L5+00S5+75W	.2	32	6	22	52	2592	3	25	29	1	151	1	10
L5+00S6+00W	.9	64	6	17	61	1624	2	29	31	1	166	1	5
L5+00S6+25W	.1	24	4	15	34	2027	3	18	22	1	114	1	5
L5+00S6+50W	.6	88	4	10	26	808	4	15	10	1	123	2	5
L5+00S6+75W	1.1	43	11	35	23	1072	6	69	29	1	132	107	5
L5+00S7+00W	.9	59	7	18	34	1019	4	29	25	2	142	14	5
L6+00S0+25W	.7	104	6	17	55	1504	2	33	22	4	127	1	10
L6+00S0+50W	.8	93	4	14	45	1291	2	32	71	4	149	1	5
L6+00S0+75W	.6	70	5	18	51	1592	1	28	66	3	157	1	5
L6+00S1+00W	.3	83	3	15	53	1469	1	29	34	1	131	1	5
L6+00S1+25W	.1	41	3	15	38	1516	2	19	22	1	128	1	5
L6+00S1+50W	.3	100	5	16	47	1254	1	23	25	2	128	1	25
L6+00S1+75W	.6	90	4	12	48	1252	2	23	28	2	127	1	5
L6+00S2+00W	.4	44	5	13	46	830	2	26	16	2	104	1	5
L6+00S2+25W	.1	32	2	10	37	1012	2	19	13	1	97	1	5
L6+00S2+50W	.3	122	4	12	47	1028	1	27	19	2	135	1	5
L6+00S2+75W	.9	45	4	15	56	1749	3	42	23	3	205	1	5
L6+00S3+00W	.4	25	3	14	55	1401	2	33	20	1	149	1	5
L6+00S3+25W	.4	23	3	14	51	1468	2	33	18	1	139	1	5
L6+00S3+50W	.3	30	4	12	45	1283	1	30	16	1	130	1	10
L6+00S3+75W	.2	27	4	14	49	1545	1	31	19	1	141	1	5
L6+00S4+00W	.3	37	5	13	44	1199	1	26	22	1	127	1	5
L6+00S4+25W	.7	45	4	13	48	1356	2	31	25	1	139	1	5
L6+00S4+50W	.2	38	4	13	40	1496	2	22	15	1	148	1	5
L6+00S4+75W	.1	24	5	20	58	2099	3	20	24	1	164	1	5
L6+00S5+00W	.1	26	3	17	49	1997	3	24	27	1	150	1	5
L6+00S5+25W	.7	1	14	28	75	1405	2	6	17	1	158	1	5
L6+00S5+50W	1.0	1	9	22	87	1617	1	10	11	1	145	1	10
L6+00S5+75W	.2	35	3	15	52	944	1	23	12	1	120	1	5
L6+00S6+00W	.2	43	3	12	42	883	2	24	28	1	141	1	5
L6+00S6+25W	.2	40	3	8	31	434	2	14	14	1	85	1	15
L6+00S6+50W	.1	59	2	9	28	730	2	12	15	1	101	1	10
L6+00S6+75W	.1	42	4	17	37	951	2	23	22	1	102	11	5
L6+00S7+00W	.5	170	5	17	41	662	1	26	20	1	131	11	5
L7+00S0+25W	.2	47	4	15	58	1589	3	31	25	1	128	1	5
L7+00S0+50W	.1	47	4	14	40	1398	2	23	17	1	111	1	5
L7+00S0+75W	.1	50	4	15	51	1728	1	29	19	1	137	1	5
L7+00S1+00W	.1	58	4	15	50	1793	1	27	20	1	140	1	5
L7+00S1+25W	.1	118	4	17	51	1808	2	31	27	2	125	1	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0821-SJ5
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L7+00S1+50W	.5	207	4	18	54	2396	1	30	33	2	165	1	25
L7+00S1+75W	.2	140	3	13	49	1351	1	29	25	2	139	1	5
L7+00S2+00W	.5	312	4	16	51	1818	2	28	43	15	196	1	5
L7+00S2+25W	.1	32	3	13	51	1074	3	42	20	3	142	1	5
L7+00S2+50W	.3	30	6	25	72	3498	2	41	18	1	197	1	5
L7+00S2+75W	.3	15	5	18	62	2080	2	39	15	1	183	1	5
L7+00S3+00W	.1	64	4	13	37	1332	2	23	21	2	133	1	5
L7+00S3+25W	.9	153	4	14	54	1470	1	33	34	2	180	1	5
L7+00S3+50W	.5	298	4	15	44	1671	1	28	32	1	196	1	5
L7+00S3+75W	.1	39	4	13	35	1260	2	24	8	1	153	1	5
L7+00S4+00W	.3	44	4	16	49	1584	1	31	18	2	183	1	5
L7+00S4+25W	.1	1	6	16	46	1543	1	22	11	1	110	1	5
L7+00S4+50W	.4	55	6	27	59	1536	3	34	25	1	155	1	5
L7+00S4+75W	1.0	90	6	25	60	1634	3	39	39	1	152	1	5
L7+00S5+00W	1.1	48	5	20	64	1750	3	31	34	1	196	1	5
L7+00S5+25W	1.1	14	9	19	59	703	2	13	21	1	133	7	5
L7+00S5+50W	1.0	51	6	34	118	1779	3	41	37	1	155	1	5
L7+00S5+75W	.8	53	6	37	123	1794	2	44	36	1	159	1	5
L7+00S6+00W	.2	72	5	18	48	889	3	16	76	1	161	2	5
L7+00S6+25W	1.5	498	5	15	97	1074	2	21	59	1	290	8	5
L7+00S6+50W	.1	27	5	18	61	1106	2	17	17	1	102	1	5
L7+00S6+75W	1.0	35	11	28	81	748	4	71	24	1	126	158	20
L7+00S7+00W	.6	37	9	32	95	1087	3	29	33	1	167	15	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: C-88-003
ATTN: A.JACKSON/A.SMALLWOOD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0790-SJ1+2
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L0+00N/S0+25W	.7	32	8	17	33	750	3	24	30	1	70	16	5
L0+00N/S0+50W	.1	23	3	10	30	1108	2	14	27	3	69	1	5
L0+00N/S0+75W	1.1	59	7	16	37	948	3	24	58	2	102	3	10
L0+00N/S1+00W	.9	54	7	15	35	852	3	23	51	3	101	5	20
L0+00N/S1+25W	.2	48	7	17	33	1289	2	15	45	1	93	1	5
L0+00N/S1+50W	1.0	94	7	18	51	1279	3	29	76	2	209	6	10
L0+00N/S1+75W	.2	130	7	23	63	1900	4	62	64	2	273	1	5
L0+00N/S2+00W	.2	84	5	14	33	1506	3	20	76	3	136	1	5
L0+00N/S2+25W	.8	57	7	18	57	1427	4	80	64	4	324	6	5
L0+00N/S2+50W	.5	45	6	18	51	1085	2	54	45	2	170	6	10
L0+00N/S2+75W	.2	85	6	16	32	1061	4	24	52	1	119	9	10
L0+00N/S3+00W	1.4	56	7	19	60	1559	3	43	77	3	154	1	5
L0+00N/S3+25W	.4	59	8	20	47	2139	2	32	68	1	169	1	10
L0+00N/S3+50W	1.5	96	9	20	53	1809	5	39	125	2	201	1	10
L0+00N/S3+75W	1.4	109	8	20	64	1953	4	38	110	3	174	1	5
L0+00N/S4+00W	2.6	157	8	19	57	1651	4	35	176	2	181	8	5
L0+00N/S4+25W	2.2	166	8	18	60	1558	4	33	194	4	192	3	20
L0+00N/S4+50W	3.3	228	5	13	59	891	4	29	179	6	168	1	40
L0+00N/S4+75W	2.1	269	5	14	43	977	3	27	175	7	178	1	50
L0+00N/S5+00W	6.4	271	6	26	96	851	4	33	288	8	207	1	90
L0+00N/S5+25W	2.7	321	5	11	39	680	2	15	323	6	233	1	50
L0+00N/S5+50W	2.6	363	5	13	44	967	3	20	334	6	235	1	260
L0+00N/S5+75W	3.6	480	5	12	48	897	3	24	333	8	135	1	240
L0+00N/S6+00W	1.0	272	6	11	44	755	3	21	86	5	84	1	10
L0+00N/S6+25W	1.2	245	5	12	50	872	2	27	86	4	101	1	5
L0+00N/S6+50W	1.1	245	7	13	58	1027	3	24	87	4	107	1	10
L0+00N/S6+75W	1.9	237	7	14	60	1132	3	24	100	5	113	1	5
L0+00N/S7+00W	1.8	275	6	12	54	918	3	28	107	4	115	1	5
L1+00S0+25W	1.1	133	7	17	49	1132	3	36	101	3	172	4	10
L1+00S0+50W	.4	26	8	21	52	1967	2	32	60	3	177	1	10
L1+00S0+75W	.6	83	9	18	44	959	2	31	32	1	169	13	5
L1+00S1+00W	.1	24	8	16	32	1372	2	16	18	1	102	1	5
L1+00S1+25W	.6	73	8	19	42	1352	2	30	43	1	183	10	5
L1+00S1+50W	1.0	98	8	19	53	2073	3	34	130	4	251	1	5
L1+00S1+75W	.3	181	7	18	51	2614	3	24	42	4	171	1	10
L1+00S2+00W	3.9	604	6	19	63	1931	3	32	283	6	254	1	5
L1+00S2+25W	NO SAMPLE												
L1+00S2+50W	3.1	256	7	16	57	1387	2	37	263	6	214	3	10
L1+00S2+75W	NO SAMPLE												
L1+00S3+00W	.7	39	3	13	50	1602	2	23	97	8	190	1	10
L1+00S3+25W	3.9	344	6	16	56	1269	3	30	327	5	286	1	5
L1+00S3+50W	4.5	360	6	15	50	1134	3	28	280	7	229	1	60
L1+00S3+75W	4.7	353	3	13	42	1339	3	20	501	11	171	1	210
L1+00S4+00W	4.1	380	6	20	65	1482	3	28	517	10	197	1	150
L1+00S4+25W	5.1	428	6	16	68	1206	2	31	501	11	223	1	80
L1+00S4+50W	3.9	301	6	17	64	1532	4	30	343	7	210	1	100
L1+00S4+75W	1.1	199	8	30	76	1635	5	60	131	1	289	19	30
L1+00S5+00W	2.6	241	7	28	71	1875	4	36	176	1	205	7	5
L1+00S5+25W	3.1	247	7	27	69	1907	5	42	191	3	216	15	10
L1+00S5+50W	1.5	244	7	14	57	770	2	23	93	3	438	1	5
L1+00S5+75W	1.8	398	6	13	54	867	3	22	107	2	291	1	5
L1+00S6+00W	.1	1	5	24	50	2152	2	14	43	1	254	1	5
L1+00S6+25W	.1	113	5	13	40	1044	2	21	38	2	106	1	10
L1+00S6+50W	.3	99	5	16	61	1352	3	21	34	1	148	1	5
L1+00S6+75W	.5	104	6	17	66	1967	3	20	40	1	172	1	5
L1+00S7+00W	.5	115	4	14	56	1176	3	22	37	1	145	1	5
L2+00S0+25W	1.5	225	6	18	46	1795	2	20	116	5	167	1	5
L2+00S0+50W	1.9	185	8	21	49	1995	3	29	161	5	205	1	10
L2+00S0+75W	.6	94	7	13	25	1392	2	14	78	3	162	1	5
L2+00S1+00W	3.1	212	6	16	44	1614	2	27	198	7	169	1	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: C-88-003
ATTN: A.JACKSON/A.SMALLWOOD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0790-SJ3+4
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L2+00S1+25W	2.7	179	7	15	43	1327	4	23	159	6	196	1	5
L2+00S1+50W	2.9	224	8	15	61	1102	4	28	157	5	245	1	10
L2+00S1+75W	4.4	691	7	16	57	1397	3	30	284	7	288	1	5
L2+00S2+00W	2.0	547	7	24	54	2060	4	29	481	8	252	1	80
L2+00S2+25W	8.9	756	5	19	93	1938	4	62	1038	20	240	1	270
L2+00S2+50W	7.0	538	5	12	64	970	3	43	664	12	206	1	480
L2+00S2+75W	3.2	380	5	13	56	1157	3	31	247	6	265	1	5
L2+00S3+00W	2.1	447	7	14	63	1229	3	32	229	6	201	1	5
L2+00S3+25W	3.6	385	8	15	68	1481	4	31	157	5	182	1	5
L2+00S3+50W	3.5	380	7	16	66	1798	3	31	198	4	202	1	5
L2+00S3+75W	2.0	335	5	13	41	1384	2	16	243	8	175	1	5
L2+00S4+00W	1.5	183	5	15	71	1458	3	24	63	4	166	1	5
L2+00S4+25W	.5	125	7	22	85	3045	3	32	43	1	128	1	5
L2+00S4+50W	1.2	135	7	16	73	1146	3	24	36	2	151	1	10
L2+00S4+75W	3.2	300	7	15	91	1258	3	32	137	2	222	1	5
L2+00S5+00W	.9	173	6	25	110	2360	6	24	57	1	170	1	5
L2+00S5+25W	1.0	172	6	20	79	1206	5	21	55	1	201	1	5
L2+00S5+50W	3.0	1540	6	15	77	748	4	19	343	7	294	1	40
L2+00S5+75W	.1	186	5	16	45	1556	3	16	31	2	185	1	10
L2+00S6+00W	.2	130	6	17	62	1034	3	29	27	2	141	1	5
L2+00S6+25W	1.5	416	5	19	77	1396	5	25	108	1	371	1	5
L2+00S6+50W	.6	196	7	19	53	1211	4	33	58	1	174	23	5
L2+00S6+75W	.7	80	6	20	49	1198	4	24	31	1	195	19	10
L2+00S7+00W	1.3	123	8	41	180	2039	5	43	46	1	360	12	10
L3+00S0+25W	3.0	283	7	16	52	1635	4	27	191	7	214	1	5
L3+00S0+50W	1.8	210	8	19	57	2119	3	26	191	3	243	1	5
L3+00S0+75W	6.2	530	7	15	56	1295	3	27	628	12	245	1	140
L3+00S1+00W	7.1	611	6	20	64	2032	3	30	672	13	221	1	110
L3+00S1+25W	2.5	435	7	20	55	2504	2	26	299	5	196	1	40
L3+00S1+50W	.7	185	6	16	44	2161	3	23	70	2	208	1	10
L3+00S1+75W	1.4	369	6	12	57	950	3	25	113	4	138	1	40
L3+00S2+00W	2.8	604	6	18	63	1888	3	32	316	7	265	1	5
L3+00S2+25W	.5	201	5	20	76	2626	3	59	63	7	191	1	5
L3+00S2+50W	.4	131	4	22	81	2549	3	102	51	6	282	1	5
L3+00S2+75W	1.0	130	6	19	76	2044	3	52	50	4	199	1	5
L3+00S3+00W	.8	111	6	17	63	1672	2	33	37	4	158	1	10
L3+00S3+25W	.3	74	5	14	47	1525	3	24	27	5	111	1	10
L3+00S3+50W	.8	97	4	14	48	1661	1	26	52	4	139	1	5
L3+00S3+75W	.6	38	5	16	52	1732	3	22	28	1	164	1	10
L3+00S4+00W	.6	27	5	14	42	1651	2	20	29	3	123	1	5
L3+00S4+25W	.4	68	5	13	57	1550	2	23	24	3	114	1	5
L3+00S4+50W	.7	92	4	14	61	1314	3	26	43	4	136	1	5
L3+00S4+75W	.3	104	5	14	46	1651	3	27	43	4	147	1	5
L3+00S5+00W	.6	138	5	18	58	1951	3	24	52	3	175	1	5
L3+00S5+25W	.6	90	6	20	70	2356	3	27	46	2	156	1	5
L3+00S5+50W	1.3	56	11	24	61	1664	5	24	41	1	158	18	10
L3+00S5+75W	.6	70	4	13	52	915	3	21	27	3	115	1	5
L3+00S6+00W	.4	202	5	18	45	1568	4	25	127	3	659	1	5
L3+00S6+25W	2.1	118	6	35	77	2747	5	48	58	1	368	14	10
L3+00S6+50W	.1	9	7	29	41	1724	5	35	36	1	101	36	5
L3+00S6+75W	.7	58	8	34	93	1543	4	48	44	1	145	70	5
L3+00S7+00W	.6	32	6	18	60	1232	4	26	65	1	235	32	5
L1+00N0+25W	.7	49	9	18	43	779	2	25	26	1	109	21	5
L1+00N0+50W	.6	33	8	17	41	1061	3	21	22	1	123	4	5
L1+00N0+75W	.8	45	8	19	37	1069	3	27	33	3	111	23	5
L1+00N1+00W	.4	19	8	17	34	986	2	22	20	1	98	13	10
L1+00N1+25W	.3	34	6	16	30	1024	2	20	27	3	107	2	10
L1+00N1+50W	.5	23	7	14	31	658	2	19	21	1	105	13	10
L1+00N1+75W	.4	40	7	17	32	1029	2	27	24	2	107	12	5
L1+00N2+00W	.5	38	6	18	40	1119	3	25	34	1	112	8	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: C-88-003
ATTN: A.JACKSON/A.SMALLWOOD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0790-SJS+6
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L1+00N2+25W	.7	77	7	16	34	979	3	29	26	5	131	5	5
L1+00N2+50W	.4	103	7	15	36	943	3	26	38	4	126	3	5
L1+00N2+75W	.2	107	7	21	54	2216	4	52	41	5	210	1	5
L1+00N3+00W	.3	17	7	15	42	2099	2	27	25	3	142	1	10
L1+00N3+25W	.4	69	7	15	31	1513	4	19	37	1	140	1	5
L1+00N3+50W	.3	75	7	19	51	2033	4	31	43	1	216	1	5
L1+00N3+75W	.7	40	8	14	37	1407	2	23	27	4	164	1	5
L1+00N4+00W	.7	66	8	17	44	1316	5	28	38	1	152	4	5
L1+00N4+25W	1.0	99	6	18	48	1208	4	30	53	4	173	8	5
L1+00N4+50W	1.6	80	9	24	77	1176	6	45	77	5	154	12	10
L1+00N4+75W	1.6	131	7	14	42	658	3	25	116	3	156	10	5
L1+00N5+00W	4.1	518	7	15	59	559	3	29	320	6	471	9	100
L1+00N5+25W	2.3	295	5	11	36	539	2	24	280	11	191	1	40
L1+00N5+50W	2.5	97	8	20	55	1965	2	16	116	1	236	1	20
L1+00N5+75W	5.2	286	5	11	65	721	3	22	418	7	327	1	10
L1+00N6+00W	3.4	468	6	14	53	954	4	22	390	6	285	1	10
L1+00N6+25W	3.3	311	6	24	54	1072	5	64	245	7	251	29	5
L1+00N6+50W	2.2	259	6	15	54	759	4	38	145	5	263	6	5
L1+00N6+75W	3.4	304	7	17	47	691	4	43	225	6	184	59	20
L1+00N7+00W	3.7	392	4	14	45	801	3	27	366	9	199	17	5
L2+00N0+00W	.8	32	8	13	32	547	3	18	16	1	108	7	5
L2+00N0+25W	.7	7	7	11	20	607	1	14	10	1	84	3	5
L2+00N0+50W	.8	19	8	14	29	593	1	27	10	1	98	12	10
L2+00N0+75W	.8	29	7	15	39	625	3	21	19	1	115	6	5
L2+00N1+00W	.7	31	7	14	34	735	2	19	21	2	121	3	10
L2+00N1+25W	.8	21	8	14	32	756	3	18	15	1	101	4	20
L2+00N1+50W	.8	46	9	16	40	979	2	25	21	1	114	10	5
L2+00N1+75W	.5	8	7	13	27	641	2	19	5	1	81	6	10
L2+00N2+00W	.4	32	7	14	31	897	2	21	10	1	92	5	5
L2+00N2+25W	.2	26	7	18	38	1292	3	34	15	1	140	6	5
L2+00N2+50W	.1	57	4	16	46	911	3	16	9	1	83	5	5
L2+00N2+75W	.4	75	6	14	34	646	3	20	12	1	92	12	10
L2+00N3+00W	2.0	1937	6	13	37	564	2	14	85	5	107	5	5
L2+00N3+25W	.7	46	8	22	49	1766	3	28	41	1	154	9	10
L2+00N3+50W	.5	33	8	20	49	1483	3	30	38	1	184	5	5
L2+00N3+75W	.4	34	7	15	31	970	3	20	18	1	97	6	5
L2+00N4+00W	.5	34	7	17	32	900	2	21	17	1	102	13	5
L2+00N4+25W	.8	21	8	16	31	671	2	17	8	1	93	16	5
L2+00N4+50W	.7	12	10	17	36	823	3	25	6	1	93	20	5
L2+00N4+75W	.9	19	8	15	28	630	3	19	9	2	78	20	10
L2+00N5+00W	.7	34	7	16	35	665	3	29	19	1	117	17	5
L2+00N5+25W	.8	123	9	24	53	1028	3	21	118	3	163	35	5
L2+00N5+50W	1.2	101	7	15	44	660	4	22	96	2	147	15	5
L2+00N5+75W	1.2	129	6	15	45	656	3	23	49	2	152	24	10
L2+00N6+00W	1.2	257	6	15	51	940	2	27	54	1	254	5	5
L2+00N6+25W	1.1	130	6	15	42	1031	3	23	49	4	210	4	5
L2+00N6+50W	2.8	426	8	17	65	1248	4	24	229	2	365	5	5
L2+00N6+75W	2.4	464	8	19	75	1324	3	25	213	3	422	5	5
L2+00N7+00W	4.1	332	8	18	88	997	3	27	332	3	599	9	160
L3+00N2+25W	12.1	401	6	14	57	763	4	21	1177	9	580	3	20
L3+00N2+50W	4.6	345	7	19	68	1145	3	28	528	3	570	10	5
L3+00N2+75W	1.0	78	7	17	47	1008	3	22	37	2	166	4	5
L3+00N3+00W	.8	109	6	19	40	1394	3	19	51	1	171	3	5
L3+00N3+25W	.5	82	7	19	43	1408	3	30	56	1	190	5	5
L3+00N3+50W	.6	31	5	14	28	972	3	18	29	2	126	5	5
L3+00N3+75W	.4	16	6	17	36	1508	2	25	25	2	123	2	5
L3+00N4+00W	.1	2	6	17	32	1751	3	23	23	2	127	3	10
L3+00N4+25W	.7	24	6	16	40	1488	3	27	58	3	177	4	5
L3+00N4+50W	.3	29	6	18	42	1272	2	27	21	1	125	7	60
L3+00N4+75W	.4	7	6	23	65	1905	3	74	21	1	170	4	20

COMP: CYPRUS GOLD CANADA LTD.
PROJ: C-88-003
ATTN: A.JACKSON/A.SMALLWOOD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0790-SJ7
DATE: AUG-09-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L3+00N5+00W	.1	67	5	26	72	2871	5	18	65	1	155	1	5
L3+00N5+25W	.2	60	4	25	80	2342	3	14	48	1	170	1	5
L3+00N5+50W	.4	43	4	15	34	598	3	15	14	1	93	16	10
L3+00N5+75W	.9	202	4	14	40	673	2	19	102	1	207	13	5
L3+00N6+00W	.8	79	4	15	42	821	2	20	74	1	150	11	10
L3+00N6+25W	.2	57	4	17	27	1155	3	14	100	1	115	15	200
L3+00N6+50W	1.4	140	3	15	35	824	3	17	300	5	198	7	30
L3+00N6+75W	1.5	123	4	18	52	777	3	21	207	2	178	20	10
L3+00N7+00W	1.0	95	5	22	82	843	4	27	89	1	197	43	10
L4+00N3+00W	.7	47	6	20	45	1044	3	25	45	1	125	6	5
L4+00N3+25W	.6	31	6	20	58	1524	2	24	21	1	111	1	10
L4+00N3+50W	.8	66	7	22	51	1074	2	28	31	1	133	16	20
L4+00N3+75W	.9	96	6	20	56	812	2	28	21	1	131	23	20
L4+00N4+00W	.9	66	6	18	45	636	3	24	31	1	100	23	40
L4+00N4+25W	.9	56	7	23	59	968	3	34	30	1	168	23	5
L4+00N4+50W	.8	41	6	15	28	495	2	17	9	1	68	21	5
L4+00N4+75W	.6	201	5	18	44	798	3	23	39	2	174	13	5
L4+00N5+00W	.8	46	6	18	37	667	2	20	16	1	95	22	10
L4+00N5+25W	.8	36	7	17	31	610	2	19	13	1	79	22	10
L4+00N5+50W	.7	64	6	18	40	741	3	24	17	2	113	19	5
L4+00N5+75W	.4	53	5	18	36	839	3	17	26	2	129	14	10
L4+00N6+00W	.1	16	4	15	30	653	3	14	13	1	88	14	20
L4+00N6+25W	.6	38	5	16	29	656	2	17	14	1	89	18	5
L4+00N6+50W	.7	35	5	16	32	667	3	18	18	2	89	17	5
L4+00N6+75W	.8	68	5	24	50	1021	4	27	31	1	189	45	10
L4+00N7+00W	.8	43	6	21	50	727	3	19	36	1	116	31	10

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0898-SJ1+2
DATE: AUG-18-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L300S0725W	.6	81	6	27	88	1415	6	38	52	2	221	1	5
L300S0750W	1.4	151	9	29	160	1589	8	36	50	1	287	26	5
L300S0775W	.4	76	5	13	65	662	6	21	24	1	122	1	5
L300S0800W	1.0	47	12	35	169	1671	7	38	45	3	166	62	5
L300S0825W	.6	48	8	24	106	1284	6	31	35	1	134	7	5
L300S0850W	.3	44	6	21	75	1399	5	28	36	1	122	8	5
L300S0875W	.7	42	6	13	48	780	5	18	19	1	94	4	5
L300S0900W	.5	57	7	17	42	1012	5	24	31	1	118	1	5
L300S0925W	.7	68	6	17	47	1042	5	33	47	1	136	1	5
L300S0950W	.2	34	6	14	20	654	5	23	23	1	79	32	10
L300S0975W	.6	38	10	23	97	934	6	30	37	2	139	19	5
L300S1000W	.2	11	6	16	46	551	4	20	24	1	81	11	5
L400S0725W	.9	174	5	16	52	1052	5	27	58	1	202	1	5
L400S0750W	1.4	620	8	23	72	1054	6	37	177	4	663	14	55
L400S0775W	1.4	423	10	26	72	765	7	46	166	4	722	26	80
L400S0800W	.8	479	8	22	49	1007	9	33	176	2	492	17	25
L400S0825W	1.7	474	9	24	55	1502	7	36	178	4	476	25	30
L400S0850W	1.9	634	10	27	67	1450	7	44	204	6	680	28	20
L400S0875W	.8	628	9	21	46	900	8	31	231	4	561	13	5
L400S0900W	1.1	144	9	19	61	634	5	32	72	2	200	30	5
L400S0925W	2.7	478	11	30	86	1277	8	62	184	7	790	97	35
L400S0950W	1.3	160	10	19	48	596	6	24	67	1	207	31	5
L400S0975W	.5	49	10	22	45	814	6	34	49	3	143	49	10
L400S1000W	.8	70	8	18	52	632	5	28	35	1	116	30	25
L500S0725W	.5	180	7	17	31	466	7	29	36	1	133	20	5
L500S0750W	.6	176	5	15	42	928	5	27	26	1	141	1	5
L500S0775W	.5	46	5	10	27	413	4	16	21	1	100	1	5
L500S0800W	.5	52	8	18	46	683	6	37	35	1	124	42	5
L500S0825W	.7	74	7	17	50	647	6	25	42	1	163	20	5
L500S0850W	1.5	406	8	17	50	564	5	25	123	2	384	19	5
L500S0875W	1.6	339	7	15	58	470	5	29	126	13	410	18	5
L500S0900W	1.0	441	4	15	47	727	5	28	148	1	484	15	50
L500S0925W	.9	369	5	16	38	651	7	30	151	2	446	21	5
L500S0950W	.3	35	7	20	57	756	5	30	38	1	106	30	5
L500S0975W	.6	144	6	15	56	430	6	27	63	1	245	15	5
L500S1000W	.4	54	5	22	154	832	6	25	35	1	165	6	5
L600S0725W	1.2	41	8	25	98	961	6	29	40	2	140	23	10
L600S0750W	.4	73	6	14	23	797	4	15	24	1	115	13	5
L600S0775W	.4	18	10	34	107	1334	6	55	48	1	138	100	5
L600S0800W	.7	38	7	21	54	885	5	27	35	1	106	21	30
L600S0825W	.5	73	7	20	45	939	4	24	37	1	113	13	25
L600S0850W	.1	13	7	16	26	911	6	18	31	1	95	24	5
L600S0875W	.3	30	7	19	72	458	4	40	30	1	96	86	5
L600S0900W	.4	35	7	20	80	481	5	31	35	1	100	38	5
L600S0925W	1.8	400	8	25	75	1092	7	45	158	3	486	42	10
L600S0950W	1.6	325	8	23	68	792	6	47	128	3	445	47	15
L600S0975W	1.8	187	8	22	79	655	6	37	111	3	512	21	10
L600S1000W	.3	54	8	23	67	1055	5	22	39	1	139	16	5
L700S0725W	.4	35	8	24	73	765	5	31	37	3	124	35	5
L700S0750W	.6	60	6	20	58	826	5	29	45	1	109	77	5
L700S0775W	.5	64	7	22	75	992	5	37	52	1	142	44	40
L700S0800W	.4	61	9	25	70	1012	5	38	48	3	125	43	5
L700S0825W	.2	24	7	18	46	622	5	22	25	1	101	25	5
L700S0850W	.2	19	8	19	41	622	6	20	29	1	122	27	10
L700S0875W	.9	47	11	31	113	1202	7	45	51	6	135	79	10
L700S0900W	1.1	37	6	14	38	460	5	22	25	1	96	37	15
L700S0925W	1.1	50	9	28	120	1016	5	43	48	2	152	29	5
L700S0950W	1.0	29	14	43	145	1406	7	47	52	1	156	59	5
L700S0975W	.7	59	8	18	43	651	4	26	47	1	118	15	20
L700S1000W	.5	47	9	31	89	1383	7	30	49	1	169	33	15

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0898-SJ3+4
DATE: AUG-18-89
• TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L800S0400W	.3	1	7	18	44	2805	4	25	38	1	199	1	5
L800S0425W	.3	89	7	18	41	3247	4	24	38	1	205	1	5
L800S0450W	.1	25	6	36	33	2565	7	30	35	1	103	1	5
L800S0475W	.5	2	5	43	76	2596	5	58	33	1	190	1	5
L800S0500W	.7	33	5	21	100	1022	4	32	28	1	125	1	5
L800S0525W	.8	8	7	20	72	1365	5	18	34	1	145	1	5
L800S0550W	.1	59	7	24	77	1789	6	21	62	1	165	1	15
L800S0575W	.2	93	6	23	64	1487	7	23	64	1	184	1	5
L800S0600W	17.2	1188	5	17	54	1225	6	15	351	10	464	1	330
L800S0625W	.8	201	5	17	55	612	8	21	111	1	229	1	15
L800S0650W	1.5	27	17	42	35	2060	11	59	60	7	268	16	5
L800S0675W	2.3	102	11	31	39	819	7	59	72	3	358	91	100
L800S0700W	.4	59	9	49	116	2420	7	46	57	5	219	17	20
L800S0725W	1.0	19	12	31	133	849	7	37	37	3	155	61	5
L800S0750W	.6	44	10	31	107	877	6	45	38	3	172	152	5
L800S0775W	1.1	17	13	43	19	901	7	130	37	3	104	311	5
L800S0800W	.4	18	11	29	85	1225	6	30	36	2	119	50	5
L800S0825W	.8	47	10	27	101	1398	5	32	47	1	137	18	5
L800S0850W	.6	17	10	27	70	1008	5	29	31	1	119	22	5
L800S0875W	.7	32	11	24	46	795	6	27	35	1	121	28	5
L800S0900W	.7	32	9	17	41	635	5	22	31	1	98	12	5
L800S0925W	.7	55	8	18	47	684	4	20	44	1	133	5	5
L800S0950W	1.5	37	12	26	96	860	5	35	46	3	130	41	5
L800S0975W	1.0	43	9	22	60	577	5	32	37	2	282	24	5
L800S1000W	.8	39	9	21	68	567	4	26	38	1	113	24	5
L900S0400W	.4	55	6	25	73	2243	5	36	30	2	173	1	5
L900S0425W	.8	46	8	21	66	2145	4	41	52	4	185	1	5
L900S0450W	.2	46	6	20	51	1499	5	31	52	1	199	1	5
L900S0475W	.4	64	8	27	47	1981	6	47	46	2	226	1	5
L900S0500W	.1	1	7	52	58	2834	4	71	38	1	178	1	5
L900S0525W	.1	1	6	30	40	2148	5	29	36	1	124	1	5
L900S0550W	.2	8	7	13	20	872	3	2	15	1	93	1	5
L900S0575W	1.0	467	6	21	65	1646	5	22	51	4	157	1	570
L900S0600W	.5	154	6	27	45	1480	5	22	111	1	229	1	15
L900S0625W	.1	60	6	24	52	1548	4	19	34	1	113	1	5
L900S0650W	.6	1	13	36	100	2160	8	45	52	5	126	22	5
L900S0675W	.4	74	9	48	126	2201	7	52	46	4	151	66	80
L900S0700W	.5	70	10	30	157	1248	6	31	36	4	134	33	5
L900S0725W	.2	1	9	54	232	2431	7	60	47	1	211	24	10
L900S0750W	.5	105	9	40	94	1559	6	53	51	2	185	29	75
L900S0775W	.6	42	9	37	99	1876	5	40	43	1	199	10	15
L900S0800W	.4	1	9	21	45	1233	6	12	22	1	92	12	5
L900S0825W	.3	28	8	37	76	1284	7	42	45	1	117	37	5
L900S0850W	.5	50	10	35	137	1652	7	60	48	4	179	94	20
L900S0875W	.6	33	9	21	54	803	5	31	48	2	109	44	5
L900S0900W	.7	73	9	21	41	784	5	23	89	2	155	6	5
L900S0925W	.9	55	10	17	52	503	4	22	39	1	109	11	10
L900S0950W	.6	37	9	39	154	1870	7	35	73	1	228	12	5
L900S0975W	1.1	7	16	40	105	1819	9	66	55	4	132	185	10
L900S1000W	.5	5	13	46	134	1882	7	21	37	1	166	1	10
L1000S0400W	.5	17	9	24	40	2525	7	19	48	3	169	1	15
L1000S0425W	.3	5	6	15	28	1763	2	12	22	1	145	1	5
L1000S0450W	.1	1	8	56	120	2786	6	57	42	1	127	1	5
L1000S0475W	1.7	1	19	50	275	2158	7	11	45	2	180	1	5
L1000S0500W	.1	1	6	21	45	2327	7	22	27	1	170	1	5
L1000S0525W	.1	10	9	90	221	3567	11	58	51	1	200	1	5
L1000S0550W	.3	52	8	38	85	2639	9	23	59	2	209	1	5
L1000S0575W	.5	29	10	24	44	1725	9	20	40	1	159	1	10
L1000S0600W	1.1	130	9	33	78	2255	23	58	66	12	103	1	5
L1000S0625W	1.2	38	11	31	99	1218	6	48	54	5	147	53	5

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0898-SJ5
DATE: AUG-18-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
L1000S0650W	.1	23	5	31	77	1713	5	13	27	1	181	1	5
L1000S0675W	.1	7	9	35	84	1658	9	28	35	1	216	1	5
L1000S0700W	.1	1	11	50	73	2677	8	59	44	2	134	148	5
L1000S0725W	.5	21	12	32	70	1418	6	38	41	2	143	111	5
L1000S0750W	.1	12	9	32	77	1552	6	33	41	1	123	22	5
L1000S0775W	.8	57	9	29	69	911	4	34	99	2	139	7	5
L1000S0800W	.1	38	8	15	30	682	5	22	35	1	109	4	5
L1000S0825W	.6	1	16	45	123	1472	7	17	49	1	193	1	5
L1000S0850W	.5	28	10	31	117	798	6	37	55	1	154	42	5
L1000S0875W	.2	26	7	14	31	373	3	19	15	1	83	12	5
L1000S0900W	.6	33	8	24	77	666	4	18	37	1	158	1	5
L1000S0925W	.6	28	8	17	69	466	4	17	47	1	132	8	5
L1000S0950W	.3	3	9	58	186	3069	6	38	45	1	176	1	5
L1000S0975W	.7	13	10	29	107	1088	6	35	57	1	189	31	5
L1000S1000W	.5	182	12	35	120	1087	8	32	40	3	286	21	45

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SPECIALISTS IN MINERAL ENVIRONMENTS

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0965-SG1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 23 SOIL samples submitted AUG-23-89 by JIM CUTTLE.

Sample Number	AU-FIRE PPB	PB PPM	AG PPM	AS PPM
L0+00 4+50W	63	182	3.6	650
L0+00 4+75W	59	197	3.7	625
L0+00 5+00W	54	135	3.2	525
L0+00 5+25W	130	450	3.4	850
L0+00 5+50W	100	393	5.0	775
L0+00 5+75W	180	460	4.8	1100
L1+00S 3+50W	64	360	4.7	800
L1+00S 3+75W	111	470	5.6	825
L1+00S 4+00W	205	550	5.0	950
L1+00S 4+25W	162	548	5.8	900
L1+00S 4+50W	147	440	4.8	775
L1+00S 4+75W	22	153	2.2	625
L2+00S 2+00W	62	455	3.4	800
L2+00S 2+25W	443	985	8.9	1150
L2+00S 2+50W	305	820	8.7	1175
L3+00S 0+75W	160	690	8.2	1075
L3+00S 1+00W	192	689	7.6	1150
L3+00S 1+25W	95	450	4.6	1100
L3+00S 1+50W	39	243	3.0	1000
L3+00S 1+75W	43	123	1.8	725
L1+00N 5+00W	207	445	4.0	1125
L1+00N 5+25W	130	450	2.4	1100
L2+00N 7+00W	30	148	1.2	425

Phantom Zone Check.

Certified by

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Rock Sample Results

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SPECIALISTS IN MINERAL ENVIRONMENTS

VANCOUVER OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0728-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: JUL-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 21 ROCK samples submitted JUL-21-89 by J.CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON	PB %	ZN %	AS %
CR0+50S	CRINE VEIN	.78	.023	14.3	.42	.06	.02	1.82
CR1+00S		2.61	.076	17.9	.52	.04	.01	3.50
CR1+55S		5.71	.167	14.6	.43	.05	.03	3.81
CR2+45S		2.60	.076	21.8	.64	.04	.01	3.82
CR2+85S		3.60	.105	41.0	1.20	.12	.01	5.90
CR3+10S		.18	.005	5.8	.17	.03	.01	.38
CR4+20S		3.40	.099	2.4	.07	.01	.01	5.60
CR4+35S		2.20	.064	11.5	.34	.02	.01	4.23
CR4+55S		3.95	.115	114.0	3.33	.98	.02	8.65
CR5+40S		8.61	.251	34.3	1.00	.12	.01	9.50
CR5+75S		10.27	.300	26.0	.76	.38	.08	8.63
CR6+00S		4.70	.137	20.7	.60	.49	.03	5.44
CR6+20S		9.20	.268	38.2	1.11	.62	.09	9.70
CR7+00S		6.35	.185	56.0	1.63	1.03	.22	5.37
JCR001	CRINE VEIN	15.10	.440	12.4	.36	.17	.24	18.10
JCR002	—"—	13.75	.401	87.0	2.54	2.05	.12	17.90
JCR003	—"—	9.58	.279	76.5	2.23	.80	.06	8.75
JCR042	SCOTIA VEIN	24.20	.706	372.0	10.85	9.98	9.54	11.30
JCR043	—"—	14.66	.428	88.0	2.57	1.04	.08	18.40
ASR024		26.40	.770	316.0	9.22	4.63	.39	18.30
JCR041		.06	.002	1.9	.06	.01	.01	.18

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VANCOUVER OFFICE:
705 WEST 15TH STREET
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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0725-RA1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-21-89
Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON
JC-R-010	CRINE #1,3	13.20	.385
JC-R-011		17.60	.513
JC-R-012		8.60	.251
JC-R-013		6.82	.199
JC-R-014		23.40	.683
JC-R-015		37.20	1.085
JC-R-016		6.22	.181
JC-R-017		31.50	.919
JC-R-018		21.60	.630
JC-R-019		12.60	.368
JC-R-020		28.10	.820
JC-R-021		25.80	.753
JC-R-022		30.00	.875
JC-R-023		5.60	.163
JC-R-024		13.60	.397
JC-R-025		3.86	.113
JC-R-026		12.80	.373
JC-R-027		4.82	.141
JC-R-028		2.00	.058
JC-R-029		6.52	.190
JC-R-030		30.00	.875
JC-R-031		.37	.011
JC-R-032		.40	.012
JC-R-033		.58	.017
JC-R-034		7.80	.228
JC-R-035		.07	.002
AS-R-010		8.21	.239
AS-R-011		2.80	.082
AS-R-012		44.20	1.289
AS-R-013	CRINE #1,3	5.86	.171

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0725-RA2

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-21-89
Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 19 ROCK samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON
AS-R-014	CRINE #1,3	5.10	.149
AS-R-015		3.62	.106
AS-R-016		19.20	.560
AS-R-017		8.10	.236
AS-R-018		11.40	.333
AS-R-019		.27	.008
SC-R-007		.16	.005
SC-R-008		5.58	.163
SC-R-009		4.37	.127
SC-R-010		12.00	.350
SC-R-011		38.50	1.123
SC-R-012		1.60	.047
SC-R-013		8.75	.255
SC-R-014		72.00	2.100
SC-R-015		24.90	.726
SC-R-016		21.30	.621
SC-R-017		3.00	.088
SC-R-018		.96	.028
SC-R-019	CRINE #1,3	6.82	.199

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705 WEST 15TH STREET
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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0725-RG1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-21-89
Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM
JC-R-010	CRINE #1,3	9800	83	18000	78	146.0	150000	865
JC-R-011		13000	20	590	90	16.2	177000	520
JC-R-012		7200	12	385	116	5.4	102000	240
JC-R-013		6000	13	138	34	3.7	90000	239
JC-R-014		20000	94	4800	238	43.5	153000	430
JC-R-015		35000	12	615	25	17.2	174000	466
JC-R-016		4200	217	34500	1050	680.0	52500	840
JC-R-017		27000	406	570	2000	86.0	174000	525
JC-R-018		18000	540	12500	890	100.0	133500	420
JC-R-019		10600	164	2350	143	75.0	111000	320
JC-R-020		24400	160	2300	590	27.2	159000	416
JC-R-021		23600	295	51000	495	340.0	72000	510
JC-R-022		26000	705	11000	710	118.0	177000	419
JC-R-023		5000	223	425	356	5.1	73500	98
JC-R-024		10000	585	195	1000	27.9	114000	185
JC-R-025		3400	36	360	208	3.9	51000	72
JC-R-026		9000	3165	650	690	22.0	129000	150
JC-R-027		4800	91	710	325	9.8	60000	88
JC-R-028		2200	37	205	112	1.9	30000	21
JC-R-029		5200	72	74	85	3.6	135000	113
JC-R-030		27500	482	11500	340	67.0	174000	236
JC-R-031		324	3030	1800	28	550.0	1700	110
JC-R-032		240	168	980	18	435.0	1250	143
JC-R-033		442	292	1710	31	570.0	1200	97
JC-R-034		6600	102	1730	124	29.0	3900	18
JC-R-035		40	280	49000	890	1400.0	230	3965
AS-R-010		6800	510	25000	307	810.0	42000	860
AS-R-011		2000	765	2750	333	950.0	4500	880
AS-R-012		39000	432	45000	950	1500.0	123000	4950
AS-R-013	CRINE #1,3	4400	1725	46500	48000	1500.0	19000	3170

* THESE SAMPLES SHOULD HAVE BEEN REQUESTED FOR ASSAY.

Certified by _____

MIN-EN LABORATORIES

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SPECIALISTS IN MINERAL ENVIRONMENTS

VANCOUVER OFFICE:
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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0725-RG2

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-21-8[illegible]

Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 19 ROCK samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM
AS-R-014	CRINE #1,3	4200	136	49000	337	260.0	39000	478
AS-R-015		3000	218	2550	360	44.0	97500	300
AS-R-016		15000	331	2900	265	49.0	123000	435
AS-R-017		7600	1080	9000	1550	360.0	168000	930
AS-R-018		10800	73	1230	115	40.0	69000	459
AS-R-019		274	80	375	74	14.2	5000	35
SC-R-007		100	72	21	46	0.4	400	8
SC-R-008		5000	187	5650	197	425.0	51000	680
SC-R-009		3800	247	10000	210	107.0	60000	418
SC-R-010		9900	1110	5000	317	500.0	64500	645
SC-R-011		36000	1200	63000	830	2050.0	22000	5460
SC-R-012		1490	113	395	56	405.0	20000	387
SC-R-013		7000	415	51000	426	187.0	45000	453
SC-R-014		64000	496	46500	496	325.0	30000	440
SC-R-015		18000	278	8400	145	375.0	150000	4650
SC-R-016		18200	340	1790	179	570.0	102000	2955
SC-R-017		2480	485	1220	92	250.0	78000	395
SC-R-018		685	15	470	42	11.9	53000	58
SC-R-019	CRINE #1,3	6400	40	430	392	8.1	129000	118

* THESE SAMPLES SHOULD HAVE BEEN REQUESTED FOR ASSAY.

Certified by _____

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

CYP GO
280996

Assay Certificate

9V-0863-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-11-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted AUG-10-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
JC-R-078	6.35	.185	23.9	.70
JC-R-079	152.00	4.433	125.0	3.65
JC-R-080	3.81	.111	2.4	.07
JC-R-081	12.35	.360	6.8	.20
JC-R-082	2.42	.071	127.0	3.70
JC-R-083	8.18	.239	271.0	7.90
JC-R-084	4.92	.144	348.0	10.15
JC-R-085	.66	.019	81.0	2.36
JC-R-086	6.00	.175	199.0	5.80
JC-R-087	.36	.011	242.0	7.06
JC-R-088	3.29	.096	90.0	2.63
JC-R-089	.16	.005	9.7	.28
JC-R-090	10.50	.306	470.0	13.71
JC-R-091	.14	.004	2.2	.06
1.00-092	1.00	.029	36.3	1.06
JC-R-093	.16	.005	112.0	3.27
SC-R-050	.65	.019	119.0	3.47
SC-R-051	.02	.001	1.8	.05
SC-R-052	.61	.018	6.1	.18
SC-R-053	2.65	.077	54.2	1.58
SC-R-054	7.55	.220	42.6	1.24
SC-R-055	.54	.016	11.8	.34
SC-R-056	7.50	.219	490.0	14.29
AS-R-057	.12	.004	42.9	1.25
AS-R-058	.05	.001	44.0	1.28
AS-R-059	.04	.001	53.8	1.57
AS-R-060	.02	.001	127.0	3.70
AS-R-061	.02	.001	50.4	1.47
AS-R-062	.04	.001	138.0	4.03
AS-R-063	.02	.001	134.0	3.91

152 g/t Au

Au zone + Zn = Dis...

— By Zone.

Certified by [signature]
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TIMMINS OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0863-RA2

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-11-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 3 ROCK samples submitted AUG-10-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
AS-R-064	.02	.001	112.0	3.27
AS-R-065	.01	.001	39.4	1.15
AS-R-066	.02	.001	38.2	1.11

EX. ✓

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Geochemical Analysis Certificate

9V-0863-RG1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-11-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 30 ROCK samples submitted AUG-10-89 by JIM CUTTLE.

Sample Number	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM
JC-R-078	892	1080	440	23000	410
JC-R-079	24	2850	63	3000	29
JC-R-080	19	116	570	12000	1
JC-R-081	18	860	390	14000	1
JC-R-082	190	3300	70	4100	132
JC-R-083	435	15000	49	4200	262
JC-R-084	940	3800	113	21000	1080
JC-R-085	365	840	14	1450	53
JC-R-086	1040	2600	220	22000	495
JC-R-087	122	1400	45	2500	69
JC-R-088	335	1290	51	11500	60
JC-R-089	470	46	45	825	1
JC-R-090	610	18500	760	21000	910
JC-R-091	23	67	19	650	8
JC-R-092	330	475	39	17500	1165
JC-R-093	2390	4700	3950	2750	291
SC-R-050	81	3250	520	17500	267
SC-R-051	116	81	121	300	1
SC-R-052	62	1260	840	1000	1
SC-R-053	78	2800	235	15000	1
SC-R-054	34	3350	260	20000	173
SC-R-055	115	560	205	2700	2
SC-R-056	340	76000	675	18000	446
AS-R-057	520	4400	114	725	55
AS-R-058	490	670	122	575	66
AS-R-059	2100	210	105	1425	222
AS-R-060	685	490	62	850	65
AS-R-061	710	187	38	625	4
AS-R-062	275	355	29	800	28
AS-R-063	1880	360	74	350	20

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0863-RG2

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-11-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 3 ROCK samples submitted AUG-10-89 by JIM CUTTLE.

Sample Number	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM
AS-R-064	700	540	87	600	62
AS-R-065	270	156	31	200	1
AS-R-066	3250	77	57	50	1

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MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0864-RJ1
DATE: AUG-14-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
AS-R-055	9.3	132	1	6	30	167	2	10	17	48003	20	383	4710
AS-R-056	4.1	28	14	16	13	363	4	1	72	216	65	114	213
AS-R-057	236.8	4432	1	4	21	99	1	5	44	179	17	373	21
AS-R-058	168.6	832	173	15	367	143	1	1	4667	7	441	169	107
AS-R-059	1.1	3	1	8	8	933	1	1	37	163	18	113	12
AS-R-070	.6	84	1	6	9	756	1	5	13	258	33	287	58
AS-R-071	.6	2733	1	2	11	68	2	4	36	1	27	453	159
AS-R-072	.7	4304	1	3	9	139	1	6	16	12	7	454	207
AS-R-073	.6	4895	1	3	8	66	1	1	10	1	13	414	178
AS-R-074	.2	451	1	3	8	712	2	6	10	1	19	419	11
AS-R-075	.1	180	2	18	12	1872	3	27	12	1	75	421	8
JC-R-094	.3	64	1	3	13	88	3	5	3	1	15	533	1
JC-R-095	1.5	239	1	2	6	62	2	4	19	1	8	382	83
SC-R-057	1.1	49	3	14	71	315	3	34	24	1	50	350	20

Regional + Felsic Plutons / Rocks

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0864-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-14-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 1 ROCK samples submitted AUG-10-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
AS-R-055	5.38	.157

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0964-RJ1
DATE: AUG-24-89
• TYPE ROCK GEOCHEM • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
JCR096	.2	9	50	26	1	77	1
JCR097	1.1	50	10	155	1	67	8
JCR098	.3	37	7	28	1	29	10
JCR099	81.5	333	18	375	13	55	205
JCR100	6.7	1050	59	857	7	1164	156
JCR101	.7	15	50	32	1	60	3
JCR102	3.3	347	15	688	2	922	36
JCR103	1.8	56	113	56	7	249	9
JCR104	570.9	17156	562	53428	837	522	6200

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0964-RG1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 1 ROCK samples submitted AUG-23-89 by JIM CUTTLE.

Sample Number	AU-FIRE PPB	PB PPM	AG PPM	AS PPM
L2+00S 2+00W	4	67	0.9	16

Certified by

MIN-EN LABORATORIES

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
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TELEPHONE (705) 264-9996

Assay Certificate

9V-0964-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 1 ROCK samples submitted AUG-23-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
JCR104	7.60	.222

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1023-RJ1
DATE: AUG-30-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
JCR111	.6	31	4	5.7	4	24	185	3	6	24	1	226	2
JCR112	6.8	451	2	4.1	3	21	242	3	8	17	1	25	1
JCR113	10.8	676	5	4.2	5	21	651	2	15	46	3	46	38
JCR114	158.9	1396	9	1.5	19	2833	546	1	1	67	48	202	2
JCR115	160.2	1322	7	2.9	18	2748	529	1	1	57	46	195	24
JCR116	2.6	64	3	.7	5	81	444	19	12	10	1	37	4
JCR117	91.2	6766	3	42.9	4	64	267	2	2	2995	149	97	99
ASR084	2.6	117	6	2.3	7	30	4857	3	36	98	2	82	2
ASR085	1.1	60	2	1.5	6	31	487	4	20	31	1	74	4
ASR086	.7	36	5	1.3	10	35	1550	4	46	25	1	136	1
SCR076	1.4	65	9	3.4	25	27	1092	7	36	53	1	79	5
SCR077	510.1	27412	9	214.7	18	800	1	5	1	91524	1025	462	19000
SCR078	5.4	372	3	1.4	6	33	164	4	3	945	10	23	45
SCR079	5.4	626	4	5.7	6	60	431	3	1	758	6	44	61

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1023-RA2

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-30-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 1 ROCK samples submitted AUG-29-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
BCR077	21.95	.640

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1150-RJ1
DATE: SEP-23-89
• TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
JCR119	7.6	83	1	1.1	3	16	49	2	4	11	1520	24	2
JCR120	.1	78	1	.3	5	11	884	2	10	7	65	34	22
JCR121	.1	106	2	1.0	7	35	484	1	32	12	7	100	4
JCR122	.3	34	1	.5	2	10	222	1	8	2	20	22	1
JCR123	.3	108	2	.3	5	26	140	2	11	292	16	91	3
JCR124	2.2	22	10	1.1	12	17	500	4	1	32	1	57	1
JCR125	1.8	11	9	.3	15	18	613	3	6	32	1	86	2
JCR126	.6	14	1	.5	3	11	242	1	2	32	1	161	1
JCR127	1.9	12	12	.3	30	17	5907	1	43	44	1	139	2
JCR128	.9	16	2	.8	3	8	851	2	10	5	1	13	4
JCR129	2.0	1	9	.3	17	49	453	4	9	11	1	80	18
JCR130	2.6	1	11	.3	32	202	363	3	17	14	1	77	9
JCR131	2.1	1	9	.3	20	104	259	1	7	11	1	74	2
JCR132	2.2	1	11	1.9	20	130	512	5	8	21	1	188	29
JCR133	2.3	8	12	.3	20	51	792	4	8	45	1	93	1
JCR134	1.6	30064	4	258.5	100	61	19	2	1	14	48	16	840
ASR093	53.6	128866	67	2012.2	46	1113	1	1	1	236	174	65	4300
ASR094	38.6	1712	13	13.8	6	50	118	2	4	47	1	34	243
ASR095	37.2	121226	30	1897.3	53	1816	1	3	1	116	266	104	2250
ASR096	56.2	122499	38	1850.6	46	740	1	4	1	32	260	43	3200
ASR097	89.8	1752	7	369.8	25	598	4739	9	20	21141	102	21315	38
SCR084	22.7	40823	4	371.6	12	43	42	2	1	754	365	144	14500
MCR008	.9	330	3	2.4	4	10	161	2	1	58	1	83	60

Rock Geochem

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TIMMINS OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1150-RA1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-23-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 4 ROCK samples submitted SEP-18-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
ASR093	4.78	.139
ASR095	2.60	.076
ASR096	3.30	.096
SCR084	18.80	.548

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA LTD.
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1066-RJ3
DATE: SEP-16-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ASR087	1.1	191	3	.9	6	96	129	4	1	25	1	39	1
ASR088	31.7	28776	10	160.3	9	163	107	1	1	573	109	52	6250
ASR089	1.5	86894	3	765.3	25	229	20	1	1	97	511	370	4400
ASR090	2.0	56871	4	392.9	15	96	31	1	1	132	361	297	3800
ASR091	173.6	728	60	239.4	25	630	3018	8	19	39728	136	8634	69
ASR092	2.0	248	7	.1	20	135	212	2	11	183	1	128	39
SCR075	1.6	99	2	1.3	4	38	807	3	5	93	18	82	22
SCR080	1.0	95	1	.1	6	33	648	1	29	17	1	35	5
SCR081	26.2	433	9	.1	9	82	58	125	1	196	1	33	16
SCR082	.7	42	2	.1	15	43	205	4	30	13	1	27	1
SCR083	689.1	171	1514	.5	8	527	9	3	1	874	326	15	159
JCR118	20.0	643	7	40.0	3	211	176	2	1	2480	23	393	88

Rock Geochem

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Assay Certificate

9V-1066-RA2

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-16-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 3 ROCK samples submitted SEP-06-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
ASR 088	6.40	.187
ASR 089	4.62	.135
ASR 090	4.02	.117

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1023-RJ2+3
DATE: SEP-12-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CD PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	AU PPB
MC-R-004	.7	270	1	.5	14	37	19	7	15	13	43	45	28
MC-R-005	.8	79	3	.1	21	160	355	1	4	15	1	52	2
MC-R-006	16.7	561	6	20.9	29	44	1706	5	23	7643	33	2316	940
MC-R-007	15.5	985	3	4.9	34	27	1	3	12	5127	41	330	1400
JC-R-105	2.1	507	3	2.4	16	14	471	1	13	64	65	26	102
JC-R-106	1.8	236	2	.1	30	60	51	12	27	47	15	75	252
JC-R-107	1.3	99	4	1.0	23	11	614	9	36	32	6	23	24
JC-R-108	17.2	39854	3	344.0	27	134	7	3	13	1306	385	76	30000
JC-R-109	559.1	16943	6	152.9	23	623	12	5	15	29389	1942	675	5000
JC-R-110	17.8	150	6	1.4	1	14	39	2	3	300	4	22	98
AS-R-058	2.6	27	1	.3	2	8	42	1	4	44	1	16	12
AS-R-059	.6	45	1	.3	2	17	29	1	5	9	1	15	4
AS-R-060	1.1	60	1	.4	4	36	548	2	21	10	5	51	12
AS-R-061	.8	45	5	.1	8	70	365	3	10	25	3	55	11
AS-R-062	1.3	1135	2	8.4	4	44	71	1	1	106	104	40	574
AS-R-063	1.4	99	5	.9	8	151	205	1	1	15	1	318	12
AS-R-064	.5	291	13	.1	59	11	6577	3	1	54	5	386	28
AS-R-065	2.5	64	9	.1	28	108	288	3	7	25	1	63	17
AS-R-066	2.2	11	10	.1	36	128	524	8	20	41	1	70	32
AS-R-067	.6	147	2	1.9	6	19	461	2	2	9	39	188	18
AS-R-068	1.3	5	11	24.0	18	112	3910	5	8	36	1	875	58
AS-R-069	2.3	9	11	.1	43	230	231	2	22	12	1	76	3
AS-R-070	2.3	12	14	.1	15	60	244	2	5	13	1	28	1
AS-R-071	1.2	24	1	.1	2	17	48	4	5	5	1	17	16
AS-R-072	1.3	42	2	.5	8	26	916	2	15	13	1	36	21
AS-R-073	1.3	1238	4	7.4	11	32	413	5	14	27	8	63	112
AS-R-074	1.6	82	4	.5	8	20	1256	3	15	21	35	48	33
AS-R-076	.8	26	1	.1	2	52	93	2	5	8	15	6	10
AS-R-077	.7	60	2	.1	6	11	1032	1	7	13	9	29	13
AS-R-078	.6	36	3	.1	11	13	1188	1	9	20	2	35	2
AS-R-079	1.0	10	1	.1	2	13	22	3	1	20	1	16	2
AS-R-080	.6	48	1	.6	6	17	554	2	10	22	1	43	26
AS-R-081	1.2	160	2	.3	4	17	104	1	2	27	3	19	185
AS-R-082	1.3	235	2	1.2	5	15	368	2	7	72	3	18	277
AS-R-083	2.5	8371	4	53.7	17	53	27	3	1	191	10	16	40

Rock Geochem
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other...

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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1023-RA3

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-12-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 3 ROCK samples submitted AUG-29-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
MC-R-007	1.44	.042
JC-R-108	34.65	1.011
JC-R-109	5.90	.172

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Assay Certificate

9V-0725-PA1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-23-89

Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 30 PULPS samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AG G/TONNE	AG OZ/TON
JC-R-010	CRINE #1, 3	173.0	5.05
JC-R-011		19.8	.58
JC-R-012		6.0	.18
JC-R-013		4.3	.13
JC-R-014		46.7	1.36
JC-R-015		17.8	.52
JC-R-016		745.0	21.73
JC-R-017		88.5	2.58
JC-R-018		108.0	3.15
JC-R-019		79.2	2.31
JC-R-020		29.9	.87
JC-R-021		387.0	11.29
JC-R-022		125.0	3.65
JC-R-023		6.3	.18
JC-R-024		28.2	.82
JC-R-025		3.2	.09
JC-R-026		24.7	.72
JC-R-027		11.6	.34
JC-R-028		2.2	.06
JC-R-029		4.1	.12
JC-R-030		70.5	2.06
JC-R-031		580.0	16.92
JC-R-032		505.0	14.73
JC-R-033		582.0	16.98
JC-R-034		32.4	.95
JC-R-035		3490.0	101.79
AS-R-010		920.0	26.83
AS-R-011		1120.0	32.67
AS-R-012		3240.0	94.50
AS-R-013	CRINE #1,3	1570.0	45.79

3490 g/t Ag.
Crine #1,3

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0725-PA2

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: J.CUTTLE/A.JACKSON

Date: JUL-23-89

Copy 1. CYPRUS GOLD, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 19 samples submitted JUL-20-89 by J.CUTTLE.

Sample Number		AG G/TONNE	AG OZ/TON
AS-R-014	CRINE #1,3	294.0	8.58
AS-R-015		46.4	1.35
AS-R-016		49.8	1.45
AS-R-017		390.0	11.38
AS-R-018		42.2	1.23
AS-R-019		16.0	.47
SC-R-007		1.0	.03
SC-R-008		482.0	14.06
SC-R-009		124.0	3.62
SC-R-010		540.0	15.75
SC-R-011		2290.0	66.79
SC-R-012		446.0	13.01
SC-R-013		206.0	6.01
SC-R-014		384.0	11.20
SC-R-015		421.0	12.28
SC-R-016		665.0	19.40
SC-R-017		276.0	8.05
SC-R-018		12.8	.37
SC-R-019	CRINE #1,3	9.9	.29

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0722-RA1

Company: CYPRUS GOLD
Project: TEEPEE
Attn: A.JACKSON

Date: JUL-21-89

He hereby certify the following Assay of 2 ROCK samples submitted MMM-DD-YY by .

Sample Number		AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON	PB %	ZN %	CU %	AS %
JC-R-006	CRINE #1	4.50	.131	1910.0	55.71	3.20	7.68	.226	2.59
JC-R-007	—"—	39.00	1.138	75.0	2.19	.20	.03	.012	16.20

Crine #1 ≈ L-4S, 27+5E

Certified by

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9-728R/P1+2
DATE: JUL-24-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BI PPM	CO PPM	CU PPM	MN PPM	MO PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
ASR001	8.7	2118	4	14	58	473	2	12	1052	22	188	167	430
ASR002	1.7	470	1	7	39	398	2	24	258	3	55	282	81
ASR003	2.2	114	10	36	318	456	5	16	95	1	89	63	20
ASR004	1.3	70	9	28	63	559	2	12	45	1	107	82	3
ASR005	.3	66	1	2	10	66	3	2	42	1	19	185	2
ASR006	1.8	133	8	19	39	499	10	6	41	1	105	63	46
ASR007	2.0	57	10	21	67	430	5	12	109	1	133	75	3
ASR008	.6	62	4	7	64	193	2	3	27	1	26	120	2
ASR009	1.6	3467	15	98	283	1658	15	1	49	6	107	42	350
ASR020	1.5	4908	40	14	5	351	3	1	28	20	92	75	165
ASR021	3.5	11242	9	72	5	1079	4	11	245	14	207	81	21
ASR022	12.3	255	4	11	140	654	1	3	355	10	947	136	430
ASR023	76.2	103450	1	33	295	1	1	1	173	738	589	30	30000
ASR025	2.6	594	8	38	16	2117	8	93	237	11	457	223	85
ASR026	7.2	3395	4	20	14	838	5	29	737	21	380	157	950
ASR027	25.7	136	3	6	87	2051	3	10	5569	29	470	130	2
ASR028	1.3	2673	5	51	159	558	4	3	53	7	67	258	520
SCR001	3.2	419	13	31	83	278	2	31	60	1	54	85	2
SCR002	1.7	92	6	20	51	266	5	10	33	1	81	94	22
SCR003	2.6	201	7	19	181	438	3	1	44	1	62	42	1
SCR004	1.7	59	4	9	117	394	3	8	29	4	2820	211	560
SCR005	1.0	26	4	11	63	837	4	14	64	28	89	124	1
SCR006	2.8	407	4	9	41	593	4	39	262	177	1092	222	40
SCR020	5.0	1207	1	4	40	219	3	1	700	15	104	113	220
SCR021	.5	79	2	3	17	211	3	1	46	1	71	133	2
SCR022	2.2	64	11	15	7	700	3	3	51	5	124	133	1
SCR023	1.3	107	6	8	55	355	4	2	46	2	73	130	1
SCR024	.9	31	5	6	5	387	6	2	17	1	48	154	2
SCR025	1.1	23	7	9	22	315	5	3	22	1	39	120	3
SCR026	1.4	18	8	24	141	633	4	6	46	2	57	76	7
SCR027	.9	1	10	79	27	806	14	810	95	18	61	1044	1
SCR028	.2	131	1	2	15	25	4	1	15	1	15	87	18
SCR029	1.9	81	7	15	113	698	7	1	32	10	536	156	160
SCR030	.1	36	2	5	9	481	2	13	17	1	65	345	2
SCR031	1.4	69	6	13	67	1112	5	1	109	11	164	107	2
SCR032	3.0	19	17	22	30	1030	4	11	46	2	103	84	1
SCR033	1.2	84	6	12	27	427	6	42	32	8	52	185	1
SCR034	.6	120	3	6	19	329	5	29	21	1	201	173	1
SCR035	.4	26	1	3	31	250	5	1	19	1	28	169	2
SCR036	2.6	73	3	13	70	216	1	1	26	1	81	171	10
SCR037	496.0	5096	6	6	339	39	3	1	6004	433	548	258	7800
JCR004	9.8	41	6	16	786	331	8	1	59	3	62	91	4000
JCR005	12.0	19	23	35	76	3309	1	1	536	1	343	1	24
JCR008	.5	4379	9	8	16	132	4	1	32	1	22	123	2
JCR009	.9	3809	4	3	8	192	2	2	23	1	22	170	1
JCR036	5.4	351	2	4	37	173	3	5	1401	235	91	139	42
JCR037	.4	33	1	2	10	111	2	6	18	2	25	197	3
JCR038	.6	11154	5	19	30	53	4	5	20	38	13	71	2
JCR039	45.1	125100	55	40	1088	42	1	1	272	144	59	1	3000
JCR040	42.4	6903	2	10	50	764	1	8	947	92	821	142	82

Property
Rock Sample
9 Aug 89

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Assay Certificate

9V-0728-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: JUL-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 4 ROCK samples submitted JUL-21-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
ASR023	35.60	1.038
SCR037	10.80	.315
JCR004	4.78	.139
JCR039	3.41	.099

Certified by _____

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SPECIALISTS IN MINERAL ENVIRONMENTS

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0795-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 30 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
JC-R-044	.03	.001	380.0	11.08
JC-R-045	.02	.001	226.0	6.59
JC-R-046	.02	.001	81.5	2.38
JC-R-047	8.32	.243	4.2	.12
JC-R-048	18.00	.525	10.9	.32
JC-R-049	11.00	.321	64.0	1.87
JC-R-050	21.00	.613	5.9	.17
JC-R-051	5.02	.146	84.0	2.45
JC-R-052	1.69	.049	75.5	2.20
JC-R-053	10.43	.304	212.0	6.18
JC-R-054	27.50	.802	137.0	4.00
JC-R-055	19.10	.557	76.0	2.22
JC-R-056	14.35	.419	295.0	8.60
JC-R-057	39.15	1.142	417.0	12.16
JC-R-058	2.32	.068	18.3	.53
JC-R-059	.38	.011	7.8	.23
JC-R-060	29.55	.862	26.0	.76
JC-R-061	26.30	.767	18.5	.54
JC-R-062	26.60	.776	52.0	1.52
JC-R-063	8.57	.250	287.0	8.37
JC-R-064	28.55	.833	8.4	.25
JC-R-065	29.50	.860	11.7	.34
JC-R-066	1.30	.038	56.0	1.63
JC-R-067	28.45	.830	314.0	9.16
JC-R-068	35.20	1.027	88.0	2.57
JC-R-069	20.85	.608	423.0	12.34
JC-R-070	16.35	.477	37.6	1.10
JC-R-071	.02	.001	0.2	.01
JC-R-072	1.00	.029	7.7	.22
JC-R-073	3.01	.088	13.4	.39

Certified by _____

MIN-EN LABORATORIES

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0795-RA2

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 30 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
JC-R-074	.35	.010	2.3	.07
JC-R-075	14.45	.421	5.9	.17
JC-R-076	12.50	.365	6.0	.18
JC-R-077	29.80	.869	10.5	.31
MC-R-001	.41	.012	7.2	.21
MC-R-002	.02	.001	0.4	.01
MC-R-003	.01	.001	18.3	.53
SC-R-038	.01	.001	2.9	.08
SC-R-039	.01	.001	0.3	.01
SC-R-040	.44	.013	131.0	3.82
SC-R-041	.03	.001	32.7	.95
SC-R-042	.02	.001	10.0	.29
SC-R-043	.03	.001	198.0	5.78
SC-R-044	8.50	.248	129.0	3.76
SC-R-045	3.55	.104	55.8	1.63
SC-R-046	8.85	.258	173.0	5.05
SC-R-047	2.35	.069	36.4	1.06
SC-R-048	5.10	.149	3.7	.11
SC-R-049	21.60	.630	4.3	.13
AS-R-029	.04	.001	0.2	.01
AS-R-030	.26	.008	0.3	.01
AS-R-031	22.60	.659	14.2	.41
AS-R-032	7.60	.222	48.0	1.40
AS-R-033	40.90	1.193	432.0	12.60
AS-R-034	3.46	.101	46.4	1.35
AS-R-035	22.85	.666	605.0	17.65
AS-R-036	38.00	1.108	40.0	1.17
AS-R-037	16.25	.474	1460.0	42.58
AS-R-038	.60	.018	112.0	3.27
AS-R-039	.08	.002	790.0	23.04

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0795-RA3

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 15 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
AS-R-040	.02	.001	33.9	.99
AS-R-041	.02	.001	167.0	4.87
AS-R-042	.01	.001	21.6	.63
AS-R-043	.18	.005	1760.0	51.33
AS-R-044	.10	.003	845.0	24.65
AS-R-045	.03	.001	152.0	4.43
AS-R-046	.02	.001	67.4	1.97
AS-R-047	.02	.001	21.1	.62
AS-R-048	10.60	.309	10.0	.29
AS-R-049	.07	.002	0.6	.02
AS-R-050	.14	.004	1.5	.04
AS-R-051	.82	.024	1.8	.05
AS-R-052	.01	.001	6.1	.18
AS-R-053	.01	.001	0.2	.01
AS-R-054	.02	.001	1.7	.05

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0795-RG1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number		CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM
JC-R-044	Scotia Vein	2550	780	10	375	130
JC-R-045		1100	310	62	350	20
JC-R-046		220	235	4	375	2
JC-R-047		16	360	117	74000	200
JC-R-048		135	500	830	91000	320
JC-R-049		118	8000	164	76000	264
JC-R-050		44	305	57	90000	354
JC-R-051		605	1980	118	93000	86
JC-R-052		560	18900	560	6300	70
JC-R-053		765	71000	3900	52000	370
JC-R-054		1050	38000	1230	80000	531
JC-R-055		300	12900	1050	79000	225
JC-R-056		210	50000	775	81000	510
JC-R-057		2550	53000	10000	90000	463
JC-R-058		225	1750	660	53000	67
JC-R-059		48	860	192	4150	2
JC-R-060		390	780	410	94000	410
JC-R-061		305	735	460	92000	340
JC-R-062		345	5600	475	93000	736
JC-R-063		410	15200	540	72000	370
JC-R-064		57	610	95	92000	481
JC-R-065		84	245	79	91000	368
JC-R-066		41	1900	158	2500	30
JC-R-067		325	54000	280	90000	955
JC-R-068		215	9100	215	95000	623
JC-R-069		540	34000	3300	89000	651
JC-R-070	Scotia Vein.	170	6700	580	92000	295
JC-R-071		34	26	235	425	1
JC-R-072		455	130	340	70	1
JC-R-073		1190	29	86	98	1

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0795-RG2

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number		CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM
JC-R-074		157	9	4	28	1
JC-R-075	Qtz Zone	6	245	42	5000	1
JC-R-076	↕	4	590	99	375	1
JC-R-077	Qtz zone	3	400	23	600	1
MC-R-001		1300	22	34	71000	34
MC-R-002		102	28	15	98	2
MC-R-003		345	280	510	350	1
SC-R-038		108	43	126	29	1
SC-R-039		355	17	35	54	4
SC-R-040		6600	18	115	56	3
SC-R-041		255	172	44	31	1
SC-R-042		198	41	43	46	1
SC-R-043		18500	123	850	34	5
SC-R-044		550	1240	19	84000	225
SC-R-045		265	2250	260	58000	38
SC-R-046		325	16000	235	76000	350
SC-R-047		78	6900	310	32000	57
SC-R-048		9	450	148	84000	46
SC-R-049		4	255	74	96000	520
AS-R-029		52	31	40	850	1
AS-R-030		48	32	53	2600	1
AS-R-031		295	335	1900	99000	560
AS-R-032		200	4350	1010	81000	220
AS-R-033		760	46000	715	93000	580
AS-R-034		195	3800	176	19000	55
AS-R-035		1080	98000	33500	86000	790
AS-R-036		260	6750	610	98000	700
AS-R-037		930	120000	1620	17500	1105
AS-R-038		4900	3000	139	3500	75
AS-R-039		11200	2100	360	9500	2750

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0795-RG3

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-02-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 15 ROCK samples submitted AUG-01-89 by J.CUTTLE.

Sample Number	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM
AS-R-040	6300	89	205	250	2
AS-R-041	16500	395	245	75	3
AS-R-042	1650	400	92	315	1
AS-R-043	77000	2850	310	780	17
AS-R-044	2950	32000	157	77	230
AS-R-045	20500	290	215	87	50
AS-R-046	5000	7100	48000	400	26
AS-R-047	111	42	138	62	3
AS-R-048	92	700	400	90000	590
AS-R-049	39	23	18	52000	52
AS-R-050	106	36	76	17500	10
AS-R-051	174	25	12	80000	30
AS-R-052	1100	24	75	860	1
AS-R-053	47	8	7	590	2
AS-R-054	53	40	81	92	2

Certified by _____

MIN-EN LABORATORIES

COMP: CYPRUS GOLD CANADA
PROJ: TEEPEE
ATTN: A.JACKSON/J.CUTTLE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-0795-PJ1
DATE: AUG-04-89
* TYPE PULP GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
JC-R-044	334.0	1900	135	1	78	.3	395	220	3.2	12	2402	25510	1520	1	260	34	6	100	5	160	762	150	7	1	1	4.8	15	1	1	1	132
JC-R-045	208.5	7010	187	1	147	.5	245	780	5.0	8	1031	29130	2070	2	2210	161	3	120	7	530	298	27	9	1	1	24.1	54	4	1	1	109
JC-R-046	84.6	2630	193	1	343	.3	57	80	3.6	6	232	19130	2450	1	240	70	3	50	1	40	242	1	4	1	1	3.3	2	2	1	2	188
JC-R-047	3.2	1520	59162	5	64	1.1	3	200	1064.3	18	28	100420	1010	1	340	18	1	70	1	150	360	230	3	1	1	7.0	102	1	1	1	127
JC-R-048	8.3	1890	103368	6	68	1.5	2	120	1990.0	29	129	137560	1050	1	320	12	1	20	1	120	467	389	1	1	1	7.1	689	1	2	1	69
JC-R-049	57.8	2560	56939	4	117	1.0	2	330	1008.8	15	119	92730	1790	1	270	13	1	70	1	120	8343	315	33	1	1	6.1	142	1	2	1	99
JC-R-050	4.2	810	91588	5	68	1.4	1	60	1713.8	19	37	113760	360	1	120	1	1	10	1	80	386	441	1	1	1	7.0	55	1	2	1	112
JC-R-051	69.4	1560	112462	10	94	1.7	37	90	2240.8	30	556	215930	3210	1	200	1	1	180	1	150	1666	228	23	1	1	10.4	105	1	2	1	1
JC-R-052	67.3	2000	5273	2	120	.7	2	400	97.0	6	532	48930	1620	1	390	61	1	120	1	140	16157	89	5	1	1	5.5	448	2	1	2	242
JC-R-053	183.4	4200	28923	11	167	1.4	4	840	624.2	20	727	175620	2950	1	660	4	5	100	1	320	50350	409	53	4	1	10.4	3245	2	4	1	10
JC-R-054	128.8	3050	72430	7	263	1.2	3	1260	1374.8	19	1033	128310	2400	1	390	1	4	50	1	160	34720	452	77	4	1	11.1	1117	1	3	1	19
JC-R-055	58.6	3180	53286	5	354	1.3	5	940	973.3	15	234	100210	2780	1	460	42	6	70	1	370	9672	235	72	2	1	29.1	783	1	2	1	35
JC-R-056	252.5	910	75644	8	33	1.3	3	80	1399.7	25	211	132450	640	1	230	1	1	20	1	80	44605	589	6	1	1	7.7	696	1	3	1	56
JC-R-057	358.2	2110	95531	14	77	1.7	2	120	2026.3	35	2441	228420	1410	1	330	1	3	70	1	140	43203	541	7	1	1	12.7	8572	1	5	1	1
JC-R-058	19.6	3700	31843	2	289	.6	5	310	560.7	12	235	48570	2070	1	530	20	11	50	1	350	1805	83	4	2	1	36.1	640	1	1	1	134
JC-R-059	8.2	3440	3447	1	286	.2	1	580	63.5	3	47	16660	2560	1	350	45	15	90	3	640	908	5	5	4	2	45.0	174	3	1	1	133
JC-R-060	20.9	1140	126672	11	20	1.7	1	30	2552.8	38	370	227720	1060	1	190	1	1	30	1	70	783	488	2	1	1	7.7	353	1	4	1	1
JC-R-061	14.7	750	130453	12	20	2.0	1	30	2641.0	34	302	240910	670	1	210	1	1	30	1	50	691	428	1	1	1	8.1	378	1	2	1	1
JC-R-062	41.1	1780	126087	9	74	1.7	1	150	2553.5	29	321	172680	1120	1	210	1	1	20	1	160	5168	395	5	1	1	8.9	401	1	3	1	18
JC-R-063	235.4	900	51373	4	48	1.1	1	40	921.7	14	373	88860	690	1	130	1	2	30	1	50	12998	433	3	1	1	5.9	465	1	2	1	137
JC-R-064	6.5	1580	115993	8	72	1.6	1	50	2333.4	27	48	150890	860	1	180	1	1	20	1	200	618	506	2	2	1	6.9	79	1	3	1	18
JC-R-065	7.9	1500	112184	7	75	1.4	2	80	2208.8	25	69	144350	780	1	210	1	1	30	1	80	236	427	3	1	1	9.3	69	1	3	1	55
JC-R-066	52.2	3910	3118	1	128	.4	1	320	54.1	3	39	18410	2820	1	330	37	3	70	1	70	1718	46	4	1	1	15.4	137	2	1	2	182
JC-R-067	284.1	1090	106120	10	38	1.5	6	30	2095.9	27	302	174950	800	1	180	1	1	20	1	90	45352	957	2	2	1	9.1	245	1	4	1	51
JC-R-068	76.9	770	129687	9	29	1.7	3	20	2621.5	30	199	180520	680	1	150	1	1	10	1	100	9348	720	3	1	1	9.1	187	1	3	1	15
JC-R-069	350.9	1900	101049	11	125	2.2	3	3360	2024.0	29	479	203030	1300	1	420	164	1	30	1	220	28048	741	39	1	1	14.8	2435	1	4	1	1
JC-R-070	31.8	1190	90900	9	47	1.8	1	80	1752.8	27	159	192440	1580	1	190	1	1	50	1	140	6308	344	5	1	1	7.1	508	1	3	1	22
JC-R-071	.1	4820	562	1	69	.2	1	4560	11.1	6	32	8580	2300	1	650	167	1	50	2	180	46	1	1	2	1	11.0	197	1	1	1	137
JC-R-072	5.6	16000	219	1	65	1.1	7	630	14.0	25	446	90720	3040	18	(10310)	240	9	310	1	540	133	1	3	4	1	161.5	287	9	1	1	31
JC-R-073	9.9	26370	179	1	73	1.4	7	540	7.9	25	1072	105460	3570	20	15260	481	4	160	1	580	44	1	3	5	1	199.6	82	13	2	2	22

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Drill
TP-89-1
(-6825, 26, 27)

Geochemical Analysis - Certificate 9V-0984-RG1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-25-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 23 ROCK samples submitted AUG-24-89 by J.CUTTLE.

Sample Number	AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6801	9	33	27	52	1.2	9
6802	4	32	13	45	0.5	7
6803	6	28	12	39	0.6	16
6804	71	77	66	40	5.4	425
6805	1	36	14	42	1.0	7
6806	2	34	10	56	0.8	7
6807	2	37	14	62	0.6	5
6808	1	19	10	64	0.8	6
6810	49	32	283	530	1.7	275
6811	44	47	99	385	1.2	525
6812	18	73	32	79	1.0	66
6813	11	35	25	73	1.1	250
6814	19	132	30	89	1.2	27
6815	52	150	136	65	5.4	3750
6816	1	69	17	45	1.0	9
6817	18	29	12	79	0.8	10
6818	1	36	20	118	0.7	20
6819	25	295	54	115	2.8	67
6820	5	37	13	100	0.9	19
6821	1	32	10	63	0.8	15
6822	2	28	10	68	0.6	29
6823	1	27	12	98	0.6	12
6824	2	29	13	89	0.8	21

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0963-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-24-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 1 ROCK samples submitted AUG-23-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON	PB %	ZN %	AS %
e809	2.7e	.081	19.8	.58	.43	.39	2.52

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Drillings TP-89-2 (+ and 8 #1).

Geochemical Analysis Certificate

9V-1023-RG3

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-12-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 16 ROCK samples submitted AUG-29-89 by J.CUTTLE.

Sample Number	AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6825	15	35	15	97	1.0	58
6826	4	38	27	89	1.3	92
6827	6	32	15	90	0.9	65
6828	1	25	17	83	0.9	24
6829	3	29	15	58	0.9	45
6830	3	31	13	58	0.7	24
6831	4	26	14	64	0.8	275
6833	2	22	19	93	0.8	16
6834	4	24	16	61	0.7	23
6835	3	30	15	99	1.0	16
6836	3	25	16	117	1.0	26
6837	7	36	17	275	0.9	36
6841	9	34	21	151	1.0	35
6842	26	35	11	138	0.9	10
6843	5	58	14	48	0.8	15
6844	1	38	14	89	0.8	26

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1010-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: AUG-29-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 4 ROCK samples submitted AUG-28-89 by J.CUTTLE.

Sample Number	AU-FIRE G/TONNE	AU-FIRE OZ/TON	PB %	ZN %	AG G/TONNE	AG OZ/TON	AS %
6832	.02	.001	.02	.06	1.7	.05	.01
6836	.05	.001	.01	.09	1.3	.04	.02
6839	.80	.023	.78	1.46	20.1	.59	.92
6840	.17	.004	.04	.18	2.2	.06	.04

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TELEPHONE: (705) 264-9996

Assay Certificate

9V-1023-RA1

Company: CYPRUS GOLD CANADA
Project: TEEREE
Attn: A.[illegible] J.CUTTLE

Date: AUG-30-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 7 ROCK samples submitted AUG-29-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AS %	SB %
6845	.01	.000	.002	.01	.01	0.3	.01	.01	.001
6846	.01	.018	.018	.16	.14	44.5	1.30	.48	.002
6847	7.66	.230	.795	2.41	6.90	640.0	18.67	4.16	.166
6848	.69	.026	.096	.19	.36	54.1	1.58	1.03	.007
6849	1.02	.026	.074	.16	.30	104.5	3.05	4.60	.005
6850	5.21	.152	.669	.92	1.90	545.0	15.90	4.42	.045
6851	.03	.007	.021	.03	.18	15.7	.57	.89	.019

TP-89-3.

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
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TELEPHONE: (705) 264-9996

Assay Certificate

9V-1065-RA1

Company: CYPRUS GOLD CANADA LTD.
Project: C-88-003
Attn: A.JACKSON/J.CUTTLE

Date: SEP-07-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 5 ROCK samples submitted SEP-06-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AS %	CD %
6880	.02	.001	.005	.01	.08	1.9	.06	.01	.001
6881	4.53	.132	.172	1.03	1.60	102.0	2.98	1.60	.037
6882	.20	.006	.204	.11	.19	49.8	1.45	.52	.002
6883	.22	.006	.073	.02	.30	8.6	.25	.27	.006
6884	.01	.001	.018	.01	.09	3.9	.11	.03	.001

TP-89-4

Certified by [signature]

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TELEPHONE. (705) 264-9996

TP-89-5, 6 Assay
3,4,5,6 Leaches

Assay Certificate

9V-1066-RA1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-07-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 22 ROCK samples submitted SEP-06-89 by J.CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AS %	CD %
6906	TP-89-5	.06	.002	.030	.02	.19	10.0	.29	.08	.002
6907		5.52	.161	.203	1.90	.62	1490.0	43.46	4.69	.005
6908		.03	.001	.022	.01	.08	10.2	.30	.04	.001
6909		.38	.011	.019	.18	.83	18.7	.55	.31	.004
6910		.38	.011	.011	.19	1.09	46.3	1.35	.33	.018
6911		.12	.004	.003	.03	.31	5.9	.17	.27	.003
6912		.21	.006	.008	.10	.43	9.8	.29	.29	.002
6913		.23	.007	.006	.09	.17	7.8	.23	.21	.001
6914		.10	.003	.007	.01	.02	3.7	.11	.07	.001
6915		.09	.003	.009	.01	.02	4.0	.12	.05	.001
6916		.51	.015	.020	.09	.04	10.7	.31	.31	.001
6918		1.19	.035	.018	.09	.12	16.6	.48	.77	.002
6931	TP-89-6	.24	.007	.012	.09	.30	10.3	.30	.06	.002
6932		1.68	.049	.061	.18	.78	151.0	4.40	.60	.009
6933		7.61	.222	.058	1.52	.54	285.0	8.31	2.06	.007
6934		2.12	.062	.040	.60	.42	96.0	2.80	.83	.004
6935		2.45	.071	.009	.10	.10	26.1	.76	1.37	.001
6936		1.44	.042	.041	.59	.68	97.0	2.83	.50	.016
6937		1.80	.053	.020	1.76	.50	122.0	3.56	.75	.008
6938		2.21	.064	.031	.64	.21	69.5	2.03	.71	.003
6939		1.02	.030	.019	.04	.13	20.7	.60	.48	.003
6940		3.35	.098	.013	.08	.07	13.1	.38	1.10	.002

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1066-RG1

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-15-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted SEP-06-89 by J.CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6901	TP-89-5	2	29	14	83	0.6	32
6902	↓	39	43	25	124	0.7	50
6903		55	113	730	950	5.1	650
6904		77	79	300	780	3.7	950
6905		102	95	370	1230	9.5	875
6917		16	18	112	700	2.0	100
6919		1	7	245	885	2.1	82
6920		2	22	32	450	1.1	68
6921		51	94	425	305	4.3	101
6922	—	3	39	8	82	1.0	15
6923	TP-89-6	1	42	7	67	1.0	27
6924	↓	4	49	13	123	1.3	20
6925		1	78	305	1670	2.6	78
6926		155	61	645	1970	4.1	1825
6927		5	37	16	72	1.5	26
6928		1	39	45	74	1.7	48
6929	↓	29	55	285	485	2.9	83
6930	—	54	78	450	775	4.8	86
6852	TP-89-3	2	167	710	870	1.9	2150
6853		3	46	64	705	1.3	98
6854		1	21	9	49	1.3	25
6855		2	30	6	88	1.4	12
6856		3	35	8	45	0.9	25
6857	↓	1	29	5	49	0.8	11
6858		1	27	6	92	0.9	13
6859		2	30	7	81	1.0	12
6860		4	79	27	290	1.3	21
6861		5	136	80	147	2.8	27
6862		2	40	36	75	2.2	21
6863	—	4	165	455	21500	7.0	87

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Geochemical Analysis Certificate

9V-1066-RG2

Company: CYPRUS GOLD CANADA LTD.
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-15-89

Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 27 ROCK samples submitted SEP-06-89 by J.CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6864	TP-89-3	1	50	210	810	1.1	21
6865		2	31	10	225	0.6	49
6866		4	28	30	24	0.7	18
6867		1	24	9	112	0.7	53
6868		2	18	5	135	0.6	56
6869		4	19	6	73	0.4	12
6870		5	30	9	143	0.7	1900
6871		980	51	365	67	13.9	1375
6872	TP-89-4	2	44	8	71	0.8	45
6873		5	34	9	137	0.4	31
6874		2	29	6	54	0.5	30
6875		6	46	5	235	0.7	51
6876		2	33	28	81	0.9	41
6877		1	31	9	32	0.5	34
6878		1	36	10	105	0.4	111
6879		3	32	6	67	0.8	8
6885		45	78	355	1530	3.3	101
6886		8	71	23	137	0.9	27
6887		57	105	29	78	1.4	38
6888		103	118	36	118	1.8	104
6889		60	57	18	86	1.0	1950
6890		1	64	8	147	0.8	42
6891		2	39	3	51	0.7	11
6892		3	25	4	290	0.7	28
6893		1	31	3	630	0.5	63
6894		5	40	31	156	0.4	23
6895		2	45	32	87	1.1	11

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1107-RA1

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-13-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 15 ROCK samples submitted SEP-12-89 by JIM CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AS %	CD %
6951	TP-89-7	.27	.008	.010	.14	.22	18.0	.23	.004
6952		.39	.011	.021	.27	.30	111.0	.11	.005
6953	↓	.17	.005	.011	.18	.28	25.0	.05	.005
6954		.17	.005	.009	.04	.10	10.0	.30	.001
6955		.04	.001	.004	.01	.06	2.4	.06	.001
6956	↓	10.04	.293	.110	.38	.23	143.0	5.52	.003
6957	↓	3.08	.090	.031	.28	1.42	22.1	3.31	.024
6958	—	26.35	.769	.032	.53	1.43	63.0	24.80	.025
6969	TP-89-8	.15	.004	.006	.07	.10	5.8	.22	.002
6970		1.81	.053	.121	1.00	.28	1210.0	3.40	.005
6971	↓ ↓	.19	.006	.019	.05	.08	18.2	.21	.002
6988	TP-89-9	.02	.001	.005	.02	.01	3.6	.07	.001
6989		.01	.001	.006	.04	.04	2.8	.01	.001
6990	↓	.02	.001	.004	.02	.01	2.2	.01	.001
6998	— ↓	.02	.001	.005	.01	.01	0.8	.02	.001

TP-89-7, 8, 9 assay
7, 8, 9, Geodata

96.3 g/t Au drill

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1107-RG1

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-20-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 30 ROCK samples submitted SEP-12-89 by JIM CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6941	TP-89-7	1	33	25	161	3.2	300
6942		2	34	14	87	3.0	90
6943		10	28	250	368	4.2	98
6944		5	40	27	108	2.5	100
6945		6	33	29	54	3.6	85
6946		3	34	48	58	3.8	83
6947		28	65	395	955	4.4	550
6948		510	54	740	332	6.3	103
6949		42	42	210	545	4.4	1400
6950		329	52	400	1900	4.0	2000
6959		19	17	71	164	3.6	17000
6960		783	465	810	183	4.7	2373
6961		7	45	26	69	3.8	52
6962	TP-89-8	1	27	15	80	1.9	57
6963		3	25	17	49	3.4	89
6964		1	34	23	109	4.5	51
6965		1	41	14	75	3.4	28
6966		3	26	15	40	3.3	27
6967		1	32	18	31	3.2	49
6968		21	32	17	34	1.7	65
6972		236	162	450	875	5.4	8750
6973		214	143	1540	1820	7.8	5200
6974		120	107	520	1410	5.6	1550
6975		246	58	560	1360	5.0	6600
6976		132	188	118	655	4.2	2100
6977		378	312	1140	395	2.6	17500
6978		132	188	245	134	7.2	2350
6979		30	144	106	147	5.2	200
6980		57	179	92	179	4.8	150
6981		11	50	56	51	3.8	77

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1107-RG2

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-20-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 13 ROCK samples submitted SEP-12-89 by JIM CUTTLE.

Sample Number		AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6982	TP-89-8	29	82	115	318	2.2	100
6983	TP-89-9	21	33	11	104	0.5	21
6984	↓	3	28	21	74	0.6	30
6985		18	36	24	73	0.5	55
6986		15	41	58	110	0.7	93
6987		12	35	15	84	0.6	90
6991		25	31	500	344	1.8	102
6992		11	33	83	328	0.9	60
6993		19	58	44	103	1.0	28
6994		7	42	52	71	0.8	33
6995		5	28	27	85	0.8	41
6996		7	24	15	193	0.6	12
6997		9	17	14	146	0.3	11

Certified by [signature]

MIN-EN LABORATORIES

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SPECIALISTS IN MINERAL E

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

TP-89-10,11,12

Assay Certifi

9V-1156-RA1

Company: CYPRUS GOLD CANADA LT
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-20-89
CYPRUS GOLD CANADA, VANCOUVER, B.C.
J.CUTTLE, NORTH VANCOUVER, B.C.

He hereby certify the following Assay of 14 ROCK samples submitted SEP-19-89 by J.CUTTLE.

Sample Number		AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AS %	CD %
6665	TP-89-11	10.63	.310	.002	.02	.01	8.0	.01	.001
6666	↓	2.60	.076	.007	.13	.07	12.2	.10	.001
6667	—	1.11	.032	.009	.12	.21	26.2	1.97	.002
6653	TP-89-10	.77	.022	.013	.12	.50	6.4	1.36	.005
6654	↓	.07	.002	.004	.01	.02	1.5	.01	.001
6655		8.00	.233	.012	.13	.84	14.2	8.70	.009
6656	↓	.16	.005	.005	.03	.08	3.4	.02	.001
6658	—	1.01	.029	.008	.04	.14	4.2	1.42	.002
6672	TP-89-12	.11	.003	.004	.01	.02	1.0	.01	.001
6673	↓	20.50	.598	.011	.75	.78	26.2	.11	.010
6674		.13	.004	.003	.02	.03	1.5	.01	.001
6675	↓	.61	.018	.017	.04	.08	11.6	1.40	.001
6676	↓	.19	.006	.006	.01	.01	1.4	.01	.001
6677	—	.14	.004	.014	.01	.01	1.0	.01	.001

Certified by [signature]

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1188-RA1

Company: CYPRUS GOLD CANADA
Project: TEEPEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-23-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 8 ROCK samples submitted SEP-22-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AS %	CD %
6690	.02	.001	.020	.01	.01	3.6	.11	.02	.001
6691	.02	.001	.018	.01	.01	1.9	.06	.01	.001
6692	.01	.001	.009	.13	.22	4.3	.13	.14	.001
6693	.51	.015	.010	.25	.31	10.5	.31	1.20	.001
6694	.46	.013	.006	.39	.37	8.2	.24	.86	.001
6695	.01	.001	.009	.02	.01	1.8	.05	.05	.001
6696	.02	.001	.002	.01	.01	0.3	.01	.03	.001
6697	.34	.010	.012	.19	.59	9.4	.27	.40	.001

DDH - 13 Anal

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1163-RG1

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-27-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 19 ROCK samples submitted SEP-21-89 by J.CUTTLE.

Sample Number	AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6651	12	18	14	71	0.6	7
6652	208	26	70	510	1.2	7500
6657	47	44	147	780	2.1	775
6659	6	52	19	69	1.0	32
6660	38	48	29	164	1.1	8
6661	9	24	24	89	0.8	16
6662	10	35	11	51	0.7	27
6663	18	48	29	106	1.0	44
6664	650	214	2855	450	5.8	1400
6668	11	64	25	158	1.3	23
6669	7	35	32	140	1.7	61
6670	2	58	26	173	1.4	12
6671	6	35	16	111	1.3	13
6678	210	90	157	290	3.9	1550
6679	2100	33	253	610	3.1	625
6680	362	45	305	770	8.1	2300
6681	2	73	21	139	1.4	22
6682	13	84	21	115	1.3	11
6683	22	167	24	170	1.1	10

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1190-RG1

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-27-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 6 ROCK samples submitted SEP-22-89 by J.CUTTLE.

Sample Number	AU-FIRE PPB	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
6684	1	28	38	107	1.2	66
6685	3	42	109	232	1.6	50
6686	2	26	49	125	1.1	79
6687	1	25	15	115	1.1	36
6688	1	33	14	74	1.0	11
6689	2	34	23	46	0.7	30

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TELEPHONE: (705) 264-9996

Assay Certificate

9V-1163-RA1

Company: CYPRUS GOLD CANADA
Project: TEE PEE
Attn: A.JACKSON/J.CUTTLE

Date: SEP-27-89
Copy 1. CYPRUS GOLD CANADA, VANCOUVER, B.C.
2. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 1 ROCK samples submitted SEP-21-89 by J.CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON
6679	2.25	.066

Certified by

MIN-EN LABORATORIES

APPENDIX 5

CYPRUS GOLD (Canada) Ltd.

			DIP AND BEARING TEST					
PROPERTY TEEPEE	GRID COORDINATE	STARTED August 16, 1989	Meterage	Dip	Bearing	Meterage	Dip	Bearing
HOLE No. T.P.-89-1	0+25E	FINISHED August 19, 1989						
BEARING 060	ELEVATION 1824M	LENGTH 131M						
DIP COLLAR -45	SECTION 4+00S	LOGGED BY Jim Cuttle						

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	As (ppm)	Pb (ppm)	Zn (ppm)
0.0	6.7	Overburden											
6.70	18.30	Siliceous Quartz Mica Schist											
		Typical grey to whitish grey unit, with mm scale bands of argillaceous material. Very hard and at times coarse grained to represent coarser sediments. Slump features are obvious but not abundant. Quartz boudins up to cm scale are seen but not common.			6801	8.50	10.50	2.0	9	1.2	9	27	52
					6802	15.24	17.24	2.0	4	0.5	7	13	45
					6803	18.00	20.00	2.0	6	0.6	16	12	39
		Pyrite found as disseminations and small stringers along bedding plans in very minor quartz bands.											
		18.10-18.20 - pyrite is obvious as disseminations and fracture fills up to 1%.											
		Traces of po can be seen with quartz boudins.											
		Bedding at 70° to C.A.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-1 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
18.30	44.78	Banded Graphitic Rich Argillaceous Quartz Mica Schist			6804	24.90	25.90	1.0	71	5.4	425	66	40
		Dark grey black banded unit similar to 6.7-18.30 alternating to minor zones of coarse grey arkosic rock. Bedding at 75° to C.A.			6805	32.00	34.00	2.0	1	1.0	7	14	42
					6806	35.00	37.00	2.0	2	0.8	7	10	56
		Pyrite and minor pyrrhotite as disseminations and fracture fills generally 1%.			6807	40.77	42.94	2.17	2	0.6	5	14	62
					6808	42.94	44.00	1.06	1	0.8	6	10	64
		@ 25.40 small (1 cm wide) massive py, aspy vein, 75° to C.A.											
		@ 44.10-44.15 quartz boudin with fracture fill pyrite up to 5% and light green chlorite and/or sericite.											
		Unit becomes more sericitic down hole notably from 41.00 to 44.78.											
44.78	45.00	Crine Vein #3		*	6809	44.00	45.00	1.0	0.081	0.58	2.92	0.43	0.39
		Vein is typically massive to semi massive and shows a bedded form. Hanging wall is 65° to C.A.		*	assays values				oz/t	oz/t	%	%	%
		Arsenopyrite - 50% Pyrite - 20% Sphalerite - 2% Galena - 5% Quartz - 20% Gangue - 3%											
45.00	45.50	Porphyritic Banded Rhyolite Dyke											
		Greenish to light grey green feldspar porphyritic felsic dyke. Flow banding is at 80° to C.A. Upper and lower contacts are sharp @ 65° to C.A. Minor fresh biotite in light green zones of dyke.			6810	45.00	46.00	1.0	49	1.7	275	283	530
		- Traces of pyrite are very fine grained.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No T.P.-89-1 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
45.50	50.73	Banded Graphitic Rich Argillaceous Quartz Mica Schist			6811	46.00	48.00	2.0	44	1.2	525	99	385
		Similar to 18.30-44.78 with increase in % of graphite and sulphide (py,po, aspy). Graphite commonly 30% as banded and foliated lenses along bedding planes.			6812	48.00	50.00	2.0	18	1.0	66	32	79
		@ 45.50-50.73 disseminated and fine grained aspy and py in trace amounts. @ 48.90 fracture fill structures with sp and py.											
50.73	51.35	Rhyodacitic Dyke			6813	50.00	52.00	2.0	11	1.1	250	25	73
		Grey green generally aphanitic dyke with slight feldspar porphyritic sections and minor small dark green hornblende laths. No visible sulphide Lower contact at 80° to C.A.											
51.35	101.50	Graphitic Rich Quartz Mica Schist			6814	54.40	55.40	1.0	19	1.2	27	30	89
					6815	55.40	56.40	1.0	52	5.4	3750	136	65
		Similar to previous units found at 18.30-44.78 and 45.50-50.73. @ 78.60-79.15 and 95.25-95.70 very minor disseminated and fracture filled pyrite in boudins.			6816	56.40	57.40	1.0	1	1.0	9	17	45
					6817	65.00	67.00	2.0	18	0.8	10	12	79
					6818	69.00	71.00	2.0	1	0.7	20	20	118
		@ 67.30-100.70 graphite % is very high and slump features are very abundant with brecciation.			6819	72.75	74.75	2.0	25	2.8	67	54	115
					6820	80.50	82.50	2.0	5	0.9	18	13	100
		@ 55.75, 74.30 bands up to 4 cm wide with massive pyrite, arsenopyrite, magnetite and pyrite.			6825	82.50	84.80	2.0	15	1.0	58	15	97
					6821	90.00	92.00	2.0	1	0.8	15	10	63
					6822	95.00	96.00	1.0	2	0.6	29	10	68
		Sulphide is generally small stringer pyrite along bedding planes 1% with local highs. Arsenopyrite possibly as disseminations with pyrite or alone in trace amounts.			6826	107.30	109.30	2.0	4	1.3	92	27	89

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-1 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ppb Au	ppm Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
101.50	107.38	Intermediate Feldspar Porphyry Dyke Greenish grey dyke spotted with plagioclase phenocrysts up to 1 cm in size. Matrix is medium grained with chlorite, altered hornblende and minor biotite. Very minor disseminated pyrite and highly magnetic Lower contact @ 75° to C.A.											
107.38	131.00	Graphitic rich Quartz Mica Schist Similar to previous units with local slumps zones and varieties of coarser arkosic sections. Sulphide (py) is minor and is found as stringer form along bedding planes. @120.0-129.60 quartz boudin with minor reddish orange stain along fractures.			6827	110.70	112.70	2.0	6	0.9	65	15	90
					6823	118.60	119.60	1.0	1	0.6	12	12	98
					6824	127.75	128.75	1.0	2	0.8	21	13	89
	131.00	E.O.H.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY	TEEPEE	GRID COORDINATE		STARTED	August 19, 1989
HOLE No.	T.P.-89-2		0+20E	FINISHED	August 23, 1989
BEARING	060°	ELEVATION	1844 m	LENGTH	74.80m
DIP COLLAR	-45°	SECTION	1+80S	LOGGED BY	S. Cormier

DIP AND BEARING TEST					
Meterage	Dip	Bearing	Meterage	Dip	Bearing

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
0	4.00	Overburden			6828	6.10	8.10	2.00	1	0.9	24	17	83
4.00	50.50	Banded Siliceous Graphitic Rich Quartz Mica Schist			6829	10.40	12.40	2.00	3	0.9	45	15	58
		Initially the beginning of this hole is not as graphitic as the latter part of hole T.P.-89-1. Unit has periodic short zones of coarser arkosic rock. Numerous cm scale quartz boudins as well as cm scale quartz veins are also present.			6830	17.50	19.50	2.00	3	0.7	24	13	58
		Schistosity is at 75° to C.A.											
		Pyrite is disseminated as well as along bedding planes; po present in these forms but in very minor proportions. Pyrite is also present as fracture fillings. Quartz boudins as well as quartz veins also host pyrite in minor quantities, along with lesser amounts of pyrrhotite. Unit also has siliceous zones as well. A more regular periodic slumping feature begins to appear around 20.00±m.			6831	20.60	22.60	2.00	4	0.8	275	14	64

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-2 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		Some of the slumping zones have a greater amount of quartz boudins, and in some cases more sulphide mineralization the regular schistosity.											
		@ 27.40 is a 20 cm section of siliceous, graphitic schist with pyrite, minor sphalerite and minor galena and chalcopyrite.		*	6832	26.60	27.60	1.00	0.001	0.05	0.01	0.02	0.08
					6833	27.60	29.60	2.00	2	0.8	16	19	93
		4" quartz vein at 29.0, with pyrite. 20 cm section 1% disseminated pyrite at 33.10.			6834	31.00	33.20	2.20	4	0.7	23	16	61
		31 m to 33 m has fairly abundant disseminated pyrite in silicified graphitic schist.			6835	37.00	39.00	2.00	3	1.0	16	15	99
		Schist is siliceous throughout section. 25 cm quartz vein at 45.8, has minor pyrite			6836	45.70	47.00	1.30	3	1.0	26	16	117
					6837	47.00	48.20	1.20	7	0.9	36	17	275
				*	6838	48.20	50.00	1.80	0.001	0.04	0.05	0.01	0.09
50.50	51.00	Brecciated Quartz Sphalerite Pyrite Arsenopyrite Galena Vein (Crine Vein #3)		*	6839	50.00	51.00	1.00	0.023	0.59	0.92	0.78	1.46
		Mineralization is concentrated over a 15 cm zone near the middle; this 15 cm has 30% quartz, 15% pyrite, 5% arsenopyrite, 1% galena, 2% sphalerite, 50% gaugue. Zone is semi-massive and brecciated, and rusty looking.											
51.00	74.80	Banded Siliceous Graphitic Quartz Mica Schist		*	6840	51.00	52.90	1.90	0.004	0.06	0.04	0.04	0.18
		Very siliceous throughout with disseminated pyrite 54.20 m. 57.0 m with pyrite veinlets also present and regular. Rock is			6841	54.20	57.40	3.20	9	1.0	35	21	151
		also very graphitic. Schistosity is wavey and irregular, difficult to get and angle of bedding, but it is generally 15°			6842	59.90	61.90	2.00	26	0.9	10	11	138
		to 20° from being normal to core axis.			6843	65.70	67.70	2.00	5	0.8	15	14	48
		Rock becomes more graphitic with depth.			6844	62.80	64.80	2.00	1	0.8	26	14	89
	74.80	E.O.H.			Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE	GRID COORDINATE	STARTED August 25, 1989	
HOLE No. TP-89-3	2+27E	FINISHED August 27, 1989	
BEARING 060	ELEVATION 1755 m	LENGTH 122.10m	
DIP COLLAR -48°	SECTION 3+62S	LOGGED BY Jim Cuttle	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
48M	- 45°				
94M	- 40°				
109M	- 41°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	(ppm) Ag	As (ppm)	Pb (ppm)	Zn (ppm)
0.00	4.26	Overburden and Casing											
4.26	6.92	Intermediate Feldspar Porphyry Dyke Typical dark greyish green in colour, with small mm to cm scale plagioclase phenocrysts. A fresh looking unit except hornblende that has been slightly altered to chlorite. - Lower contact @ 72° to C.A. - No obvious sulphide seen. - Dyke is moderately magnetic.											
6.92	19.40	Argillaceous Quartz Mica Schist Banded dark grey to white argillaceous layered unit with high degree of quartz banding. Unit is typically potted with weathered surfaces especially noticeable near the top of the unit from 6.92-8.50. - @ 16.95 minor fault gouge - @ 18.67 potted surface has fracture with white weather products (Pb carbonate?)			6854 6855 6856	6.92 12.91 18.20	9.50 14.91 19.40	2.58 2.00 1.20	1 2 3	1.3 1.4 0.9	25 12 25	9 6 8	49 88 45

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PROPERTY TEEPEE HOLE No TP-89-3 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
19.40	21.65	Rhyolitic Dyke Creamy white to greenish white, highly siliceous dyke with varying textures from aphanitic to finely feldspar porphyritic Small flow banding at 70° to C.A. No visible sulphide in unit.											
21.65	39.00	Slump folded Argillaceous Quartz Mica Schist Typical quartz banded greyish white schistose unit. Graphite is local and in small concentrations. Slump features show up as contortions and fold zones.			6857	33.30	34.20	0.90	1	0.8	11	5	49
					6858	34.20	35.45	1.25	1	0.9	13	6	92
					6859	35.45	36.40	0.95	2	1.0	12	7	81
		@ 32.68-36.78 increase in sericite along foliation planes just above brecciation.		*	6845	36.40	37.40	1.00	0.001	0.01	0.01	0.01	0.01
		@ 37.82-39.00 brecciation is particularly noticeable with disseminated pyrite 1% and possible traces of arsenopyrite.		*	6846	37.40	39.00	1.60	0.018	1.30	0.48	0.16	0.14
39.00	43.11	Crine #1 Vein Zone		*	6847	39.00	40.08	1.08	0.23	18.67	4.16	2.41	6.90
		Vein consists of varying amounts of massive to semi massive sphalerite, arsenopyrite, pyrite with coarse disseminated galena associated with sphalerite.		*	6848	40.08	41.00	0.92	0.026	1.58	1.03	0.19	0.36
				*	6849	41.00	42.08	1.08	0.036	3.05	4.60	0.16	0.30
39.00	43.11	Zones have been highly brecciated and recemented with iron stained quartz stockwork. Zones of brecciated country rock have been healed prominently with pyrite, arsenopyrite and silica mix.		*	6850	42.08	43.11	1.03	0.152	15.90	4.42	0.93	1.90
				*	Assay Values				oz/t	oz/t	%	%	%

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PROPERTY TEEPEE HOLE No TP-89-3 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		@ 39.00-39.20 Quartz arsenopyrite breccia with minor fragments of silicified country rock and disseminated pyrite. Arsenopyrite is very fine grained and not obvious. The hanging wall contact is higly fractured and unknown.											
		@ 39.20-39.70 Massive zone of sulphide at 75° to C.A. 50% coarse brown sphalerite 33% Quartz gangue 10% Arsenopyrite 5% Pyrite 1% Galena (associated with sp) 1% Chalcopyrite (finely disseminated)											
		@ 39.70-41.00 Siliceous vein zone with high degree of quartz stockwork and brecciation Banded and large blebs of pyrite and arsenopyrite with minor sphalerite and galena. 45% Pyrite 22% Silicified country rock 20% Quartz gangue 10% Arsenopyrite 2% Sphalertie 1% Galena											
		@ 41.00-41.26 Altered andesitic dyke, greyish green with small mm scale hornblende phenocrysts partially altered to chlorite. Dyke includes 2% disseminated arsenopyrite and cm scale bands of pyrite. Upper and lower contacts at 65° to C.A.											
		@ 41.26-41.72 Zone of brecciation and highly folded argillaceous quartz mica schist with fracture fill and large cm scale bands and blebs of py. Minor disseminated and mm scale brown sphalerite.											

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PROPERTY TEEPEE HOLE No TP-89-3 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm
		65% Quartz mica schist 20% Pyrite 15% Brecciated and siliceous quartz stockwork with country rock fragments. @41.72-43.11 Brecciated and highly silicified quartz mica schist almost totally silica replaced. Obvious increase in massive to cm scale pyrite and arsenopyrite with minor banded sphalerite. 60% Country rock (brecciated & silicified) 10% Pyrite as blebs and massive bands 6% Arsenopyrite as bands and stringers (mm to cm scale) 3% Sphalerite as small bands @ 78° to C.A. 1% Galena 20% Quartz stockwork to quartz breccia with interstical aspy and py. Footwall contact is sharp @ 85° to C.A.											
43.11	44.08	Brecciated Argillaceous Quartz Mica Schist Typical country rock with high degree of brecciation and silicification. Stringers and disseminated pyrite and possible (?) aspy up to 1% Fe stain noticeable along weathered fractures.		*	6851	43.11	44.08	0.97	0.007	0.37	0.89	0.08	0.18
44.08	50.15	Intermediate Feldspar Porphyry Dyke			6852	44.08	45.34	1.26	2	1.9	2150	710	870
		Light grey green, slightly chloritized, otherwise fresh looking dyke rock similar to unit at 4.26-6.92. Highly fractured near upper contact and is commonly iron stained along fracture surfaces.			6853	45.34	46.08	0.74	3	1.3	98	64	705
		- No obvious traces of sulphide. - Upper contact clear but irregular (40° to C.A.) Lower contact very irregular.		*	Assay Value				oz/t	oz/t	%	%	%

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PROPERTY TEEPEE HOLE No TP-89-3 PAGE 5

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ppb Au	ppm Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
50.15	50.60	Brecciated Quartz Mica Schist Highly contorted unit between two dykes. Minor iron stain with no quartz stockwork.											
50.60	53.60	Rhyolite Dyke Creamy whitish brown to grey green in colour and varies from banded rhyolite to a coarse aplite towards the bottom. The unit is highly fractured and iron stained along fractures. No visible sulphide. Upper and lower contacts are unknown.											
53.60	57.33	Intermediate Feldspar Porphyry Dyke Similar to 4.26-6.92 and 44.08 to 50.15. Fresh looking with small biotite and hornblende phenocrysts. No visible sulphide seen.											
57.33	59.10	Graphitic Quartz Mica Schist Brecciated unit similar to previous quartz mica schist units. Has several vuggy quartz veins with rust, one being 15 cm long with pyrite. Minor quartz stockwork in brecciated area with pyrite. - Pyrite as disseminations and stringers throughout.											
59.10	59.50	Rhyotitic Dyke Similar to 50.60-53.60											
59.50	77.05	Graphitic Quartz Mica Schist Shows signs of slumping in parts. Typical unit to previous includes pyrite in veinlets and minor disseminations. Some			6860	61.60	62.60	1.0	4	1.3	21	27	290
					6861	62.60	63.60	1.0	5	2.8	27	80	147
					6870	64.70	65.70	1.0	5	0.7	1900	9	143

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-3 PAGE 6

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ppb Au	ppm Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		vuggy quartz veining is also present with pyrite			6862	67.71	68.67	0.96	2	2.2	21	36	75
					6863	68.67	69.70	0.13	4	7.0	87	455	21500
		- @ 65' minor arsenopyrite and pyrite occur in vein form and also as disseminations, occurring over approximately 1 meter.			6864	69.70	70.75	1.05	1	1.1	21	210	810
					6865	79.66	80.74	1.08	2	0.6	49	10	225
					6866	80.74	81.74	1.00	4	0.7	18	30	24
		- @ 69.3 a massive 1.5 cm thick sphalerite vein cuts C.A. @ 28°.			6871	72.00	73.00	1.00	980	13.9	1375	365	67
					6867	87.51	88.50	0.99	1	0.7	53	9	112
		- small vein includes minor chalcopyrite.			6868	88.50	89.50	1.00	2	0.6	56	5	135
		- 72.6 a small quartz vein with a 1 cm vein of py and aspy											
77.05	77.25	Intermediate Feldspar Porphyry Dyke			6869	111.10	112.10	1.00	4	0.4	12	6	73
		Similar to previous porphyry dykes. Contacts are at 70° to C.A.											
77.25	78.50	Quartz Mica Schist											
		Similar to earlier sections of the same rock.											
78.50	79.70	Intermediate Feldspar Porphyry Dyke											
		Similar to previous units. Hanging wall @ 90° to C.A. Footwall at 50° to C.A.											
79.7	112.10	Graphitic Quartz Mica Schist											
		Typical unit but slightly rusty where in or near contact with porphyry.											
		- @ 87.90 to 90,00 highly limonitic.											
		- @ 89.70 fault gouge.											
		- @ 94.30 Small zone of brecciation with minor pyrite.											
		- @ 108.00 and 109,70 minor brecciation.											
	112.10	E.O.H.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE	GRID COORDINATE	STARTED August 27, 1989	
HOLE No. TP-89-4	2+27E	FINISHED August 29, 1989	
BEARING 060	ELEVATION 1755 m	LENGTH 123.47M	
DIP COLLAR -65°	SECTION 3+62S	LOGGED BY Jim Cuttle	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
30M	-64°				
76M	-64°				
121M	-58°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppb)
0.00	5.48	Overburden and Casing.											
5.48	7.96	Intermediate Feldspar Porphyry Spotted grey green to dark grey plagioclase porphyritic dyke. No visible weathering or alteration except minor fracturing towards top of unit. Zone has small fresh (mm scale) biotite xtals towards the bottom of the dyke associated with small chloritized hornblende laths. - No visible sulphide. - Lower contact at 30° to C.A., highly irregular. - Weakly magnetic with fine magnetite.											
7.96	19.40	Slump folded Argillaceous Quartz Mica Schist Typical banded and slump folded argillaceous unit with varying amounts of small, barren stringers like cross cutting quartz veins. - Minor py in stringer form @ 19.05-19.40 with obvious brecciation.			6872	7.96	8.96	1.00	2	0.8	45	8	71
					6873	8.96	10.12	1.16	5	0.4	31	9	137
					6874	15.10	16.10	1.00	2	0.5	30	6	54
					6875	16.10	17.40	1.30	6	0.7	51	5	235

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PROPERTY ....TEEPEE..... HOLE No TP-89-4..... PAGE 2.....

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn) ppm)
		- Graphite is localized along foliation planes in minor concentrations.											
19.40	20.55	Rhyolite Dyke Creamy greenish white felsic dyke, fine grained, almost aplitic in texture. Towards lower contact unit is highly iron stained with rusty fractured contact. -Minor pyrite along fractured surfaces. -Upper and lower contacts not recognized.											
20.55	41.10	Argillaceous Quartz Mica Schist			6876	20.55	22.15	1.60	2	0.9	41	28	81
		Similar to previous unit @ 7.95-19.40 but not as highly slump folded. Foliation is more consistent @ 60° to C.A.			6877	22.15	23.40	1.25	1	0.5	34	9	32
					6878	38.40	39.40	1.00	1	0.4	111	10	105
		-21.30-23.25 Unit is brecciated from overlying dyke and includes open cavity quartz healed fractures with minor disseminated pyrite.			6879	39.40	40.23	0.83	3	0.8	8	6	67
		-Unit is otherwise typical country rock with minor graphite along foliated faces.		*	6880	40.23	41.10	0.87	0.001	0.06	0.01	0.01	0.08
				*									
40.10	44.26	Crine Vein #1 (Recovery 91%)		*	6881	41.10	42.52	1.42	0.132	2.98	1.60	1.03	1.60
		The vein is more brecciated compared to TP-89-3 with much less massive sulphide zones. There are prominent areas of pyrite and arsenopyrite, although the vein is much more fractured up, and both hanging wall and footwall are not easily recognized. The general mineral assemblage remains similar to the previous intersection and varies from a brecciated arsenopyrite and pyrite rich hanging wall with minor sphalerite, through to a highly brecciated, silicified and pyritized zone of country rock, to the footwall of similar bands of arsenopyrite and		*	6882	42.52	43.38	0.86	0.006	1.45	0.52	0.11	0.19
				*	6883	43.38	44.26	0.88	0.006	0.25	0.27	0.02	0.30
				*	6884	44.26	45.19	0.93	0.001	0.11	0.03	0.01	0.09
				*	Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-4 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		blebs of pyrite. Brecciation is much more intense. Vein is as follows:											
		@41.10-41.31 Hanging wall of massive arsenopyrite and lesser pyrite within a quartz gangue. Hanging wall at 82° to C.A.											
		70% fine arsenopyrite 15% blebs of pyrite 15% Quartz and country rock											
		@41.31-42.14 Highy brecciated country rock, moderately replaced by silica with small (cm scale) minor zones of sphalerite, galena and disseminated chalcopyrite. Disseminated pyrite occurs along fractures and in brecciated fragments. Sp, gal, cp occur at 41.70.											
		60% Brecciated country rock 20% Silica flooding 15% Pyrite 5% Sphalerite, galena, chalcopyrite											
		@42.14-42.29 Total silica replacement to form vein of massive and disseminated arsenopyrite, pyrite and traces of chalcopyrite.											
		45% Arsenopyrite, massive and disseminated 20% Pyrite as large blebs 35% Quartz gangue and silicification.											
		@ 42.29-44.26 Highly brecciated and sulphidized vein zone with a majority of small massive fracture fills of pyrite and lesser arsenopyrite.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-4 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	ASSAYS As (ppm)	ASSAYS Pb (ppm)	ASSAYS Zn (ppm)
		Zone is particularly brecciated from 43.05-43.59 with a pitted texture of weathered sulphide. 65% silicified and brecciated country rock. 30% Pyrite 5% Arsenopyrite Footwall contact is fractured and not clean.											
44.26	45.19	Phyllitic Quartz Mica Schist Similar to 20.55-41.10 with minor brecciation and fracture filling of pyrite up to 0.5%. Minor cross cutting quartz veins (mm scale) with disseminated pyrite. Zone is relatively fresh and unaltered to be in contact with footwall.											
45.19	51.82	Intermediate Feldspar Porphyry Dyke Unit is highly variable in texture and composition. It is typically a grey-green to grey white colour and varies from almost being rhyolitic to coarse granodioritic in composition. It is consistently feldspar porphyritic and generally fresh looking with intervals of large biotite and hornblende growths. -Upper 2 meters from 45.19-47.00 shows a high degree of fracturing and clay alteration of feldspars with iron stain. Minor cm scale zones of silica replacement 45.80, 46.11 and 47.20 which have large blebs of pyrite and wall rock alteration -Upper contact @ 78° to C.A. and sharp but not exact. -Unit is moderately magnetic.			6885	45.19	47.20	2.01	45	3.3	101	355	1530

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-4 PAGE 5

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
51.82	52.59	Phyllitic Quartz Mica Schist Similar to 44.26-45.19, highly banded with zones of intense slumping. Unit is fractured but does not contain obvious sulphide or quartz stockwork.											
52.59	56.38	Banded Fine to Coarse Rhyolite Dyke Typical whitish brown to ligh grey, felsic dyke varying from a fine banded rhyolitic texture to coarser aplitic Fine disseminated py as traces particularily in the more banded rhyolitic uppper section. -Upper contact @ 45° to C.A. and highly irregular -Lower contact not obvious and highly fractured.											
56.38	60.17	Intermediate Feldspar Porphyry Dyke Similar to 45.19-51.82 with mm scale biotite crystals. Relatively fresh and unaltered and highly magnetic with fine disseminated magnetite. -Upper contact with rhyolite unknown -Lower contact @ 65° to C.A.											
60.17	81.14	Banded Phyllitic Quartz Biotite Schist Typical unit, greyish white schist quartz banded with local zones of high sericite content particularily at 74.10 @ 63.09-64.85 and 70.82-72.90 zones are pitted with with weathered sulphide or carbonate. It occurs with minor bands of pyrite within the schist and in the quartz.			6886	60.17	61.17	1.00	8	0.9	27	23	137
					6887	61.17	62.17	1.00	57	1.4	38	29	78
					6888	62.27	63.27	1.10	103	1.8	104	36	118
					6889	63.27	64.27	1.00	60	1.0	1950	18	86
					6890	70.39	71.30	0.91	1	0.8	42	8	147
					6891	77.72	78.72	1.00	2	0.7	11	3	51

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PROPERTY TEEPEE HOLE No TP-89-4 PAGE 6

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm
81.14	82.73	Intermediate Feldspar Porphyry Dyke Typical greyish green dyke, fresh looking with large feldspar (plagioclase) crystals more obvious towards the upper and lower sections of the unit. -Unit is moderately magnetic -Upper contact is fractued and not obvious, lower contact @ 60° to C.A.											
82.73	123.47	Banded Phyllitic Quartz Mica Schist			6892	93.45	94.45	1.00	3	0.7	28	4	290
		Similar to all previous units at 51.82-52.59 and 60.12-81.14. Unit includes small zones of local graphite concentration			6893	94.45	95.45	1.00	1	0.5	63	3	630
					6894	95.45	96.28	0.83	5	0.4	23	31	156
		-Pyrite is minor and occurs as small lenses along foliation. -Sericite has a pervasive nature thoughout compared to other higher sections of similar rock. -Minor quartz boudins exist but they are generally small and limit in width (10-30 cm).			6895	122.44	123.44	1.00	2	1.1	11	32	87
	123.47	E.O.H.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE	GRID COORDINATE	STARTED August 31, 1989	
HOLE No. TP-89-5	2+17E	FINISHED September 1, 1989	
BEARING 060	ELEVATION 1755m	LENGTH 96.03m	
DIP COLLAR -44°	SECTION 4+80S	LOGGED BY Jim Cuttle	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
46 m	-40°				
96 m	-37°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	As (ppm)	Pb (ppm)	Zn (ppm
0.00	7.00	Overburden and Casing											
7.00	18.48	Fine to coarse banded Phyllitic Quartz Mica Schist Typical unit, banded dark grey to whitish section with varying amounts of dirty argillaceous bands. Slump folding is particularily evident from 13.40 through 16.30 with minor graphitic zones localized along foliation planes with slick 'n' sides. Very minor barren quartz boudins associated close to the top section of slumping. -Minor small lenses of py as foliation stringers and disseminations. -Lower contact @ 75° to C.A.			6901	17.40	18.40	1.00	2	0.6	32	14	83
18.48	20.97	Intermediate Feldspar Porphyry Dark greyish green, cm scale (1-2 cm) plagioclase porphyritic with small chloritized biotite and hornblende.. -No visible sulphide											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-5 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As(ppm)	Pb(ppm)	Zn(p
		-Upper contact at 75° to C.A. Lower at 68° to C.A. - Strongly magnetic											
20.97	25.72	Banded Argillaceous Quartz Mica Schist Similar unit to 7.00-18.48 with noticeably less slumping features. Increase in stringer type pyrite along foliation with traces of pyrrhotite. @ 23.95 large blebs of pyrite with no other associated sulphide,			6902	23.50	24.50	1.00	39	0.7	50	25	124
25.72	25.93	Andesitic - Dacitic Dyke Fine grained to aphanitic dark greyish green dyke with small mm scale quartz eyes. Possible differentiated version of rhyolitic dykes. -No Visible sulphide in unit. -Upper contact a 60° to C.A.											
25.93	27.93	Argillaceous Quartz Mica Schist Similar unit to previous 7.00-18.48 and 20.96-25.72 with more obvious brecciation and graphitic content. Brecciation is caused by nearby dyke activity.											
27.93	31.21	Feldspar rich Rhyolite Dyke Beige to creamy white unit, at times banded, aphanitic to aplitic in texture with manganese stain near fractured surfaces. At certain intervals the unit grades into a fine feldspar porphyritic phase of the rhyolite resembling the common occurring feldspar porphyry dykes. -No obvious sulphide -Upper contact @ 83° to C.A. and clean.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-5 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		-Lower contact @ 74° to C.A.											
31.21	38.41	Brecciated Argillaceous Quartz Mica Schist			6903	31.30	32.30	1.00	55	5.1	650	730	950
		Typical unit as before except increase in quartz content and large scale brecciation.			6904	35.60	36.60	1.00	77	3.7	950	300	780
		-Sulphide is prevalent as large stringers and blebs noticeable near the lower contact.			6905	36.60	37.60	1.00	102	9.5	875	370	1230
				*	6906	37.60	38.45	0.85	0.002	0.29	0.08	0.02	0.19
38.41	38.45	Altered Dacitic Dyke											
		Creamy white to greyish cream, aphanitic dyke found along hanging wall of vein. Almost resembles clay altered zone, and may be a fine aplite dyke?											
38.45	39.26	Crine Vein #1 (Hanging wall ore)		*	6907	38.45	39.26	0.81	0.161	43.46	4.69	1.90	0.62
		Quartz arsenopyrite rich vein with both massive and		*	6908	39.26	40.26	1.00	0.001	0.30	0.04	0.01	0.08
		disseminated forms of fine to medium coarse arsenopyrite with		*	6909	40.26	41.26	1.00	0.011	0.55	0.31	0.18	0.83
		pyrite, galena, sphalerite and traces of chalcopyrite.		*	6910	41.26	42.26	1.00	0.011	1.35	0.33	0.19	1.09
		Massive silica replacement is obvious, intermixed with the		*	6911	42.26	43.26	1.00	0.004	0.17	0.27	0.03	0.31
		sulphide and country rock fragments.		*	6912	43.26	44.26	1.00	0.006	0.20	0.20	0.10	0.43
		65% arsenopyrite - massive and blebs 20% quartz gaugue and brecciated country rock 10% pyrite as blebs 5% sphalerite and galena		*	6913	44.26	45.26	1.00	0.007	0.23	0.21	0.09	0.17
				*	6914	45.26	46.26	1.00	0.003	0.11	0.07	0.01	0.02
		Contact of the vein is sharp @ 85° to C.A. Lower contact @77° to C.A.		*	6915	46.26	47.26	1.00	0.003	0.12	0.05	0.01	0.02
				*	Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-5 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
39.26	48.46	Mineralized and Brecciated Argillaceous Quartz Mica Schist Typical unit as before except the section is highly fracture healed, brecciated and mineralized with pyrite, sphalerite, galena and minor arsenopyrite. @39.26-40.80 Fracture healed schist with pyrite stringers and lenses with local zone of sphalerite and minor disseminated galena. @40.80-48.46 Less mineralized argillaceous quartz mica schist with local zones of sericite enrichment. Zones of brecciation with open cavity quartz healing, and includes disseminated py, gal, and sp, at 41.90 and 42.16 particularily. 48.36-48.46 Lenses of arsenopyrite with pyrite in brecciated zone.		*	6916	47.26	48.46	1.20	0.015	0.31	0.31	0.09	0.04
48.46	49.20	Andesitic/Dacitic Dyke Similar in nature to 25.72-25.93 and possibly 38.41-38.45 Very fine grained, greyish green with small quartz and feldspar eyes. Unit is soft and has sharp contacts but irregular at 45° to C.A.			6917	48.46	49.20	0.74	16	2.0	100	112	700
49.20	50.35	Crine Vein #1 (Footwall ore) Similar vein to 38.45-39.26 highly fractured and mineralized with very fine arseonpyrite as bands and blebs. Brecciation and silicification is obvious near the top of the vein.		*	6818	49.20	50.35	1.15	0.035	0.48	0.77	0.09	0.12
				*	Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY ..TEEPEE..... HOLE No ...TP-89-5..... PAGE 5.....

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		50% Brecciated and silicified country rock. 10% Quartz boudins and veins. 30% Arsenopyrite - massive lenses. 5% Pyrite as stringers and bands. 5% Gangue. Upper and lower contacts highly fractured and not recognizable.											
50.35	55.14	Intermediate Feldspar Porphyry Typical coarse grained unit with minor feldspar alteration to clay. Otherwise a fresh looking unit. No visible sulphide especially near the upper contact. Upper and lower contact not recognizable.			6919	50.35	51.35	1.00	1	2.1	82	245	885
55.14	55.60	Brecciated Quartz Mica Schist Highly brecciated unit with fragments of feldspar porphyry dyke and dark grey schist. No visible sulphide in unit.			6920	54.40	55.40	1.00	2	1.1	68	32	450
55.60	57.00	Banded Rhyolitic to Aplitic Dyke Creamy whitish grey colour with prominent banding at 75° to C.A. The unit shows it has chilled the lower unit margin and suggests a younger age than the feldspar porphyry dyke. Minor iron stains along fracture but no visible sulphide. Lower contact at 75° to C.A., upper is not recognized.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-5 PAGE 6

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
57.00	59.88	Intermediate Feldspar Porphyry Dyke Similar unit as before with a slight darker colour. Lower contact is very irregular but approximately 80° to C.A. (?).											
					6921	61.70	62.90	1.20	51	4.3	101	425	305
59.88	96.03	Banded Argillaceous Quartz Mica Schist			6922	95.00	69.00	1.00	3	1.0	15	8	82
		Typical unit as before with increase in quartz layers towards bottom of hole. Upper portion is more argillaceous and in part slump folded. Sulphide shows up as minor py stringers.											
	96.03	E.O.H.											

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PROPERTY TEEPEE	GRID COORDINATE	STARTED September 1, 1989	
HOLE No. TP-89-6	2+17E	FINISHED September 2, 1989	
BEARING 060	ELEVATION 1755 m	LENGTH 85.60 m	
DIP COLLAR -65°	SECTION 4+80S	LOGGED BY J. Cuttle/S. Cormier	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
Collar	-65°				
46.00	-61°				
84.00	-60°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
0	6.4	Overburden											
6.4	21.45	Argillaceous Quartz Mica Schist											
		Starts out as a banded phyllitic quartz mica schist, but quickly turns to argillaceous quartz mica schist. Small quartz lenses run perpendicular to foliation. Pyrite is present as fracture fills, along foliation planes and also disseminated in the more siliceous zones.			6923	10.60	11.60	1.00	1	1.0	27	7	67
		Foliation is at 60° to C.A.											
		Slumping is also common; with the porportion of quartz increasing in these areas. Disseminated pyrite is also present in the slumped zones.			6924	13.70	14.70	1.00	4	1.3	20	13	123
		Some bands of phyllitic schist are present in the unit as well. Unit becomes more siliceous as it gets closer to contact with feldspar porphyry. Disseminated pyrite is also increasing Irregular quartz vein with sphalerite galena and minor arsenopyrite.			6925	20.45	21.45	1.00	1	2.6	78	305	1670
		Contact with porphyry = 60° to C.A.											

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PROPERTY TEEPEE HOLE No TP-89-6 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As(ppm	Pb(ppm	Zn(pp
21.45	23.40	Intermediate Feldspar Porphyry Dark greyish green, cm scale (1 cm) plagioclase, porphyry, with biotite and hornblende also present. No visible sulphides. Lower contact is broken, approximately 80° to C.A. Magnetic.											
23.40	23.50	Brecciated Graphitic Schist Has disseminated pyrite. Lower contact - 80° to C.A.											
23.50	26.00	Rhyolite Dyke Greenish to creamy white, some banding; aplitic in texture; manganese staining along fractures. Small dark green spots as chlorite (?). Very minor disseminated pyrite. Lower contact = 60° to C.A.											
26.00	26.10	Small irregular piece of brecciated schist with minor disseminated pyrite.											
26.10	27.60	Andesite-Quartz-Feldspar Porphyry Greenish-grey, fairly soft with aphanitic texture; some minor disseminated pyrite. Contact broken and irregular. 30° to 40° to C.A.			6926 6927	27.60 31.65	28.60 32.65	1.00 1.00	155 5	4.1 1.5	1825 26	645 16	1970 72
27.60	40.20	Argillaceous Quartz Mica Schist Brecciated in spots, slumped also; with pyrite disseminated throughout.											

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PROPERTY ..... TEEPEE ..... HOLE No ... TP-89-6 ..... PAGE 3 .....

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		Sphalerite vein (1 cm) with pyrite, arsenopyrite and minor galena near upper contact with dyke. Brecciation and slumping increase with depth, as does quartz content and pyrite.			6928	32.65	33.60	0.95	1	1.7	48	45	74
					6929	36.20	37.20	1.00	29	2.9	83	285	485
		As we get closer to the Crine #1 contact, pyrite content increase, as well as the appearance of arsenopyrite and sphalerite and galena in minor amounts.			6930	37.20	38.20	1.00	54	2.8	86	450	775
				*	6931	38.20	39.20	1.00	0.007	0.30	0.06	0.09	0.30
				*	6932	39.20	40.20	1.00	0.049	4.40	0.60	0.18	0.78
		Unit becomes very graphitic and highly brecciated and mineralized.											
40.20	48.00	Crine Vein #1		*	6933	40.20	41.20	1.00	0.222	8.31	2.06	1.52	0.54
				*	6934	41.20	42.20	1.00	0.062	2.80	0.83	0.60	0.42
		Quartz-arsenopyrite rich zone which also has galena, sphalerite and abundant pyrite. Near top of zone (hanging wall unit highly fractured, brecciated and recemented.		*	6935	42.20	43.30	1.10	0.071	0.76	1.37	0.10	0.01
				*	6936	43.30	44.20	0.90	0.042	2.83	0.50	0.59	0.68
		Hanging Wall		*	6937	44.20	45.20	1.00	0.053	3.56	0.75	1.76	0.50
				*	6938	45.20	46.20	1.00	0.064	2.03	0.71	0.64	0.21
		Is silicified and recemented with sulphides mixed throughout.		*	6939	46.20	47.20	1.00	0.030	0.60	0.48	0.04	0.13
				*	6940	47.20	48.00	0.80	0.098	0.38	1.10	0.08	0.07
		@ 40.2m to 41.2m 10% Arsenopyrite, massive, disseminated and veined 5% Pyrite 1% Sphalerite 1% Galena 80% Quartz and gangue											
		In between hanging wall and footwall is regular schist with veinlets and disseminated pyrite, aspy, minor sphalerite galena. Schist is slumped and brecciated in part silicified.											
				*	Assay Values				oz/t	oz/t	%	%	%
		Footwall											
		Is at 47.0m to 48.0m with similar silicification to the hanging wall, with brecciation.											

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PROPERTY TEEPEE HOLE No TP-89-6 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		15% Pyrite is massive and in veins and blebs. 5% Aspy veins and disseminated. 1% Sphalerite 1% Galena 78% Gangue Lower contact 80° to C.A.											
48.00	62.55	Andesite Dyke Has minor disseminated pyrite; also some zones with feldspar porphyry. At 50.9m 5 cm of fine grained ligh green dyke. Also at 51.7m is a 15 cm section of this dyke. Between 55.8 m and 56.7 m is same type of rock, but has been altered a bit by iron water perculating through. A couple of short sections are a bit finer grained. Lower contact is 45°.											
62.55	64.20	Feldspar Porphyry Same as 21.45 to 23.4m. Lower contact 70° to C.A.											
64.20	64.85	Phyllitic Quartz Mica Schist Has pyrite disseminated. Irregular foliation. Lower contact 75° to C.A.											
64.85	65.90	Feldspar Porphyry Dyke Same as rock described under the same name earlier in the hole.											

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PROPERTY TEEPEE HOLE No TP-89-6 PAGE 5

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
65.90	80.30	Phyllitic Quartz Mica Schist Well foliated schist, has some minor slumping. Some graphite along foliation planes, also some minor pyrite disseminations in veinlet form. Unit becomes a bit more siliceous and quartz veins more numerous near lower contact. Contact is 40° to C.A.											
80.30	80.85	Feldspar porphyry, Dacite Light green, aphanitic, with feldspar prophyry.											
80.85	83.40	Phyllitic Quartz Mica Schist Same as above; Lower contact 10° to C.A.											
83.40	83.93	Andesite Dyke Has tiny feldspar porphyry and disseminated pyrite.											
83.95	85.60	Phyllitic, Quartz, Mica Schist Same as above; some quartz veins and boudins; minor slick 'n' sides near the bottom of the hole.											
	85.60	E.O.H.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE	GRID COORDINATE 2+17E	STARTED September 3, 1989	
HOLE No. TP-89-7		FINISHED September 4, 1989	
BEARING 060	ELEVATION 1755m	LENGTH 118.90 m	
DIP COLLAR -90	SECTION 4+80S	LOGGED BY Jim Cuttle	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE
0.00	4.57	Overburden and Casing		
4.57	25.76	Argillaceous Quartz Mica Schist Dark greyish black quartz banded schistose unit with localized slump features associated with graphitic zones. Graphite is minor and along foliation planes. - minor pyrite as stringers throughout. - @ 16.95-17.21 quartz boudin or sweat with fragements of chloritized country rock.		
25.76	27.66	Intermediate Feldspar Porphyry Dyke Fresh looking plagioclase porphyry dyke with phenocrysts up to 1 cm diameter. Dark greenish grey and only very local hornblende alteration to chlorite and epidote. -unit has high angle fractures with minor associated iron stain. -Upper contact at 50° to C.A., lower at 52° to C.A.		

SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	As (ppm)	Pb (ppm)	Zn (ppm)
6941	23.76	24.76	1.00	1	3.2	300	25	161
6942	24.76	25.76	1.00	2	3.0	90	14	87

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PROPERTY TEEPEE HOLE No TP-89-7 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm	Zn (pp
27.66	31.03	Brecciated Argillaceous Quartz Mica Schist			6943	28.96	29.96	1.00	10	4.2	98	250	368
		Similar to 4.57-25.76 with obvious increase of brecciation. Minor pyrite as stringers and blebs with traces of sphalerite at 27.72.			6944	29.96	31.03	1.07	5	2.5	100	27	108
		Graphite is locally very high near the lower contact of the unit.											
31.03	34.87	Banded Rhyolitic Dyke											
		Creamy white to yellow white in colour with obvious flow banding and local spotty texture from feldspar growth. Unit is relatively fresh and at times becomes aplitic looking.											
		No visible sulphide, only minor iron stain along fractured surfaces.											
34.87	54.05	Brecciated Argillaceous Quartz Mica Schist			6945	34.87	35.87	1.00	6	3.6	85	29	54
		Similar to 27.66-31.03 with graphite locally very high along foliation planes. In places stockwork quartz veining has developed with no intermixed sulphide.			6946	35.87	36.87	1.00	3	3.8	83	48	58
		@ 39.15-39.25 and 41.90-42.08 cm scale quartz boudins.			6947	52.85	54.10	1.25	28	4.4	550	395	955
54.05	60.93	Mineralized Argillaceous Quartz Mica Schist			6948	54.10	55.10	1.00	510	6.3	103	740	332
		Typical highly brecciated graphitic rich banded quartz mica schist, mineralized with fracture filled and cross cutting quartz veins filled with arsenopyrite, pyrite, with minor sphalerite and galena. Mineralized vein ore from 30° to 50° to C.A., with associated increase in sericite content.			6949	55.10	56.10	1.00	42	4.4	1400	210	545
					6950	56.10	57.10	1.00	329	4.0	2000	400	1900
				*	6951	57.10	58.10	1.00	0.008	0.52	0.23	0.14	0.22
				*	6952	58.10	59.10	1.00	0.011	3.23	0.11	0.27	0.30
				*	Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-7 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		54.05-59.30 includes zone with sulphide veinlets (aspy, py, sp, gal). Remainder of unit includes only pyrite as stringers and blebs.		*	6953	59.10	60.10	1.00	0.005	0.72	0.05	0.18	0.28
				*	6954	60.10	60.93	0.83	0.005	0.29	0.30	0.04	0.10
60.93	64.09	Andesitic Dyke		*	6955	60.93	64.09	3.16	0.001	0.07	0.06	0.01	0.06
		Grey green, fine to medium grained at times spotted with fine (1 mm) plagioclase crystals. The unit is rather non descript except for small fracture filled quartz carbonate veins.											
		Upper contact not possible to see.											
64.09	67.07	Crine #1 Vein		*	6956	64.09	65.09	1.00	0.293	4.17	5.52	0.38	0.23
		Mineralization includes a complete section of brecciated and silicifed quartz mica schist with a high percentage of sulphide accumulation, silicification and quartz stockwork. The vein grades into mineralized and brecciated andesitic dyke similar to 60.93-64.09.		*	6957	65.09	66.09	1.00	0.090	0.64	3.31	0.28	1.42
				*	6958	66.09	67.07	0.98	0.769	1.83	24.80	0.53	1.43
		64.09-65.09 vein in quartz mica schist.											
		35% Arsenopyrite 35% Pyrite 25% Quartz gangue and country rock. 5% Galena, sphalerite and traces of chalcopyrite.		*	Assay Values				oz/t	oz/t	%	%	%
		65.09-67.07 Altered grey-green andesitic dyke, highly fractured and brecciated and healed with arsenopyrite, pyrite and minor galena and sphalerite. Becomes more massive in sulphide content within a brecciated zone from 66.32-67.07											

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PROPERTY TEEPEE HOLE No TP-89-7 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
		30% Arsenopyrite - in massive and stringer form 25% Pyrite - massive and blebs. 40% Altered andesitic dyke. 5% Galena and sphalerite. Lower contact of footwall is sharp and 48° to C.A.											
67.07	72.56	Fresh Andesitic Dyke Grey, fine to medium grained andesite with mm scale plagioclase crystals, similar to 60.93-64.09 and is very possibly unaltered equivalent to that found with the Crine vein horizon.			6959	67.07	68.07	1.00	19	3.6	17000	71	164
72.56	76.18	Intermediate Feldspar Porphyry Typical feldspar spotted, dark grey unit with a fresh unaltered appearance. A compact unit with minor fracturing and little healing. @ 73.20 a small mm scale band of pyrite at 50° to C.A. Unit is highly magnetic											
76.18	77.18	Graphitic to Argillaceous Quartz Mica Schist Similar to previous quartz mica schist units but not as highly brecciated or slump folded. No visible sulphide except traces of stringer pyrite.											

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PROPERTY TEEPEE HOLE No TP-89-7 PAGE 5

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
77.18	80.46	Banded Rhyolite Dyke Creamy whitish brown with minor and local spotty textures where it becomes more aplitic. Manganese stain is found as small dendritic growths along unhealed fractures.											
80.46	87.28	Intermediate Feldspar Porphyry Similar to previous sections at 72.56-76.18 but more fractured. Pervasive feldspar alteration to clay is seen along lower contact.											
87.28	99.40	Argillaceous Quartz Mica Schist Highly banded and broken unit with obvious increase in slump folding and quartz content. Graphite content is locally very high especially from 88.50-90.60.			6960	87.28	88.28	1.00	783	4.7	2373	810	183
					6961	88.28	89.28	1.00	7	3.8	52	26	69
		87.50-87.95 has banded and fracture filled pyrite up to a massive nature (5cm veins) with associated disseminated blebs of arsenopyrite. Minor associated carbonate that is weathered brown and spotty in texture											
99.40	118.26	Andesitic Dyke Typical greyish black medium grained dyke with small plagioclase (mm scale) crystal growths in a rather fresh looking matrix. No visible sulphide. On surface this intersection corresponds to a northeast trending southeast dipping andesitic dyke and may well explain why it											

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PROPERTY TEEPEE HOLE No TP-89-7 PAGE 6

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS Au	ASSAYS Ag			
		was not intersected in holes TP-89-5 and TP-89-6.											
118.26	118.90	Biotite Schist Similar to typical schist unit except high biotite component and lesser quartz.											
	118.90	E.O.H.											

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE	GRID COORDINATE	STARTED September 5, 1989	
HOLE No. TP-89-8	2+06E	FINISHED September 6, 1989	
BEARING 060°	ELEVATION 1758 m	LENGTH 93.00 m	
DIP COLLAR -65	SECTION 5+50S	LOGGED BY S. Cormier	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
46	-62°				
93	-61°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	ASSAYS (ppm) As	ASSAYS (ppm) Pb	ASSAYS (ppm) Zn
0	2.45	Overburden and Casing											
2.45	29.30	Argillaceous Quartz Mica Schist Foliation is irregular, with small folds, slumping, minor brecciation etc. Rock is quite quartz rich, with pyrite dissemination along foliation surfaces. Unit becomes increasingly graphitic with depth. Schistosity is about 75° to C.A. Unit is quite quartz rich between 23.7 m to 28.5 m.			6962	16.10	17.60	1.50	1	1.9	57	15	80
					6963	25.20	25.20	1.20	3	3.4	89	17	49
					6964	28.30	29.30	1.00	1	4.5	51	23	109
29.30	31.00	Feldspar Porphyry Typical F.P. with biotite and hornblende; some minor disseminated pyrite. Upper contact = 40° to C.A. Lower contact = irregular.											

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PROPERTY TEEPEE HOLE No TP-89-8 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
31.00	31.40	Brecciated Graphitic Quartz Mica Schist Has disseminated pyrite.											
31.40	33.10	Rhyolite Grey near schist contact, grading to a creamy white, then to grey again near its lower contact. Unit has some disseminated pyrite. Upper Contact = 50° to C.A. Lower Contact = 75° to C.A.											
33.10	46.90	Argillaceous Quartz Mica Schist Foliation is very irregular; minor pyrite dissemination; some minor zones of brecciation and slumping. Unit is quite graphitic. Unit becomes increasingly mineralized with pyrite as it gets closer to Crine #1 zone; also more brecciation and irregular foliation.			6965	34.44	35.44	1.00	1	3.4	28	14	75
					6966	40.90	41.90	1.00	2	3.3	27	15	40
					6967	43.80	44.80	1.00	1	3.2	49	18	31
					6968	44.80	45.80	1.00	21	1.7	65	17	34
				*	6969	45.80	46.90	1.00	0.004	0.16	0.22	0.07	0.10
46.90	47.90	Crine #1 Zone 1 m zone of silicified, brecciated mineralization, with pyrite, arsenopyrite, galena and minor sphalerite. Zone has fragments of felsic dyke, as well as schist fragements, all being recemented with quartz. 58% Gangue 20% Pyrite 18% Arsenopyrite 3% Galena 1% Sphalerite.		*	6970	46.90	47.90	1.00	0.053	35.29	3.40	1.00	0.28
				*	Assay Values				oz/t	oz/t	%	%	%

CYPRUS GOLD (Canada) Ltd.

PROPERTY TEEPEE HOLE No TP-89-8 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm	Zn (ppm)
		Upper contact - 50° to C.A. Lower contact - 70° to C.A.											
47.90	50.40	Felsic Dyke(rhyolitic)											
		Mainly massive, aphanitic, with pyrite veins, minor sphalerite associated with pyrite, arseno is also associated with pyrite veining. Rock is mainly grey to creamy white. 5 cm section of schist at the end of the unit with vein of pyrite, arsenopyrite and sphalerite.		*	6971	47.90	48.90	1.00	0.006	0.53	0.21	0.05	0.08
					6972	48.90	49.90	1.00	236	5.4	8750	450	875
					6973	49.90	50.90	1.00	214	7.8	5200	1540	1820
				*	Assay Values				oz/t	oz/t	%	%	%
		Lower Contact = 70° to C.A.											
50.40	55.30	Feldspar Porphyry											
		Light-grey-green feldspar porphyry with short (5 cm- 10 cm scale) sections of a brownish mineral in porphyritic texture. Also has hornblende in porphyry, but does not have biotite. Numerous pyrite veinlets (.5 cm) with arsenopyrite and minor sphalerite mixed in.			6974	50.90	52.55	1.65	120	5.6	1500	520	1410
		Lower Contact = 80° to C.A.											
55.30	58.15	Felsic Dyke (with brecciation)											
		Creamy white felsic dyke, with a rusty tinge, with rust along the fractures as well. Unit is brecciated in spots with mineralization (pyrite and arseno) in veinlet and disseminated forms. Unit also has a 20 cm section of feldspar porphyry, with disseminated pyrite and arsenopyrite. Also a 2 cm schist lense.			6975	56.40	57.40	1.00	246	5.0	6600	560	1360
					6976	57.40	58.4	1.00	132	4.2	2100	118	655
		Lower Contact = 70° to C.A.											
58.15	61.60	Feldspar Porphyry			6977	60.15	61.15	1.00	378	2.6	17500	1140	395
		Fairly typical of local feldspar porphyry, with biotite and											

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PROPERTY TEEPEE HOLE No TP-89-8 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm	Zn (ppm
		hornblende; this unit is also fractured with rust staining along fractues and rust staining the rock as well. Most of this fracturing is in the last 2 m of the section where there is also abundant pyrite veins with arsenopyrite.											
		Lower contact = irregular											
					6978	61.15	62.30	1.15	132	7.2	2350	245	134
61.60	65.90	Felsic Dyke (rhyolitic)											
		Grey-white; has some pyrite and arseno veining in the first 1 m or so with minor amounts of mineralization spread throughout the unit. Some manganese staining along fractures. Some minor banding is also present in this dyke.											
65.90	67.15	Argillaceous Graphitic Quartz Mica Schist			6979	65.75	66.75	1.00	30	5.2	200	106	147
		Irregular foliation and minor brecciation, with pyrite veins throughout.			6980	66.75	67.75	1.01	57	4.8	150	92	179
67.15	68.00	Intermediate Feldspar Porphyry											
		Dark green, fine grained dyke with feldspar crystals (.5 cm)			6981	67.75	68.75	1.00	11	3.8	78	57	51
68.00	93.00	Argillacious, Quartz, Mica, Schist											
		Mainly irregular schistosity, some minor brecciation, also some disseminated pyrite mainly concentraed at the top of the unit, in vein form. Schistosity becomes more regular, as the unit deepens. 50° to C.A. Some short sections of a more sandy matrix representing a sandstone are also present.			6982	68.75	69.75	1.00	29	2.2	100	115	318
	93.00	E.O.H.											

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PROPERTY	Teepee	GRID COORDINATE		STARTED	September 7, 1989	DIP AND BEARING TEST					
						Meterage	Dip	Bearing	Meterage	Dip	Bearing
HOLE No.	TP-89-9		2+65W	FINISHED	September 8, 1989	45	- 43°				
BEARING	010°	ELEVATION	1676m	LENGTH	99.00 m	99	- 42°				
DIP COLLAR	-45°	SECTION	2+15S	LOGGED BY	Steve Cormier						

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	As (ppm)	Pb (ppm)	Zn (ppm)
0	6,60	Overburden											
6.60	17.80	Argillaceous Quartz Mica Schist											
		Very siliceous schist with some disseminated pyrite, also a small veinlet with pyrite and sphalerite at 10.0m. Foliation is irregular in spots with some brecciation also present in local zones.			6983	9.80	10.80	1.00	21	0.5	21	11	104
					6984	10.80	11.80	1.00	3	0.6	30	21	74
					6985	11.80	12.80	1.00	18	0.5	55	24	73
		Foliation is 60° to C.A.			6986	12.80	14.30	1.50	15	0.7	93	58	110
		Rock is increasing graphitic and less siliceous, with pyrite disseminations increasing.			6994	15.35	16.35	1.00	7	0.8	33	52	71
					6995	14.30	15.35	1.05	5	0.8	41	27	85
17.80	18.50	Aphanitic Andesitic Dyke											
		Fine grained, light green unit with disseminated pyrite, and small (.5cm) hornblende crystals.											

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PROPERTY Teepee HOLE No TP-89-9 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As(ppm	Pb(ppm	Zn(ppm
18.50	99.00	Phyllitic Graphitic Quartz Mica Schist											
		Unit is not quite as siliceous as the top of the hole, schistosity is more irregular with brecciation more common. Quartz is also more abundant, pyrite is disseminated throughout the section.			6987	21.90	22.90	1.00	12	0.6	90	15	84
				*	6988	22.90	23.90	1.00	0.001	0.10	0.07	0.02	0.01
				*	6989	23.90	24.90	1.00	0.001	0.08	0.01	0.04	0.04
				*	6990	24.90	25.90	1.00	0.001	0.06	0.01	0.02	0.01
				*	6998	25.90	26.90	1.00	0.001	0.02	0.02	0.01	0.01
		Faulting is present at 23.00 m with quartz growth, some cross-cutting stockwork and disseminated pyrite as well.			6991	29.40	30.40	1.00	25	1.8	102	500	344
		core is missing over the length of this fault zone. Fault zone is about 2m long with some clay like minerals also present. Small 10 cm andesite dyke at 34.50m.			6992	36.70	37.70	1.00	11	0.9	60	83	328
		Minor sphalerite and galena mineralization at 30.0m.			6993	46.55	47.55	1.00	19	1.0	28	44	103
		Unit seems to alternate between siliceousness and graphitic with depth. Foliation = 50° to C.A.			6996	80.50	81.50	1.00	7	0.6	12	15	193
		Pyrite mineralization appears to drop off around the 50 m mark.			6997	96.00	97.00	1.00	9	0.3	11	14	146
		Minor pyrrhotite around 72.0 m. Some minor secondary quartz stockwork near the bottom of the hole with minor pyrite and pyrrhotite.		*	Assay Values				oz/t	oz/t	%	%	%
	99.00m	E.O.H.											

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PROPERTY TEEPEE	GRID COORDINATE	STARTED September 10, 1989	
HOLE No. TP-89-10	6+00W	FINISHED September 11, 1989	
BEARING 070°	ELEVATION 1615m	LENGTH 102.11 m	
DIP COLLAR -45°	SECTION 2+70S	LOGGED BY Steve Cormier	

DIP AND BEARING TEST

Meterage	Dip	Bearing	Meterage	Dip	Bearing
46m	- 41°				
100m	- 41°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm	PB (ppm)	Zn (ppm
0	2.14	Overburden											
2.14	17.40	Phyllitic Quartz Mica Schist											
		Light grey, very siliceous, has numberous quartz veins, especially between 3.3 m and 6.3 m.			6551	9.00	10.00	1.00	12	0.6	7	14	71
					6552	10.00	11.60	1.60	208	1.2	7500	70	510
		Some disseminated pyrite is present, as well as pyrrhotite and minor chalcopyrite.											
17.40	20.45	Graphitic Quartz Mica Schist		*	6653	17.20	18.20	1.00	0.022	0.18	1.36	0.12	0.50
		This schist is more graphitic, with more pyrite disseminated overall. At the contact with the upper unit is a short (5 cm) section of massive arseno, with galena and pyrite, sphalerite, also present.											
		Foliation = 50° to C.A.											
				*	Assay Values				oz/t	oz/t	%	%	%

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PROPERTY TEPPER HOLE No TP-89-10 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm)	Zn (ppm)
20.45	21.40	Scotia Vein		*	6654	19.40	20.45	1.05	0.002	0.04	0.01	0.01	0.02
		Zone of sulphides in schist; with near massive arseno over 15 cm near the top of the zone, has pyrite, galena and sphalerite disseminated throughout.		*	6655	20.45	21.40	0.95	0.233	0.41	8.70	0.13	0.84
				*	6656	21.40	22.40	1.00	0.005	0.09	0.02	0.03	0.08
		Gangue = 88.5% Arseno = 5% Pyrite = 5% Galena = 0.5% Sphalerite = 1.0%											
21.40	30.20	Graphitic Quartz Mica Schist											
		Same as previous unit. Foliation is very contorted, sometimes running parallel to C.A.			6657	23.30	24.30	1.00	47	2.1	775	147	780
		Some arseno and pyrite veins and disseminated as well found between 25.0 m and 26.0 m; sphalerite is also present.		*	6658	25.07	26.07	1.00	0.029	0.12	1.42	0.04	0.14
		Pyrite is disseminated fairly regularly throughout the unit. There is also some minor phyllitic sections as well.			6659	29.30	30.30	1.00	6	1.0	32	19	69
		Lower Contact = 40° to C.A.											
30.20	41.40	Intermediate Feldspar Porphyry		*	Assay Values				oz/t	oz/t	%	%	%
		Typical F.P. found throughout the property with mica and hornblende also present. Some disseminated pyrite is also present.											
		Lower Contact = 65° to C.A.											
41.40	41.90	Andesite Dyke											
		Dark green, slightly porphyritic.											

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PROPERTY TEEPEE HOLE No TP-89-10 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm	Pb (ppm	Zn (ppm
41.90	42.20	Graphitic Quartz Mica Schist Typical graphitic schist with some pyrite disseminations. Lower contact = 60° to C.A.											
42.20	43.20	Andesitic Dyke Dark green, slightly porphyritic. Lower contact = 50° to C.A.											
43.20	43.90	Graphitic Schist Very broken up, with pyrite disseminated.			6660	53.30	54.30	1.00	38	1.1	8	29	164
43.90	44.85	Andesite Dyke Green, typical andesite dyke; very broken up.											
44.85	83.14	Phyllitic Quartz Mica Schist Typical phyllitic schist, same minor pyrite disseminated, also pyrrhotite. Foliation = 50° to C.A. Regular graphitic zones with pyrrhotite also present. Pyrrhotite is also present in some quartz veins.											
83.14	84.40	Andesite Dyke Dark green andesite dyke; Slightly porphyritic. Upper contact = 90° to C.A. Lower contact = 80° to C.A.											

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PROPERTY TEEPEE HOLE No TP-89-10 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm	Pb (ppm	Zn
84.40	102.11	Phyllitic Quartz Mica Schist Typical phyllitic schist; has some graphitic sections, some minor disseminated pyrite and pyrrhotite. Foliation = 60° to C.A.											
	102.11	E.O.H.											

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			DIP AND BEARING TEST					
PROPERTY TEEPEE	GRID COORDINATE	STARTED September 12, 1989	Meterage	Dip	Bearing	Meterage	Dip	Bearing
HOLE No. TP-89-11	6+30W	FINISHED September 13, 1989	45	-41°				
BEARING 030	ELEVATION 1536m	LENGTH 92.04m	78	-39				
DIP COLLAR -45°	SECTION L-8+60S	LOGGED BY Steve Cormier						

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS Au	ASSAYS Ag
0	3.04	Overburden								
3.04	11.50	Chloritic Talcose Quartz Mica Schist Rock is greenish - grey with abundant quartz. Schistosity is very pronounced in some areas and very subtle in others. Foliation = 55° to C.A. Large quartz vein near the top with pyrite, also some pyrite disseminated through the schist. There is also some graphitic zones present in this unit.								
11.50	12.35	Basic to Intermediate Dyke Dark grey-green, medium to fine grained dyke with disseminated pyrite. Minor feldspar porphyry is also present. Contact is irregular and broken.								
12.35	14.10	Chloritic Talcose Quartz Mica Schist Same rock as in the beginning of the hole.								
14.10	15.00	Basic to Intermediate Dyke Same as previously logged dyke. Lower Contact = 70° to C.A.								

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PROPERTY TEEPEE HOLE No TP-89-11 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm	Pb (ppm	Zn ppm
15.00	21.50	Graphitic Quartz Mica Schist											
		This unit is very graphitic, with regular foliation and some disseminated pyrite and pyrrhotite.			6661	16.76	17.76	1.00	9	0.8	16	24	89
		Foliation = 40° to C.A.											
21.5	44.25	Alternating Graphitic and Chloritic Phyllitic Quartz Mica Schist											
		Unit has alternating 1 m sections of graphitic then chloritic schist. Pyrrhotite and pyrite are present throughout. This alternating feature is present to about 25.5 m, then the chloritic unit dominates. Unit also has a 0.7 m quartz vein with pyrrhotite at 22.0 m. Schistosity becomes less pronounced in the chloritic zone. Colour is less greenish and more grey.			6662	21.86	22.86	1.00	10	0.7	27	11	51
					6663	24.20	25.20	1.00	18	1.0	44	29	106
					6664	38.60	39.60	1.00	650	5.8	1400	2855	450
		More graphitic sections reappear at about 38.0m, alternating with the greyish chloritic rock. Small veins of arsenopyrite with pyrite, galena and sphalerite at about 39.40 m.											
44.25	47.25	Quartz Zone -		*	6665	44.25	45.25	1.00	0.310	0.23	0.01	0.02	0.01
		Brecciated graphitic schist unit with pyrite, pyrrhotite, arsenopyrite, sphalerite and galena present in vein and disseminated forms.		*	6666	45.25	46.25	1.00	0.076	0.35	0.10	0.13	0.07
				*	6667	46.25	47.25	1.00	0.032	0.76	1.97	0.12	0.21
		Upper Contact = 60° to C.A.											
47.25	92.04	Chloritic Phyllitic Quartz Mica Schist											
		Mainly chloritic schist; greenish grey with some bands of graphitic schist mixed in periodically. Has some minor amounts of disseminated pyrite and pyrrhotite.			6668	56.08	57.08	1.00	11	1.3	23	25	158
		Foliation = 60° to C.A.		*	Assay Values				oz/t	oz/t	%	%	%
	92.04	E.O.H.											

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			DIP AND BEARING TEST					
PROPERTY TEEPEE	GRID COORDINATE	STARTED September 12, 1989	Meterage	Dip	Bearing	Meterage	Dip	Bearing
HOLE No. TP-89-12	6+30W	FINISHED September 14, 1989	45.7	-56°				
BEARING 030	ELEVATION 1536 m	LENGTH 111.36 m	108m	-55°				
DIP COLLAR -60°	SECTION L-8+60S	LOGGED BY Steve Cormier						

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	ASSAYS As (ppm)	ASSAYS Pb (ppm)	ASSAYS Zn (ppm)
0	3.05	Overburden											
3.05	8.55	Chloritic Talcose Quartz Mica Schist Very quartz rich, numerous quartz veins, some minor pyrite in veinlet form, as well as minor disseminations. Probably a metamorphosed volcanic tuff.											
8.55	11.10	Andesite Dyke (Int. to Basic) Medium grained, a slightly feldspar porphyritic dyke with minor disseminated pyrite. Contacts are broken.											
11.10	14.32	Brecciated Chloritic Graphitic Schist Minor disseminated pyrite in this unit.			6669	12.40	13.40	1.00	7	1.7	61	32	140
14.32	15.00	Andesite Dyke Same as previously described Andesite dyke. Lower Contact = 65° to C.A.											
15.00	17.53	Chloritic Quartz Mica Schist Greenish grey schist with disseminated pyrrhotite and pyrite.											
17.53	22.50	Graphitic Quartz Mica Schist Typical graphitic schist with abundant disseminated pyrrhotite			6670	17.53	18.53	1.00	2	1.4	12	26	173

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PROPERTY TEEPEE HOLE No TP-12-89 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm	Pb (ppm	Zn (ppm
		pyrite 3%. Unit also has short (20 cm) sections of chloritic schist present. The chlorite sections don't carry as much sulphide. Foliation = 65° to C.A.											
22.50	41.30	Chloritic, Quartz, Mica Schist											
		Typical chloritic schist with minor graphitic sections, numerous quartz boudins are also present. Minor disseminated pyrite and pyrrhotite Some talc is also present through certain sections.			6671	27.54	28.54	1.00	6	1.3	13	16	111
41.30	54.70	Graphitic Quartz, Mica Schist (with Quartz Zone)											
		Typical graphitic schist; although it is a bit more talcose than usual. Has disseminated pyrite as well.		*	6672	42.15	43.15	1.00	0.003	0.029	0.01	0.01	0.02
				*	6673	43.15	44.20	1.05	0.598	0.76	0.11	0.75	0.78
				*	6674	44.20	45.20	1.00	0.003	0.04	0.01	0.02	0.03
		@ 43.70 m sulphide mineralization increase; massive		*	6675	45.20	46.20	1.00	0.018	0.33	1.40	0.04	0.08
		pyrite from 43.65-43.90 with galena, sphalerite and arsenopyrite		*	6676	46.20	47.40	1.20	0.006	0.04	0.01	0.01	0.01
		Also a short section of arsenopyrite disseminated around		*	6677	47.40	48.40	1.00	0.004	0.029	0.01	0.01	0.01
		45.50 m (10 cm). Secondary quartz stockwork is also		*	6678	48.40	49.40	1.00	210	3.9	1550	157	290
		present. The disseminated pyrite and pyrrhotite also		*	6679	49.40	50.6	1.20	2100	3.1	625	253	610
		carries minor sphalerite, galena and chalcopyrite.			6680	51.90	52.90	1.00	362	8.1	2300	305	770
		Very little brecciation in the early part of this zone, but increases. Minor pyrite and sphalerite mineralization occurs											
		up to the end of the unit.		*	Assay Values				oz/t	oz/t	%	%	%
54.70	60.40	Chloritic Quartz Mica Schist											
		Grey-green with minor disseminated pyrite and pyrrhotite; minor graphitic sections are also present. Quite a bit of quartz is also present, with minor pyrrhotite and pyrite mineralization with associated chalcopyrite.											

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PROPERTY TEEPEE HOLE No TP 12-89 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS Ad (ppm)	Pb (ppm)	Zn (ppm)
60.40	68.48	Graphitic Quartz. Mica Schist											
		Dark, black graphitic schist with pyrrhotite, pyrite and minor chalcopyrite dissemination throughout.			6881	63.00	64.00	1.00	2	1.4	22	21	139
		@ 61.6 is a 13 cm aphanitic, grey dyke with quartz eyes. Almost porphyritic.			6882	64.82	65.82	1.00	13	1.3	11	21	115
		Contacts at 50° to C.A.											
68.48	111.36	Chloritic Quartz Mica Schist											
		Grey-green, quite silcieous with minor disseminated pyrite and pyrrhotite. Large quartz vein (1 m) from 86.1 to 87.1.			6883	101.25	102.25	1.00	22	1.1	10	24	170
	111.36	E.O.H.											

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PROPERTY	GRID COORDINATE	STARTED	DIP AND BEARING TEST					
			Meterage	Dip	Bearing	Meterage	Dip	Bearing
TEEPEE		September 16, 1989						
HOLE No. TP 89-13	1+50E	FINISHED September 18, 1989						
BEARING 060	ELEVATION 1763m	LENGTH 132.28m	60.9	-68°				
DIP COLLAR -70°	SECTION 4+87S	LOGGED BY Steve Cormier	123.3	-68°				

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS (ppb) Au	ASSAYS (ppm) Ag	ASSAYS As (ppm)	ASSAYS Pb (ppm)	ASSAYS Zn (ppm)
0	3.50	Overburden											
3.50	6.80	Feldspar Porphyry Typical F.P. with hornblende and mica.											
6.80	15.00	Graphitic Quartz Mica Schist Irregular foliation, also has disseminated pyrite as well as blebs. Quite a bit of quartz is also present.			6684	14.00	15.0	1.00	1	1.2	66	30	107
15.00	17.30	Andesite Dyke Slightly porphyritic, with feldspar and minor disseminated pyrite.											
17.30	18.00	Graphitic Quartz Mica Schist Has minor pyrite disseminated. Lower contact = 60°.											
18.00	20.25	Siliceous Andesite Dyke Grey brown, fairly hard, with fine grained texture; has disseminated pyrite. Also has porphyritic feldspar. A couple of shore bands (15 cm) of schist are also present in this section.											

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PROPERTY TEEPEE HOLE No TP-89-13 PAGE 2

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm	Zn (ppm
20.25	23.35	Graphitic Quartz Mica Schist											
		Typical graphitic schist with disseminated pyrite. Foliation is irregular. Lower contact is also irregular.			6685	22.35	23.35	1.00	3	1.6	50	109	232
23.35	25.60	Feldspar Porphyry											
		Zoned a bit with short sections of slightly finer grained rock; composition is the same throughout.											
25.60	85.40	Argillaceous Graphitic Quartz, Mica Schist											
		Unit has disseminated pyrite; not nearly as much quartz as the graphitic units. At 32.40 to 32.70 is a fine grained, dark grey, intermediate dyke.											
		At 40.3 is a 55 cm quartz vein with blebs of pyrite. Also a small (10 m) basic dyke at the end of the quartz vein.			6686	40.15	41.15	1.00	2	1.1	79	49	125
		Foliation 60° to C.A.			6687	74.87	75.87	1.00	1	1.1	36	15	115
		Some very graphitic section deep in the unit. Pyrite is disseminated throughout the section.											
85.40	87.00	Feldspar Porphyry											
		Very typical, with mica and hornblende.											
87.00	87.15	Graphitic Quartz Mica Schist											
		Same as above.											
87.15	87.60	Felsic Dyke											
		Light grey-green; very hard.											

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PROPERTY TEEPEE HOLE No TP-89-13 PAGE 3

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	(ppb) Au	(ppm) Ag	ASSAYS As (ppm)	Pb (ppm	Zn (ppm
87.60	91.00	Graphitic Quartz Mica Schist			6688	88.00	89.00	1.00	1	1.0	11	14	74
		Typical schist with disseminated pyrite.											
91.00	93.05	Felsic Dyke (Rhyolite)											
		Green-grey; some banding; very hard with manganese also present along fractures.											
93.05	107.40	Graphitic Quartz Mica Schist											
		Foliation is very irregular; pyrite is disseminated throughout.			6689	99.89	100.89	1.00	2	0.7	30	23	46
107.40	108.30	Silicified Felsic Dyke (with quartz stockwork)											
		Brecciated; not mineralized, very competent and hard. Light green in colour, with quartz veining.											
		Upper Contact = 50° to C.A.											
108.30	110.10	Basic to Intermeidate Feldspar Porphyry											
		Light green porphyry, not too hard; crystals are square and angular, and just a slightly darker colour green											
110.10	119.80	Graphitic Quartz Mica Schist (with Crine Vein Zone)											
		Foliation = 60° to C.A.		*	6690	113.00	114.00	1.00	0.001	0.11	0.02	0.01	0.01
				*	6691	114.00	115.15	1.15	0.001	0.06	0.01	0.01	0.01
				*	6692	115.15	116.20	1.05	0.001	0.13	0.14	0.13	0.22
				*	6693	116.20	117.35	1.15	0.015	0.31	1.20	0.25	0.31
				*	6694	117.35	118.30	0.95	0.013	0.24	0.86	0.39	0.37
				*	6695	118.30	119.30	1.00	0.001	0.05	0.05	0.02	0.01
				*	6696	119.30	120.30	1.00	0.001	0.01	0.03	0.01	0.01
				*	6697	120.71	121.71	1.00	0.010	0.27	0.40	0.19	0.59
				*	Assay				oz/t	oz/t	%	%	%
		Unit is very well mineralized with pyrite; some short veins of arseno with sphalerite are also present, also minor galena is present. Unit is brecciated in spots; also has some quartz veins and associated pyrite, arsenopyrite and sphalerite											
		@ 116.00 to 118.00 disseminated vein mineralization corresponding to Crine Vein.											

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PROPERTY TEEPEE HOLE No TP-89-13 PAGE 4

METERAGE From	METERAGE To	DESCRIPTION	% MINERALIZ.	% CORE	SAMPLE No.	METERAGE From	METERAGE To	METERAGE Length	ASSAYS Au	ASSAYS Ag			
119.80	129.54	Feldspar Porphyry Typical F.P. with some fracture fill arsenopyrite, pyrite with sphalerite and galena at 121.3 m. Last 30 cm is quite siliceous. Contact is almost parallel to C.A. (10°).											
129.54	132.28	Graphitic Quartz Mica Schist Typical graphitic schist with some disseminated pyrite. Foliation = 60° to C.A.											
	132.28	E.O.H.											

APPENDIX 6

LEGEND

STATUS

- Producer
- Past Producer
- Developed Prospect
- Prospect
- Showing

INDEX

Y U	K	O N
114P		104N
USA	USA	104K

MINFILE NUMBER	NAME	COMMODITY(S)
104M 001	GRIDIRON	Ag,Au,Pb,Sb,Zn
002	SILVER QUEEN	Ag,Cu
003	BEN CREEK	Ag,Au,Pb,Zn,Sb
004	TUTSHI LAKE	Pb,Zn
005	LAKEFRONT	Sb,Pb
006	SPOKANE	Au,Ag,Zn,Cu,Pb
007	LAWSAN	Au,Ag,Pb,Cu
008	RUPERT	Au,Ag,Pb,Zn,Cu
009	WHITE MOOSE-NORTH	Cu,Pb,Zn,Ag,Au
010	WHITE MOOSE-SOUTH	Ag,Pb,Cu,Au
011	BEN-MY-CHREE	Ag,Au,Cu,Pb,Zn
012	WHITE MOOSE-SHAFT	Au,Ag,Pb,Cu
013	HAPPY SULLIVAN	Au,Ag
014	ENGINEER	Au,Ag,Sb,Te
015	KIRKLAND	Au,Ag
016	GLEANER	Au,Ag,Te
017	ANYOX-RODEO (L.4657,4670)	Cu,Ni
018	EDGAR LAKE	Cu
019	NELSON LAKE	Ag,Pb,Au
020	COPPER ISLAND	Cu
021	CALLAGHAN	Au,Ag
022	LAVERDIERE	Cu,Ag,Au,Mo,Wo,Co,Fe,Ma
023	GRAHAM CREEK	Au
024	RED RUPERT	Au,Ag
025	SWEEPSTAKE	Au
026	BROWNIE (L.4652-3)	Ag,Zn,Pb,Cu
027	GREAT NORTHERN	Ag,Au,Cu,Pb,Zn
028	BALD PEAK	Au,Ag,Sb,As
029	MOLLY	Mo,Cu,Sb,Pb
030	MUSSEN	Cu
031	GLACIER	Ag,Pb,Sb,Zn,Cu
032	BENNETT LAKE	Ls
033	TALAHA BAY	Ls
034	PENINSULA MOUNTAIN	Mt
035	BUCHAN CREEK	Au,Ag,Pb,Cu,Zn
036	RUPERT-NORTH	Au,Ag,Pb,Cu,Zn
037	FEE GLACIER	Ag,Cu,Pb
038	SILVER QUEEN-NORTH	Au,Ag,Pb,Cu,Sb,As
039	GAUG 2	Au,Ag,Zn,Cu,Pb
040	GAUG 1	Ag,Cu,Fe
041	BEN-POND	Ag,Pb,Sb,Zn,Au
042	BEN-CAMP	Ag,Au,Pb,Zn
043	BEN-GLACIER	Au,Ag,Co
044	PADDY	Au,Ag,Zn,Cu,Pb
045	BEN-NORTHEAST	Au,Ag
046	BEN-SOUTHEAST	Ag,Pb,Cu,Au
047	BEN-FOUR	Au,Ag
048	TP-MAIN	Au,Ag,Co,Cu,Fe,Ma
049	TP-CAMP	Ma,Fe
050	TP-CENTRAL	Ag,Au,Co,Cu,Ma
051	MOLLY-SOUTH	Mo,Cu,Pb
052	SELLY	Cu,Pb
053	RAD	Mo
054	SILT	Mo
055	PIT CREEK	Mo
056	RIO CREEK	Zn,Pb,Cu,Sn,Fl
057	MOON LAKE	Ag,Zn,Pb,As,Cu,Au
058	MET 6	Ur,Th

Log Cabin
Shelly Lake
Lawson Lake
YOUNG PEAK
TEEPEE PEAK
Teepee (Abandoned)
Willow
10
MT CLIVE
Lowry Lake
Fantail
Kirtland (Abandoned)
HALE MTN
MT LAWSON
BEE PEAK
ENGINEER MTN
WHITE MOOSE MTN
Ben-My-Chree
Falls
7
8
MT SWITZER
Watson
SNOWTOP MTN
BRITISH COLUMBIA
ALASKA
CANNING

MINFILE NUMBER: 104M 006 NATIONAL MINERAL INVENTORY: 104M9 Au1

NAME(S): **SPOKANE**, GOLD CUP, BIRDIE,
LAWSAN, TONYA

STATUS: Prospect
NTS MAP: 104M09W
LATITUDE: 59 02 15
LONGITUDE: 134 27 00
ELEVATION: 1050 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Peter G. Blacksmith's edits, Assessment Report 5910.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6599826
EASTING: 531105

COMMODITIES:	Gold	Silver	Zinc	Copper	Lead
MINERALS					
SIGNIFICANT:	Gold	Galena	Sphalerite	Chalcopyrite	Pyrite
ASSOCIATED:	Quartz				
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein Disseminated
CLASSIFICATION: Hydrothermal Epigenetic
SHAPE: Tabular
MODIFIER: Fractured
DIMENSION: 0920 X 0460 X 0001 Metres STRIKE/DIP: 100 80N TREND/PLUNGE:
COMMENTS: One metre wide vein traced intermittently over 920 metre length and 460 metre vertical distance.

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Hornblende Schist
Quartz Vein
Feldspar Porphyry

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Nisling PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Regional RELATIONSHIP: Pre-mineralization GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: SPOKANE YEAR: 1933

CATEGORY: Best Assay SAMPLE TYPE: Channel

COMMODITY	GRADE	
Silver	6.1700	Grams per tonne
Gold	23.3100	Grams per tonne

COMMENTS: Average of two channel samples over 0.75 metres, incline adit.
REFERENCE: Annual Report 1933, page 79

CAPSULE GEOLOGY

A quartz vein in Paleozoic-Proterozoic Yukon Group hornblende (and(?) chlorite) schist and feldspar porphyry has been traced intermittently over a horizontal length of 920 metres and through a vertical distance of 460 metres. The vein averages 1.1 metres in thickness, striking 100 degrees and dipping 70-85 degress north. Mineralization consists of pyrite, minor chalcopyrite, galena, sphalerite, and native gold. Two channels samples across 0.75 metres in the upper adit, called the Incline adit, averaged 23.31 grams per tonne gold and 6.17 grams per tonne silver. At about 1220 metres elevation, a north-south fault cuts the vein, displacing it 75 metres horizontally.

BIBLIOGRAPHY

EMPR ASS RPT #5910, #10069
EMPR FIELDWORK #1985, p. 137
GSC MEM 37, p. 99
EMPR AR 1921-78; #1933-79; 1934-834
EMPR EXPL 1976-E195; 1981-194
GSC MAP 14-1957; 1418A

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: GSD FIELD CHECK: N

MINFILE NUMBER: 104M 007 NATIONAL MINERAL INVENTORY: 104M9 Au2

NAME(S): LAWSAN, BIGHORN, BIG HORN, LAWSON

STATUS: Showing
NTS MAP: 104M09W
LATITUDE: 59 33 00
LONGITUDE: 134 27 30
ELEVATION: 1036 Metres
LOCATION ACCURACY: Within 500M

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6601214
EASTING: 530623

COMMODITIES:	Gold	Silver	Lead	Copper
MINERALS				
SIGNIFICANT:	Galena	Chalcopyrite	Sphalerite	Gold
ASSOCIATED:	Pyrite			

MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Epigenetic
SHAPE: Irregular

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Quartz Vein
Amphibole Gneiss
Feldspar Porphyritic Dyke
Hornblende Schist

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Regional
RELATIONSHIP: Pre-mineralization
GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: LAWSON,BIGHORN,BIG HORN
YEAR: 1933

CATEGORY: Best Assay
SAMPLE TYPE: Channel

COMMODITY	GRADE	
Silver	13.7100	Grams per tonne
Gold	44.5600	Grams per tonne

COMMENTS: Channel sample composite across various widths of veins at 1.5 metre intervals.
REFERENCE: Minister of Mines Annual Report 1933, page 80

CAPSULE GEOLOGY

The Lawsan (Bighorn) showing is located on the west side of Bighorn Creek just downstream from the junction with Chicken Creek. A hornblende schist of the Paleozoic-Proterozoic Yukon Group is exposed on the upper slopes while feldspar porphyry is exposed, dyke-like, in a narrow band along the lower slopes. A strong shear zone trends in a north-south direction exposing breccias and iron stained rocks. Disseminated pyrite and small amounts of sphalerite, galena, chalcopyrite and some native gold, consistent throughout approximately 15 per cent of quartz vein material, is confined to a narrow fissure zone that cuts at right angles to the enclosing rocks.

A channel sample composite, across 35, 20.3, 22.9 and 35 centimetre vein widths at 1.5 metre intervals, west of the Little tunnel portal has assay values of 44.56 grams per tonne gold and 13.71 grams per tonne silver (Minister of Mines Annual Report 1933, page 80).

BIBLIOGRAPHY

EMPR ABS RPT 5910, #10069
GSC MAP 19-1957; 94A; 218A; 1418A
EMPR AR 1921-77; #1933-79
GSC MEM #37, pp. 96-99

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: SED FIELD CHECK: N

MINFILE NUMBER: 104M 008 NATIONAL MINERAL INVENTORY: 104M8 Aq1

NAME(S): RUPERT

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 28 15
LONGITUDE: 134 18 55
ELEVATION: 1175 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Cairnes (1913): Geological Survey of Canada Map 94A, and Assessment Report 8384; Occurrence I (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6592473
EASTING: 538801

COMMODITIES:	Gold	Silver	Lead	Zinc	Copper
MINERALS					
SIGNIFICANT:	Gold	Galena	Chalcopyrite	Malachite	Pyrite
ASSOCIATED:	Quartz				
ALTERATION:	Limonite	Malachite			
ALTERATION TYPE:	Oxidation				
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Hornblende Gneiss
Pelitic Schist
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Stikinia Yisling PHYSIOGRAPHIC AREA: Teslin Plateau
METAMORPHIC TYPE: Regional RELATIONSHIP: Pre-mineralization GRADE: Amphibolite

RESERVES
ORE ZONE: RUPERT #3 YEAR: 1980

CATEGORY: Best Assay SAMPLE TYPE: Chip

COMMODITY	GRADE	
Silver	237.6000	Grams per tonne
Copper	0.0100	Per cent
Lead	0.2600	Per cent
Zinc	0.3200	Per cent

COMMENTS: Chip sample 0.8 metres wide.
REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

At the Rupert showing mineralized quartz veins occur in Paleozoic-Proterozoic Yukon Group pelitic schists with impure limestone and hornblende gneiss from elevations of 1175 to 1550 metres on the west side of Taku Arm, northeast of White Moose Mountain and below the Fee Glacier. The lowest vein (No. 1) at about 1175 metres elevation outcrops in a gulch, strikes about 100 degrees and is 0.6 to 0.9 metres wide. At about 1265 metres elevation, above No. 1, No. 2 vein is about 1.8 to 2.4 metres wide and strikes 107 degrees, dipping near vertical. At 1286 metres elevation, No. 3 vein is 0.6 to 0.9 metres wide and parallels No. 2. No. 4 vein occurs at 1465 metres elevation, and is 0.1 to 0.3 metres thick. At 1570 metres elevation, No. 5 vein is 1.2 metres wide. Veins 1 to 4 can be traced for several hundred feet with persistent strikes and widths. A

CAPSULE GEOLOGY

number of old blast pits are located in the area of mineralization.

The veins consist of massive white, locally vuggy quartz with massive to disseminated galena, pyrite, and minor chalcopyrite and malachite. Particles of native gold have also been reported, with the best samples believed to be from Vein No. 4. A grab sample from Vein No. 2 assayed 4.11 grams per tonne gold, 53.83 grams per tonne silver, 11.77 per cent lead, 0.60 per cent zinc and 0.01 per cent copper. A 0.8 metre wide chip sample across Vein No. 3 assayed gold trace, 277.6 grams per tonne silver, 0.26 per cent lead, 0.32 per cent zinc and 0.01 per cent copper (Assessment Report 6384).

BIBLIOGRAPHY

GSC MEM #37, pp. 94-96
EMPR AR 1918-33; #1933-81,82
GSC MAP 19-1957; 94A; 1418A
EMPR ASS RPT #6384, #10945

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 009 NATIONAL MINERAL INVENTORY: 104MB Au1

NAME(S): WHITE MOOSE-NORTH

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 29 00
LONGITUDE: 134 17 35
ELEVATION: 0660 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 8384; Occurrence A (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6593878
EASTING: 540045

COMMODITIES:	Copper	Lead	Zinc	Silver	Gold
MINERALS					
SIGNIFICANT:	Chalcopyrite	Bornite	Galena	Tetrahedrite	Pyrite
ASSOCIATED:	Quartz	Calcite			
ALTERATION:	Malachite				
ALTERATION TYPE:	Oxidation				
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal Epigenetic
SHAPE: Tabular

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Amphibole Gneiss
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Stikinia Nisling PHYSIOGRAPHIC AREA: Teslin Plateau
METAMORPHIC TYPE: Regional RELATIONSHIP: Pre-mineralization GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: WHITE MOOSE-NORTH YEAR: 1980

CATEGORY: Best Assay SAMPLE TYPE: Grab

COMMODITY	GRADE	
Silver	0.3400	Grams per tonne
Copper	0.0900	Per cent
Lead	0.1300	Per cent
Zinc	0.0900	Per cent

COMMENTS: Vein 17 centimetres wide with 5 per cent sulphides. Also trace gold reported.
REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

At the White Moose-North showing mineralized quartz veins occur in Paleozoic-Proterozoic Yukon Group amphibolitic gneiss and schist on the west shore of Taku Arm south of Buchan Creek. Veining occurs over a distance of 1500 metres, striking 140 degrees, and dipping 40 to 60 degrees northeast. The veins range from 0.45 to 1.2 metres in width, consisting of massive, white, locally vuggy quartz with chalcopyrite, bornite, argentiferous tetrahedrite, galena, pyrite, and malachite. The northernmost exposure is an old adit on the lakeshore, with blocks of quartz containing up to 8 per cent sulphides in the dump. A mineralized vein up to 12 centimetres in width occurs above the workings. South of the adit a vein 17 centimetres wide with 5 per cent sulphides assayed trace gold, 0.34 grams per tonne

CAPSULE GEOLOGY

silver, 0.13 per cent lead, 0.09 per cent zinc, and 0.09 per cent copper (Assessment Report 8384).

BIBLIOGRAPHY

EMPR ASS RPT #8384
GSC MEM #37, pp. 93,94
EMPR AR 1901-985; 1904-81; 1918-93; #1933-82
GSC MAP #19-1957; #94A; 218A; 1418A

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: GED FIELD CHECK: N

MINFILE NUMBER: **104M 010**

NATIONAL MINERAL INVENTORY:

NAME(S): **WHITE MOOSE-SOUTH**, OCCURRENCE E

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 28 12
LONGITUDE: 134 17 24
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 8384: Occurrence E (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6592395
EASTING: 540234

COMMODITIES: Silver, Lead, Copper, Gold

MINERALS
SIGNIFICANT: Galena, Chalcopyrite, Pyrite
ASSOCIATED: Quartz
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Vein, Disseminated
CLASSIFICATION: Hydrothermal, Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Pelitic Schist
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Teslin Plateau
METAMORPHIC TYPE: Regional
RELATIONSHIP: Pre-mineralization
GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade is transitional greenschist-amphibolite.

RESERVES
ORE ZONE: WHITE MOOSE-SOUTH,OCCURRENCE E
YEAR: 1980

CATEGORY: Best Assay
SAMPLE TYPE: Rock

COMMODITY	GRADE	
Silver	53.1400	Grams per tonne
Copper	0.0100	Per cent
Lead	0.1300	Per cent

COMMENTS: Trace gold was reported with the assay.
REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

At the White Moose-South showing a collapsed adit near the west shore of Taku Arm, about 2.25 kilometres south of the mouth of Buchan Creek is the site of quartz veining in Paleozoic-Proterozoic pelitic schists of the Yukon Group. Foliation in the schist strikes east-southeast and dips moderately south. Quartz vein material from the dump contains disseminated pyrite, and host rock fragments with pyrite blebs up to 6 millimetres across. A sample of the latter assayed trace gold, 53.14 grams per tonne silver, 0.13 per cent lead, and 0.01 per cent copper (Assessment Report 8384).

BIBLIOGRAPHY

EMPR ASS RPT #8384
GSC MAP #19-1957; 1418A

DATE CODED: 850724
CODED BY: GSB
FIELD CHECK: N
DATE REVISED: 881107
REVISED BY: JB
FIELD CHECK: N

MINFILE NUMBER: **104M 011**

NATIONAL MINERAL INVENTORY: 104M8 Ag2

NAME(S): **BEN-MY-CHREE**, BEN M'CHREE, STEEP

STATUS: Past Producer
Underground
MINING DIVISION: Atlin
NTS MAP: 104M08W
UTM ZONE: 08
LATITUDE: 59 25 55
NORTHING: 6588065
LONGITUDE: 134 27 50
EASTING: 530415
ELEVATION: 1829 Metres
LOCATION ACCURACY: Within 500M

COMMODITIES:	Silver	Gold	Copper	Lead	Zinc
MINERALS					
SIGNIFICANT:	Silver	Gold	Galena	Chalcopyrite	
ASSOCIATED:	Quartz				

MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: vein
CLASSIFICATION: Epigenetic
SHAPE: Irregular

HOST ROCK
DOMINANT HOST ROCK: Plutonic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Cretaceous			Coast Plutonic Complex

LITHOLOGY: Diorite

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Plutonic Rocks
PHYSIOGRAPHIC AREA: Boundary Ranges

RESERVES
ORE ZONE: BEN-MY-CHREE
YEAR: 1985

CATEGORY: Best Assay
SAMPLE TYPE: Grab

COMMODITY	GRADE	
Silver	450.0000	Grams per tonne
Gold	11.0000	Grams per tonne
Copper	0.1400	Per cent
Lead	4.2500	Per cent
Zinc	0.0370	Per cent

REFERENCE: Fieldwork 1985, pp. 184,187

CAPSULE GEOLOGY

At Ben-My-Chree, Early Cretaceous Coast Plutonic Complex foliated diorites host quartz and quartz-calcite veins with up to 4 per cent chalcopyrite, galena and pyrite. About 7 tonnes of ore from which 93 grams of gold and 31,103 grams of silver were shipped in 1911. A grab sample taken in 1985 with 4 per cent galena and pyrite ran 11 grams per tonne gold, 450 grams per tonne silver, 0.14 per cent copper, 4.25 per cent lead and 0.037 per cent zinc (Fieldwork 1985, pages 184, 187).

BIBLIOGRAPHY

EMPR ASS RPT #9133
EMPR FIELDWORK #1985, pp. 184,187
EMPR AR 1911-55,60,284; 1912-61; 1913-72; 1915-64
GSC MAP 19-1957; 1418A

DATE CODED: 850724
CODED BY: GSB
FIELD CHECK: N
DATE REVISED: 881107
REVISED BY: TGS
FIELD CHECK: Y

MINFILE NUMBER: 104M 012 NATIONAL MINERAL INVENTORY:

NAME(S): WHITE MOOSE-SHAFT

STATUS: Showing MINING DIVISION: Atlin
NTS MAP: 104M08W UTM ZONE: 08
LATITUDE: 59 28 45 NORTHING: 6593415
LONGITUDE: 134 17 30 EASTING: 540129
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Six hundred metres south of White Moose-North vein adit (Minfile #104M009), 180 metres north of stream. From Assessment Report 8384, Occurrence C (Geology map).

COMMODITIES: Gold Silver Lead Copper

MINERALS
SIGNIFICANT: Galena Chalcopyrite Malachite Pyrite
ASSOCIATED: Quartz
ALTERATION: Malachite
ALTERATION TYPE: Oxidation
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Pelitic Schist
Quartz Vein

HOST ROCK COMMENTS: Cut by rhyolite dyke.

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Nisling PHYSIOGRAPHIC AREA: Yesln Plateau
METAMORPHIC TYPE: Regional RELATIONSHIP: Pre-mineralization GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: WHITE MOOSE-SHAFT YEAR: 1980

CATEGORY: Best Assay SAMPLE TYPE: Chip

COMMODITY	GRADE	
Silver	27.4300	Grams per tonne
Gold	2.0600	Grams per tonne
Copper	0.0100	Per cent
Lead	2.4500	Per cent

REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

At the White Moose-Shaft showing, two shafts 35 metres apart are located 600 metres south of the White Moose-North adit (104M 009). Host rocks are Paleozoic-Proterozoic Yukon Group metapelites which are cut by a northwest trending rhyolitic dyke. A 40 centimetre wide quartz vein on the side of one of the shafts appears to follow the rhyolite-schist contact. A 27 centimetre chip sample across the vein contained 5 to 10 per cent fine-grained galena, 4 per cent pyrite, and minor chalcopyrite and malachite and assayed 2.06 grams per tonne gold, 27.43 grams per tonne silver, 2.45 per cent lead, and 0.01 per cent copper. About 300 metres to the southeast is a 60 metre long trench and collapsed adit. No vein was exposed in outcrop but quartz with minor malachite, pyrite, and

CAPSULE GEOLOGY

galena was observed (Assessment Report 8384).

BIBLIOGRAPHY

EMPR ASS RPT #8384
GSC MAP 19-1957; 1418A
EMPR AR 1933-82

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: SED FIELD CHECK: N

MINFILE NUMBER: 104M 024 NATIONAL MINERAL INVENTORY: 104M9 Au5

NAME(S): RED RUPERT

STATUS: Showing
NTS MAP: 104M09W
LATITUDE: 59 30 40
LONGITUDE: 134 29 00
ELEVATION: 1110 Metres
LOCATION ACCURACY: Within 1 KM
COMMENTS: Location approximity; from description, Annual Report 1933, page 80. Note longitude discrepancy between sheet 104M Skagway and 104M09 Fantail Lake. Attempts to locate in 1988 were unsuccessful.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6596872
EASTING: 529243

COMMODITIES: Gold Silver

MINERALS
SIGNIFICANT: Gold
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Schist
Gneiss
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
METAMORPHIC TYPE: Regional RELATIONSHIP:
PHYSIOGRAPHIC AREA: Boundary Ranges
GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: RED RUPERT YEAR: 1933

CATEGORY: Best Assay SAMPLE TYPE: Channel

COMMODITY	GRADE	
Silver	13.7200	Grams per tonne
Gold	34.3000	Grams per tonne

COMMENTS: The sample represents a composite of two channel samples across a 30 centimetre vein.
REFERENCE: Minister of Mines Annual Report 1933, page 80

CAPSULE GEOLOGY

At the Red Rupert showing a quartz vein about 0.3 to 0.6 metres wide dips 45 degrees south in Paleozoic-Proterozoic Yukon Group metamorphic rocks. Three channel samples across 0.3 to 0.6 metre vein widths assayed 10.3 to 34.3 grams per tonne gold, and 3.4 to 13.7 grams per tonne silver.

BIBLIOGRAPHY

EMPR AR #1933-80
GSC MAP 19-1957; 1418A

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 027 NATIONAL MINERAL INVENTORY: 104M15 Ag1

NAME(S): GREAT NORTHERN, JESSIE, BIG THING, MNS

STATUS: Showing
NTS MAP: 104M15W
LATITUDE: 59 48 24
LONGITUDE: 134 46 28
ELEVATION: 1220 Metres
LOCATION ACCURACY: Within 1 KM
COMMENTS: Fieldwork 1985, Figure 26-1.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6629700
EASTING: 512650

COMMODITIES:	Silver	Gold	Copper	Lead	Zinc
MINERALS					
SIGNIFICANT:	Chalcopyrite	Pyrrhotite	Galena	Sphalerite	
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal
SHAPE: Tabular
MODIFIER: Sheared

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Chlorite Schist
Amphibole Gneiss
Andesite
Vein

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
METAMORPHIC TYPE: Regional
Plutonic Rocks
RELATIONSHIP: Pre-mineralization
PHYSIOGRAPHIC AREA: Boundary Ranges
GRADE: Greenschist

RESERVES
ORE ZONE: GREAT NORTHERN YEAR: 1929

CATEGORY: Best Assay SAMPLE TYPE: Rock

COMMODITY	GRADE	
Silver	909.1400	Grams per tonne
Gold	5.1400	Grams per tonne
Copper	4.9000	Per cent

COMMENTS: Average assay of "ore shoots" in the "zone".
REFERENCE: Minister of Mines Annual Report 1929, page 120

CAPSULE GEOLOGY

A shear zone 1.8 metres in width occurs in andesite within Paleozoic-Proterozoic Yukon Group metamorphic rocks near the eastern edge of post-Early Jurassic Coast Plutonic Complex intrusives. The shear zone strikes northeast and dips 65 degrees north. Mineralization consists of chalcopyrite and pyrrhotite with some galena and minor sphalerite. An average assay for "ore shoots" in the zone is reported to be 5.14 grams per tonne gold, 909.14 grams per tonne silver and 4.9 per cent copper (Minister of Mines Annual Report 1929, page 120).

BIBLIOGRAPHY

EMPR AR #1929-120
EMPR FIELDWORK #1985, pp. 184,188; 1987, pp. 217-231
EMPR OF 1988-3

BIBLIOGRAPHY

GSC MAP 19-1957; 1418A

DATE CODED: 850724
DATE REVISED: 881107

CODED BY: GSB
REVISED BY: MGM

FIELD CHECK: N
FIELD CHECK: N

MINFILE NUMBER: **104M 035** NATIONAL MINERAL INVENTORY:

NAME(S): **BUCHAN CREEK**, OCCURRENCE 6

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 29 45
LONGITUDE: 134 20 10
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 8384, Occurrence "6" (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6595245
EASTING: 537593

COMMODITIES:	Gold	Silver	Lead	Copper	Zinc
MINERALS					
SIGNIFICANT:	Galena	Chalcopyrite	Malachite	Azurite	
ASSOCIATED:	Quartz				
ALTERATION:	Malachite	Azurite			
ALTERATION TYPE:	Oxidation				
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein | Massive | Disseminated
CLASSIFICATION: Hydrothermal | Epigenetic
DIMENSION: 0003 X 0001 X 0000 Metres STRIKE/DIP: 000 TREND/PLUNGE:

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Hornblende Gneiss
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Regional RELATIONSHIP: Pre-mineralization GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade transitional greenschist-amphibolite.

RESERVES
ORE ZONE: BUCHAN CREEK YEAR: 1980

CATEGORY: Best Assay SAMPLE TYPE: Chip

COMMODITY	GRADE	
Silver	244.8000	Grams per tonne
Gold	15.4300	Grams per tonne
Copper	0.2000	Per cent
Lead	9.8500	Per cent
Zinc	0.0500	Per cent

COMMENTS: Average for 2 samples 2 metres apart.
REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

A quartz vein occurs in Paleozoic-Proterozoic Yukon Group hornblende gneiss on a north-facing slope about 1.0 kilometre southeast of Buchan Creek and 2.25 kilometres west of the west shore of Taku Arm. The vein is about 1.1 metres wide and is exposed for 3 metres, and is bounded on both sides by rhyodacitic dykes. A number of workings extend about 50 metres downhill from the outcrop. The vein consists of quartz which is locally vuggy, and contains disseminated and massive galena, chalcopyrite and minor malachite and azurite. Two chip samples across the vein 2 metres apart averaged 15.43 grams per tonne gold, 244.8 grams per tonne silver, 9.85 per cent lead, 0.20 per cent copper and 0.05 per cent zinc (Assessment Report 8384).

GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

BIBLIOGRAPHY

EMPR ASS RPT *8384
GSC MAP 19-1957; 1418A

DATE CODED: 861231 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 036

NATIONAL MINERAL INVENTORY:

NAME(S): RUPERT-NORTH

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 29 05
LONGITUDE: 134 19 00
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 8384, Occurrence "H" (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6594019
EASTING: 538706

COMMODITIES:	Gold	Silver	Lead	Copper	Zinc
MINERALS					
SIGNIFICANT:	Galena	Chalcopyrite	Malachite	Azurite	Pyrite
ASSOCIATED:	Quartz				
ALTERATION:	Malachite	Azurite			
ALTERATION TYPE:	Oxidation				
MINERALIZATION AGE:	Unknown				

DEPOSIT
CHARACTER: Vein
CLASSIFICATION: Hydrothermal Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Hornblende Gneiss
Pelitic Schist
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Regional
RELATIONSHIP: Pre-mineralization
GRADE: Trans Grn Amph
COMMENTS: Metamorphic grade is transitional greenschist-amphibolite.

RESERVES
ORE ZONE: RUPERT-NORTH
YEAR: 1980

CATEGORY: Best Assay
SAMPLE TYPE: Grab

COMMODITY	GRADE	
Silver	20.9100	Grams per tonne
Gold	0.6900	Grams per tonne
Copper	0.4900	Per cent
Lead	4.7100	Per cent
Zinc	0.0700	Per cent

REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

At the Rupert North showing, south of Bucham Creek, two blast pits about 100 metres apart expose small quartz veins in Paleozoic-Proterozoic Yukon Group gneisses and schist which are cut by rhyolitic intrusives. The veins are locally vuggy and contain up to 5 per cent pyrite, galena and chalcopyrite. A grab sample assayed 0.69 grams per tonne gold, 20.91 grams per tonne silver, 4.71 per cent lead, 0.49 per cent copper, and 0.07 per cent zinc. Small veinlets in a 20 centimetre wide zone of aphanitic rhyolite contain less than 1 per cent galena (Assessment Report 8384). The veins may represent the northern extension of part of the Rupert vein system (104M 008).

BIBLIOGRAPHY

EMPR ASS RPT *8384

BIBLIOGRAPHY

GSC MAP 19-1957; 1418A

DATE CODED: 860416 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881107 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 037 NATIONAL MINERAL INVENTORY:

NAME(S): **FEE GLACIER**, OCCURRENCE K

STATUS: Showing
NTS MAP: 104M08W
LATITUDE: 59 28 05
LONGITUDE: 134 21 00
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 8384, Occurrence "K" (Geology map).

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6592144
EASTING: 536836

COMMODITIES: Silver, Copper, Lead

MINERALS
SIGNIFICANT: Chalcopyrite, Galena, Pyrite, Pyrrhotite
ASSOCIATED: Quartz
ALTERATION: Limonite
ALTERATION TYPE: Oxidation
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Vein, Disseminated
CLASSIFICATION: Hydrothermal, Epigenetic
SHAPE: Irregular

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Hornblende Gneiss
Quartz Vein

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Regional
RELATIONSHIP: Pre-mineralization
GRADE: Amphibolite

RESERVES
ORE ZONE: FEE GLACIER
YEAR: 1980

CATEGORY: Best Assay
SAMPLE TYPE: Grab

COMMODITY	GRADE	
Silver	6.8600	Grams per tonne
Copper	0.0200	Per cent

COMMENTS: This is the average of three grab samples.
REFERENCE: Assessment Report 8384

CAPSULE GEOLOGY

A number of irregular quartz veins occur in Paleozoic-Proterozoic Yukon Group hornblende gneiss in an outcrop surrounded by ice near the south edge of Fee Glacier. The veins are up to 25 centimetres wide and contain highly oxidized pyrite, pyrrhotite and minor chalcopyrite and galena. Assays of grab samples from three of the veins averaged 6.86 grams per tonne silver and 0.02 per cent copper (Assessment Report 8384).

BIBLIOGRAPHY

EMPR ASS RPT #8384, 15208
GSC MAP 19-1957; 1418A

DATE CODED: 861231
CODED BY: JB
FIELD CHECK: N
DATE REVISED: 881107
REVISED BY: MM
FIELD CHECK: N

MINFILE NUMBER: 104M 048

NATIONAL MINERAL INVENTORY:

NAME(S): TP-MAIN

STATUS: Prospect
NTS MAP: 104M10E
LATITUDE: 59 41 20
LONGITUDE: 134 40 40
ELEVATION: 1775 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Main showing, Assessment Report 11300, drawing 3102-2.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6616601
EASTING: 518141

COMMODITIES:	Gold	Silver	Cobalt	Copper	Iron
	Magnetite				
MINERALS					
SIGNIFICANT:	Gold	Cobaltite	Erythrite	Arsenopyrite	Magnetite
	Chalcopyrite	Galena	Malachite		
COMMENTS:	Possibly skutterudite.				
ASSOCIATED:	Actinolite	Garnet	Calcite		
ALTERATION:	Actinolite	Garnet	Calcite	Malachite	
ALTERATION TYPE:	Skarn	Oxidation			
MINERALIZATION AGE:	Unknown				
DEPOSIT					
CHARACTER:	Podiform	Massive	Disseminated		
CLASSIFICATION:	Skarn	Replacement	Hydrothermal	Epigenetic	
DIMENSION:	0200 X 0015 X 0000	Metres STRIKE/DIP:	000	TREND/PLUNGE:	

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Gneiss
Schist
Skarn
Marble

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
METAMORPHIC TYPE: Contact Regional
RELATIONSHIP: Pre-mineralization
PHYSIOGRAPHIC AREA: Boundary Ranges
GRADE: Hornfels
Amphibolite

COMMENTS: Both pre- and syn-mineralization.

RESERVES
ORE ZONE: TP-MAIN
YEAR: 1983

CATEGORY: Best Assay
SAMPLE TYPE: Chip

COMMODITY	GRADE	
Gold	22.6600	Grams per tonne
Cobalt	0.1100	Per cent

COMMENTS: The sample width is 4.85 metres.
REFERENCE: Assessment Report 11300

CAPSULE GEOLOGY

At the TP-Main showing, on Teepee Creek, Paleozoic-Proterozoic Yukon Group gneiss, schist, marble and skarn are unconformably overlain by volcanics, that have historically been assigned to the Upper Triassic Stuhini Group. These are cut by a quartz-feldspar porphyry stock and sills of various ages. A skarn zone 200 metres long and about 15 metres wide occurs near the eastern contact of the stock, and is zoned from north to south. The north end comprises magnetite-calcite skarn, which grades into garnet-actinolite(?)-calcite skarn and then into marble. Zones of actinolite(?) skarn occur near

CAPSULE GEOLOGY

fracture zones cutting magnetite skarn, and host erythrite-cobaltite (or skutterudite) and native gold. Locally disseminated arsenopyrite replaces magnetite skarn. One 20 centimetre diameter pod of chalcopyrite, malachite, and galena occurs in calc-silicate-calcite skarn. Gold and cobalt values generally occur together. Weighted average grades for gold range from 4.48 grams per tonne over 3.95 metres to 22.66 grams per tonne over 4.85 metres, and for cobalt range from 0.02 per cent over 3.95 metres to 3.91 per cent over 3.55 metres. Silver is generally less than 10.0 grams per tonne.

BIBLIOGRAPHY

EMPR ASS RPT #11300
EMPR FIELDWORK #1985, p. 187
GSC MAP 19-1957; 1418A

DATE CODED: 860418 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881108 REVISED BY: MGM FIELD CHECK: Y

MINFILE NUMBER: 104M 049 NATIONAL MINERAL INVENTORY:

NAME(S): TP-CAMP

STATUS: Prospect
NTS MAP: 104M10E
LATITUDE: 59 40 55
LONGITUDE: 134 40 35
ELEVATION: 1645 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Camp showing, Assessment Report 11300, drawing 3102-2.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6615828
EASTING: 518223

COMMODITIES: Magnetite Iron

MINERALS
SIGNIFICANT: Magnetite Pyrrhotite
ASSOCIATED: Garnet Epidote Calcite
ALTERATION: Garnet Epidote Calcite
ALTERATION TYPE: Skarn
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Massive Disseminated
CLASSIFICATION: Skarn Replacement Hydrothermal Epigenetic
DIMENSION: 0060 X 0007 X 0000 Metres STRIKE/DIP: 000 TREND/PLUNGE:

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Gneiss
Schist
Skarn

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Contact Regional RELATIONSHIP: Pre-mineralization GRADE: Hornfels
Amphibolite
COMMENTS: Both pre- and syn-mineralization.

CAPSULE GEOLOGY

At the TP-Camp showing, a small lens of skarn occurs in Paleozoic-Proterozoic Yukon Group gneiss and schist about 2.75 kilometres west of Teepee Peak. The northwest trending skarn zone is exposed discontinuously for 60 metres and varies in width from 1 to 7 metres. A quartz-feldspar porphyry body of unknown size is in contact with the skarn at its north end. The skarn consists of two types: garnet-epidote-calcite, and massive magnetite. Disseminated pyrrhotite locally constitutes up to 40 per cent of the skarn.

BIBLIOGRAPHY

EMPR ASS RPT #11300
EMPR FIELDWORK #1985, p. 187
GSC MAP 19-1957; 1418A

DATE CODED: 860418 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881108 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 050 NATIONAL MINERAL INVENTORY:

NAME(S): TP-CENTRAL

STATUS: Showing
NTS MAP: 104M10E
LATITUDE: 59 41 05
LONGITUDE: 134 40 37
ELEVATION: Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Sample location 3PL0026, Assessment Report 11300, drawing 3102-2.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6616137
EASTING: 518191

COMMODITIES:	Silver	Gold	Cobalt	Copper	Magnetite
MINERALS					
SIGNIFICANT:	Chalcopyrite	Arsenopyrite	Pyrrhotite	Magnetite	
ASSOCIATED:	Garnet	Epidote	Calcite		
ALTERATION:	Garnet	Epidote	Calcite		
ALTERATION TYPE:	Skarn				
MINERALIZATION AGE:	Unknown				
DEPOSIT					
CHARACTER:	Massive	Disseminated			
CLASSIFICATION:	Skarn	Replacement	Hydrothermal	Epigenetic	
DIMENSION:	0015 X 0005 X 0000	Metres	STRIKE/DIP: 000	TREND/PLUNGE:	

HOST ROCK
DOMINANT HOST ROCK: Metasedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Gneiss
Schist
Skarn
Marble

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Nisling
PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Contact Regional RELATIONSHIP: Pre-mineralization GRADE: Hornfels Amphibolite

COMMENTS: Both pre- and syn-mineralization.

RESERVES
ORE ZONE: TP-CENTRAL YEAR: 1983

CATEGORY: Best Assay SAMPLE TYPE: Grab

COMMODITY	GRADE	
Silver	147.4000	Grams per tonne
Gold	10.8300	Grams per tonne
Cobalt	0.0200	Per cent

REFERENCE: Assessment Report 11300

CAPSULE GEOLOGY

At the TP-Central showing, on Teepee Peak, Paleozoic-Proterozoic Yukon Group gneiss, schist, marble and skarn are conformably overlain by volcanics, historically included in the Upper Triassic Stuhini Group. These are cut by a quartz-feldspar porphyry stock and sills of various ages. About 350 metres south of the main "TP" showing a magnetite and calc-silicate-calcite skarn body 5 metres by 15 metres in extent, hosted by marble, locally contains pyrrhotite, chalcopyrite, and arsenopyrite. A chip sample across the sulphide-bearing zone contained 12.3 grams per tonne silver, 0.09 grams per tonne gold, and less than 0.01 per cent cobalt, while a grab sample ran 147.4 grams per tonne silver, 10.83 grams per tonne gold, and 0.02 per cent cobalt (Assessment Report 11300).

BIBLIOGRAPHY

EMPR ASS RPT #11300
EMPR FIELDWORK #1985, p. 187
GSC MAP 19-1957; 1418A

DATE CODED: 860418 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881108 REVISED BY: JB FIELD CHECK: N

MINFILE NUMBER: 104M 052

NATIONAL MINERAL INVENTORY:

NAME(S): SELLY

STATUS: Showing
NTS MAP: 104M15E
LATITUDE: 59 45 50
LONGITUDE: 134 42 20
ELEVATION: 1050 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: From Assessment Report 10428, drawing 81-158, skarn zone.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6624946
EASTING: 516540

COMMODITIES: Copper Lead

MINERALS
SIGNIFICANT: Chalcopyrite Galena Pyrite Pyrrhotite
ALTERATION TYPE: Skarn
MINERALIZATION AGE: Unknown

DEPOSIT
CHARACTER: Disseminated
CLASSIFICATION: Skarn Replacement Hydrothermal Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Metamorphic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Paleoz-Proterozoic	Yukon	Undefined Formation	

LITHOLOGY: Limestone
Quartzite
Skarn
Granodiorite

GEOLOGICAL SETTING
TECTONIC BELT: Coast Crystalline
TERRANE: Plutonic Rocks Nisling PHYSIOGRAPHIC AREA: Boundary Ranges
METAMORPHIC TYPE: Contact RELATIONSHIP: Pre-mineralization GRADE: Greenschist

CAPSULE GEOLOGY

Small skarn zones are developed in Paleozoic-Proterozoic Yukon Group metamorphic rocks adjacent to a north trending intrusive contact with post-Early Jurassic Coast Plutonic Complex granodiorite. Minor pyrite, pyrrhotite, chalcopyrite and galena are disseminated in these zones at the Selly showing, on Selly Lake.

BIBLIOGRAPHY

EMPR ASS RPT #10428
EMPR FIELDWORK #1985, p. 188; 1987, pp. 217-231
EMPR OF 1988-5
GSC MAP 19-1957; 1418A
EMPR PF (Mihalynuk, M.G., et al (1988): A Closer Look at the Llewellyn Fault-Tectonic Implications and Economic Mineral Potential; In Abstracts: Smithers Exploration Group Workshop, October 1988)

DATE CODED: 860423 CODED BY: JB FIELD CHECK: N
DATE REVISED: 881108 REVISED BY: MGM FIELD CHECK: Y

MINFILE NUMBER: **104M 057**

NATIONAL MINERAL INVENTORY:

NAME(S): **MOON LAKE**

STATUS: Showing
NTS MAP: 104M15E
LATITUDE: 59 48 30
LONGITUDE: 134 42 31
ELEVATION: 1645 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Fieldwork 1985, Fig. 184-1.

MINING DIVISION: Atlin
UTM ZONE: 08
NORTHING: 6629900
EASTING: 516500

COMMODITIES:	Silver Gold	Zinc	Lead	Arsenic	Copper
MINERALS					
SIGNIFICANT:	Tetrahedrite	Galena	Sphalerite	Arsenopyrite	Pyrite
ASSOCIATED:	Quartz				
ALTERATION:	Quartz	Carbonate			
ALTERATION TYPE:	Silicific'n	Carbonate			
MINERALIZATION AGE:	Unknown				
DEPOSIT					
CHARACTER:	Vein	Disseminated			
CLASSIFICATION:	Hydrothermal				

HOST ROCK
DOMINANT HOST ROCK: Volcanic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Upper Triassic	Stuhini	Undefined Formation	

LITHOLOGY: Tuff
Breccia

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
TERRANE: Stikinia
PHYSIOGRAPHIC AREA: Boundary Ranges

RESERVES
ORE ZONE: MOON LAKE
YEAR: 1985

CATEGORY: Best Assay
SAMPLE TYPE: Rock

COMMODITY	GRADE	
Silver	490.0000	Grams per tonne
Arsenic	1.3700	Per cent
Gold	0.3000	Grams per tonne
Copper	0.0960	Per cent
Lead	1.3900	Per cent
Zinc	0.2600	Per cent

REFERENCE: Fieldwork 1985, pages 184,189

CAPSULE GEOLOGY

At the Moon Lake showing, disseminated arsenopyrite, pyrite, galena and sphalerite occur in quartz carbonate altered Upper Triassic Stuhini volcanics. A grab sample of quartz vein material with tetrahedrite assayed 490 grams per tonne silver, 1.39 per cent lead, 0.26 per cent zinc, 0.096 per cent copper, 1.37 per cent arsenic and 0.3 grams per tonne gold (Fieldwork 1985, pp. 184,188).

BIBLIOGRAPHY

EMPR FIELDWORK 1985, pp. 184,189; 1987, pp. 217-231
EMPR ASS RPT #15500
EMPR OF 1988-5
GSC MAP 19-1957; 1418A
EMPR BF (Mihalynuk, M.G., et al (1988): A Closer Look at the Llewellyn Fault-Tectonic Implications and Economic Mineral Potential; In

BIBLIOGRAPHY

Abstracts: Geology exploration group workshop, October 1990

DATE CODED: 861231
DATE REVISED: 881103

CODED BY: JB
REVISED BY: MBM

FIELD CHECK: N
FIELD CHECK: Y

APPENDIX 7

PERSONNEL

		Field time
Jim Cuttle # 82 1036 Premier St., N.Vancouver, B.C. V7J-2H2	Project Geologist $ 250.00/day	Jun 27 - Sept 27/89
Adrian Smallwood 220 Carisbrooke N.Vancouver, B.C.	Project Manager $ 165.00/day	July 1 - Sept 16/89
Steve Cormier 2775 Spruce St., Apt # 302, Vancouver, B.C.	Geologist $ 140.00/day	July 3 - Sept 21/89
Matthew Cormier 2775 Spruce St., Apt # 302 Vancouver, B.C.	Technician $ 120.00/day	July 3 - Sept 21/89
Jack Hemelspeck Box # 2 Smithers, B.C. V0J-2N0	Prospector $ 150.00/day	Aug 7 - Sept 21/89
Marie Ann Nelson Grande Prairie Alberta	Cook $ 140.00/day	Aug 11 - Sept 21/89

APPENDIX 8

STATEMENT OF QUALIFICATIONS

I, JIM F. CUTTLE, of the Municipality of North Vancouver, in the Province of British Columbia, certify as follows regarding the work performed on the TEEPEE MOUNTAIN Project on behalf of Cyprus Gold (Canada)Ltd.

That I am a geologist having practiced my profession in Canada and Norway for the past 9 years.

That I am a graduate of the University of New Brunswick with a B.Sc in Geology.

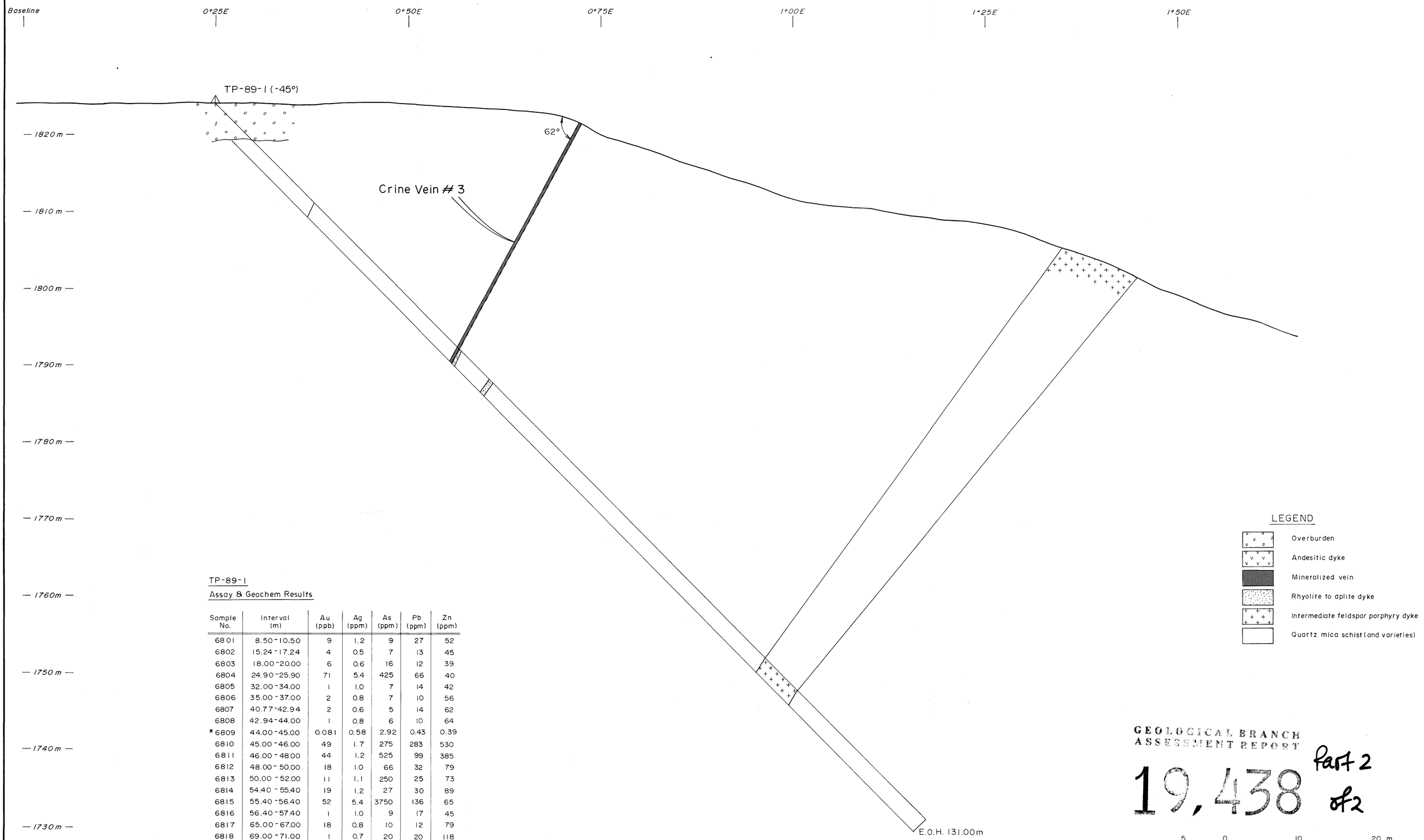
That I am presently working as a private consultant at the home address of #82 1036 Premier St., North Vancouver, B.C.

That I am a Fellow of the Geological Association of Canada.

Signed: _____

Jim F.Cuttle,B.Sc., F.G.A.C.

November 10, 1989



TP-89-1

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6801	8.50-10.50	9	1.2	9	27	52
6802	15.24-17.24	4	0.5	7	13	45
6803	18.00-20.00	6	0.6	16	12	39
6804	24.90-25.90	71	5.4	425	66	40
6805	32.00-34.00	1	1.0	7	14	42
6806	35.00-37.00	2	0.8	7	10	56
6807	40.77-42.94	2	0.6	5	14	62
6808	42.94-44.00	1	0.8	6	10	64
*6809	44.00-45.00	0.081	0.58	2.92	0.43	0.39
6810	45.00-46.00	49	1.7	275	283	530
6811	46.00-48.00	44	1.2	525	99	385
6812	48.00-50.00	18	1.0	66	32	79
6813	50.00-52.00	11	1.1	250	25	73
6814	54.40-55.40	19	1.2	27	30	89
6815	55.40-56.40	52	5.4	3750	136	65
6816	56.40-57.40	1	1.0	9	17	45
6817	65.00-67.00	18	0.8	10	12	79
6818	69.00-71.00	1	0.7	20	20	118
6819	72.75-74.75	25	2.8	67	54	115
6820	80.50-82.50	5	0.9	18	13	100
6825	82.80-84.80	15	1.0	58	15	97
6821	90.00-92.00	1	0.8	15	10	63
6822	95.00-96.00	2	0.6	29	10	68
6826	107.30-109.30	4	1.3	92	27	89
6827	110.70-112.70	6	0.9	65	15	90
6823	118.60-119.60	1	0.6	12	12	98
6824	127.75-128.75	2	0.8	21	13	89
*Assay		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

5 0 10 20 m

SCALE 1:250

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —

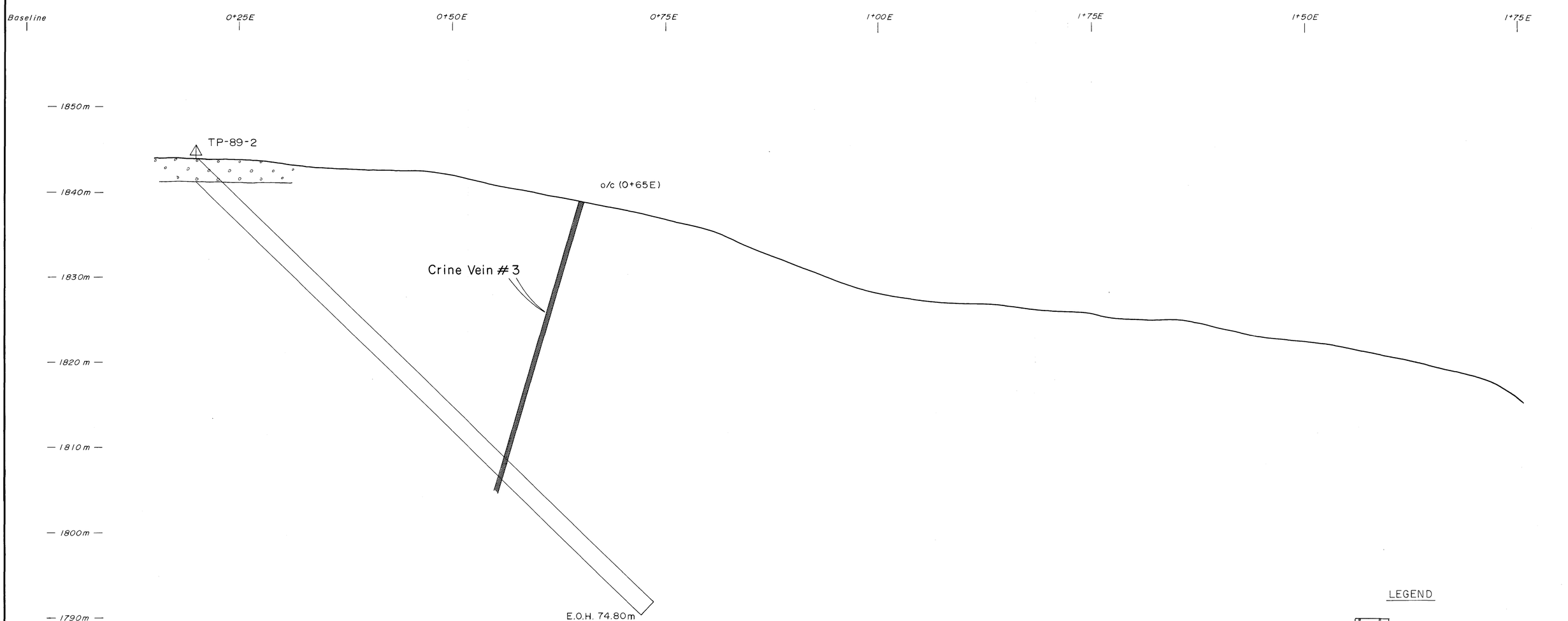
ATLIN M.D., B.C.

DRILL CROSS SECTION

TP-89-1

L4+00S, 0+25E

DRAWN BY	J.C.	SCALE	1:250
DATE	Sept/89	MAP No.	9



TP-89-2

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6828	6.10- 8.10	1	0.4	24	17	83
6829	10.40-12.40	3	0.9	45	15	58
6830	17.50-19.50	3	0.7	24	13	58
6831	20.60-22.60	4	0.8	275	14	64
*6832	26.60-27.60	0.001	0.05	0.01	0.02	0.08
6833	27.60-29.60	2	0.8	16	19	93
6834	31.00-33.20	4	0.7	23	16	61
6835	37.00-39.00	3	1.0	16	15	99
6836	45.70-47.00	3	1.0	26	16	117
6837	47.00-48.20	7	0.9	36	17	275
*6838	48.20-50.00	0.001	0.04	0.05	0.01	0.09
*6839	50.00-51.00	0.023	0.59	0.92	0.78	1.46
*6840	51.00-52.90	0.004	0.06	0.04	0.04	0.18
6841	54.20-57.40	9	1.0	35	21	151
6842	59.90-61.90	26	0.9	10	11	138
6843	65.70-67.70	5	0.8	15	14	48
6844	72.80-74.80	1	0.8	26	14	89
*Assays		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

5 0 10 20 m

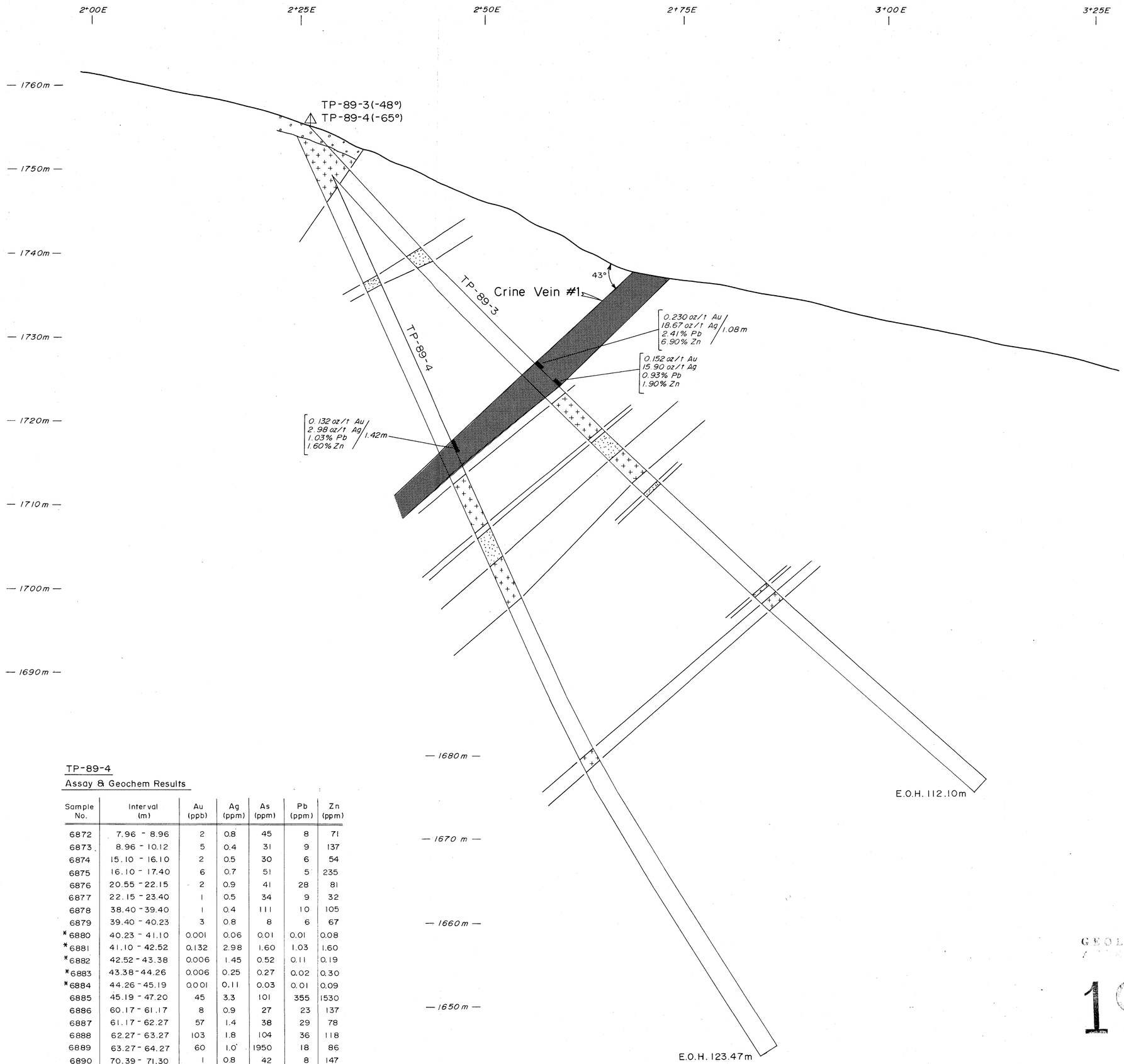
SCALE 1:250

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

DRILL CROSS SECTION
TP-89-2
LI+80S, 2+00E

DRAWN BY	J.C.	SCALE	1:250
DATE	Sept/89	MAP No	10



TP-89-3

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6854	6.92 - 9.50	1	1.3	25	9	49
6855	12.91 - 14.91	2	1.4	12	6	88
6856	18.20 - 19.40	3	0.9	25	8	45
6857	33.30 - 34.20	1	0.8	11	5	49
6858	34.20 - 35.45	1	0.9	13	6	92
6859	35.45 - 36.40	2	1.0	12	7	81
*6845	36.40 - 37.40	0.001	0.01	0.01	0.01	0.01
*6846	37.40 - 39.00	0.018	1.30	0.48	0.16	0.14
*6847	39.00 - 40.08	0.230	18.67	4.16	2.41	6.90
*6848	40.08 - 41.00	0.026	1.58	1.03	0.19	0.36
*6849	41.00 - 42.08	0.036	3.05	4.60	0.16	0.30
*6850	42.08 - 43.11	0.152	15.90	4.42	0.93	1.90
*6851	43.11 - 44.08	0.007	0.37	0.89	0.08	0.18
6852	44.08 - 45.34	2	1.9	2150	710	870
6853	45.34 - 46.08	3	1.3	98	64	705
6860	61.60 - 62.60	4	1.3	21	27	290
6861	62.60 - 63.60	5	2.8	27	80	147
6870	64.70 - 65.70	5	0.7	1900	9	143
6862	67.71 - 68.67	2	2.2	21	36	75
6863	68.67 - 69.70	4	7.0	87	455	21500
6864	69.70 - 70.75	1	1.1	21	210	810
6871	72.00 - 73.00	980	13.9	1375	365	67
6865	79.66 - 80.74	2	0.6	49	10	225
6866	80.74 - 81.74	4	0.7	18	30	24
6867	87.51 - 88.50	1	0.7	53	9	112
6868	88.50 - 89.50	2	0.6	56	5	135
6869	111.10 - 112.10	4	0.4	12	6	73
*Assays		oz/t	oz/t	%	%	%

TP-89-4

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6872	7.96 - 8.96	2	0.8	45	8	71
6873	8.96 - 10.12	5	0.4	31	9	137
6874	15.10 - 16.10	2	0.5	30	6	54
6875	16.10 - 17.40	6	0.7	51	5	235
6876	20.55 - 22.15	2	0.9	41	28	81
6877	22.15 - 23.40	1	0.5	34	9	32
6878	38.40 - 39.40	1	0.4	111	10	105
6879	39.40 - 40.23	3	0.8	8	6	67
*6880	40.23 - 41.10	0.001	0.06	0.01	0.01	0.08
*6881	41.10 - 42.52	0.132	2.98	1.60	1.03	1.60
*6882	42.52 - 43.38	0.006	1.45	0.52	0.11	0.19
*6883	43.38 - 44.26	0.006	0.25	0.27	0.02	0.30
*6884	44.26 - 45.19	0.001	0.11	0.03	0.01	0.09
6885	45.19 - 47.20	45	3.3	101	355	1530
6886	60.17 - 61.17	8	0.9	27	23	137
6887	61.17 - 62.27	57	1.4	38	29	78
6888	62.27 - 63.27	103	1.8	104	36	118
6889	63.27 - 64.27	60	1.0	1950	18	86
6890	70.39 - 71.30	1	0.8	42	8	147
6891	77.72 - 78.72	2	0.7	11	3	51
6892	93.45 - 94.45	3	0.7	28	4	290
6893	94.45 - 95.45	1	0.5	63	3	630
6894	95.45 - 96.28	5	0.4	23	31	156
6895	122.44 - 123.44	2	1.1	11	32	87
*Assays		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

5 0 10 20 m

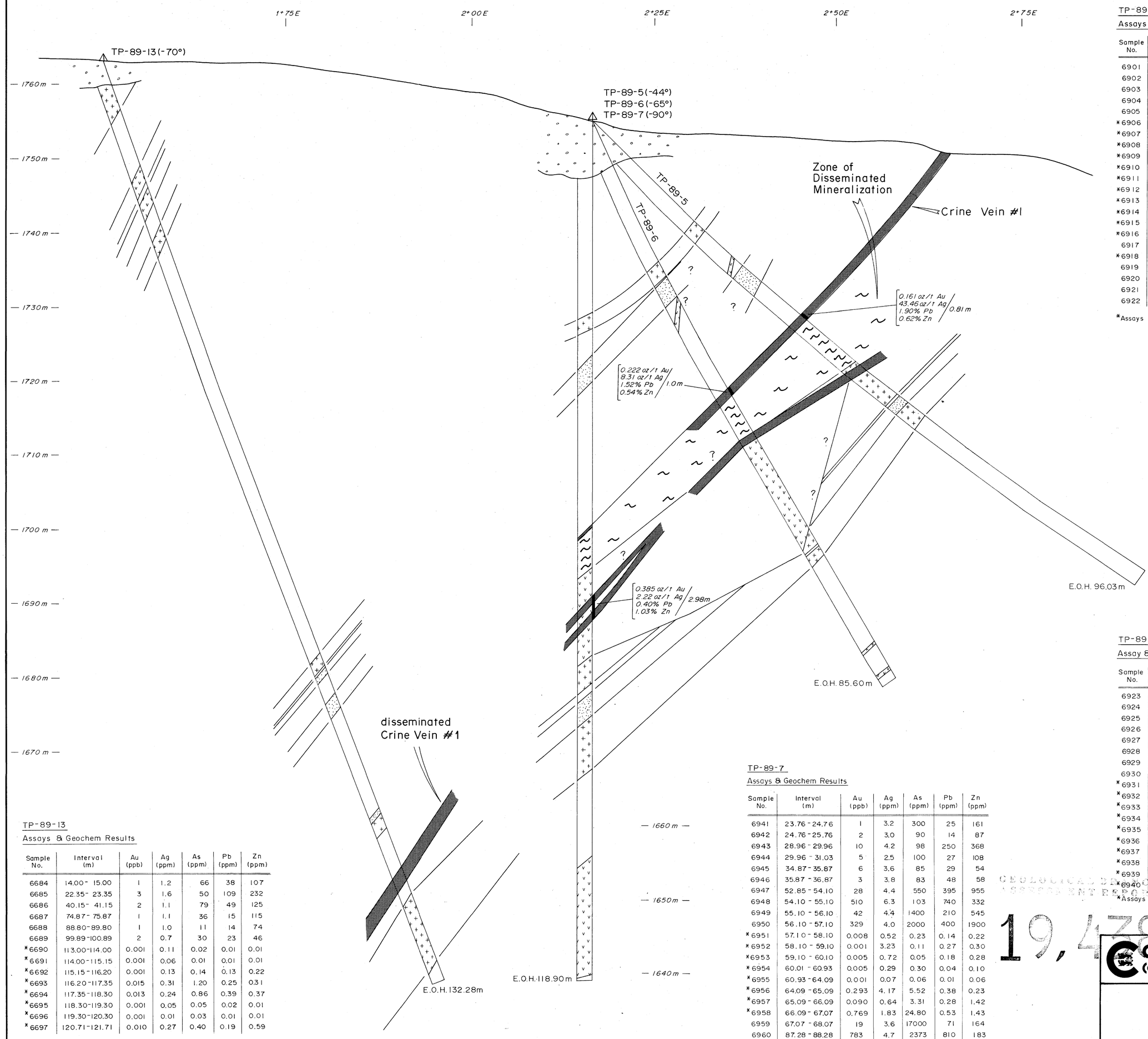
SCALE 1:250

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

DRILL CROSS SECTION
TP-89-3,4
L3+62S, 2+75E

DRAWN BY	J.C.	SCALE	1:250
DATE	Sept/89	MAP No.	11



TP-89-5

Assays & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6901	17.40 - 18.40	2	0.6	32	14	83
6902	23.50 - 24.50	39	0.7	50	25	124
6903	31.30 - 32.30	55	5.1	650	730	950
6904	35.60 - 36.60	77	3.7	950	300	780
6905	36.60 - 37.60	102	9.5	875	370	1230
*6906	37.60 - 38.45	0.002	0.29	0.08	0.02	0.19
*6907	38.45 - 39.26	0.161	43.46	4.69	1.90	0.62
*6908	39.26 - 40.26	0.001	0.30	0.04	0.01	0.08
*6909	40.26 - 41.26	0.011	0.55	0.31	0.18	0.83
*6910	41.26 - 42.26	0.011	1.35	0.33	0.19	1.09
*6911	42.26 - 43.26	0.004	0.17	0.27	0.03	0.31
*6912	43.26 - 44.26	0.006	0.20	0.20	0.10	0.43
*6913	44.26 - 45.26	0.007	0.23	0.21	0.09	0.17
*6914	45.26 - 46.26	0.003	0.11	0.07	0.01	0.02
*6915	46.26 - 47.26	0.003	0.12	0.05	0.01	0.02
*6916	47.26 - 48.46	0.015	0.31	0.31	0.09	0.04
6917	48.46 - 49.20	16	2.0	100	112	700
*6918	49.20 - 50.35	0.035	0.48	0.77	0.09	0.12
6919	50.35 - 51.35	1	2.1	82	245	885
6920	54.40 - 55.40	1	1.1	68	32	450
6921	61.70 - 62.90	51	4.3	101	425	305
6922	95.00 - 96.03	3	1.0	15	8	82
*Assays		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesite dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

5 0 10 20 m

SCALE 1:250

TP-89-6

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6923	10.60 - 11.60	1	1.0	27	7	67
6924	13.70 - 14.70	4	1.3	20	13	123
6925	20.45 - 21.45	1	2.6	78	305	1670
6926	27.60 - 28.60	155	4.1	1825	645	1970
6927	31.60 - 32.60	5	1.5	26	16	72
6928	32.60 - 33.60	1	1.7	48	74	
6929	36.20 - 37.20	29	2.9	83	285	485
6930	37.20 - 38.20	54	2.8	86	450	775
*6931	38.20 - 39.20	0.007	0.30	0.06	0.09	0.30
*6932	39.20 - 40.20	0.049	4.40	0.60	0.18	0.78
*6933	40.20 - 41.20	0.222	8.31	2.06	1.52	0.54
*6934	41.20 - 42.20	0.062	2.80	0.83	0.60	0.42
*6935	42.20 - 43.30	0.071	0.76	1.37	0.10	0.01
*6936	43.30 - 44.20	0.042	2.83	0.50	0.59	0.68
*6937	44.20 - 45.20	0.053	3.56	0.75	1.76	0.50
*6938	45.20 - 46.20	0.064	2.03	0.71	0.64	0.21
*6939	45.60 - 47.20	0.030	0.60	0.48	0.04	0.13
*6940	47.20 - 48.20	0.098	0.38	1.10	0.08	0.07
*Assays		oz/t	oz/t	%	%	%

TP-89-13

Assays & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6684	14.00 - 15.00	1	1.2	66	38	107
6685	22.35 - 23.35	3	1.6	50	109	232
6686	40.15 - 41.15	2	1.1	79	49	125
6687	74.87 - 75.87	1	1.1	36	15	115
6688	88.80 - 89.80	1	1.0	11	14	74
6689	99.89 - 100.89	2	0.7	30	23	46
*6690	113.00 - 114.00	0.001	0.11	0.02	0.01	0.01
*6691	114.00 - 115.15	0.001	0.06	0.01	0.01	0.01
*6692	115.15 - 116.20	0.001	0.13	0.14	0.13	0.22
*6693	116.20 - 117.35	0.015	0.31	1.20	0.25	0.31
*6694	117.35 - 118.30	0.013	0.24	0.86	0.39	0.37
*6695	118.30 - 119.30	0.001	0.05	0.05	0.02	0.01
*6696	119.30 - 120.30	0.001	0.01	0.03	0.01	0.01
*6697	120.71 - 121.71	0.010	0.27	0.40	0.19	0.59
*Assays		oz/t	oz/t	%	%	%

TP-89-7

Assays & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6941	23.76 - 24.76	1	3.2	300	25	161
6942	24.76 - 25.76	2	3.0	90	14	87
6943	28.96 - 29.96	10	4.2	98	250	368
6944	29.96 - 31.03	5	2.5	100	27	108
6945	34.87 - 35.87	6	3.6	85	29	54
6946	35.87 - 36.87	3	3.8	83	48	58
6947	52.85 - 54.10	28	4.4	550	395	955
6948	54.10 - 55.10	510	6.3	103	740	332
6949	55.10 - 56.10	42	4.4	1400	210	545
6950	56.10 - 57.10	329	4.0	2000	400	1900
*6951	57.10 - 58.10	0.008	0.52	0.23	0.14	0.22
*6952	58.10 - 59.10	0.001	3.23	0.11	0.27	0.30
*6953	59.10 - 60.10	0.005	0.72	0.05	0.18	0.28
*6954	60.01 - 60.93	0.005	0.29	0.30	0.04	0.10
*6955	60.93 - 64.09	0.001	0.07	0.06	0.01	0.06
*6956	64.09 - 65.09	0.293	4.17	5.52	0.38	0.23
*6957	65.09 - 66.09	0.090	0.64	3.31	0.28	1.42
*6958	66.09 - 67.07	0.769	1.83	24.80	0.53	1.43
6959	67.07 - 68.07	19	3.6	17000	71	164
6960	87.28 - 88.28	783	4.7	2373	810	183
6961	88.28 - 89.28	7	3.8	52	26	69
*Assays		oz/t	oz/t	%	%	%

19,438 Part 2 of 2

CYPRUS GOLD (Canada) Ltd.

—TEEPEE PROJECT—
ATLIN M.D., B.C.

DRILL CROSS SECTION
TP-89-5,6,7,13
L4+80S, 2+17E

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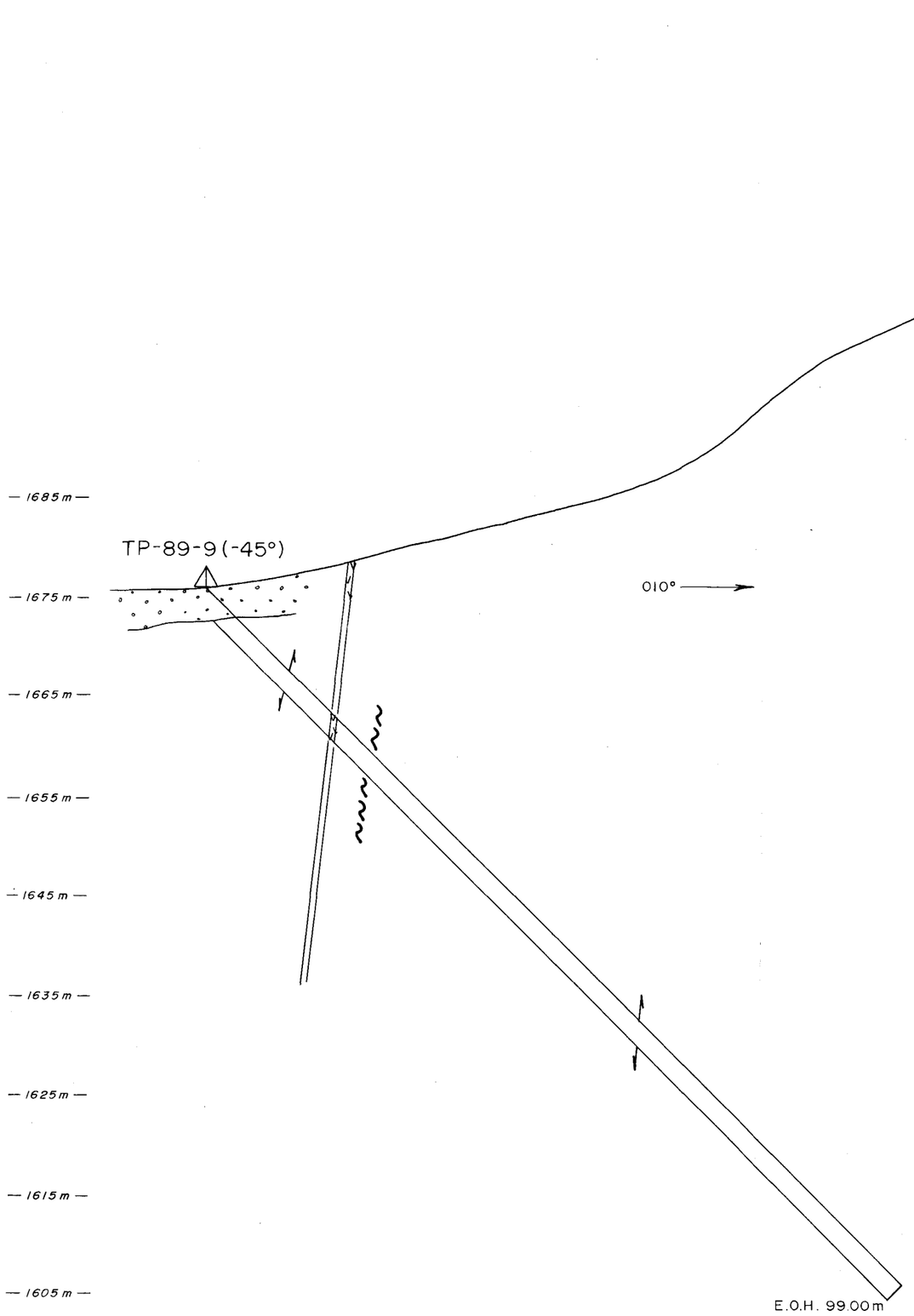
DATE	Sept/89	MAP No.	12



TP-89-9

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6983	9.80 - 10.80	21	0.5	21	11	104
6984	10.80 - 11.80	3	0.6	30	21	74
6985	11.80 - 12.80	18	0.5	55	24	73
6986	12.80 - 14.30	15	0.7	93	58	110
6994	15.35 - 16.35	7	0.8	33	52	71
6995	14.30 - 15.35	5	0.8	41	27	85
6987	21.90 - 22.90	12	0.6	90	15	84
* 6988	22.90 - 23.90	0.001	0.10	0.07	0.02	0.01
* 6989	23.90 - 24.90	0.001	0.08	0.01	0.04	0.04
* 6990	24.90 - 25.90	0.001	0.06	0.01	0.02	0.01
* 6998	25.90 - 26.90	0.001	0.02	0.02	0.01	0.01
6991	29.40 - 30.40	25	1.8	102	500	344
6992	36.70 - 37.70	11	0.9	60	83	328
6993	46.55 - 47.55	19	1.0	28	44	103
6996	80.50 - 81.50	7	0.6	12	15	93
6997	96.00 - 97.00	9	0.3	11	14	146
* Assays		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

10 0 10 20 m

SCALE 1:500

CYPRUS GOLD (Canada) Ltd.

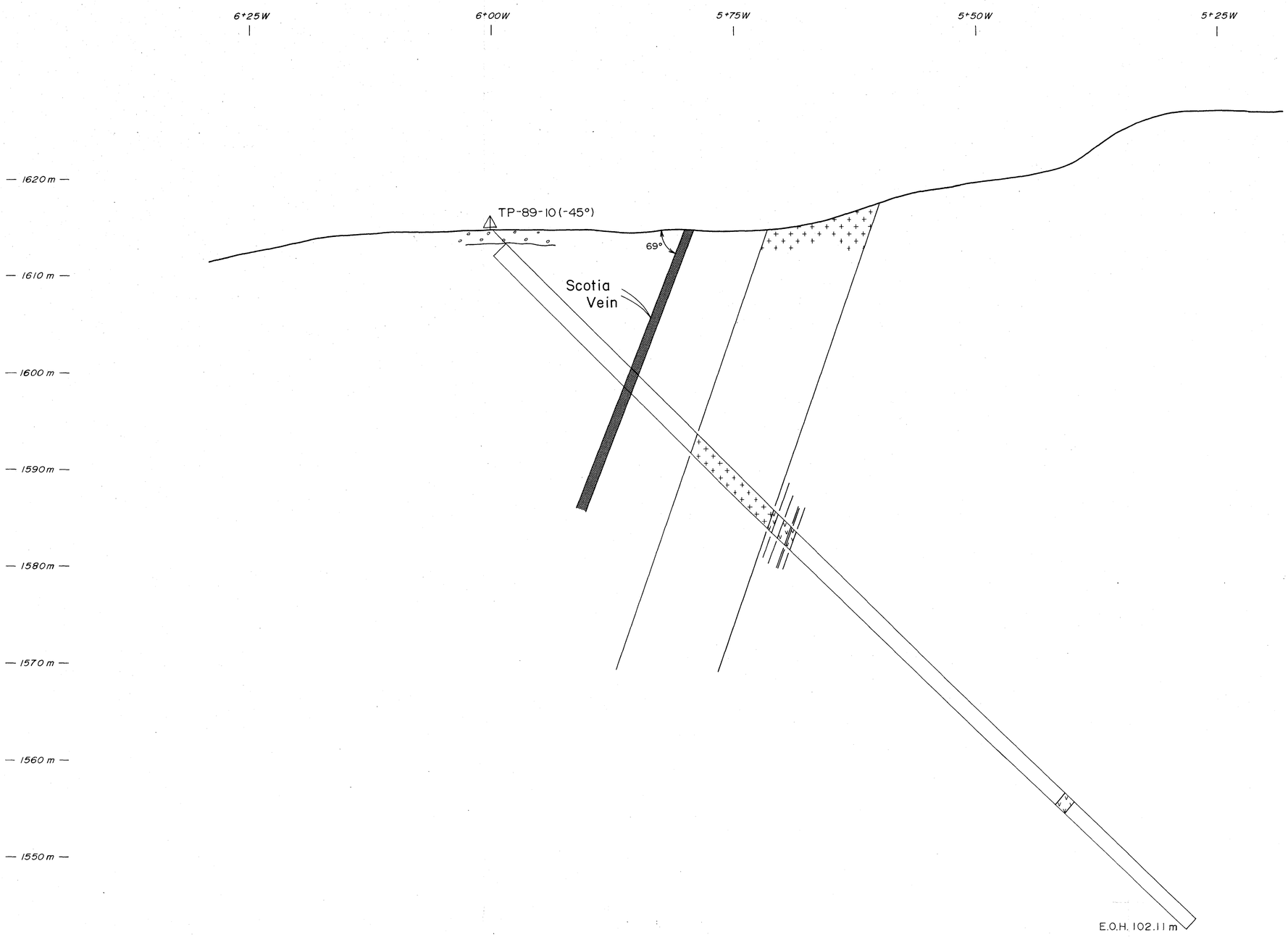
— TEEPEE PROJECT —

ATLIN M.D., B.C.

DRILL CROSS SECTION

L 2+15S, 2+65W

DRAWN BY	S.C.	SCALE	1:500
DATE	Sept/89	MAP No.	14



LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

TP-89-10

Assays & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6651	9.00 - 10.00	12	0.6	7	14	71
6652	10.00 - 11.60	208	1.2	7500	70	510
*6653	17.20 - 18.20	0.022	0.18	1.36	0.12	0.50
*6654	19.40 - 20.45	0.002	0.04	0.01	0.01	0.02
*6655	20.45 - 21.40	0.233	0.41	8.70	0.13	0.84
*6656	21.40 - 22.40	0.005	0.09	0.02	0.03	0.08
6657	23.30 - 24.30	47	2.1	775	147	780
*6658	25.07 - 26.07	0.029	0.12	1.42	0.04	0.14
6659	29.30 - 30.30	6	1.0	32	19	69
6660	53.30 - 54.30	38	1.1	8	129	164
*Assays		oz/t	oz/t	%	%	%

5 0 10 20 m
SCALE 1:250

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

DRILL CROSS SECTION TP-89-10 L6+70S, 6+00W

DRAWN BY	J.C.	SCALE	1:250
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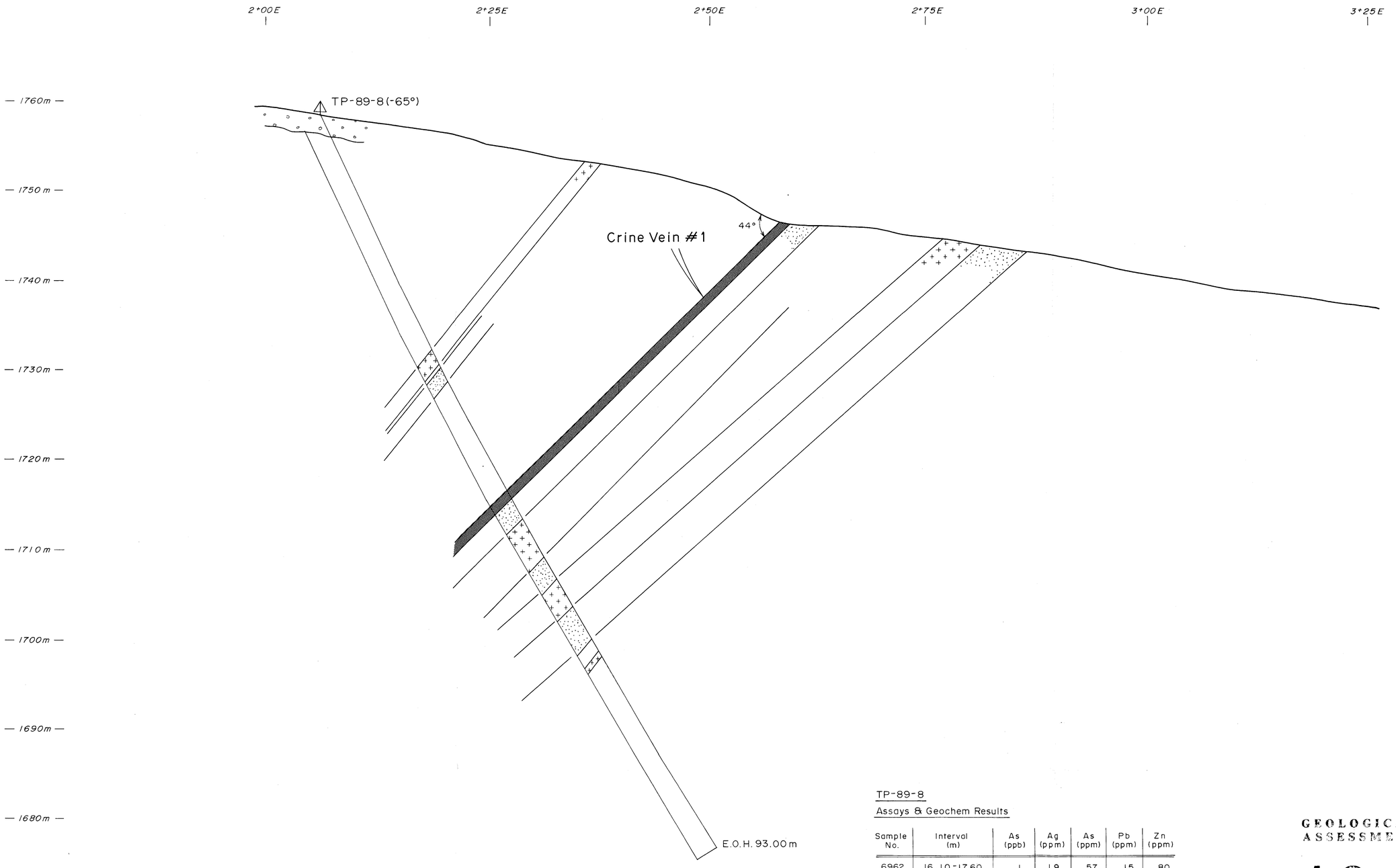


LEGEND

- Overburden
- Andesite dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

TP-89-8

Assays & Geochem Results

Sample No.	Interval (m)	As (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6962	16.10-17.60	1	1.9	57	15	80
6963	25.20-26.40	3	3.4	89	17	49
6964	28.30-29.30	1	4.5	51	23	109
6965	34.44-35.44	1	3.4	28	14	75
6966	40.90-41.90	2	3.3	27	15	40
6967	43.80-44.80	1	3.2	49	18	31
6968	44.80-45.80	21	1.7	65	17	34
* 6969	45.80-46.90	0.004	0.16	0.22	0.07	0.10
* 6970	46.90-47.90	0.053	35.29	3.40	1.00	0.28
* 6971	47.90-48.90	0.006	0.53	0.21	0.05	0.08
6972	48.90-49.90	236	5.4	8750	450	875
6973	49.90-50.90	214	7.8	5200	1540	1820
6974	50.90-52.55	120	5.6	1500	520	1410
6975	56.40-57.40	246	5.0	6600	560	1360
6976	57.40-58.40	132	4.2	2100	118	655
6977	60.15-61.15	378	2.6	17500	1140	395
6978	61.15-62.30	132	7.2	2350	245	134
6979	65.75-66.75	30	5.2	200	106	147
6980	66.75-67.75	57	4.8	150	92	179
6981	67.75-68.75	11	3.8	78	57	51
6982	68.75-69.75	29	2.2	100	115	318
*Assays		oz/t	oz/t	%	%	%

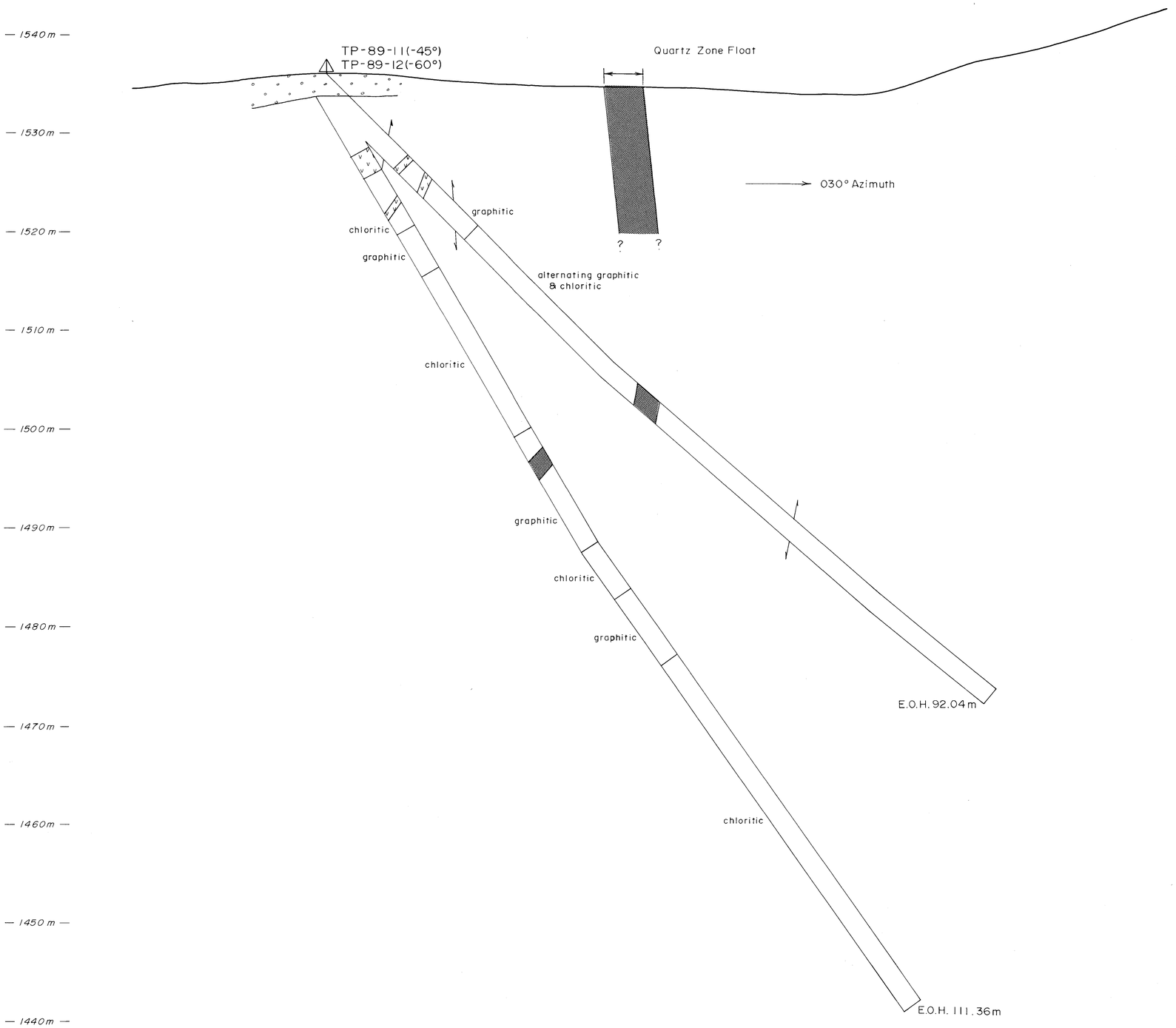
5 0 10 20 m
SCALE 1:250

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

DRILL CROSS SECTION
TP-89-8
L5+50S, 2+06E

DRAWN BY	J.C.	SCALE	1:250
DATE	Sept/89	MAP No.	13



TP-89-12

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6669	12.40 - 13.40	7	1.7	61	32	140
6670	17.53 - 18.53	2	1.4	12	26	173
6671	27.54 - 28.54	6	1.3	13	16	111
*6672	42.15 - 43.15	0.003	0.029	0.01	0.01	0.02
*6673	43.15 - 44.20	0.598	0.760	0.11	0.75	0.78
*6674	44.20 - 45.20	0.003	0.040	0.01	0.02	0.03
*6675	45.20 - 46.20	0.018	0.330	1.40	0.04	0.08
*6676	46.20 - 47.40	0.006	0.040	0.01	0.01	0.01
*6677	47.40 - 48.40	0.004	0.029	0.01	0.01	0.01
6678	48.40 - 49.40	210	3.9	1550	157	290
6679	49.40 - 50.60	2100	3.1	625	253	610
6680	51.90 - 52.90	362	8.1	2300	305	770
6681	63.00 - 64.00	2	1.4	22	21	139
6682	64.82 - 65.82	13	1.3	11	21	115
6683	101.25 - 102.25	22	1.1	10	24	170
*Assays		oz/t	oz/t	%	%	%

LEGEND

- Overburden
- Andesitic dyke
- Mineralized vein
- Rhyolite to aplite dyke
- Intermediate feldspar porphyry dyke
- Quartz mica schist (and varieties)

5 0 10 20 m

SCALE 1:250

TP-89-11

Assay & Geochem Results

Sample No.	Interval (m)	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	Zn (ppm)
6661	16.76 - 17.76	9	0.8	16	24	89
6662	21.86 - 22.86	10	0.7	27	11	51
6663	24.20 - 25.20	18	1.0	44	29	106
6664	38.60 - 39.60	650	5.8	1400	2855	450
*6665	44.25 - 45.25	0.310	0.23	0.01	0.02	0.07
*6666	45.25 - 46.25	0.076	0.35	0.10	0.13	0.07
*6667	46.25 - 47.25	0.032	0.76	1.97	0.12	0.21
6668	56.08 - 57.08	11	1.3	23	25	158
*Assays		oz/t	oz/t	%	%	%

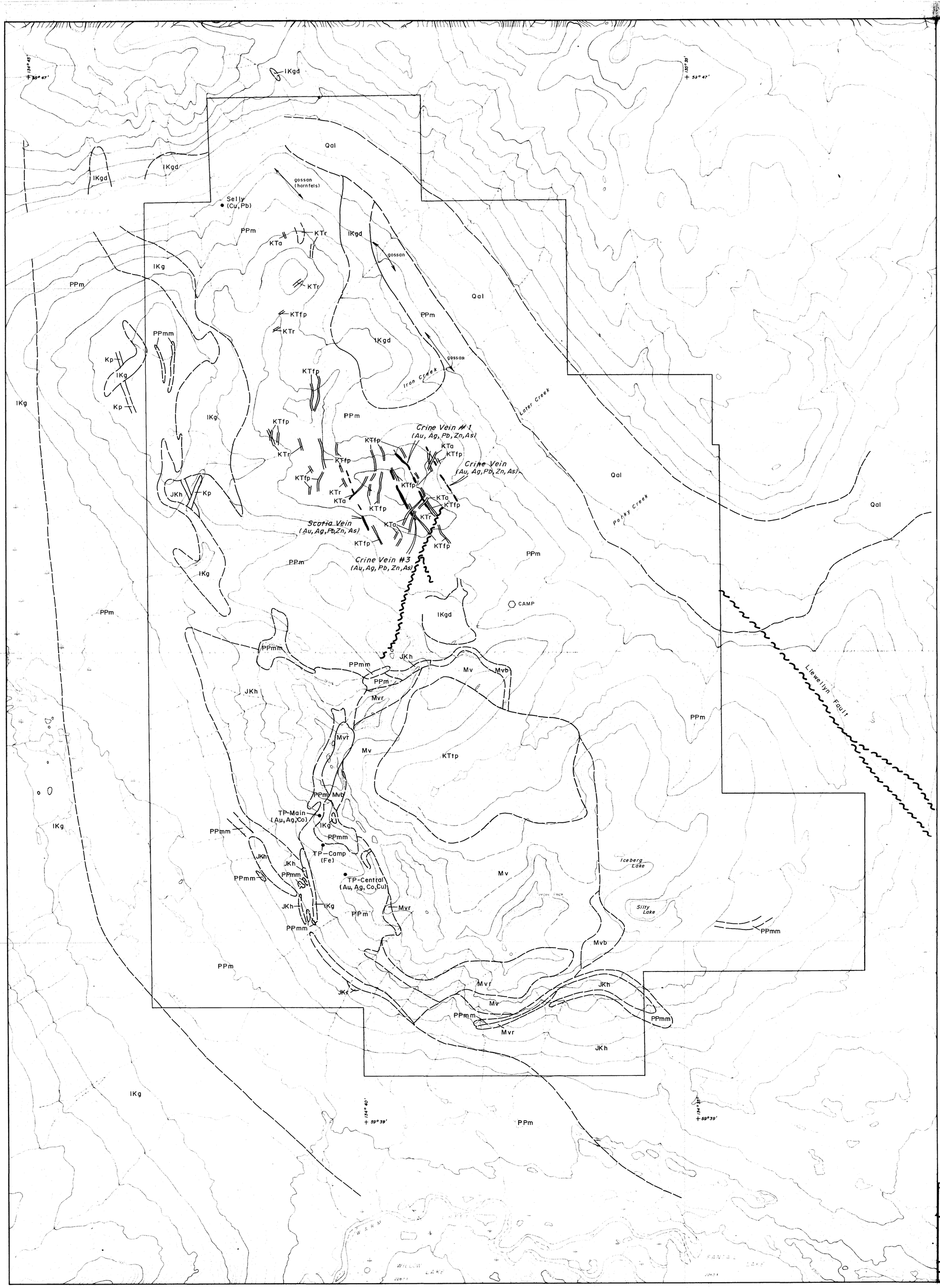
CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —

ATLIN M.D., B.C.

DRILL CROSS SECTION
TP-89- 11, 12
L8+60S, 6+30W

DRAWN BY	J.C.	SCALE	1:250
DATE	Sept/89	MAP No.	16



N

LEGEND

QUATERNARY

- Qal — Unconsolidated glacial till

MIDDLE TO UPPER JURASSIC
Teepee Creek Volcanics (undivided as 'Mv')

- Mvr — Rhyolite flows, domes, pyroclastic breccia
- Mvb — Basal breccia/conglomerate: at contact with PPm and as dyke-like

PROTEROZOIC TO PALEOZOIC
Boundary Range Metamorphic

- PPm — Quartz mica schist, graphitic schist, chlorite actinolite schist, pyroxene plagioclase schist, meta intrusive
- PPmm — Marble: with and without skarn

INTRUSIVE ROCKS

LATE CRETACEOUS TO TERTIARY

- KTa — Andesite dyke: fine grained to porphyritic
- KTr — Rhyolite and aplite dykes: commonly banded
- KTfp — Quartz feldspar to mafic feldspar porphyry
- KTtp — Granodiorite to tonlite (Teepee Peak Stock)

LATE CRETACEOUS

- IKg, IKgd — Granite to granodiorite
- Kp — Pyroxenite: as thin dykes

LATE JURASSIC, EARLY CRETACEOUS

- JKh — Hornblende

Geological contact: defined, assumed

Fault

Mineral occurrence

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,438
Part 1 of 2

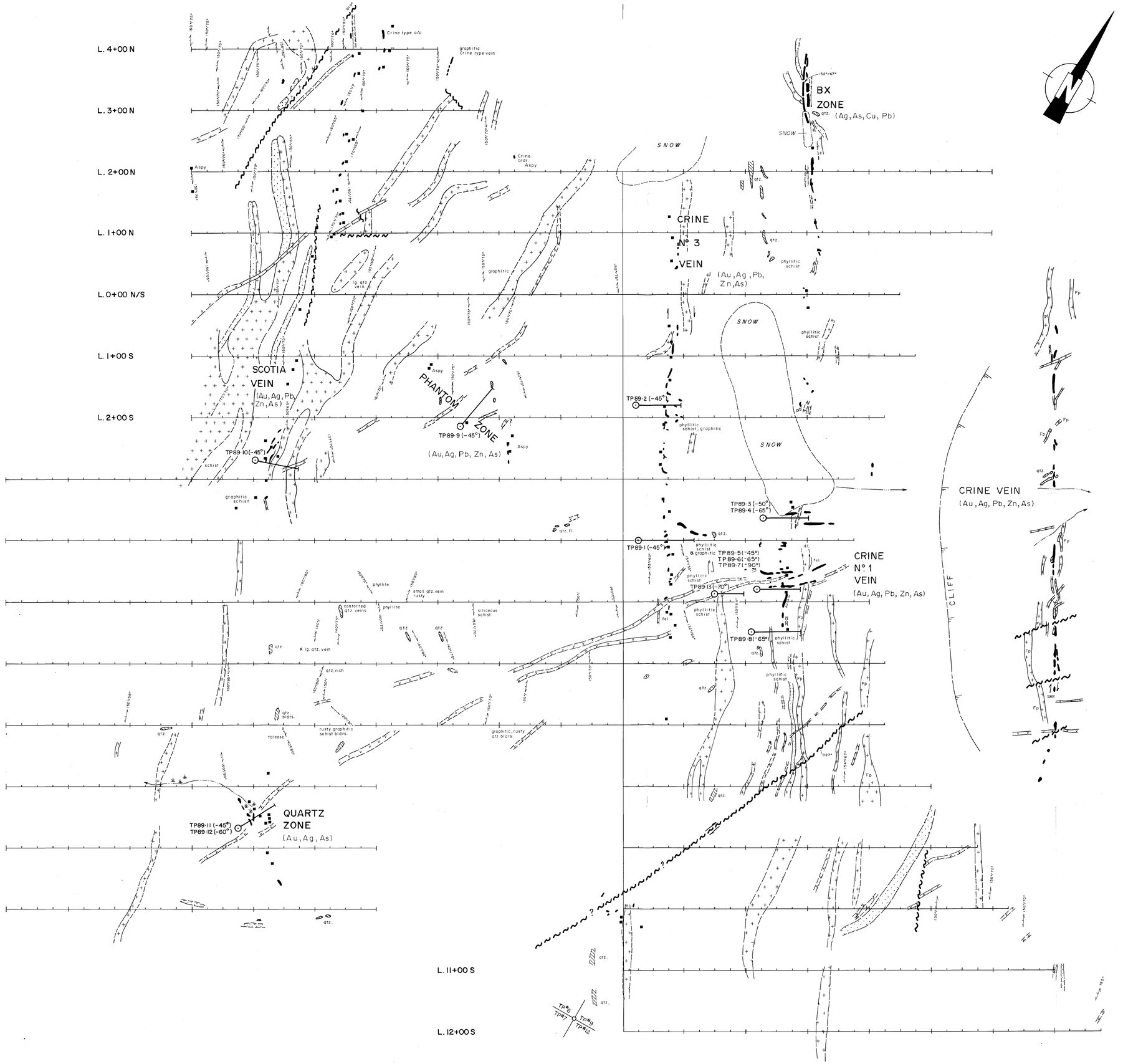
0 0.5 1 1.5 2
kilometres

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

PROPERTY GEOLOGY (TEEPEE CLAIM GROUP)

DRAWN BY J.C.	SCALE 1 : 25 000
DATE Sept/1989	MAP No.



LEGEND

TERTIARY (?)

- NNE faulting
- Brownish grey to dark grey/green fine grain andesite dykes
- Mineralization along reactivated NW to NNW structures
- Andesite (similar to above unit)
- Tensional quartz veins
- NNE faulting

CRETACEOUS

- Aplite, felsite, to banded rhyolite
- Intermediate to mafic feldspar porphyry

EARLY JURASSIC

- Llewellyn Fault — NNW regional structure

PALEOZOIC — PROTEROZIC

- Quartz mica schist, argillaceous phyllite, graphitic phyllite, quartz hornblende

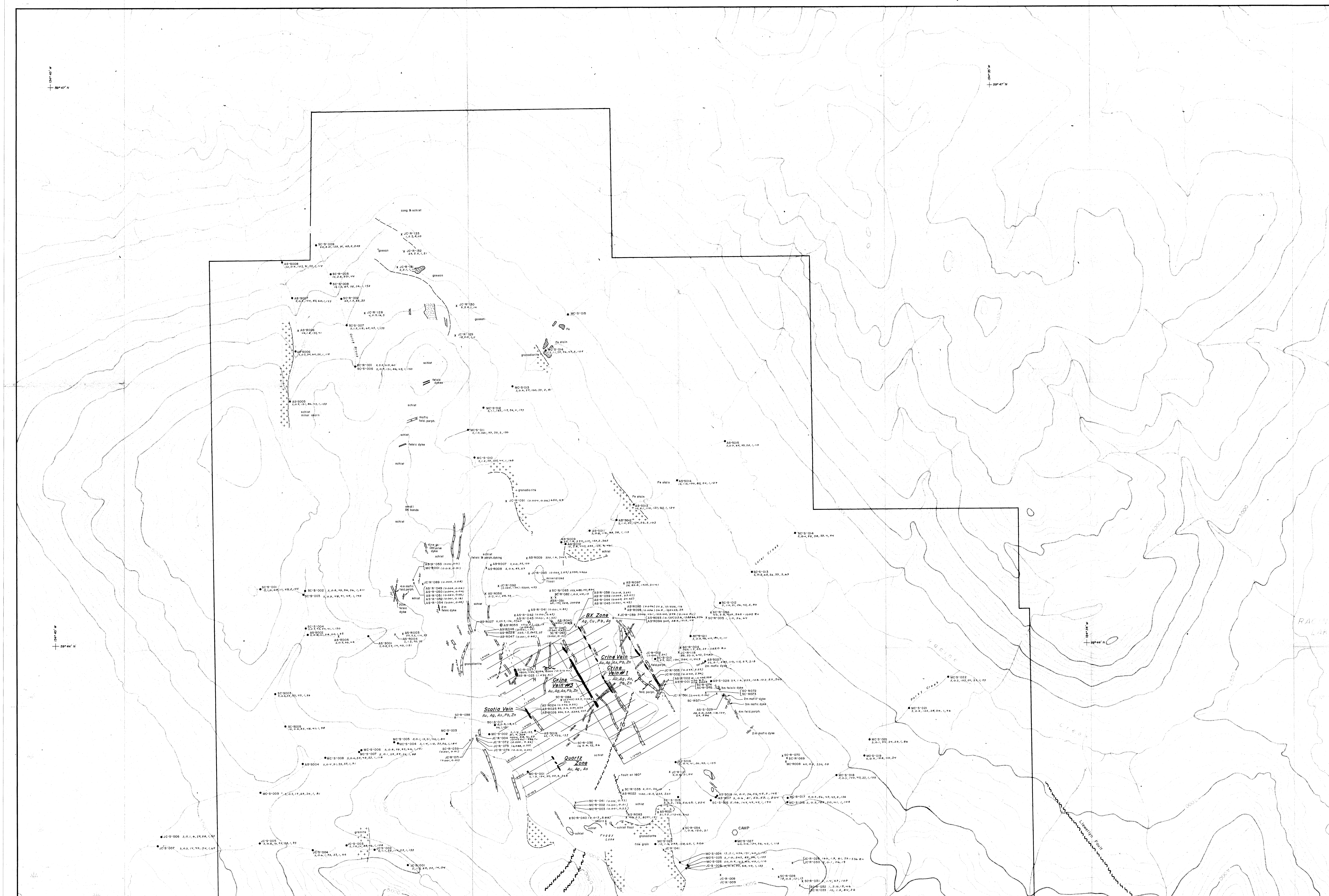
0 50 100 150 200 250 300 METRES

CYPRUS GOLD (Canada) Ltd.

- TEEPEE PROJECT -
ATLIN M.D., B.C.

GEOLOGY

DRAWN BY	J.C. / w.g.i.	SCALE	1 : 2500
DATE	SEPTEMBER 1989	MAP No.	7



LEGEND

TERTIARY (?)

- NNE faulting
- Brownish grey to dark grey/green fine grain andesite dykes
- Mineralization along reactivated NW to NNW structures
- Andesite (similar to above unit)
- Traditional quartz veins
- NNE faulting

CRETACEOUS

- Aplite, felsite, to banded rhyolite
- Intermediate to mafic feldspar porphyry; +granodiorite, granite (Includes T.P. Stock)

EARLY JURASSIC

- Llewellyn Fault — NNW regional structure

PALEOZOIC—PROTERZOIC

- Quartz mica schist, argillaceous phyllite, graphitic phyllite, quartz hornblende
- Iron stain

x 60, 0.9, 350, 58 Rock sample
Au ppb, Ag ppm, As ppm, Pb ppm

• 15, 3.1, 436, 131, 60, 1, 171 Stream sediment
Au ppb, Ag ppm, As ppm, Cu ppm, Pb ppm, Sb ppm, Zn ppm

• (0.040, 0.10) Assay results
(Au oz/t, Ag oz/t)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,438
Part 1 of 2

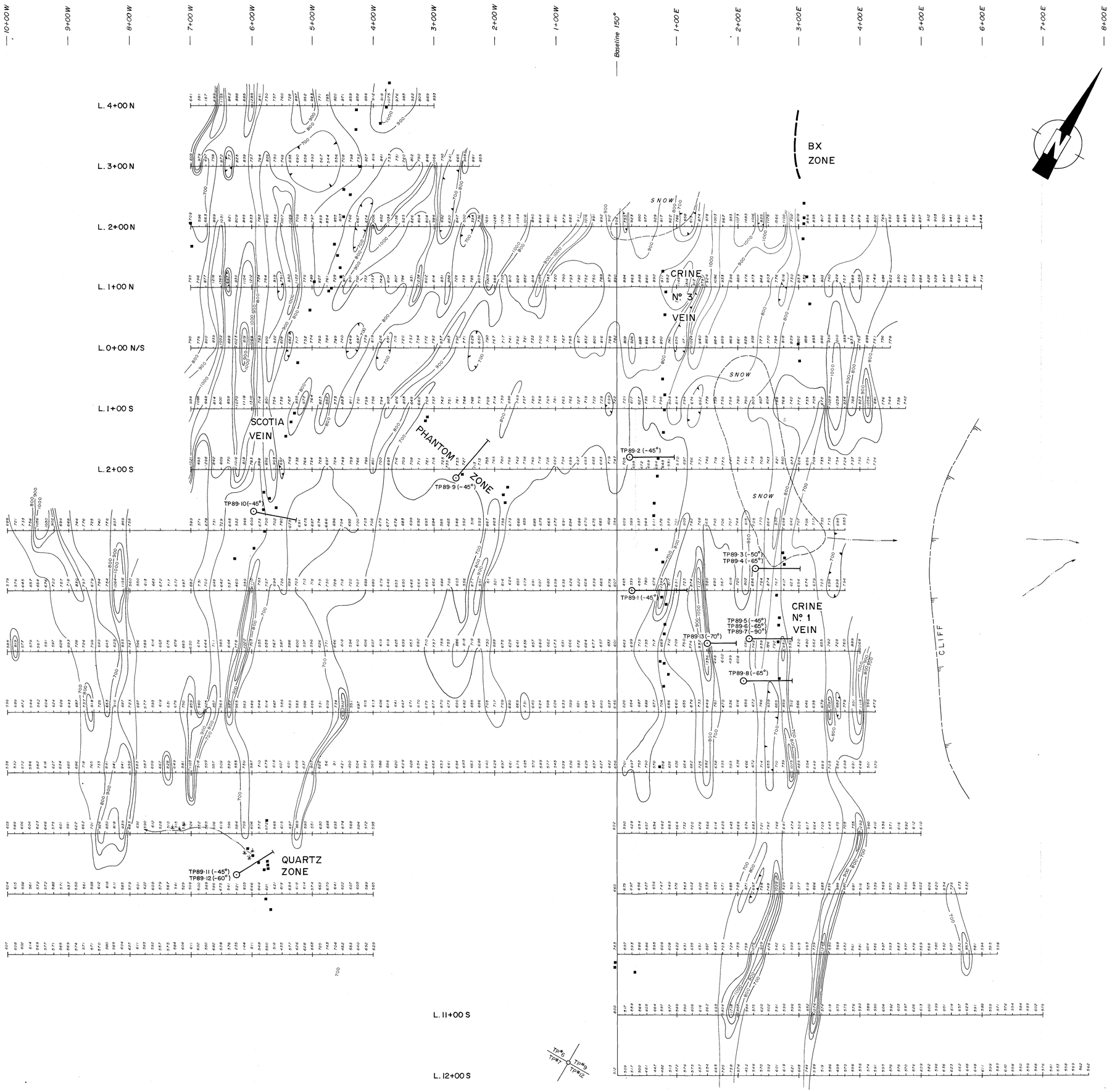
0 100 200 300 400 500 1000
metres

CYPRUS GOLD (Canada) Ltd.

— TEEPEE PROJECT —
ATLIN M.D., B.C.

PROPERTY ROCK SAMPLE RESULTS (North Sheet)
(with geology, grid location & stream sediments)

DRAWN BY	J.C.	SCALE	1 : 10 000
DATE	Oct/1989	MAP No.	2a



LEGEND

- Diamond drill hole
- Sulphide rich float
- Magnetic low, <57000 gammas

Note: Contour interval — 100 gammas
Datum — 57,000 gammas

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,438 Part 1 of 2

0 50 100 150 200 250 300 METRES

CYPRUS GOLD (Canada) Ltd.

– TEEPEE PROJECT –
ATLIN M.D., B.C.

MAGNETICS
(Contoured)

DRAWN BY	J.C. / w.g.i.	SCALE	1:2500
DATE	SEPTEMBER 1989	MAP No.	5a

10+00 W | 9+00 W | 8+00 W | 7+00 W | 6+00 W | 5+00 W | 4+00 W | 3+00 W | 2+00 W | 1+00 W | Baseline 150° | 1+00 E | 2+00 E | 3+00 E | 4+00 E | 5+00 E | 6+00 E | 7+00 E | 8+00 E

L. 4+00 N
L. 3+00 N
L. 2+00 N
L. 1+00 N
L. 0+00 N/S
L. 1+00 S
L. 2+00 S
L. 3+00 S
L. 4+00 S
L. 5+00 S
L. 6+00 S
L. 7+00 S
L. 8+00 S
L. 9+00 S
L. 10+00 S
L. 11+00 S
L. 12+00 S

BX ZONE
SNOW
CRINE
Nº 3
VEIN
SCOTIA VEIN
PHANTOM ZONE
TP89-2 (-45°)
TP89-9 (-45°)
TP89-10 (-45°)
TP89-3 (-50°)
TP89-4 (-65°)
TP89-1 (-45°)
CRINE Nº 1 VEIN
TP89-5 (-45°)
TP89-6 (-65°)
TP89-7 (-90°)
TP89-13 (-70°)
TP89-8 (-65°)
CLIFF
QUARTZ ZONE
TP89-11 (-45°)
TP89-12 (-60°)
TP#6 TP#7 TP#9 TP#10 TP#12

LEGEND

VERTICAL SCALE
1 cm = 200 ɣ

5800 ɣ
5780 ɣ
5760 ɣ
5740 ɣ
5720 ɣ

Diamond Drill Hole
Sulphide rich float

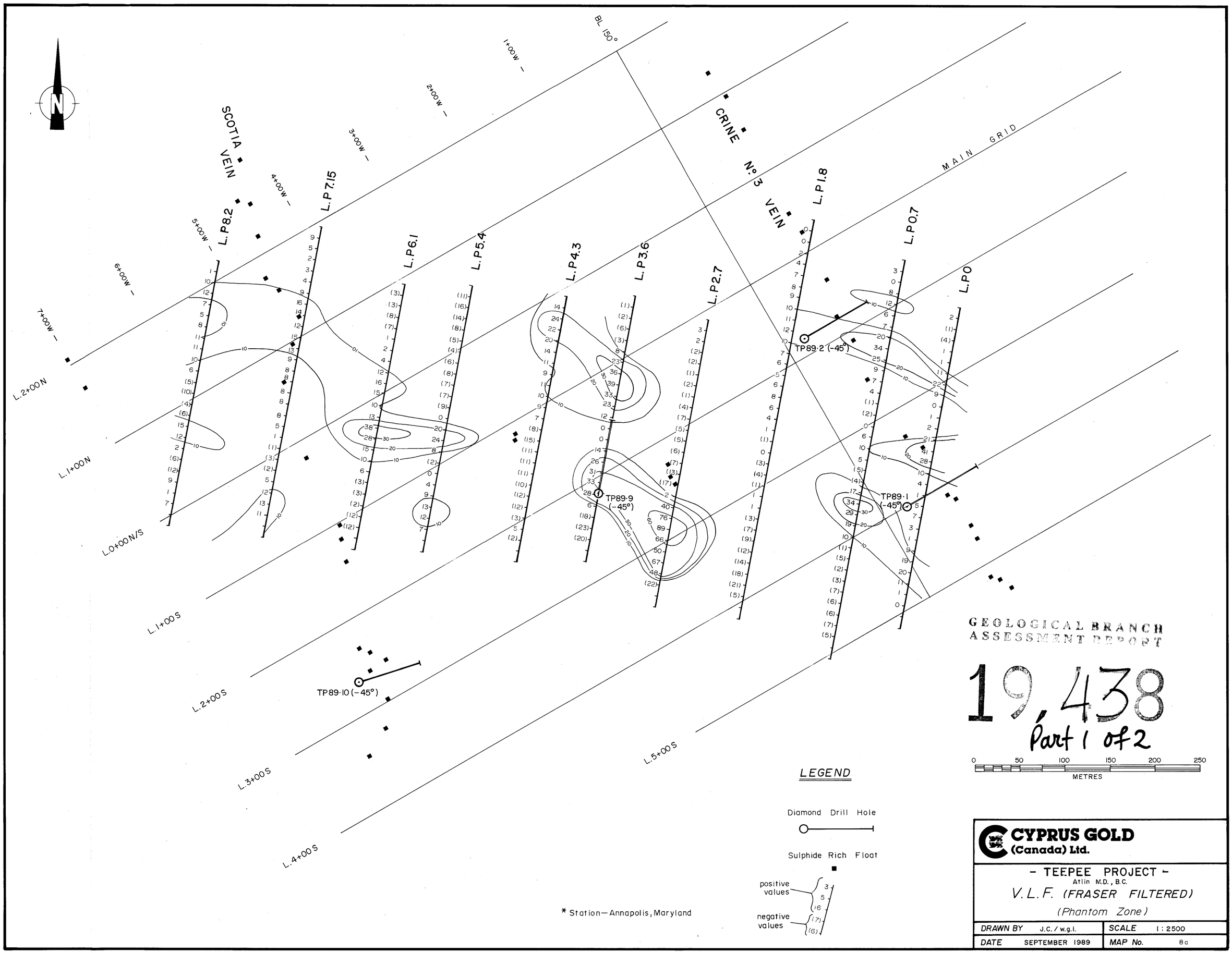
0 50 100 150 200 250 300 METRES

CYPRUS GOLD (Canada) Ltd.

- TEEPEE PROJECT -
ATLIN M.D., B.C.

MAGNETICS
(Profiles)

DRAWN BY	J.C. / w.g.i.	SCALE	1:2500
DATE	SEPTEMBER 1989	MAP No.	5b



0 50 100 150 200 250
METRES

LEGEND

Diamond Drill Hole

Sulphide Rich Float

positive values: 3, 5, 16

negative values: (7), (6)

* Station—Annapolis, Maryland

CYPRUS GOLD (Canada) Ltd.

- TEEPEE PROJECT -

Atlin M.D., B.C.

V.L.F. (FRASER FILTERED)

(Phantom Zone)

DRAWN BY J.C. / w.g.l.	SCALE 1 : 2500
DATE SEPTEMBER 1989	MAP No. 8a

BL 150°

1+00W

2+00W

3+00W

4+00W

5+00W

6+00W

7+00W

SCOTIA VEIN

CRINE No. 3 VEIN

MAIN GRID

L.P8.2

L.P7.15

L.P6.1

L.P5.4

L.P4.3

L.P3.6

L.P2.7

L.P1.8

L.P0.7

L.P0

L.2+00N

L.1+00N

L.0+00N/S

L.1+00S

L.2+00S

L.3+00S

L.4+00S

L.5+00S

TP89-2 (-45°)

TP89-9 (-45°)

TP89-1 (-45°)

TP89-10 (-45°)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,438

Part 1 of 2

0 50 100 150 200 250
METRES

LEGEND

Diamond Drill Hole

Sulphide rich float

+40 +20 0 -20 -40

QUAD IN-PHASE

* Station – Annapolis, Maryland

CYPRUS GOLD (Canada) Ltd.

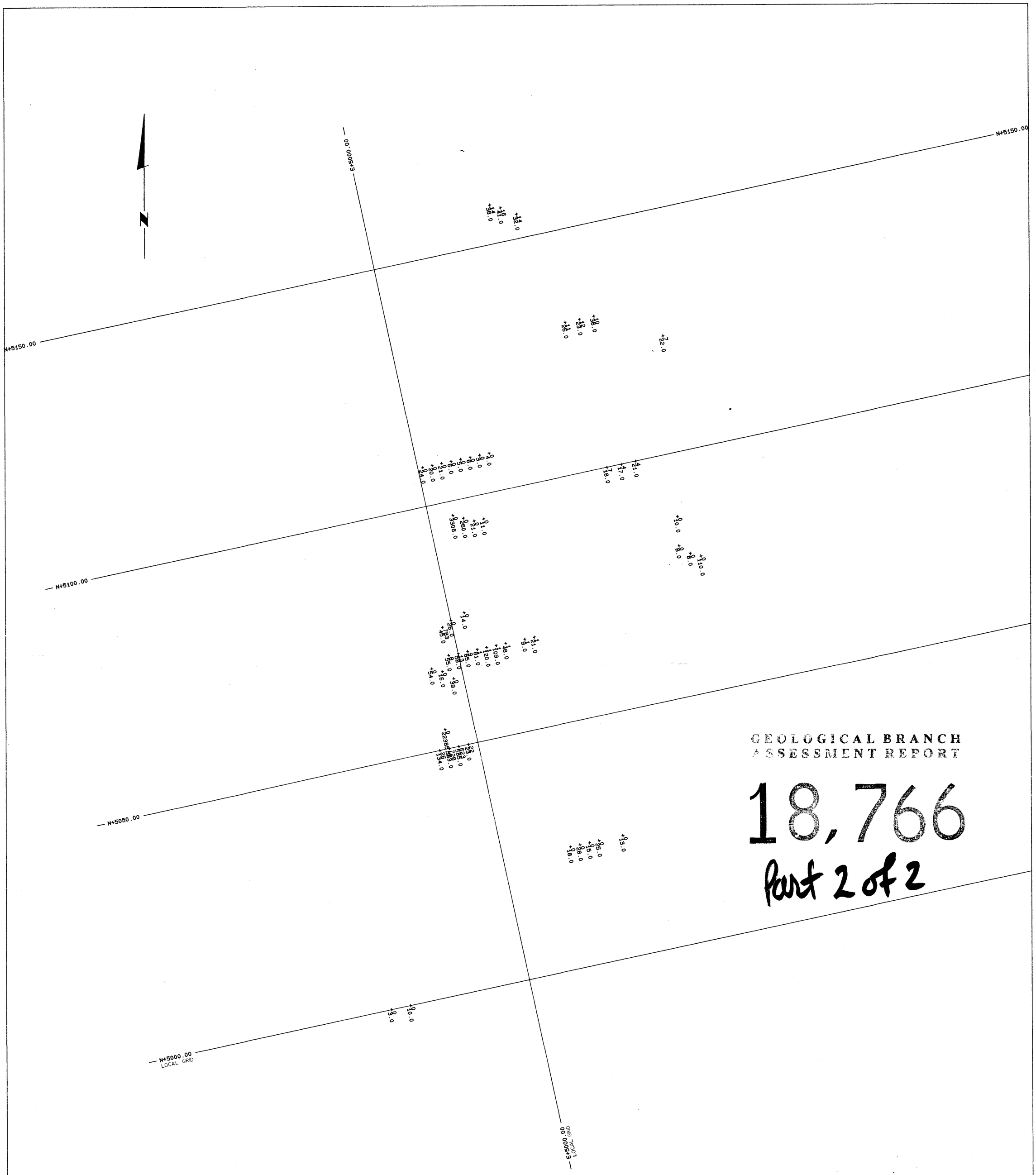
- TEEPEE PROJECT -

Atlin M.D., B.C.

V.L.F.

(Phantom Zone)

DRAWN BY J.C. / w.g.i.	SCALE 1:2500
DATE SEPTEMBER 1989	MAP No. 8b



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,766

Part 2 of 2

LEGEND

$^{1}_{+21.0}$ Bismuth (ppm)
Cobalt (ppm)

No analysis for Bismuth
Analysis greater than 20 ppm Bismuth
Analysis greater than 400 ppm Cobalt

1:500

10m 5 0 10 20m

CYPRUS GOLD (Canada) Ltd.

MAIN SHOWING

ROCK GEOCHEMICAL

BISMUTH ppm / COBALT ppm

DRAWN BY M. Ferguson	SCALE 1 : 500
DATE JANUARY 1989	MAP No. 9 C

N

BL 150°

1+00W

2+00W

3+00W

4+00W

5+00W

6+00W

7+00W

SCOTIA VEIN

CRINE No. 3 VEIN

MAIN GRID

L.P8.2

L.P7.15

L.P6.1

L.P5.4

L.P4.3

L.P3.6

L.P2.7

L.P1.8

L.P0.7

L.P0

L.2+00N

L.1+00N

L.0+00N/S

L.1+00S

L.2+00S

L.3+00S

L.4+00S

L.5+00S

TP89-10 (-45°)

TP89-9 (-45°)

TP89-1 (-45°)

TP89-2 (-45°)

0 50 100 150 200 250
METRES

LEGEND

Diamond Drill Hole

Sulphide rich float

Coil Separation — 50m

+40 +20 0 -20 -40

1830 Hz

5010 Hz

CYPRUS GOLD (Canada) Ltd.

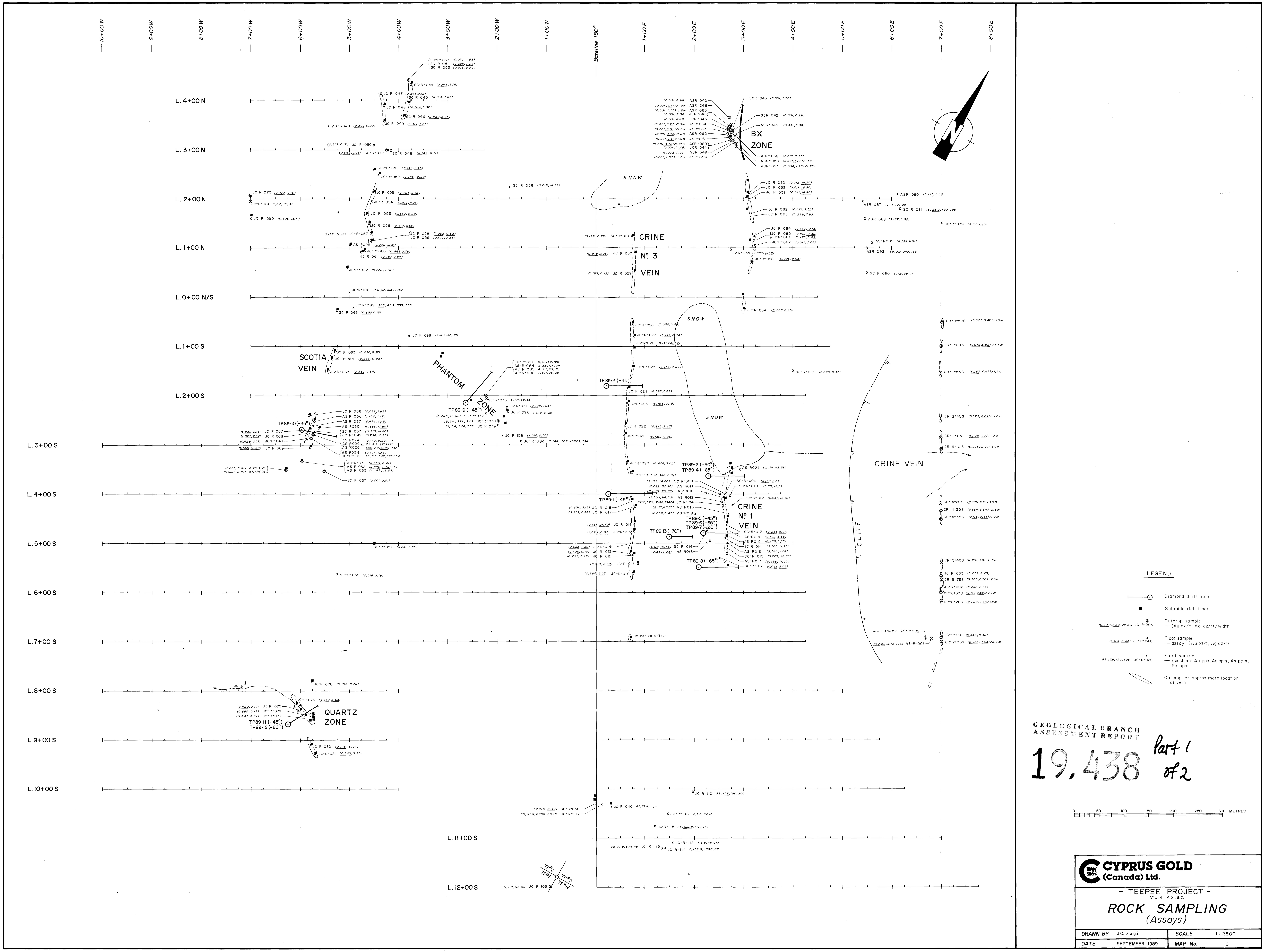
- TEEPEE PROJECT -

Atlin M.D., B.C.

SHOOTBACK

(Phantom Zone)

DRAWN BY J.C. / w.g.i.	SCALE 1 : 2500
DATE SEPTEMBER 1989	MAP No. 8c



Baseline 150°
L. 4+00 N
L. 3+00 N
L. 2+00 N
L. 1+00 N
L. 0+00 N/S
L. 1+00 S
L. 2+00 S
L. 3+00 S
L. 4+00 S
L. 5+00 S
L. 6+00 S
L. 7+00 S
L. 8+00 S
L. 9+00 S
L. 10+00 S
L. 11+00 S
L. 12+00 S
BX ZONE
SNOW
CRINE No 3 VEIN
SCOTIA VEIN
PHANTOM ZONE
CRINE No 1 VEIN
CRINE VEIN
CLIFF
QUARTZ ZONE
minor vein float
LEGEND
Diamond drill hole
Sulphide rich float
Outcrop sample — (Au oz/t, Ag oz/t) / width
Float sample — assay (Au oz/t, Ag oz/t)
Float sample — geochem Au ppb, Ag ppm, As ppm, Pb ppm
Outcrop or approximate location of vein
0 50 100 150 200 250 300 METRES
GEOLOGICAL BRANCH ASSESSMENT REPORT
19,438 part 1 of 2
CYPRUS GOLD (Canada) Ltd.
- TEEPEE PROJECT -
ATLIN M.D., B.C.
ROCK SAMPLING
(Assays)
DRAWN BY J.C. / w.g.i.
SCALE 1:2500
DATE SEPTEMBER 1989
MAP No. 6