DIAMOND DRILLING REPORT ON THE TABLE MOUNTAIN GOLD PROPERTY

CASSIAR DISTRICT, LIARD MINING DIVISION

Work Done On:	Nu-Tara (222403)
Work Performed:	May 18 - August 13, 1993
Location:	NTS 104P/4E Latitude 59 Deg., 11 Min. N Longitude 129 Deg., 41 Min. W
By:	Matt Ball, M.Sc., P.Geo.
Date:	September 8, 1993

Owner/operator Lusac Industries Ltd.

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INTRODUCTION

This report documents diamond drilling conducted in 1993 on the Table Mountain Gold property of Cusac Industries Ltd., northern British Columbia. This property was formerly known as the Erickson Gold Mine property.

The objectives of this work were to:

a) Prove the continuity of mineralization on the Bain vein west zone.

b) Explore the immediate area of the Bain vein for additional mineralization.

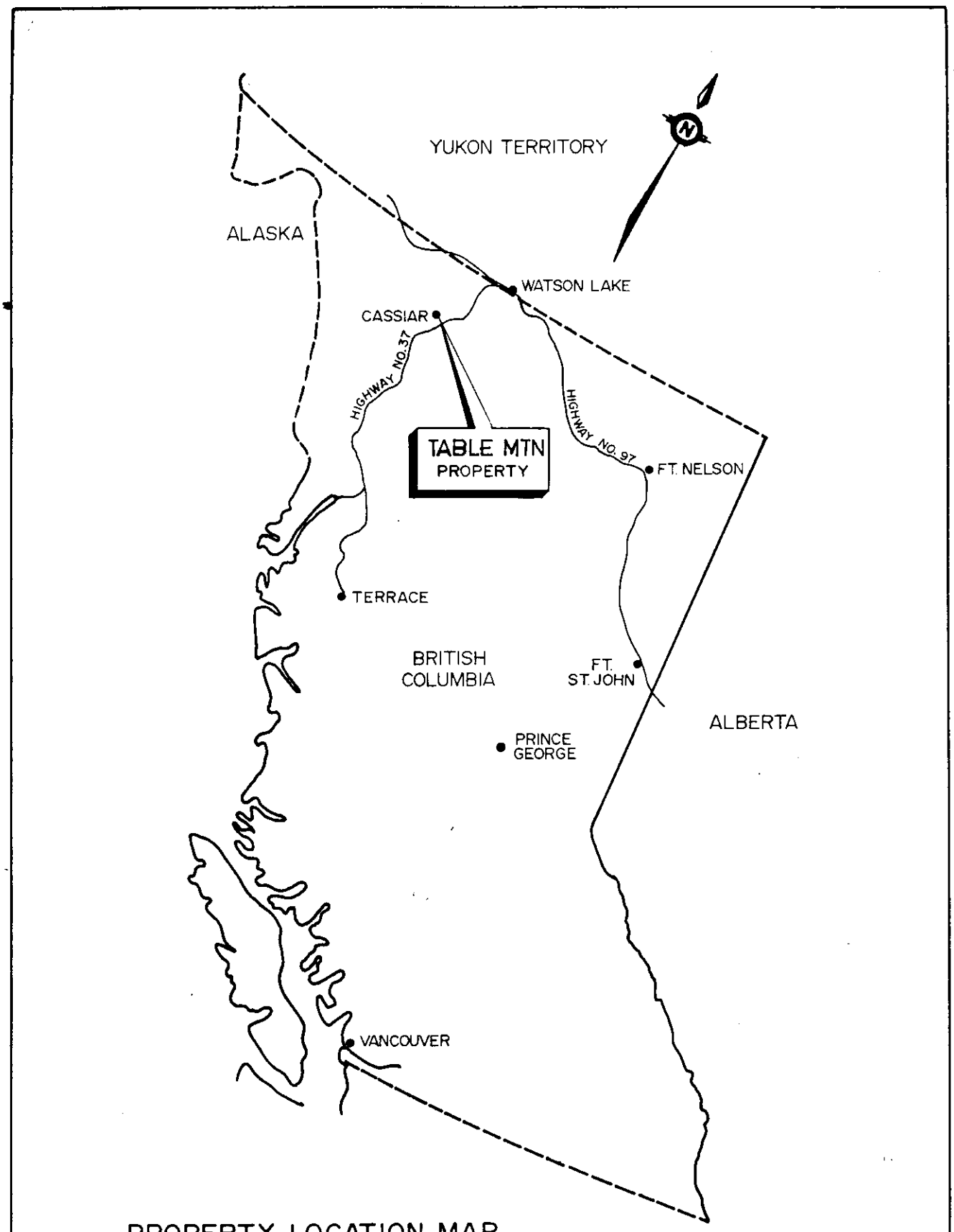
LOCATION AND ACCESS

The property is located in northern British Columbia (Figure 1) and lies within the Liard Mining Division. The work described in this report was done on claims located southwest of the Erickson Gold Mine and approximately 11 kilometers southeast of the Cassiar mine townsite (Figure 2). Access to the property is via Highway 37 and existing mine roads.

TENURE

The area of work consists of mineral claims owned by Cusac Industries Ltd., indicated in Figure 3 and in the following list.

Claim	Record No.	Record. Date	Units	Owner
Nu-Tara	222403	10/24/1984	12	Cusac
		Total	12 units	

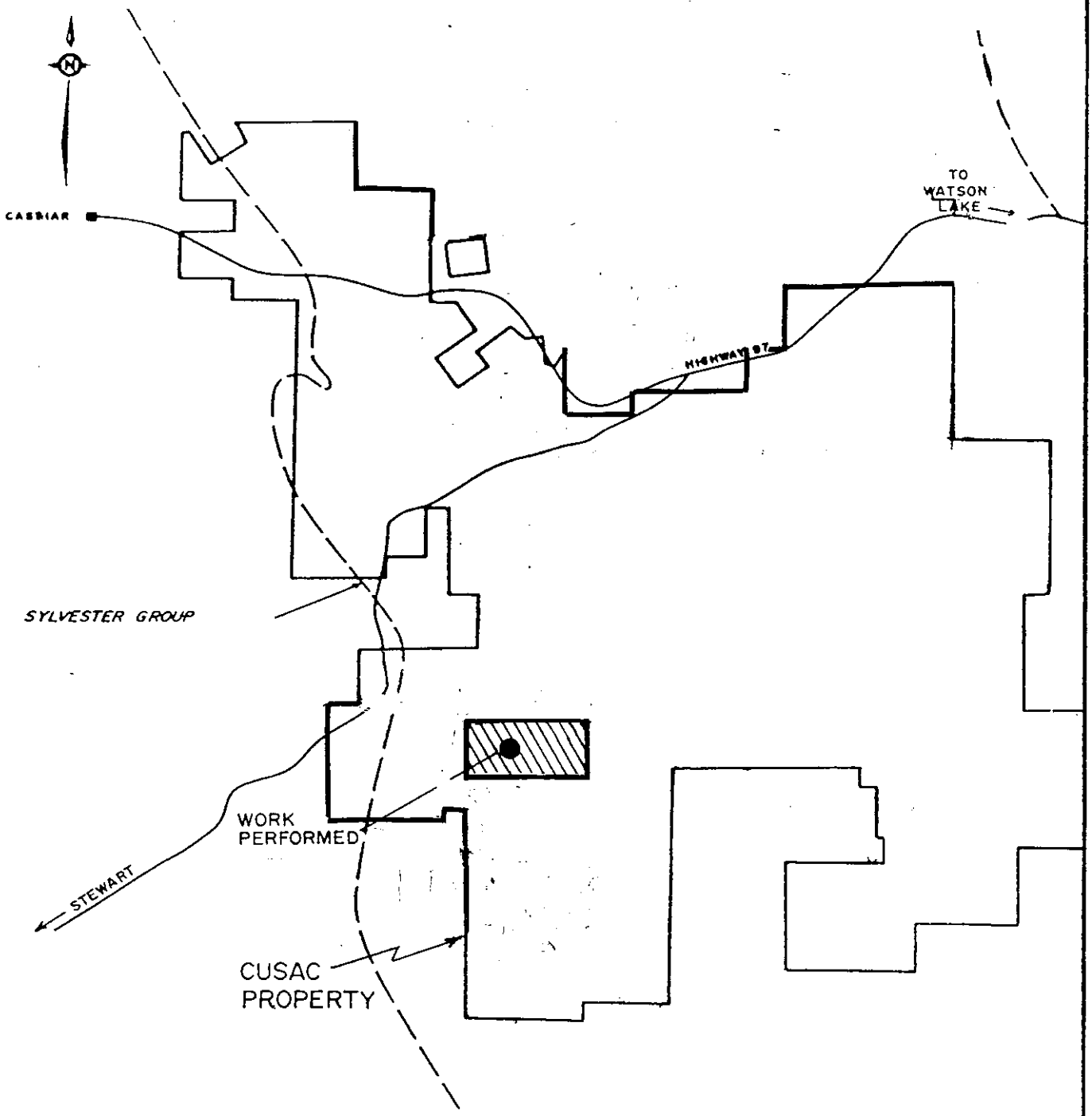


PROPERTY LOCATION MAP

CUSAC INDUSTRIES LIMITED

1993 FIGURE I

SCALE 1:8,000,000

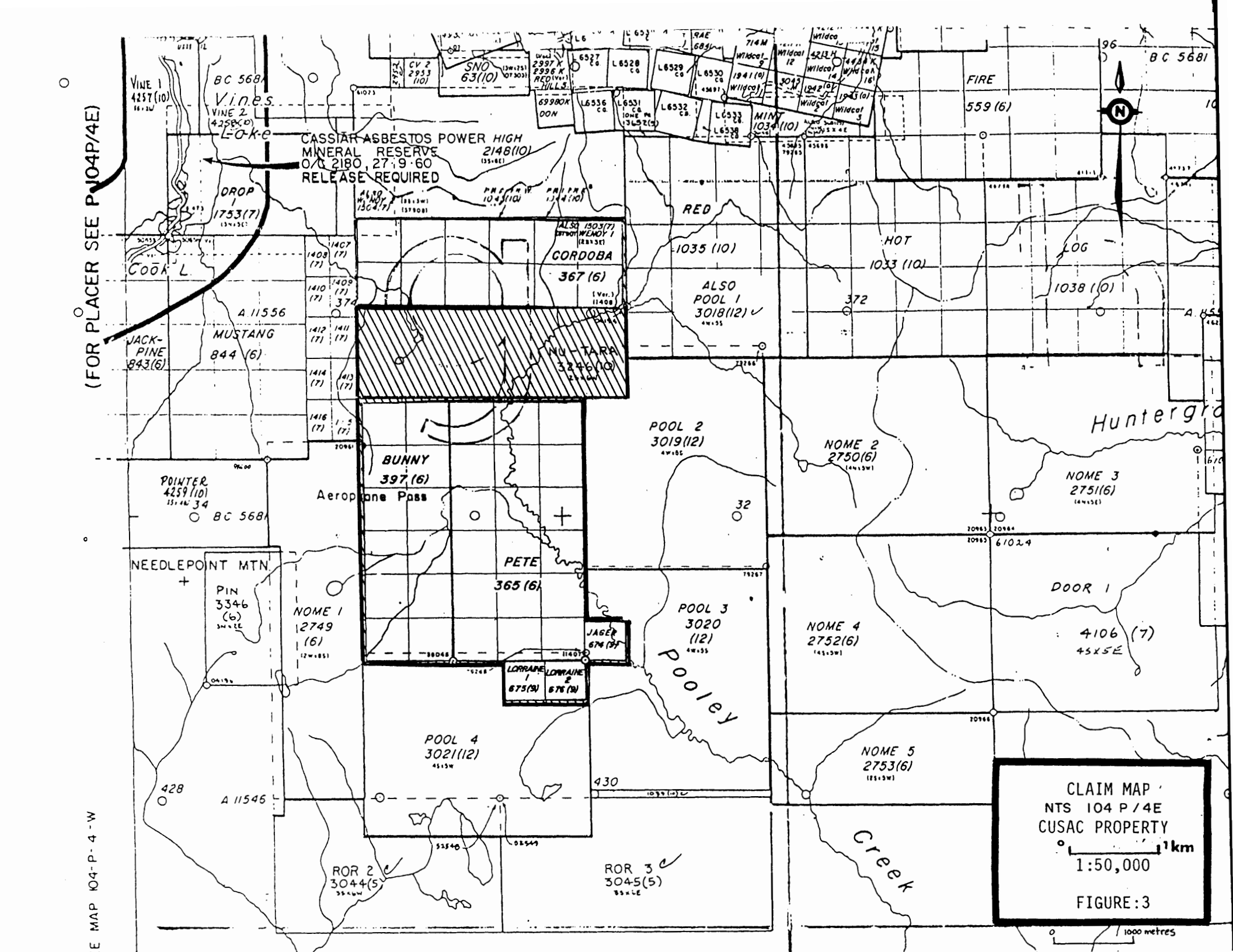


APPROX. SCALE 8km

CUSAC INDUSTRIES LIMITED

PROPERTY LOCATION MAP

FIGURE 2


(FOR PLACER SEE P 104P/4E)
VINE 1
4257(10)
VINE 2
4258(10)
V.I.N.E.S.
L-O-K-E
BC 5681
CASSIAR ASBESTOS POWER HIGH
MINERAL RESERVE
O/C 2180, 27-9-60
RELEASE REQUIRED
DROP 1
1753(7)
COOK L
JACK-PINE
843(6)
A 11556
MUSTANG
844 (6)
SNO
63(10)
2148(10)
CORDOBA
367 (6)
ALSO 1503(7)
WEMOY 1
RED
1035 (10)
HOT
1033 (10)
LOG
1038 (10)
ALSO
POOL 1
3018(12)
372
NU-TARA
3246(10)
POOL 2
3019(12)
NOME 2
2750(6)
NOME 3
2751(6)
Hunterg
BUNNY
397 (6)
POINTER
4259(10)
Aeroplane Pass
32
PETE
365 (6)
JAGER
674 (9)
LORRAINE 1
675(9)
LORRAINE 2
676 (9)
POOL 3
3020
(12)
Pooley
NOME 4
2752(6)
DOOR 1
4106 (7)
45x5E
NEEDLEPOINT MTN.
PIN
3346
(6)
NOME 1
2749
(6)
POOL 4
3021(12)
NOME 5
2753(6)
428
A 11546
430
ROR 2
3044(5)
ROR 3
3045(5)
Creek
FIRE
559 (6)
MINT
1034(10)
CLAIM MAP
NTS 104 P/4E
CUSAC PROPERTY
1km
1:50,000
FIGURE:3
1000 metres
E MAP 104-P-4-W

PHYSIOGRAPHY, GEOLOGY AND MINERALIZATION

The Table Mountain property is situated in mountainous terrain with low to moderate relief. Elevations range from 1150 meters to 1350 meters above sea level. Coniferous forest covers the most of the area, with the exception of Pooley creek. Pooley Creek is glacial U-shaped valley characterized by low relief, poor drainage, and swampy ground with abundant muskeg and willows inhabited by beaver and moose.

Overburden consists of glacial till and glacio-fluvial sediments ranging up to 25 meters in thickness. As a result, outcrop is poor in Pooley creek drainage. Where small hills are encountered thin surficial material masks outcrop and exposure is moderate.

The area described in this report is underlain by Upper Devonian to Late Triassic metamorphosed volcanic, sedimentar ultrabasic rocks of the Sylvester Group. The area lies on the west margin of the Sylvester allochthon, a deformed and fault bounded assemblage of oceanic crust which was emplaced between Late Triassic and mid-Cretaceous time (Harms et al, 1988). The allochthon overlies North American miogeoclinal rocks and is intruded by the mid to Late Cretaceous Cassiar batholith.

The strata on the property can be divided into three major units separated by thrusts. The lowermost unit consists of medium green coloured, aphanitic pillowed to massive metavolcanics and the upper unit is a black, graphitic argillite. Ultramafic rock occurs in lenses along the metavolcanic / metasediment thrust contact and is variably altered to listwanite. Metamorphic grade is subgreenschist, with local occurrence of pumpell actinolite assemblages. Upper greenschist to amphibolite facies rocks occur adjacent to granitic intrusions of the Cassiar batholith.

The claims straddle a major thrust fault within the Sylvester Group which separates black argillaceous metasedimentary rocks from an underlying package of metabasalt, pale green chert and tuffaceous chert. Listwanite or altered ultramafic rock commonly occurs along this thrust contact. A large (600 x 150 meter) exposure of listwanite occurs on the Pete claim. The thickness of listwanite varies up to a maximum of nearly 300 meters intersected in a 1987 drill hole on the Pete claim.

Gold and silver bearing quartz veins occupy steep dipping shear structures in the lower metavolcanic/chert package. Economic grades generally only occur within 25 meters of the top of veins, at the base of the listwanite. Veins horsetail where they intrude the listwanite and have never been seen appreciable gold in the overlying argillite. Almost all economic veins trend east-west to northeast-southwest and are associated with faults. Average vein width is commonly one to two meters, although locally veins reach widths of up to nine meters. Veins

locally veins reach widths of up to nine meters. Veins are frequently offset by oblique slip normal faults of various orientations, with true offset of as much as 50 meters.

Mineralogy of the gold bearing quartz veins commonly consists of multi-stage white and grey colored quartz with or without minor creamy colored dolomite. Common sulphide minerals pyrite, sphalerite, chalcopyrite, galena, tetrahedrite, and gold. Sulphides generally make up 0.5-5% of the vein and increase with gold content. An intense carbonate alteration envelope occurs around quartz veins and is typically approximately one meter wide in both the footwall and hangingwall. Alteration zones are controlled by fracture systems which were pre- or syn-faulting, and may or may not be associated with veins.

There are several hydrothermal alteration assemblages present in the area. The most common alteration consists of carbonate alteration of the volcanic rocks and is character ankerite-sericite-quartz +/- pyrite. It is restric discrete zones surrounding quartz veins, faults and joints. Less common alteration types are sericite, graphite, silica, clay and listwanite. Alteration of ultrabasic rocks to listwanite can be classified into the following progressively intense alteration assemblages:

a. serpentinite-carbonate
b. talc-carbonate
c. quartz-carbonate

PREVIOUS WORK

The area was first prospected in 1937 by Consolidated Mining and Smelting Co. of Canada, who completed a small prospecting, trenching and drilling program.

On what is now the Pete claim, a prospector named Pete Hamlin exposed auriferous quartz veins in trenches and two shallow shafts between 1942 and 1946.

The Cusac area was staked by Cusac Industries Ltd in 1977. Subsequent soil geochemistry, geophysics, trenching and diamond drilling conducted by Cusac revealed several gold bearing quartz veins. A total of 4,738 m in 79 diamond drill holes was completed by Cusac Industries on the property.

In 1979 Cusac Industries Ltd. conducted a small program of mapping, geochemistry, geophysics and drilling on the Pete claim. A road was built into the area and three holes were drilled in 1980 with no significant intersections. A small soil geochemical survey was conducted over favourable structures on the Pete claim in 1981.

what is now the NuTara claim. 586 tons of ore from an open pit on the Dino vein were processed in 1981 at the Erickson mill.

In 1982, underground development was driven by Cusac Industries including a crosscut, 300 feet of drift on vein, and a raise to surface on the Hot vein. Grades in the drift were poor, and increased only toward the top of the raise.

Erickson Gold Mining Corporation (EGMC) optioned the Cusac ground in 1984.

In 1985 EGMC discovered the Eileen vein on the NuTara claim through mapping and trenching. Definition drilling followed and resulted in an economic orebody which was then developed via underground decline. Ore production commenced during the summer of 1986. Underground mapping and drilling resulted in the discovery of the Michelle vein, which was produced via the Eileen workings, and a horsetail structure near surface which was produced via open pit. Reserves were depleted and production ceased in 1988.

In 1985 and 1986 Erickson conducted diamond drill trenching aimed at locating mineralized extensions of the Pete and Cabin veins.

Prospecting conducted in 1987 uncovered the Katherine vein and other smaller structures on the NuTara claim. The Katherine vein was the target of a subsequent percussion and diamond drilling program.

Underground diamond drilling from the Eileen workings at the end of 1987 discovered high grade quartz veins in the Michelle High Grade zone. Follow-up drilling from surface and underground could not effectively outline reserves. A crosscut to this zone was collared in the fall of 1988 and driven approximately 1.3 km. The development was halted in 1989, following the discovery of apparently more promising mineralization near surface.

Also in 1988, 1:5000 scale mapping and rock geochemistry were conducted to provide a framework to guide further exploration.

A test of geophysics was completed in 1988 in the Katherine vein area that included ground VLF electromagnetic, magnetic and induced polarization/resistivity techniques. The test surveys indicated the methods could indirectly assist exploration for ore bearing veins.

In 1989, Erickson Gold mining Corporation conducted an integrated program of backhoe trenching, geological mapping, geophysics and diamond drilling in the Cusac area. The results of this work were the discovery of the Heather and Bain veins. A small ore-grade mineral inventory was defined via trenching and drilling on these veins.

Additional geophysics, geochemistry and diamond drilling were conducted in 1990 and 1991 (Bain, Ball and Yip, 1991).

To date, a total of 49,160 meters in 455 diamond drill holes has been completed in the Cusac area to date, including the drilling described in this report.

SUMMARY OF DIAMOND DRILLING PERFORMED

Table 3. Drilling Summary

Hole	Northing	Easting	Elevation	Azimuth	Dip	Length
C93-1	60387.478	61037.282	1253.542	150	-45	42.4
C93-2	60387.478	61037.282	1253.542	150	-60	58.5
C93-3	60386.405	61057.998	1252.006	150	-45	36.3
C93-4	60386.405	61057.998	1252.006	150	-60	38.4
C93-5	60410.612	61093.936	1252.472	150	-45	37.3
C93-6	60438.558	61145.688	1249.659	150	-50	59.3
C93-7	60338.465	60730.420	1253.105	195	-45	107.9
C93-8	60455.747	60824.293	1254.891	146.7	-44.5	39.0
C93-9	60303.432	61033.080	1245.856	148.5	-50.8	148.5
C93-10	60343.810	60670.010	1266.353	139.7	-50.2	116.1
C93-11	60342.870	60669.240	1266.328	151.0	-51.3	123.7
C93-12	60341.840	60668.840	1266.330	168.4	-48.8	112.2
C93-13	60074.100	61001.510	1236.792	005.3	-42.3	167.6
C93-14	60339.710	60667.580	1266.212	181.5	-52.2	115.5
C93-15	60339.290	60666.850	1266.331	193.0	-45.5	111.3
C93-16	60338.920	60729.930	1253.142	174.0	-46.4	91.4
C93-17	60347.670	60757.640	1251.675	145.1	-45.2	83.5
						======
TOTAL METERS BQ DRILLING						1522.5

Diamond Drilling Target	# of Holes	Meters
Bain Vein	6	305.8
Exploratory holes	3	627.5
Bonanza Zone	8	589.2
	---	---
Total	17	1522.5

DESCRIPTION OF 1993 DIAMOND DRILLING PROGRAM

From May 23 to June 18, and July 20 to August 10, 1993, seventeen holes were drilled for a total of 1522.3 meters. The core was logged by M. Ball, M.Sc, P.Geo. The core was stored at the mine site in a newly constructed core rack. A summary of drill hole intersections is provided in Appendix I. Diamond drill hole collar locations and hole traces are shown on figures 6 and 7. Figures 9 and 10 are vertical longitudinal projections of the drill holes on the Bain vein West Zone and newly discovered Bonanza zone.

RESULTS AND INTERPRETATIONS

Bain Vein West Zone

Six holes were drilled to obtain better definition of the West Zone between sections 1033W and 1027W. This drilling confirmed the presence of average to high grade mineralizat demonstrated continuity of the vein. Vein widths up to 4.1 meters were intersected and visible gold was present in one of the six holes.

Exploratory Drill Holes

Diamond drill hole C93-8 was drilled to test pyrite bearing quartz that was previously excavated in a trench. The hole was also drilled to test the ground beneath a small siliceous sinter deposit discovered by surface prospecting. A 0.2 meter quartz intercept was obtained that assayed 0.039 ounce per ton gold and negligible silver. Also intersected was epithermal style pervasive carbonate and clay altered rock, cross cut by millimeter size dolomite and pyrite stringers.

Diamond drill hole C93-9 was drilled to test for a new vein parallel to and south of the Bain vein. The hole intersected a second listwanite horizon beneath a layer of volcanic rock, and at least two mafic dikes at shallow angles to the core. A 0.4 meter thick carbonate vein was intersected within mafic to ultramafic rock in the vicinity of the mafic dikes. The carbonate vein contains less than one percent disseminated fine-grained sphalerite, tetrahedrite and chalcopyrite. Carbonate altered rock adjacent to the carbonate vein contains one to two percent disseminated sulphides as well. No significant gold or silver assays were obtained from these intersections.

The carbonate vein and adjacent altered rock intersected in hole 9 is a mineralized structure that has a potential to host ore elsewhere. Disseminated sulphides in the carbonate vein and

adjacent wall rock indicate the structure is mineralized. The carbonate vein was intersected within a lower ultramafic to mafic rock horizon. The vein may overlie a quartz vein hosted in the underlying volcanic rocks.

Hole C93-13 was drilled to test a geophysical anomaly. The anomaly consisted of a large subsurface induced polarization chargeability high that was defined by a single line of close spaced Pole-dipole data collected in 1990. The data were processed using a new computer inversion program by Dr D. Oldenburg, Professor of Geophysics, Department of Geophysics and Astronomy, at the University of British Columbia. The anomaly was interpreted to lie between 45 and 85 meters target depth for hole 13, being centered at 60 meters.

Hole 13 collared in argillite and drilled into a mafic to ultramafic horizon beneath the argillite at 17.1 meters depth. This unit is interpreted to be an altered gabbro. At 43.0 meters depth, the hole intersected talc and carbonate altered ultramafic rock or listwanite. Intense talc alteration persisted to 91.3 meters depth and then gradually decreased in intensity down hole. The intense talc altered zone correlates with the chargeability anomaly. Dark green magnetite and asbestos bearing serpentinite was intersected at 110.0 meters. From 119.0 to 148.3 alteration increased within the ultramafic unit, grading to bright green, fuchsite-rich, silicified, pyritic listwanite at the base of the unit. Carbonate altered mafic volcanic rocks were intersected below the ultramafic unit that contain weakly mineralized quartz stringers. However, no significant gold or silver assays were obtained from these stringer zones. The hole passed out of altered rock into greenstone at depth.

Bonanza Zone

The Bonanza zone is a new discovery of high grade gold mineralization located west of the Bain vein. The discovery hole C93-7 was drilled to follow-up low grade mineralization intersected at depth in hole C93-330. Hole 7 intersected a 0.4 meter thick quartz vein that contained abundant (40 specks) of visible gold associated with disseminated to massive pyrite and disseminated sphalerite. This intersection assayed 0.4 meters @ 10.023, 1.30 ounce per ton gold, silver respectively. Quartz stringers in the footwall are also mineralized and assayed 0.3 meters @ 0.302, 013 ounce per ton gold, silver respectively. Additional alteration and quartz stringers were intersected beyond this vein that contain anomalous amounts gold.

Hole C93-10 was drilled to follow-up the intersection in hole 7. The intended azimuth of this hole was not obtained due to compass deviation caused by highly magnetic listwanite at surface. The hole passed below hole 7 and intersected zones of quartz stringers and two quartz veins at the approximate target depth. One 0.2 meter thick stringer was intersected that contains

disseminated sulphides and a sample of this stringer and adjacent wall rock assayed 0.4 meters @ 0.560, 0.11 ounce per ton gold, silver respectively. One of the quartz vein contained anomalous gold and assayed 0.069 ounce per ton gold.

Hole C93-11 was drilled approximately 10 meters west of holes 7 and 10. Hole 11 intersected quartz stringers and one quartz vein at the target depth. No significant assays were obtained.

Hole C93-12 was drilled approximately 20 meters west of hole 11. This hole intersected a 15.2 meter thick zone of intensely altered listwanite containing 10 to 30% pyrite and marcasite. No significant assays were obtained from this zone. However, two mineralized quartz veins were intersected further down hole. The first vein was intersected within listwanite and contained abundant visible gold (29 specks). It assayed 0.3 meters @ 14.515, 1.82 ounce per ton gold, silver respectively. The vein is associated with quartz stringer zones in the hangingwall and footwall that also contain visible gold and which assayed 0.3 meters @ 0.522, 0.08 and 0.115, 0.02 ounce per ton gold, silver respectively. The second vein was intersected 11 feet below the first and within altered volcanic rocks. This vein assayed 0.7 meters @ 0.694, 0.09 ounce per ton gold, silver respectively. The first 0.2 meters of the vein contained visible gold (5 specks) and assayed 2.400 ounce per ton gold.

A third quartz vein was intersected 60 feet further down hole 12. This veins assayed 0.3 meters @ 0.026, <0.02 ounce per ton gold, silver respectively. The hangingwall alteration assayed 0.2 meters @ 0.108, 0.04 ounce per ton gold, silver respectively.

Hole C93-14 was drilled west of hole 12 and intersected two weakly mineralized quartz veins approximately 20 meters west of the intersections in hole 12. No significant assays were obtained from either vein.

Hole C93-15 was drilled west of hole 14 and intersected one weakly mineralized quartz veins approximately 20 meters west of the lower intersection in hole 14. No significant assays were obtained from this vein.

Hole 16 was drilled east of hole 7 and intersected a mineralized quartz stringer approximately 20 meters east of the intersection in hole 7. This stringer contains visible gold and assayed 0.1 meters @ 4.317, 0.70 ounce per ton gold, silver respectively. Very low gold assays were obtained from the hanging wall and foot wall of this structure.

Hole 17 was drilled east of hole 16 and intersected one quartz vein and several weakly mineralized quartz stringers approximately 50 meters east of the intersection in hole 7. The highest assay obtained from this zone was the quartz vein which assayed 0.6 meters @ 0.052 ounce per ton gold.

CONCLUSIONS AND RECOMMENDATIONS

Bain Vein - West Zone

Prior to the 1993 drilling, ore reserves calculated for this zone were based on drill intercepts that were spaced up to 60 meters apart. The 1993 holes demonstrate continuity of the vein and mineralization in the main part of the ore zone. The absence of vein in hole 6 indicates that the vein pinches out at that locality. However, any decrease in ore tonnage that may be indicated by this hole is countered by increased represented by the 4.1 meter thick intersection in hole 3. Therefore no significant change is anticipated to the estimated reserve for the Bain west zone. No further dr recommended for this zone.

Exploratory Holes

The quartz stringer intersected in hole 8 could represent a significant vein structure. This structure should be followed to the west where it projects beneath listwanite.

Additional drilling may be considered along strike carbonate vein intersected in hole 9. Geochemical analyses are also recommended for the mineralized intercepts in hole 9 to test for anomalous metal concentrations.

The mineralized quartz stringers and extensive alte intersected near the base of the listwanite in hole C93-13 may lie proximal to a mineralized vein. Mineralized stringers are commonly closely associated with mineralized veins elsewhere in this camp. Hole 13 was drilled from south to north, which is not an orientation that is best suited to intersect the prominent vein orientation in this area. Thus, it is possible that hole 13 passed close to, and parallel with, a north dipping mineralized vein.

Bonanza Zone

The high grade gold mineralization intersected in holes 7 and 12 appears to be restricted to within 10 meters below the base of the listwanite and is discontinous. Hole 10 intersected the zone below this level and places a limit on the down dip extent of ore grade mineralization. Hole 11 passed through the potential high grade zone but intersected only quartz stringers. Nevertheless, the high abundance of visible gold in holes 7 and 12 indicated that follow-up drilling was warranted.

Holes 14 through 17 were therefore drilled to test for the presence of additional high grade mineralization. Hole 14 intersected the zone in excess of 10 meters below the base of the

listwanite and demonstrates continuity of structure. Hole 15 indicates the upper high grade vein is not continuous. Holes 16 and 17 demonstrate that the Bonanza structure extends to the east. There, the Bonanza structure lies in the footwall of the west extension of the Bain vein and is distinct from the Bain vein.

Thus, a zone of high grade gold mineralization has been defined by these holes. It is associated with a discontinous narrow quartz veins that extend approximately 150 meters in strike length. The mineralization is limited to less than 10 meters in dip length and 60 meters strike length.

The mineralization occurs within the northernmost of two parallel veins. The southern vein appears to be continuous but has not been tested for mineralization near the top of the vein. This second vein therefore has a potential to host a narrow mineralized zone that could extend further to the west. Additional drilling is warranted to test this possibility since the structure could extend a significant distance to the west beneath listwanite.

REFERENCES

Bain, J., Ball, M. and Yip, G., (1991): Geophysical, geological and diamond drilling report on exploration conducted in 1990 and 1991 in the CUSAC area, Erickson Gold Mine Property. Assessment Report.

Harms, T.A., Nelson, J.L., and Bradford, J.A. (1988): Geological Transect Across the Sylvester Allochthon North of the Blue River, Northern British Columbia (104 P/12), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1987, Paper 1988-1, pages 245-248.

COST STATEMENT

Diamond drilling:		
Total invoiced		$90,423
Total drilled 1522.5 meters	$90,423 / 1522.5 = $59.39/m ($18.10/ft)	
Fuel (Gasoline + Diesel)		$ 5,666
Bulldozer parts		$ 2,044
Core Storage		$ 500
Assays		
Au, Ag Fire Assays	168 @ $18.10	$ 3,041
Au geochemistry	19 @ $13.90	$ 264
Shipping		$ 500
Supplies		$ 122
Camp Accommodation		
food and supplies		$12,140
maintenance		$ 8,000
Travel		
5 return trips Vancouver - Watson Lake		$ 6,000
Geology		
Drill supervision 54 man days @ $350/day		$18,900
Report preparation		$ 2,600
GRAND TOTAL		**$150,200**

STATEMENT OF QUALIFICATIONS

I, Matt Ball, of 8125 Alder Lane, Whistler, British Columbia, do hereby certify that:

1) I hold a Master of Science degree obtained in 1984 from Queen's University, Kingston, Ontario.

2) I am a registered member of the Association of Professional Engineers and Geoscientists of the province of British Columbia.

3) I have been practicing my profession for the past 13 years.

4) I am employed by Cusac Industries Ltd. of 510 - 700 West Pender Street, Vancouver, British Columbia.

5) My report is based on work that I conducted and supervised.

7) I hold an incentive option to purchase securities in Cusac Industries Ltd.

Dated at Vancouver, B.C. on this 15th day of July, 1993.

Matt Ball, M.Sc., P.Geo.

Appendix I. Summary of Diamond Drill Intersections

HOLE	DIP	DEPTH (m)	WIDTH (m)	OZ/TON Au	COMMENT
C93-1	-45	38.2-39.5	(2.7)	1.076	VG,QV+Qstr
C93-2	-60	45.4-46.1	(0.7)	0.202	
C93-3	-45	27.7-31.8	(4.1)	0.316	
C93-4	-60	32.3-33.8	(1.5)	0.065 (includes 0.6m @ 0.136)	
C93-5	-45	40.6-41.0	(0.4)	0.124	
C93-6	-50	none		vein pinched out	
C93-7	-45	72.4-73.1	(0.7)	5.857	VG, QV+Qstr
C93-8	-45	15.8-16.0	(0.2)	0.039	Qstr, py
C93-9	-50	96.2-96.6	(0.4)	<0.001	Carb. vein
C93-10	-50	95.0-95.4	(0.4)	0.560	Qstr zn
C93-11	-51	106.3-106.7	(0.4)	<0.001	QV
C93-12	-48	84.0-84.9	(0.9)	5.051	QV+Qstr zn
		87.7-88.4	(0.7)	0.690	QV #2
		106.2-106.5	(0.2)	0.108	Qstr zn
C93-13	-42	149.3-150.5	(1.2)	0.001	Qstr zn
		152.2-152.4	(0.2)	0.008	Qstr, sp,py
C93-14	-52	94.0-94.5	(0.5)	0.004	QV
		111.3-111.9	(0.6)	0.004	QV
C93-15	-45	108.5-109.0	(0.5)	<0.001	QV
C93-16	-46	69.6-69.7	(0.1)	4.317	Qstr VG
C93-17	-45	67.4-68.0	(0.6)	0.052	QV
		68.5-69.8	(1.3)	0.020	Qstr zn
		73.3-75.4	(2.1)		Qstr zn
		78.1-78.8	(0.7)	0.007	Qstr zn

APPENDIX II Analytical Procedures

June 28, 1993

Descriptions of fire assay with A.A. finish methods.

PROCEDURE FOR ASSAY AU ANALYSIS

FIRE ASSAY PROCEDURE:

A prepared sample of one assay ton (29.166 grams) is mixed with a flux which is composed mainly of lead oxide. The proportions of the flux components (the litharge, soda, silica, borax glass, and flour) are adjusted depending upon the nature of the sample. Silver is added to help collect the gold. The samples are fused at 1950 F until a clear melt is obtained. The 30-40 gram lead button that is produced contains the precious metals. It is then separated from the slag. Heating in the cupellation furnace separates the lead from the noble metals. The precious metal beads that are produced are transferred to test tubes and dissolved with aqua-regia. This solution is analyzed using Atomic Absorption by comparing the absorbance of these solutions with that of standard solutions. In the case of high grade samples, greater than 0.300 OPT, the precious metal bead is parted in dilute HNO3 acid to dissolve the silver and the remaining gold is weighed.

COMMENTS:

As part of our routine quality control we run a duplicate analysis for 2 out of each batch of 24 as well as a standard. These total about 12% of the samples. Also, all samples which are over 0.30 OPT on the original fusion are run again to verify the results. If a sample gives erratic results, such as 0.10, 0.020, 0.30, we will indicate this on the report. We suggest that a new split should be taken from the reject for preparation and analysis by our metallics sieve procedure. Certified standards and in house pulp standards as well as synthetic solution standards are run with each report or batch of samples.

FIRE ASSAY AU/AG BY PRECIOUS METAL COLLECTION A.A. FINISH

The collector retards the loss of Ag during the cupellation stage of fire assay. The collector is added to the samples after the sample and the fluxes are mixed and prior to the fusion of the samples. The samples are treated as usual except for the addition of the collector. After fusion and cupellation the resultant beads are digested and then run be A.A. The advantage to using this method is better accuracy on the low level Ag. The disadvantage is that if there is high Ag then the sample will have to be rerun to get a number. The Ag will start to precipitate out of the solution once the concentration level reaches over 1 Mg of Ag in 10 mls.

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Procedure for Geochemical Gold Analysis:

A prepared sample of 10 to 30 grams is mixed with a flux which is composed mainly of lead oxide. The proportions of the flux components are adjusted depending on the nature of the sample. Silver is added to help collect the gold. The samples are fused at 1950 F until a clear melt is obtained. The lead button which also contains the precious metals is then separated from the slag. Heating in the cupellation furnace separates the lead from the noble metals. The precious metal beads that remain are transferred to test tubes and dissolved with aqua-regia. The solution is analyzed using Atomic Absorption or a Plasma Emission Spectrograph by comparing the readings of these solutions with readings of standard solutions.

Contamination Prevention

The test tubes and cupels are used only once so that there is no possibility of cross contamination. The fusion crucibles are cleared before re-use by discarding any which had high samples in them. During the analysis a blank solution is run between each sample to ensure that there is no carry-over.

APPENDIX III Analytical Certificates

BONDAR-CLEGG

Certificate of Analysis

Inchcape Testing Services

REPORT: V93-00508.4 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN DATE PRINTED: 8-JUN-93

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	30	0.001 OPT		FA PALLADIUM COLL.
2	AG	SILVER	30	0.02 OPT		FA PALLADIUM COLL.

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	30	2 -150	30	CRUSH/SPLIT & PULV.	30

NOTES: & indicates Erratic Result

REPORT COPIES TO: MR. G. BRETT

INVOICE TO: MR. G. BRETT

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Inchcape Testing Services

DATE PRINTED: 8-JUN-93

REPORT: V93-00508.4 (COMPLETE) PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	AG OPT
D2 E32051		0.008	<0.02
D2 E32052		0.494	0.14
D2 E32053		1.064&	0.24
D2 E32054		1.257	0.33
D2 E32055		2.096	0.35
D2 E32056		0.375	0.09
D2 E32057		0.029	0.03
D2 E32058		0.214	0.03
D2 E32059		0.005	<0.02
D2 E32060		0.613	0.11
D2 E32061		0.037	0.03
D2 E32062		0.076	0.04
D2 E32063		0.026	0.02
D2 E32064		0.206	0.25
D2 E32065		0.238	0.96
D2 E32066		0.106	0.40
D2 E32067		2.302	2.97
D2 E32068		0.039	1.09
D2 E32069		0.034	0.78
D2 E32070		0.009	0.32
D2 E32071		0.045	0.03
D2 E32072		0.017	<0.02
D2 E32073		0.052	0.07
D2 E32074		0.064	0.02
D2 E32075		0.038	0.16
D2 E32076		0.008	0.28
D2 E32077		0.136	0.23
D2 E32078		0.013	0.02
D2 E32079		0.040	0.03
D2 E32080		0.006	<0.02

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REPORT: V93-00508.4 (COMPLETE) PROJECT: TABLE MOUNTAIN

STANDARD NAME	ELEMENT UNITS	Au OPT	AG OPT
FA SYNTHETIC STD		0.099	0.49
Number of Analyses		1	1
Mean Value		0.0987	0.487
Standard Deviation		-	-
Accepted Value		0.100	0.50
ANALYTICAL BLANK		<0.001	<0.02
Number of Analyses		1	1
Mean Value		0.0005	0.010
Standard Deviation		-	-
Accepted Value		0.002	0.02

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT	AG OPT
E32056		0.375	0.09
Duplicate		0.364	0.08
E32068		0.039	1.09
Duplicate		0.034	1.09
E32079		0.040	0.03
Duplicate		0.039	0.03

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REPORT: V93-00517.4 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN DATE PRINTED: 11-JUN-93

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold (Grav.)	8	0.005 OPT		
2	Ag	Silver (Grav.)	8	0.02 OPT		FIRE ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	8	2 -150	8	CRUSH/SPLIT & PULV.	8

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REPORT: V93-00517.4 (COMPLETE)

PROJECT: TABLE MOUNTAIN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 E32081		<0.005	<0.02
R2 E32082		<0.005	<0.02
R2 E32083		<0.005	<0.02
R2 E32084		<0.005	<0.02
R2 E32085		0.124	0.39
R2 E32086		0.064	<0.02
R2 E32087		<0.005	<0.02
R2 E32088		0.288	0.28

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REPORT: V93-00517.4 (COMPLETE) PROJECT: TABLE MOUNTAIN

STANDARD NAME	ELEMENT UNITS	Au OPT	Ag OPT
OTT TOR DUST STD		<0.005	0.13
Number of Analyses		1	1
Mean Value		0.0025	0.126
Standard Deviation		-	-
Accepted Value		-	-

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
E32086		0.064	<0.02
Duplicate		0.062	<0.02

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REPORT: V93-00545.4 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL
PROJECT: TABLE MOUNTAIN DATE PRINTED: 21-JUN-93

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	16	0.001 OPT		FA PALLADIUM COLL.
2	Ag	Silver	16	0.02 OPT		FA PALLADIUM COLL.

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	16	2 -150	16	CRUSH/SPLIT & PULV.	16

NOTES: # indicates POSSIBLE FREE GOLD

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PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 32089		0.007	<0.02
R2 32090		0.007	<0.02
R2 32091		0.004	<0.02
R2 32092		0.064	0.13
R2 32093		0.022	0.03
R2 32094		0.025	0.02
R2 32095		10.023#	1.30
R2 32096		0.302	0.13
R2 32097		0.054	<0.02
R2 32098		0.023	0.02
R2 32099		0.056	0.04
R2 32100		0.003	<0.02
R2 33701		0.002	<0.02
R2 33702		0.001	0.02
R2 33703		0.014	0.04
R2 33704		0.039	0.06

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REPORT: V93-00545.4 (COMPLETE) PROJECT: TABLE MOUNTAIN PAGE 2

STANDARD NAME	ELEMENT UNITS	Au OPT	Ag OPT
ANALYTICAL BLANK		<0.001	<0.02
Number of Analyses		1	1
Mean Value		0.0005	0.010
Standard Deviation		-	-
Accepted Value		0.002	0.02

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
32094		0.025	0.02
Prep Duplicate		0.021	<0.02
Duplicate		0.022	0.02

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REPORT: V93-00592.4 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN DATE PRINTED: 28-JUN-93

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	78	0.001 OPT		FA PALLADIUM COLL.
2	Ag	Silver	78	0.02 OPT		FA PALLADIUM COLL.

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	78	2 -150	78	CRUSH/SPLIT & PULV.	78

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DATE PRINTED: 28-JUN-93

PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 33602		0.003	<0.02
R2 33603		0.006	<0.02
R2 33604		<0.001	<0.02
R2 33605		<0.001	<0.02
R2 33606		<0.001	<0.02
R2 33607		<0.001	<0.02
R2 33608		<0.001	<0.02
R2 33609		0.002	<0.02
R2 33610		<0.001	0.04
R2 33611		<0.001	<0.02
R2 33612		<0.001	<0.02
R2 33613		0.002	<0.02
R2 33614		<0.001	<0.02
R2 33615		0.002	<0.02
R2 33616		0.002	<0.02
R2 33617		0.002	<0.02
R2 33618		0.002	<0.02
R2 33619		0.001	<0.02
R2 33620		0.002	<0.02
R2 33621		<0.001	<0.02
R2 33622		0.002	<0.02
R2 33623		<0.001	<0.02
R2 33624		<0.001	<0.02
R2 33625		0.522	0.08
R2 33626		14.515	1.82
R2 33627		0.115	0.02
R2 33628		0.086	<0.02
R2 33629		2.400	0.32
R2 33630		0.012	<0.02
R2 33631		<0.001	<0.02
R2 33632		0.108	0.04
R2 33633		0.026	<0.02
R2 33705		<0.001	<0.02
R2 33706		<0.001	<0.02
R2 33707		<0.001	<0.02
R2 33708		<0.001	<0.02
R2 33709		<0.001	<0.02
R2 33710		<0.001	<0.02
R2 33711		0.003	<0.02
R2 33712		<0.001	<0.02
R2 33713		0.001	<0.02
R2 33714		0.002	<0.02
R2 33715		0.001	<0.02
R2 33716		<0.001	<0.02
R2 33717		<0.001	<0.02
R2 33718		<0.001	<0.02
R2 33719		<0.001	<0.02
R2 33720		<0.001	<0.02
R2 33721		<0.001	<0.02
R2 33722		<0.001	<0.02
R2 33723		<0.001	0.02
R2 33724		0.038	0.02
R2 33725		0.004	<0.02
R2 33726		0.046	0.03
R2 33727		0.596	0.11
R2 33728		<0.001	<0.02
R2 33729		0.069	<0.02
R2 33730		0.038	<0.02
R2 33731		<0.001	<0.02
R2 33732		0.004	<0.02
R2 33733		0.005	<0.02
R2 33734		0.004	<0.02
R2 33735		0.002	<0.02
R2 33736		0.005	<0.02
R2 33737		0.006	<0.02
R2 33738		0.006	<0.02
R2 33739		0.005	<0.02
R2 33740		0.004	<0.02
R2 33741		0.004	<0.02
R2 33742		0.002	<0.02
R2 33743		0.028	<0.02
R2 33744		0.003	<0.02
R2 33745		0.009	<0.02
R2 33746		0.028	0.02
R2 33747		<0.001	<0.02
R2 33748		0.002	<0.02
R2 33749		<0.001	<0.02
R2 33750		0.003	0.02

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Certificate of Analysis

Inchcape Testing Services

DATE PRINTED: 28-JUN-93

REPORT: V93-00592.4 (COMPLETE) PROJECT: TABLE MOUNTAIN

STANDARD NAME	ELEMENT UNITS	Au OPT	Ag OPT	STANDARD NAME	ELEMENT UNITS	Au OPT	Ag OPT
FA SYNTHETIC STD		0.051	0.24				
Number of Analyses		1	1				
Mean Value		0.0511	0.237				
Standard Deviation		-	-				
Accepted Value		0.050	0.25				
1991 AU STD-2		0.002	0.03				
Number of Analyses		1	1				
Mean Value		0.0022	0.030				
Standard Deviation		-	-				
Accepted Value		0.002	-				
FA SYNTHETIC STD		0.103	0.46				
Number of Analyses		1	1				
Mean Value		0.1026	0.460				
Standard Deviation		-	-				
Accepted Value		0.100	0.50				
ANALYTICAL BLANK		<0.001	<0.02				
Number of Analyses		1	1				
Mean Value		0.0005	0.010				
Standard Deviation		-	-				
Accepted Value		0.002	0.02				

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
33607		<0.001	<0.02				
Duplicate		<0.001	<0.02				
33614		<0.001	<0.02				
Prep Duplicate		<0.002	<0.02				
33619		0.001	<0.02				
Duplicate		0.001	<0.02				
33630		0.012	<0.02				
Duplicate		0.013	<0.02				
33712		<0.001	<0.02				
Duplicate		<0.001	<0.02				
33723		<0.001	0.02				
Duplicate		<0.001	0.03				
33729		0.069	<0.02				
Prep Duplicate		<0.001	<0.02				
33735		0.002	<0.02				
Duplicate		0.002	<0.02				
33746		0.028	0.02				
Duplicate		0.024	0.02				

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Geochemical Lab Report

Inchcape Testing Services

CUSAC INDUSTRIES LTD.
510-700 WEST PENDER ST.
VANCOUVER, B.C.
V6C 1G8

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Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00592.0 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN DATE PRINTED: 21-JUL-93

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	4	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	4	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

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Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00592.0 (COMPLETE)

REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD.

PROJECT: TABLE MOUNTAIN

SUBMITTED BY: M. BALL

DATE PRINTED: 21-JUL-93

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	4	2 -150	4	SAMPLES FROM STORAGE	4

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INVOICE TO: ATTN: M. SADD

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Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 21-JUL-93

REPORT: V93-00592.0 (COMPLETE) PROJECT: TABLE MOUNTAIN PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 33705		<5	<0.2	15	6	51	<1	57	23	<1.0	10	<5
R2 33706		11	<0.2	160	10	64	1	83	29	<1.0	10	11
R2 33707		12	<0.2	7	9	36	<1	95	15	<1.0	8	<5
R2 33708		<5	<0.2	44	8	52	<1	90	29	<1.0	10	<5

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DATE PRINTED: 21-JUL-93

REPORT: V93-00592.0 (COMPLETE) PROJECT: TABLE MOUNTAIN PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 33705		<5	3.44	1320	<10	37	48	25	<20	<20	<1	0.31
R2 33706		<5	3.55	1377	<10	30	62	24	<20	<20	<1	0.23
R2 33707		<5	2.69	1504	<10	26	20	23	<20	<20	<1	0.15
R2 33708		<5	3.63	1410	<10	22	50	33	<20	<20	<1	0.24

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Geochemical Lab Report

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REPORT: V93-00592.0 (COMPLETE)

DATE PRINTED: 21-JUL-93

PROJECT: TABLE MOUNTAIN PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
33707		<5	2.69	1504	<10	26	20	23	<20	<20	<1	0.15
Duplicate		<5	2.62	1479	<10	27	20	23	<20	<20	<1	0.15

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DATE PRINTED: 21-JUL-93

REPORT: V93-00592.0 (COMPLETE) PROJECT: TABLE MOUNTAIN PAGE 3C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
33707		6.41	>10.00	0.01	0.09	289	<1
Duplicate		6.28	>10.00	0.01	0.09	285	<1

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SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 33705		4.44	>10.00	0.01	0.14	114	2
R2 33706		4.99	>10.00	0.01	0.12	122	3
R2 33707		6.41	>10.00	0.01	0.09	289	<1
R2 33708		5.00	>10.00	0.01	0.11	139	5

10 grams F.A. = $8.10

30 " " = $9.65

recommend do not geochem Au - Aqua Regia on high sulphide rock samples.

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Geochemical Lab Report

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DATE PRINTED: 21-JUL-93

REPORT: V93-00592.0 (COMPLETE) PROJECT: TABLE MOUNTAIN PAGE 2A

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
ANALYTICAL BLANK		<5	<0.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1
Mean Value		2.5	0.10	0.5	1.0	0.5	0.5	0.5	0.5	0.50	2.5	2.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5
GEO TRACE STD1(1989)		-	30.3	182	17	51	15	14	9	<1.0	-	13
Number of Analyses		-	1	1	1	1	1	1	1	1	-	1
Mean Value		-	30.31	182.5	16.7	50.8	15.2	14.5	8.8	0.50	-	12.7
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	190	15	62	17	14	7	0.2	1	8

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Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00592.0 (COMPLETE)

DATE PRINTED: 21-JUL-93

PROJECT: TABLE MOUNTAIN PAGE 2B

STANDARD NAME	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
ANALYTICAL BLANK		<5	<0.01	<1	<10	<2	<1	<1	<20	<20	<1	<0.01
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1
Mean Value		2.5	0.005	0.5	5.0	1.0	0.5	0.5	10.0	10.0	0.5	0.005
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.01	1	10	2	1	1	20	20	1	0.01
GEO TRACE STD1(1989)		<5	3.40	431	<10	66	82	85	<20	<20	4	2.46
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1
Mean Value		2.5	3.399	431.0	5.0	65.7	82.0	85.3	10.0	10.0	3.5	2.457
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	4.50	500	-	74	89	90	-	2	4	2.75

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REPORT: V93-00592.0 (COMPLETE)

DATE PRINTED: 21-JUL-93

PROJECT: TABLE MOUNTAIN PAGE 2C

STANDARD NAME	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
ANALYTICAL BLANK		<0.01	<0.01	<0.01	<0.01	<1	<1
Number of Analyses		1	1	1	1	1	1
Mean Value		0.005	0.005	0.005	0.005	0.5	0.5
Standard Deviation		-	-	-	-	-	-
Accepted Value		0.01	0.01	0.01	0.01	1	1
GEO TRACE STD1(1989)		1.06	0.64	0.06	0.11	61	5
Number of Analyses		1	1	1	1	1	1
Mean Value		1.063	0.642	0.056	0.111	60.6	4.6
Standard Deviation		-	-	-	-	-	-
Accepted Value		1.21	0.76	0.06	0.13	63	8

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Geochemical Lab Report

Inchcape Testing Services

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REPORT: V93-00592.0 (COMPLETE) PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
33707		12	<0.2	7	9	36	<1	95	15	<1.0	8	<5
Duplicate			<0.2	8	7	34	<1	93	14	<1.0		

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Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00820.1 (COMPLETE)

REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD.

SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN

DATE PRINTED: 25-AUG-93

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	1	2 -150	1	CRUSH/SPLIT & PULV.	1

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DATE PRINTED: 25-AUG-93

REPORT: V93-00820.1 (COMPLETE) PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
D2 33670		27

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REPORT: V93-00820.1 (COMPLETE)

DATE PRINTED: 25-AUG-93

PROJECT: TABLE MOUNTAIN PAGE 2

STANDARD NAME	ELEMENT UNITS	Au PPB
LOW AU STANDARD		15
Number of Analyses		1
Mean Value		15.0
Standard Deviation		-
Accepted Value		17

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB
33670		27
Duplicate		27

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Geochemical Lab Report

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REPORT: V93-00820.0 (COMPLETE)

REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD.

SUBMITTED BY: M. BALL

PROJECT: TABLE MOUNTAIN

DATE PRINTED: 26-AUG-93

	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au Gold	19	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	19	2 -150	19	CRUSH/SPLIT & PULV.	19

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Geochemical Lab Report

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REPORT: V93-00820.0 (COMPLETE)

DATE PRINTED: 26-AUG-93
PROJECT: TABLE MOUNTAIN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
33634		143
33635		13
33636		105
33637		5
33638		13
33639		10
33671		115
33672		70
33673		180
33674		43
33675		91
33676		58
33677		54
33678		102
33679		61
33680		39
33681		129
33682		32
33685		14

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REPORT: V93-00820.0 (COMPLETE)

DATE PRINTED: 26-AUG-93

PROJECT: TABLE MOUNTAIN

STANDARD NAME	ELEMENT Au UNITS PPB
LOW AU STANDARD	19
Number of Analyses	1
Mean Value	19
Standard Deviation	-
Accepted Value	17

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Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00820.0 (COMPLETE)

DATE PRINTED: 26-AUG-93

PROJECT: TABLE MOUNTAIN PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
33634		143
Duplicate		140
33681		129
Prep Duplicate		153

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Certificate of Analysis

Inchcape Testing Services

REPORT: V93-00821.4 (COMPLETE) REFERENCE:

CLIENT: CUSAC INDUSTRIES LTD. SUBMITTED BY: M. BALL
PROJECT: TABLE MOUNTAIN DATE PRINTED: 27-AUG-93

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	36	0.001 OPT		FA PALLADIUM COLL.
2	Au	Gold (Grav.)	1	0.005 OPT		
3	Ag	Silver	36	0.02 OPT		FA PALLADIUM COLL.

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	36	2 -150	36	CRUSH/SPLIT & PULV.	36

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REPORT: V93-00821.4 (COMPLETE)

DATE PRINTED: 27-AUG-93

PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Ag OPT
D2 33640		0.012		<0.02
D2 33641		0.052		0.02
D2 33642		0.027		0.05
D2 33643		0.021		<0.02
D2 33644		0.018		<0.02
D2 33645		0.015		<0.02
D2 33646		0.007		<0.02
D2 33657		<0.001		<0.02
D2 33658		0.006		<0.02
D2 33659		0.004		<0.02
D2 33660		0.002		<0.02
D2 33661		0.002		<0.02
D2 33662		0.002		<0.02
D2 33663		<0.001		<0.02
D2 33664		0.002		<0.02
D2 33665		<0.001		<0.02
D2 33666		<0.001		<0.02
D2 33667		<0.001		<0.02
D2 33668		0.008		<0.02
D2 33669		0.001		<0.02
D2 33683		0.007		<0.02
D2 33684		0.002		<0.02
D2 33686		0.007		<0.02
D2 33687		0.004		<0.02
D2 33688		0.003		<0.02
D2 33689		0.002		<0.02
D2 33690		0.004		<0.02
D2 33691		0.012		0.16
D2 33692		0.002		<0.02
D2 33693		0.005		<0.02
D2 33694		0.078		0.02
D2 33695		<0.001		<0.02
D2 33696		<0.001		<0.02
D2 33697		0.035		<0.02
D2 33698		>1.000	4.317	0.70
D2 33699		0.016		0.02

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STANDARD NAME	ELEMENT UNITS	Au OPT	Au OPT	Ag OPT
ANALYTICAL BLANK		<0.001	-	<0.02
Number of Analyses		1	-	1
Mean Value		0.0005	-	0.010
Standard Deviation		-	-	-
Accepted Value		-	<0.001	0.02
FA SYNTHETIC STD		0.048	-	0.32
Number of Analyses		1	-	1
Mean Value		0.0482	-	0.318
Standard Deviation		-	-	-
Accepted Value		0.050	0.050	0.25

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DATE PRINTED: 27-AUG-93

REPORT: V93-00821.4 (COMPLETE) PROJECT: TABLE MOUNTAIN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Ag OPT
33645		0.015		<0.02
Duplicate		0.015		<0.02
33667		<0.001		<0.02
Duplicate		<0.001		<0.02
33692		0.002		<0.02
Duplicate		0.003		<0.02
33695		<0.001		<0.02
Prep Duplicate		<0.001		<0.02

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APPENDIX IV Diamond Drill Logs

DDH No..... C93-1
NORTHING... 6560387.460
EASTING.... 461037.280
ELEVATION.. 1253.54
BASELINE... HOT
TOTAL HORZ 29.9811
TOTAL VERT -29.9812

				LONGITUDINAL PLOT			
	PLAN PLOT				SECTION PLOT		
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	150.00	-45.00	0.00	1253.54	1018.73 S	1033.0 W	0.59 W	COLLAR
36.60	150.00	-45.00	25.88	1227.66	1044.61 S	1033.0 W	0.59 W	HW->DIKE
38.20	150.00	-45.00	27.01	1226.53	1045.74 S	1033.0 W	0.59 W	FW->DIKE
38.20	150.00	-45.00	27.01	1226.53	1045.74 S	1033.0 W	0.59 W	HW->QV VG
39.50	150.00	-45.00	27.93	1225.61	1046.66 S	1033.0 W	0.59 W	FW->QV VG
39.50	150.00	-45.00	27.93	1225.61	1046.66 S	1033.0 W	0.59 W	HW->QSIR ZN
40.90	150.00	-45.00	28.92	1224.62	1047.65 S	1033.0 W	0.59 W	FW->QSIR ZN
42.40	0.00	0.00	29.98	1223.56	1048.71 S	1033.0 W	0.59 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT CUSAC BAIN WEST ZONE	**GROUND ELEV.** 1253.542
HOLE No. C93-1	**BEARING** 150°
LOCATION 60887.478 N 61037.282 E	**DIP** -45° **TOTAL LENGTH** 42.4 m
LOGGED BY M. BALL	**HORIZONTAL PROJECT** 30.0
DATE MAY 23, 1993	**VERTICAL PROJECT** 30.0
CONTRACTOR DJ DRILLING	**ALTERATION SCALE**
CORE SIZE BQ	absent slight moderate intense
DATE STARTED MAY 21/93	**TOTAL SULPHIDE SCALE**
DATE COMPLETED MAY 22/93	traces only < 1% 1% – 3% 3% – 10% > 10%
DIP TESTS NONE	

COMMENTS

BAIN VEIN 38.2 - 39.5, (1.3m), 70-75° TCA

1-3% combined Sp > py > cp, 10 grains VG

0.904, 0.22

FW QSTR ZN 39.5 - 40.9 (1.4m) 1.236, 0.22

1-3% Sp > py > cpy > gn > ##

6 grains VG *

LEGEND

* } 2.7m 1.076, 0.22

PAGE 1 OF 6 | PROJECT: CUSAC - BAIN WEST ZONE | HOLE No. C93-1

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	Chl	Ca
5.0				0.0 - 7.8 CASING								
		5C		7.8 - 15.8 Greenstone, med green, chl-ca wisps, x-cut by epidote veinlets <1cm, x-cut by calcite veinlets & mostly mm-scale but local Cc veins <1cm., local pervasive hematite stain (@14m), banded in part, weak pervasive Cc. THIS SECTION IS A PROPYLLITIC STOCKWORK.								
10.0												
15.0				15.8 - 19.6 buff, carbonate altd zone, mod to intense dolomite, minor relict chlorite patches, fg. pyrite coats fractures, 1 in mm-size veins, most intense altn around 2cm white qz-cb stringer @ 190., few qz-cb strgs w/ sericite patches.								
20.0				19.6 - 36.1 greenstone, med grn, abund ep veinlets to 24.5, abund stockwk chl+Ca veinlets no hem, banded // to core locally, chl on fract.								
30												

PAGE 2 OF 6 | PROJECT: CUSAC | HOLE No. C93-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
15.8-19.6 Fine-grained pyrite disseminations (1%) & in fractures & minor veinlets	//									

PAGE 3 OF 6 | PROJECT: CUSAC | HOLE No. C93-1

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
30		Scb		19.6-36.1 Greenstone (cont'd)						
35		Scb		36.1-36.6 buff to lime green, carbonate alt'd zone, dissem fg to m.g pyrite, sericite-rich veins/wisps, mm-scale qtz veinlets w/ pyrite.						
		10a		36.6-38.2 MAFIC DIKE dark green initial 10 cm is buff chl-cb alt'd rest is feldspar-porphyritic w/ 0.5-1 cm feldspar phenos ~ 2% in a fine-grained mtx of leucocene-augite, + possible amygdules., FW 20 cm is cb-alt'd.						
40				38.2-39.5 BAIN VEIN.						

PAGE 4 OF 6 | PROJECT: CUS 4C ✓ | HOLE No. C93-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% oz/ton Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
36.1 - 36.6 dissem & fract & veinlet fine to med, grn py 3-5%			0.5	32051	0.008	<0.02				
38.2 - 39.5 (1.3m) 75° TCA										
38.2 - 38.7 Vein Breccia: angular clasts of alt'd volc <1cm grade to 3cm at HW, 5%, also diffuse, grey qtz clasts same size & abund, v. few stylolitic bands, 80% white qtz w/ dissem m.g. - c.g. sph > py > cp ~3% & specks V.G., rem qtz veinlets cut vn + clasts			0.5	32052	0.494	0.14				
38.7 - 39.05 banded & breccia textd grey + white qtz, grey qtz cut by white qtz bands of qtz qtz clasts in white qtz, x-cut by mm-size clasts grey qtz, few stylolites lined w/ f.g. py, minor dissem f.g. sph 5 specks V.G., TR cpy,			0.4	32053	1.064	0.24	1.3m @	0.904,		0.23
39.05 - 39.5 white >> grey qtz, weakly banded, few cm-size wall rock clasts,			0.4	32054	1.257	0.33				

PAGE 5 OF 6 | PROJECT: C93-1 CUEAC | HOLE No. C93-1

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
		SCb		39.5-40.8 Qtz Stringer Zone, buff to pale green, chl-cb alt'd wkc, x-cut by <3cm qtz stg's & vein bx, 45° TCA very minor relict chl on fract. qtz stringers contain white cb.?-No fuchsite or albite?								
				40.8-41.7 green to buff chl + carb alt'n chl on fract & in vein lets x-cut by <0.5 mm white qtz + carb (albite?) veinlets (2%)								
				41.7-42.4 med green, chl alt'd, mylonitic foliation 25° TCA defined by chl+epidote rich bands, local hematite								
				42.4 EOH								
				M. Ball								

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 PROJECT: CUSAC HOLE No. C93-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ oz/ton Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
39.05-39.5 (cont'd) few micro vngs, disem f.g. sph > py > cp > tt										
1 speck V.G. FW 70° TCA.										2.7m @
										1.076
39.5-40.9 (1.4m)										
1-3% disem sph > py > cpy > galena										
+ 6 speck VG in qtz stringers										
trace tetrahedrite										
39.5-40.2			0.7	32055	2.096	0.35	1.4m	@	1.236, 0.22	
40.2-40.9			0.7	32056	0.375	0.09		dupl	0.364, 0.08	

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

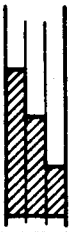
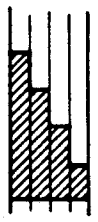
DDH No..... C93-2
NORTHING... 6560387.460
EASTING.... 461037.280
ELEVATION.. 1253.54
BASELINE... HOT
TOTAL HORZ 29.2495
TOTAL VERT -50.66236

	PLAN PLOT			LONGITUDINAL PLOT				
					SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	150.00	-60.00	0.00	1253.54	1018.73 S	1033.0 W	0.59 W	COLLAR
45.40	150.00	-60.00	22.70	1214.22	1041.43 S	1033.0 W	0.59 W	HW->QV BAIN
46.10	150.00	-60.00	23.05	1213.62	1041.78 S	1033.0 W	0.59 W	HW->DIKE
46.10	150.00	-60.00	23.05	1213.62	1041.78 S	1033.0 W	0.59 W	FW->QV BAIN
48.40	150.00	-60.00	24.20	1211.62	1042.93 S	1033.0 W	0.59 W	FW->DIKE
48.40	150.00	-60.00	24.20	1211.62	1042.93 S	1033.0 W	0.59 W	HW->QV BAIN
49.70	150.00	-60.00	24.85	1210.50	1043.58 S	1033.0 W	0.59 W	FW->QV BAIN
49.70	150.00	-60.00	24.85	1210.50	1043.58 S	1033.0 W	0.59 W	HW->LIST?
51.80	150.00	-60.00	25.90	1208.68	1044.63 S	1033.0 W	0.59 W	FW->LIST?
58.50	0.00	0.00	29.25	1202.88	1047.98 S	1033.0 W	0.59 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT CUSAC BAIN WEST ZONE	GROUND ELEV. 1253.542
HOLE No. C93-2	BEARING 150°
LOCATION 60387.478 N 61037.282 E	DIP -60°
	TOTAL LENGTH 58.5 m
LOGGED BY M. BALL	HORIZONTAL PROJECT 29.3
DATE MAY 24,	VERTICAL PROJECT 50.7
CONTRACTOR DJ DRILLING	ALTERATION SCALE  absent slight moderate intense
CORE SIZE BQ	
DATE STARTED MAY 23, 1993	TOTAL SULPHIDE SCALE  traces only < 1% 1% – 3% 3% – 10% > 10%
DATE COMPLETED May 27	
DIP TESTS NONE	
COMMENTS BAIN VEIN ① 45.4 - 46.1 (0.7m) 50-60° TCA 1% Py, Sp, Cp, # 0.202, 0.05 BAIN VEIN ② 48.4 - 49.7 1.3m <1% Sp, Cp, # 1-2% f.g. Py 0.057, 0.03 ① & ② separated by mafic dike 3cm gstr @ 44.2 contains 1 speck V.G. 44.0 - 44.3 0.3m 0.214, 0.03 gstr zn	LEGEND

PAGE 1 OF | PROJECT: CUSAC BAIN WEST | HOLE No. C93-2

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	Ch	Ep
0 5.0				0.0 - 5.5 CASING								
		SG		5.5 - 45.4 Volcanic								
				5.5 - 7.4 med-green, greenstone, chlorite crackle veinlets ③ x-cut ① epidote veinlets, x-cut by ② hematite filled fract's, x-cut by ④ Cc veinlets local intense carb alt'n @ 6.5								
				7.4 - 9.9 pale green to buff carbonate alt'd w/ mod abund relict chlorite, 10 cm gstr @ 9.0m								
10				w/ ground core.								
				9.9 - 23.7 med green greenstone, locally banded w/ layering 47° TCA, weak chl crackle veinlets, x-cut by Ep ± qz - cc veins < 1cm, Tr dissem & fracture controlled hematite, x-cut by Calcite veinlets < 5mm								
20				23.7 - 26.4 buff to yellow-green carbonate alt'd zone, minor relict chlorite-filled fract's & veinlets 5cm? ground core gstr @ 24.5m Few < 1 cm gstr's								
				26.4 - 43.2 greenstone, prominent mylonitic? layering 10 - 45° TCA, epidote-rich, x-cut by weak chl-crackle veins, mod abund Hematite, x-cut by Cc veinlets								
30				local wk carb alt'n								
40												

PAGE 2 OF | PROJECT: CMSAC | HOLE No. C93-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
6.5-6.7 buff carb alt'd zone w/ 1-3% fine-grained pyrite on fractures										
9.0-										
23.7-26.4 trace fine-grained pyrite on fractures										

PAGE 3 OF 6 | PROJECT: CUSAC | HOLE No. C93-2

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	V
40					43.2-45.4 buff to yellow green carbonate altered zone x-cut by qtz's < 5cm (most < 1cm) ~ 5% of core, also mm-size grey qtz veinlets.								
45				45.4-46.1	QTZ VEIN BAIN VEIN 45.4-45.63 90% white-grey qtz w/ 10% wall rock, qtz forms stringers that are coalesced. HW 60° TCA 45.63-46.1 white qtz x-cut by grey qtz microfractures, 1% pyritic stylolites 1% pyrite on fractures, grey qtz breccia texture								
46				46.1-48.4	MAFIC DIKE dark green, feldspar porphyry w/ 1% phenos < 0.8 cm, 2%, also dark green mm-size augite xtls.								
48				48.4-49.7	QTZ VEIN BAIN VEIN (1.3m) 48.4-49.2 80% qtz-strgs w/ carb. on selvages, irregular & coalesced, 20% yellow-green altd volc. HW 55° TCA 49.2-49.7 massive qtz, white qtz x-cut & brecciated by grey qtz (20%) FW broken.								
56													

PAGE 4 OF 6 | PROJECT: CUSAC | HOLE No. C93-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% oz/ton Au	% opt Ag	%			COMPOSITE ASSAYS
43.2-45.4 dissem f-mg anh py local c-g py clusters ~ 3% local euh pyritohedrons										
43.2-44.0			0.8	32057	0.029	0.03				
44.0-44.3 2-3 cm qstr in alt'd rock, diss fg sp > py in qstr one speck (mm) VG diss cg py in alt'd rock			0.3	32058	0.214	0.03				
44.3-45.4			1.1	32059	0.005	<0.02				
45.4-45.6 qtz veins & stringers contain 1% dissem fg to mg py > sp > cp pass ff.			0.2	32060	0.613	0.11	0.7m @			0.202, 0.05
45.6-46.1 trace dissem sp 2% dissem fg py locally, pyritic sh, lutites			0.5	32061	0.037	0.03				
48.4-49.2 1-2% dissem fg sph > py > cpy > ff in qtz-carb stkwk dissem py in alt'd vole			0.8	32062	0.076	0.04	1.3m	@		0.057 Au
49.2-49.7 1-2% fracture controlled fg pyrite, local dissem fg sph, cpy, py			0.5	32063	0.026	0.02				

 PROJECT: CUSAC HOLE No. C93-2

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D A	B	Si C	Se D	m E	FRACT INTENSITY	T	k
50				49.7-51.8	LISTWANITE OR GABBRO, buff, fine to med grained spotted texture, weak foliation 37° TCA defined by light colored tuffaceous material cutting thru equigranular rock, mod abund irreg. carb (dol) veinlets, dissem mariposite could be altered gabbro	/				/			
				51.8-58.5	Volcanic								
55					51.8-52.8 buff, carb alt'd, massive volc, local specks mariposite, 2mm size spots may be feldspar phenos.	/							
					52.8-58.5 med green, greenstone, abundant epidote veining, x-cut by weak chlorite crackle veins, minor hematite								
					58.5 EOH								
					M. Ball								

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PAGE 6 OF 6	PROJECT: CUSAC	HOLE No. C93-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
49.7 - 49.8 1% disem py.	1									
	1									
	1									

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY

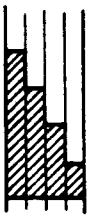
DDH No..... C93-3
NORTHING... 6560386.390
EASTING.... 461058.010
ELEVATION.. 1252.02
BASELINE... HOT
TOTAL HORZ 25.6678
TOTAL VERT -25.66797

		PLAN PLOT		LONGITUDINAL PLOT		SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET		DESCRIPTION
0.00	150.00	-45.00	0.00	1252.02	1030.02 S	1032.0 W	3.17 W		COLLAR
26.30	150.00	-45.00	18.60	1233.42	1048.62 S	1032.0 W	3.17 W		HW->DIKE
27.70	150.00	-45.00	19.59	1232.43	1049.61 S	1032.0 W	3.17 W		FW->DIKE
27.70	150.00	-45.00	19.59	1232.43	1049.61 S	1032.0 W	3.17 W		HW->QV BAIN
31.80	150.00	-45.00	22.49	1229.53	1052.51 S	1032.0 W	3.17 W		FW->QV BAIN
36.30	0.00	0.00	25.67	1226.35	1055.69 S	1032.0 W	3.17 W		END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT CUSAC BAIN WEST ZONE	**GROUND ELEV.** 1252.006
HOLE No. C93 - 3	**BEARING** 150°
LOCATION 60386.405N 61057.998E	**DIP** -45° **TOTAL LENGTH** 36.3 m
LOGGED BY M. Ball	**HORIZONTAL PROJECT** 25.7
DATE MAY 26, 1993	**VERTICAL PROJECT** 25.7
CONTRACTOR DJ DRILLING	**ALTERATION SCALE**  absent slight moderate intense
CORE SIZE BQ	
DATE STARTED MAY 24, 1993	
DATE COMPLETED MAY 25, 1993	**TOTAL SULPHIDE SCALE**  traces only < 1% 1% – 3% 3% – 10% > 10%
DIP TESTS NONE	
COMMENTS BAIN VEIN 27.7 - 31.8m (4.1m) 60°TCA abundant sulphides sp, py, cp, tt, gn 0.316, but no visible gold - mafic dike in HW.	**LEGEND**

PAGE 1 OF | PROJECT: CUSAC. BAIN VEIN | HOLE No. C93-3

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
10				0.0 - 12.2 CASING						
				12.2 - 26.3 5Cb Banded Volcanic						
				12.2 - 19.1 pale green, chloritic volcanic w/ abundant porphyroblastic (mm-size) to pervasive calcite, x-cut by qtz-chlorite mm-veinlets, foliated w/ fabric defined by alternating chl & cc rich layers 20° TCA, epidote veinlets parallel & x-cut fol'n, few <1cm cc veins, local fg. py or fract						
15										
20				19.1 - 20.4 Qtz Strg zone few centimeter to decimeter quartz stringers w/ intense carb alt'n envelopes (0.3m) separated by greenstone (0.2m) qstr's marked by slickensides 50° TCA & consist of wh.to qtz & chalcedonic qtz bands few mm-scale veinlets						
				20.4 - 22.5 med green, banded greenstone, few cc veinlets, chl + ep mm-veinlets, as at 12.2.						
22.5			~	22.5 - 23.2 Qtz STRG ZONE buff, carb alt'd volc, x-cut by mm to decimeter size qstr's (30% of core) qstr's contain 20% carb throughout, one is banded & marked by slickenside 45° TCA, broken ground at qstr.						
				23.2 - 25.9 pale grn weak carb alt'd banded volc, chl + ep + cc veins						
5										

PAGE 2 OF	PROJECT: COSAC	HOLE No. C93-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
local fg py on fract										
19.1 - 19.9 qstz zone w/ 2% dissem fg - m.g. anh py replaces carb porphyroblasts.										
20.1 - 20.4 qstz zone 1-3% dissem anh fg - m.g. py in altd rock, 1% dissem fg py + minor sph in qstz's @ 20.2 & 20.3.										
21.5 - 22.2 = Qtz STRG ZONE 2-5% dissem m.g. - fg. anh + anh py in altd vole, fg py on stylolitic seams in vein,										

PAGE 3 OF | PROJECT: CUSAC | HOLE No. C93-3

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Sa)	E (M)	FRACT INTENSITY
25		SCb		12.2 - 26.3	SCb banded vole (cont'd)						
					25.9 - 26.3 buff to yellow-green carb alt'd vole, x-cut by 5mm grey silica veinlets						
				26.3 - 27.7	MAFIC DIKE HW 60° TCA, med to dark green, < 1cm feldspar phenos 1-2%, 5mm amygdules? 2%, mm-size augites? 10% - even in plag.						
27.5					locally blocky						
		QV		27.7 - 31.8	QTZ VEIN - BAIN VEIN (4.1 m)						
					27.7 - 28.0 50% grey qtz, banded 60° TCA, white qtz brecciated & supported by grey qtz matrix						
					28.0 - 29.5 white qtz + 20% grey qtz in bands & patches (= replaced breccia), few microvugs in white qtz, local white carb? filled fractures w/ sph or cp.						
30					29.5 - 29.9 White qtz brecciated & in-filled by grey qtz & sulphides.						
					29.9 - 31.0 white qtz mottled w/ grey qtz (10%), few pyritic stylolites, few alt'd wall rock clasts, <2cm, microvugs in white qtz						
					31.0 - 31.8 white qtz mottled w/ grey qtz few carb veinlets x-cut qtz 60° TCA, FW slickensides 62° TCA, FW 10 cm is banded w/ pyritic stylolites spaced 10 cm & one 1cm carb vein 60° TCA., white qtz has vugs < 3mm						
32.5											
		SCb		31.8 - 36.3	Volcanic - banded						
					31.8 - 32.1 yellow-green to buff, carb alt'd vole, silica veinlets after chl.						
					32.1 - 36.3. med to pale green, foliated vole, fola 25° TCA, abund cp veinlets x-cut by chl, pervasive & veinlet calcite, local 3 cm Ca veins. 36.3 EOH M. Ball.						

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PAGE 4 OF | PROJECT: CUSAC | HOLE No. C95-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	%			COMPOSITE ASSAYS
25.9-26.3 3-5% dissem m.g. anh py in altd rock & grey silica veinlets										
QTZ VEIN (BAIN)										
27.7-28.0 3-5% sulphides, f.g.-m.g. dissem py > sp > cp > tt			0.3	32064	0.206	0.25				
28.0-29.5 dissem f.g.-m.g. anh sph > py > tt > cpy total sulphide 3%, local fracture controlled Su.										
28.0-28.7			0.7	32065	0.238	0.96				
28.7-29.5			0.8	32066	0.106	0.40				
29.5-29.9 20-30% sulphides, c.g. masses of pyrite intergrown w/ sph, c.g. sph, m.g. sph, py, tt, galena, sulph's occupy breccia mtx & form veinlets			0.4	32067	2.302	2.97				
							4.1 m @ 0.316, 0.84			
29.9-31.0 dissem sulphides 2-5% f.g. to m.g. sp > py > cp > tt, minzn decreases down hole, local late fract's filled w/ sph or cpy.										
29.9-30.5			0.6	32068	0.029	1.09		dup	0.034, 1.09	
30.5-31.0			0.5	32069	0.034	0.78				
31.0-31.8 dissem Su 1-3%, f.g. to M.g. sp ≈ py.										
31.0-31.4			0.4	32070	0.009	0.32				
31.4-31.8			0.4	32071	0.045	0.03				
31.8-32.1 alt'n zone - dissem & veinlet controlled f.g. pyrite ~3%										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY

DDH No..... C93-4
NORTHING... 6560386.390
EASTING.... 461058.010
ELEVATION.. 1252.02
BASELINE... HOT
TOTAL HORZ 19.1996
TOTAL VERT -33.25549

	PLAN PLOT		LONGITUDINAL PLOT	SECTION PLOT		
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	150.00	-60.00	0.00	1252.02	1030.02 S	1032.0 W	3.17 W	COLLAR
32.30	150.00	-60.00	16.15	1224.05	1046.17 S	1032.0 W	3.17 W	HW->QV BAIN
33.80	150.00	-60.00	16.90	1222.75	1046.92 S	1032.0 W	3.17 W	FW->QV BAIN
33.80	150.00	-60.00	16.90	1222.75	1046.92 S	1032.0 W	3.17 W	HW->DIKE
35.80	150.00	-60.00	17.90	1221.02	1047.92 S	1032.0 W	3.17 W	FW->DIKE
35.80	150.00	-60.00	17.90	1221.02	1047.92 S	1032.0 W	3.17 W	HW->QV BAIN
36.40	150.00	-60.00	18.20	1220.50	1048.22 S	1032.0 W	3.17 W	FW->QV BAIN
38.40	0.00	0.00	19.20	1218.76	1049.22 S	1032.0 W	3.17 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC BAIN WEST ZONE	GROUND ELEV.: 1252.006
HOLE No.: C93-4	BEARING: 150°
LOCATION: 6036.405N, 6105.998E	DIP: -60
	TOTAL LENGTH: 38.4
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 19.2
DATE: May 27, 1993	VERTICAL PROJECT: 33.3
CONTRACTOR: D.J. DRILLING	ALTERATION SCALE: absent, slight, moderate, intense
CORE SIZE: BQ	
DATE STARTED: May 25, 1993	TOTAL SULPHIDE SCALE: traces only, < 1%, 1% – 3%, 3% – 10%, > 10%
DATE COMPLETED: May 26, 1993	
DIP TESTS: None	

COMMENTS

BAIN VEIN 32.3-33.8 (1.5m) 0.065, 0.24
1-3% py, sp, cp, tt
incl 0.6m @ 0.136, 0.23

MAFIC DIKE 33.8 - 35.8

BAIN VEIN 35.8 – 36.4 (0.6m) 0.022, 0.02
< 1% sp, tt, cp
1% py

LEGEND

PAGE 1 OF 4 | PROJECT: CUSAC | HOLE No. C93-4

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
				0.0-6.1 CASING								
		5Cb		6.1-19.0 Volcanic - banded greenstone med green, mm-scale to cm-scale mylonitic? banding 35° TCA bluish green at top 0.5 m of section looks like list but is volc. (blue = pumpellyite?), abundant epidote // to banding & in x-cutting veinlets (mm) & veins < 3cm chl + calcite veinlets x-cut folia & ep few chl+cc veins, foliation weakens down hole & core grades to chl-crackle brecciated rock, local clasts of dark green rock,							chl		
		5Ca		19.0-32.3 Volcanic - massive, aphanitic 19.0-27.5 med to dark green, aphanitic to porphyritic greenstone, x-cut by chl & epidote mm-veinlets to form chl/ep crackle breccia. local, 5cm patches of calcite, & cm-size veins of ep. or calcite							chl+cc		
			~	27.5-29.5 broken, med green, green clay & calcite (on fractures) altered,								
			~	29.5-31.0 pale green, weak carb								
			~	altd, abund chl in calcite veinlets, broken slightly								
			~	31.0-32.3 yellow-green to grey, carb altd zone, x-cut by <1cm size grey qtz veinlets, dissem c.g. py. 10cm qtz/vein @ 31.4 consists of white vein qtz brecciated & supported by grey silica, slickensides 42° TCA									
32.5												

PAGE 2 OF 4 | PROJECT: CUSAC | HOLE No. C93-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	Au oz/ton Au	%	%			COMPOSITE ASSAYS
31.0-31.4 carb alt'd volc 3-5% diss'em c.g. euh py, also fg. fracture controlled py			0.4	32072	0.017	<0.02				
31.4-31.5 Qstz, diss'em f.g. py in grey & white qtz, local sph			0.1	32073	0.052	0.07				
31.5-32.3 carb alt'd volc as above, 3-5% diss'em c.g. euh py			0.8	32074	0.064	0.02				

local cp, sp

PAGE 3 OF 4 | PROJECT: CUSAC | HOLE No. C93-4

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Sc D	Mn E	FRACT INTENSITY	T	K
32.5				32.3 - 33.8 QTZ VEIN, BAIN (1.5m)								
				32.3 - 32.6 white qtz brecciated & x-cut by network of grey qtz + sulphide-filled fractures. HW 75° TCA								
				32.6 - 33.2 white qtz mottled w/ pale grey qtz fractures & patches.								
				33.2 - 33.8 white qtz mottled to brecciated, grades to intensely silicified wall rock down hole. FW 72° TCA.								
35												
				33.8 - 35.8 MAFIC DIKE dark green, < 1cm white feldspar phenos, buff mod ca-b alt'n over FW 0.2m								
				35.8 - 36.4 QTZ VEIN BAIN VEIN (0.6m)								
				35.8 - 36.2 white qtz containing angular clasts of buff carb alt'd volc < 2cm								
				36.2 - 36.4 white qtz brecciated & supported by grey silica-pyrite matrix.								
36												
				36.4 - 38.4 Volcanic								
				36.4 - 37.2 buff, carbonate alt'd grade from intense to mod alt'n disseminated + local manganese x-cut by white grey silica & white qtz-carb veinlets < 1cm (5%)								
				37.2 - 37.8 med green, greenstone, pervasive calcite alt'n, calcite veinlets, local weak hematite,								
37												
				37.8 - 38.2 buff, carb alt'd volc, x-cut by < 1cm qz-carb stgs 5% & grey silica after chlorite.								
				38.2 - 38.4 med green, greenstone, x-cut by chl & ep veinlets (mm-size) & by calcite veins < 1cm, pervasive calcite alt'n, local hematite stain								
38												

38.4 EOH M. Ball.

PAGE 4 OF 4 | PROJECT: CMSAC | HOLE No. C93-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
32.3 - 33.8 QTZ VEIN BAIN										
32.8 - 32.6 3-5% disseminated mostly fracture controlled Py > Sp > cpy > tt			0.3	32075	0.038	0.16				
32.6 - 33.2 1-3% mostly disseminated local fracture/vein controlled f.g.-m.g. Py > cpy > sp > tt			0.6	32076	0.008	0.28	1.5m @			0.065, 0.2
33.2 - 33.8 3-5% disseminated f.g. - m.g. py > sp > cpy > tt, abund disseminated SU in silicified rock in FW 0.3m.			0.6	32077	0.136	0.23				
35.8 - 36.4 BAIN VEIN										
35.8 - 36.2 1% disseminated py > cpy > sp local sp on fractures.			0.4	32078	0.013	0.02	0.6m @ 0.022 Au			
36.2 - 36.4 3-5% disseminated py in grey silica matrix			0.2	32079	0.040	0.03	← dupl	0.039, 0.03		
36.4 - 36.9 1-3% disseminated f.g. to m.g. py in vein			0.5	32080	0.006	<0.02				
37.8 - 38.2 1% f.g. py in grey silica veinlets										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY		
					A	B	C	D	E			

DDH No..... C93-5
NORTHING.... 6560410.610
EASTING.... 461093.940
ELEVATION.. 1252.472
BASELINE... HOT
TOTAL HORZ 37.3349
TOTAL VERT -37.33508

				LONGITUDINAL PLOT			
		PLAN PLOT			SECTION PLOT		
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM EL	SECTION	SEC OFFSET	DESCRIPTION
0.00	150.00	-45.00	0.00	1252.47	1027.01 S	1030.0 W	0.06 E	COLLAR
19.30	150.00	-45.00	13.65	1238.83	1040.66 S	1030.0 W	0.06 E	HW->DIKE
19.40	150.00	-45.00	13.72	1238.75	1040.73 S	1030.0 W	0.06 E	FW->DIKE
23.60	150.00	-45.00	16.69	1235.78	1043.70 S	1030.0 W	0.06 E	HW->Base ARG
23.60	150.00	-45.00	16.69	1235.78	1043.70 S	1030.0 W	0.06 E	FW->Base ARG
34.30	150.00	-45.00	24.25	1228.22	1051.27 S	1030.0 W	0.06 E	HW->LIST
40.60	150.00	-45.00	28.71	1223.76	1055.72 S	1030.0 W	0.06 E	FW->LIST
40.60	150.00	-45.00	28.71	1223.76	1055.72 S	1030.0 W	0.06 E	HW->QV BAIN?
41.00	150.00	-45.00	28.99	1223.48	1056.00 S	1030.0 W	0.06 E	FW->QV BAIN?
52.80	0.00	0.00	37.33	1215.14	1064.35 S	1030.0 W	0.06 E	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV.: 1252.472
HOLE No.: C93-5	BEARING: 150°
LOCATION: 60410.612 61093.936	DIP: -45°
	TOTAL LENGTH: 52.8
LOGGED BY: M. BALL	HORIZONTAL PROJECT: 37.3
DATE: May 30, 1993	VERTICAL PROJECT: -37.3
CONTRACTOR: DJ DRILLING	ALTERATION SCALE: absent; slight; moderate; intense
CORE SIZE: BQ	
DATE STARTED: May 27, 1993	TOTAL SULPHIDE SCALE: traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: May 29, 1993	
DIP TESTS: NONE	

COMMENTS

Qtz Vein (BAIN?) 40.6 - 41.0 (0.4m) 0.124, 0.39

2% Hxp > Py > cpy

No mafic dike

45.3 - 45.6 0.3m gst zn 0.288, 0.28

LEGEND

PAGE / OF	PROJECT:	HOLE No. C93-5

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION D (A)	G (B)	Si (C)	Sx (D)	M (E)	FRACT INTENSITY	T	K
19				6.0 - 19.2	CASING								
		5Dd		19.2 - 19.3	ARGILLITE black, massive								
		10a		19.3 - 19.4	MAFIC DIKE - feldspar porph only 2 cm recovered								
		5Dd		19.4 - 23.6	ARGILLITE - black, massive, minor siltstone laminae, limy, few Ca veinlets								
20		5cb		23.6 - 34.3	VOLCANIC								
					23.6 - 24.5 pale yellow to buff, carb alt'd qstz zone, white breccia text'd qstz 20° TCA 23.8 - 24.1 qstz is white, cryptoxtn silica w/ alien clasts (ang) white qtz., volc is x-cut by < 1 cm white qtz + carb strgs, minor dissem mariposite	/		/	/	/			
25					24.5 - 29.0 pale green to buff weak to locally intense carb-alt'd volc, chl on fract, local hematite few Ca strg's	/							
30			/		29.0 - 34.3 med green, foliated greenstone, foln 40-46° TCA, abund epidote along foln, locally pervasive calcite, locally pervasive hematite, x-cut by < 5 mm calcite veins ⇒ PROPYLLITIC ALTN								
			/		10 cm qstz w/ graphitic stylolites 40° TCA @ 33.9								
35					slickenside 12° TCA @ 34.0								

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PAGE 2 OF | PROJECT: | HOLE No. C93-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
23.6-24.5 Qstr zone	///		0.9	E32081	<0.005	<0.02				
qstr 23.8-24.1 20° TCA, barren,	///									
3-5% dissem fg - m.g. py in	///									
alt'd volc, fg py on fract	///									
24.5-29.0 f.g. py on fract 1%	/									
where intensely alt'd	/									

PAGE 3 OF | PROJECT: | HOLE No. C93-5

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
35				34.3-40.6 LIST WANITE								
		7a		34.3-36.0 med green 7a to pale green massive, relict med grained intrusive text indicated by spotted dol-carbonate alt'n,								
		7bk		36.0-38.0 grey-green 7bk intensely foliated 28°TCA, planar to contorted qtz-carb veins ~// to foliation, vse-grained white carb spots, pitted								
40												
		7c	12°TCA	38.0-40.6 bright green, intense mariposite wk fol at HW 12°TCA, 40% white qtz-carb strg's < 5cm parallel to core. grey, f.g. py on fract/slicks // to core								
		QV		40.6-41.0 Qtz VEIN white qtz, with HW band diseem sulphides 40°TCA & FW stylolites 50°TCA								
41												
		5a		41.0-52.8 VOLCANIC								
				41.0-41.4 grey-buff carb alt'd volc x-cut by Qstr's < 1cm 58° TCA 20% w/ diseem Su.								
				41.4-44.0 alternating pale to med grn w/ buff-yellow or buff-grey carb alt'd volc, x-cut by < 5mm grey & white qtz-carb's where intensely alt'd								
42.5												
				44.0-44.6 buff-grey intense carb alt'd, FW 10 cm is a qstr w/ minor sulphides								
				44.6-45.3 pale green to buff med carb alt'd volc, chl on fract, x-cut by < 1 cm qstr's,								
				45.3-45.6 Qtz STRG 2m 0.2m qstr in alt'd & strg'd buff/grey volc, qstr is mottled grey w/ wall rock inclusions								
45												

PAGE 4 OF	PROJECT: ✓									HOLE No. C93-5
MINERALIZATION DESCRIPTION	**TOTAL SULPHIDE**	**INTERVAL**	**WIDTH**	**ASSAY NUMBER**	~~%~~ opt Au	~~%~~ opt Ag	**%**			**COMPOSITE ASSAYS**
38.0-40.6 Qtz Strg Zone in	/									
? listwanite, qstr's barren, minor	/									
grey f.g. py on slicks.	/									
38.0-38.8	/		0.8	E32082	<0.005	<0.02				
38.8-39.8			1.0	32083	<0.005	<0.02				
39.8-40.6			0.8	32084	<0.005	<0.02				
40.6-41.0 Qtz VEIN (0.4m)	//		0.4	E32085	0.124	0.39				
2% dissem & fracture network	//									
controlled sulphides conc in	//									
HW band, but dissem throughout	//									
tet > sph > py > cpy	//									
41.0-41.4 Qtz Str Zn,	//		0.4	32086	0.064	<0.02		dupl		0.062, <0.02
1% dissem tt+sp in qstr's, dissem	/									
py in alt'd. rock 1-3%	/									
								if these		run high
								Then assay		
44.0-44.6 Qstr Zn 1%	/		0.6	32087	<0.005	<0.02		intervening		alt'd
dissem f.g. py in wall rock,	/							rock.		
minor tt > sp in qstr.	/									
45.3-45.6 Qstr Zn 1-3%	//		0.3	32088	0.288	0.28				
dissem tt > sp > cpy in qstr	//									

PAGE 5 OF | PROJECT: | HOLE No. C93-5

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S C	Sr D	M E	FRACT INTENSITY	T	K
45				41.0 - 52.8 VOLCANIC (cont'd)								
				45.6 - 49.9 buff/grey, buff-yellow to mod green, alternating intense carb alt'd zones w/ gstr's up to 10 cm (but most < 1cm) with chl-carb alt'd vole								
50				49.9 - 52.8 mod green, foliated 40° TCA, abund epidote parallel & x-cut (irreg) foliation, x-cut by planar mm-scale calcite + hematite veinlets = Propylitic Alt'n.								
				52.8 EOH								
				M. Gall								

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PAGE 6 OF	PROJECT:	HOLE No. C93-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
45.6 - 49.9 1-3% disem and f.g. py in intensely alt'd zones.										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY		
					A	B	C	D	E			

DDH No..... C93-6
NORTHING.... 6560438.560
EASTING.... 461145.690
ELEVATION.. 1249.659
BASELINE... HOT
TOTAL HORZ 49.7515
TOTAL VERT -59.29163

					LONGITUDINAL PLOT					
	PLAN PLOT				SECTION PLOT					
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL		SECTION		SEC OFFSET		DESCRIPTION
0.00	150.00	-50.00	0.00	1249.66	1028.68	S	1027.0	W	1.15	W	COLLAR
32.80	150.00	-50.00	21.08	1224.53	1049.77	S	1027.0	W	1.15	W	HW->BASE LIST
32.80	150.00	-50.00	21.08	1224.53	1049.77	S	1027.0	W	1.15	W	FW->BASE LIST
72.70	150.00	-50.00	46.73	1193.97	1075.41	S	1027.0	W	1.15	W	HW->LIST
74.20	150.00	-50.00	47.69	1192.82	1076.38	S	1027.0	W	1.15	W	FW->LIST
76.30	150.00	-50.00	49.04	1191.21	1077.73	S	1027.0	W	1.15	W	HW->i-Hem
77.40	0.00	0.00	49.75	1190.37	1078.43	S	1027.0	W	1.15	W	DIP CHANGE
77.40	0.00	0.00	49.75	1190.37	1078.43	S	1027.0	W	1.15	W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC BAIN WEST ZONE	GROUND ELEV.: 1249.659
HOLE No.: C93-6	BEARING: 150
LOCATION: 60438, 558 N 61,145. 686E	DIP: -50
	TOTAL LENGTH: 77.4 m
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 49.8
DATE: June 5, 1993	VERTICAL PROJECT: -59.3
CONTRACTOR: DJ DRILLING	ALTERATION SCALE
CORE SIZE: BQ	absent slight moderate intense
DATE STARTED: May 29, 1993	TOTAL SULPHIDE SCALE
DATE COMPLETED: May 30, 1993	traces only < 1% 1% – 3% 3% – 10% > 10%
DIP TESTS: None	
COMMENTS: No significant intersection – drilled over top of Bain Vein.	LEGEND

PAGE 1 OF | PROJECT: MSAC BAIN WEST | HOLE No. C93-6

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Se)	E (M)	FRACT INTENSITY	T	K
20				0.0 - 23.2 CASING								
				23.2 - 32.8 LIST WANITE								
		7b		23.2 - 32.3 7b mostly tan, carb-talc alt'd, irreg foln ~45-60° TCA								
30												
		7a		32.3 - 32.8 dark green to black 7a massive, trace marcasite 7a @ FW								
		5ca		32.8 - 62.6 Volcanic 5a								
				32.8 - 33.5 buff-green, mod carb alt'd x-cut by qstr's & mm-scale, dissem & fract controlled pyrite, local dissem marip.								
				33.5 - 46.8 med green, greenstone, aphanitic, chl-rich wisps may be pillow rims or weakly developed foln, x-cut by ① epidote ± chl veinlet stockwk, ② chl winlets ③ calcite ± chl ± hematite veinlets, all veinlets < 0.5mm except epidote								
40												
				46.8 - 47.2 buff, carb alt'd, x-cut by <1cm grey & white qtz strgs, 1% py on fract								
50				47.2 - 52.0 med green, aphanitic, x-cut by ep, chl, & calcite - chl ± hematite veinlets, pervasive calcite alt'n								
				52.0 - 53.7 buff, carb alt'd w/ relict chl specks, x-cut by white ch-qtz strgs <1cm, dissem & fract controlled py								
				53.7 - 61.7 med green, aphanitic vole, x-cut by ① ep & ② chl crackle breccia, x-cut by calcite ± hematite ± chl veinlets								
60												

PAGE 2 OF 4 | PROJECT: Cusac ✓ | HOLE No. C93-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
32.8 - 33.5 1-2% dissem m.g py, also py in fract & veinlet walls	1									
46.8 - 47.2 fracture & veinlet controlled f.g to m.g py - 1-3%	1									
52.0 - 53.7 trace to 1% f.g py on fract & in veinlets	1									

PAGE 3 OF 4 | PROJECT: CUSAC. | HOLE No. C93-6

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
60		5Ca		32.8 - 61.6 Volcanic cont'd								
				61.7 - 62.6 pale green to buff, weak to mod carb alt'd, x-cut locally by <3cm carb>qtz stvg's, w/ slicks & fg py								
		5Cf		61.7 - 70.7 Chert. - buff to pale green, variable volcanic/tuff aceous component, x-cut commonly by < 1cm qtz ± qtz-cb strgs, locally weakly brecciated, beds 30° TCA								
70												
		5Cb		70.7 - 72.7 Volcanic, med green to pale grn down hole, mylonitic type fine banding/foln 48° TCA, pervasive, fract ± veinlet calcite								
				10 cm qtz-cal vein.								
				72.7 - 74.2 LISTWANITE, 7b, pale green to tan, intensely foliated 40° TCA, carb alt'd w/ chl on foln, few carb stvg's								
75		5Ca		74.2 - 77.4 Volcanic								
				74.2 - 76.3 Qtz - Stvg zone, buff, intense carb alt'd x-cut by irreg to patchy <1cm qtz stv's, x-cut by grey, fg. pyritic slicks 20 - 30° TCA assoc w/ brecciated wrlc + qtz., 10 - 70 cm rubble of qtz vein @ 75.0 - 75.1?, disseminated py in fw.								
		5Ca/c		76.3 - 77.4 med green to maroon, banded to cherty volc (5Cc?)								
				maroon colour due to hematite, also epidote & chl veinlets, pervasive calcite alt'n								
				77.4 EOH								
				M. Ball								

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PAGE 4 OF 4 | PROJECT: CMSAC | HOLE No. C93-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
61.7 - 62.6 trace - 1% f.g. py on fract & in carb veins										
74.2 - 75.0 Qtz Str zone trace dissem py + pyritic slicks			0.8	32091	0.004	<0.02				
75.0 - 75.2 Qtz rubble, white qtz x-cut by grey qtz, f.g. py dissem & in masses 1-3%			0.2	32092	0.064	0.13				
75.2 - 76.3 1-3% dissem py in Volc, f.g. to m.g			1.1	32093	0.022	0.03				

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY		
					A	B	C	D	E			

DDH No..... C93-7
NORTHING... 6560338.470
EASTING.... 460730.420
ELEVATION.. 1253.105
BASELINE... HOT
TOTAL HORZ 76.2966
TOTAL VERT -76.29663

		PLAN PLOT		LONGITUDINAL PLOT	SECTION PLOT		
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	195.00	-45.00	0.00	1253.11	907.73 S	1048.0 W	9.17 E	COLLAR
18.34	195.00	-45.00	12.97	1240.14	916.90 S	1048.0 W	0.00 W	CL-SECTION
38.34	195.00	-45.00	27.11	1226.00	926.90 S	1049.0 W	10.00 W	X-SECTION
58.34	195.00	-45.00	41.25	1211.85	936.90 S	1049.0 W	0.00 W	CL-SECTION
58.90	195.00	-45.00	41.65	1211.46	937.18 S	1049.0 W	0.28 W	HW->LISTWANITE
58.90	195.00	-45.00	41.65	1211.46	937.18 S	1049.0 W	0.28 W	FW->LISTWANITE
72.40	195.00	-45.00	51.19	1201.91	943.93 S	1049.0 W	7.03 W	HW->QV VG
72.80	195.00	-45.00	51.48	1201.63	944.13 S	1049.0 W	7.23 W	FW->QV VG
78.34	195.00	-45.00	55.39	1197.71	946.90 S	1050.0 W	10.00 W	X-SECTION
98.34	195.00	-45.00	69.54	1183.57	956.90 S	1050.0 W	0.00 W	CL-SECTION
107.90	0.00	0.00	76.30	1176.81	961.68 S	1050.0 W	4.78 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC BAIN WEST EXTENSION	GROUND ELEV.: 1253.105
HOLE No.: C93-7	BEARING: 195°
LOCATION: 60,338.465 / 60,730.420	DIP: -45°
	TOTAL LENGTH: 107.9m
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 76.3
DATE: June 6, 1993	VERTICAL PROJECT: -76.3
CONTRACTOR: D.J. Drilling	
CORE SIZE: BQ	
DATE STARTED: May 30, 1993	
DATE COMPLETED: June 5, 1993 *	
DIP TESTS: None	

ALTERATION SCALE

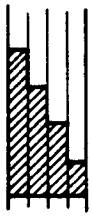
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

drilled to follow up intersection in C90-330 closer to listwanite

hole shut down & then later extended further to intersect vein:

72.4 - 72.8 0.4m QV 10.023, 1.30 }
72.8 - 73.1 0.3m qstrzn 0.302, 0.13 } 0.7m 5.857, 0.80

LEGEND

PAGE 1 OF 10 | PROJECT: CUSAC | HOLE No. C93-7

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION D (A)	G (B)	Si (C)	Se (D)	M (E)	FRACT INTENSITY	T	K
0				0.0-3.2	CASING								
				3.2-58.9	LISTWANITE								
		7(b?)			3.2-11.0 Grey to black 7b? massive fine-grained to aphanitic vole or mafic, carb + intense graphite alt'd, graphite is pervasive + fracture (CB) controlled, pervasive + veinlet calcite (some appears like limestone), weakly magnetic (Po?)								
10		7(b?)			11.0-15.5 grey to black, fine to med relict grain size, of poss mafic rock, pervasive + fract controlled graphite + calcite, weakly broken core + slight clay alt'n.								
		7(b?)			15.5-19.5 massive f.g. to aphanitic but locally c.g., mafic, pervasive graphite alt'n								
20		7b			19.5-24.3 pale grey, greenish, massive to relict c.g. mafic/umafic x-cut by carb + talc veins < 1cm,								
		7a			24.3-27.6 dark grey, intensely foliated, 65° TCA, mm-scale serpentine layers, x-cut + fol'n ‖ carb veinlets (mm-scale), highly magnetic								
30		7a			27.6-42.6 med grey to dark green, grey carb-alt'd massive rock, x-cut by serpentine veinlet (< 1 cm) stockwk w/ carb in center of serp veins, highly magnetic, magnetite assoc w/ serp veins.								
					- more abund perv grey carb alt'n down hole								
40													

PAGE 2 OF 10 | PROJECT: CUSAC ✓ | HOLE No. C93-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
3.2 - 11.0 0 - 2% dissem m.g to c.g. pyrite										
11.0 - 15.5 1 - 2% dissem f.g. to m.g. pyrite										
15.5 - 19.5 1% dissem c.g. > m.g. py, anh, cubics, some v.c.g cubes										
19.5 - 24.3 < 1% dissem mg to locally c.g py										
276 - 42.6 < 1% dissem py 1 - 3% dissem & veinlet controlled magnetite										

— Sch
55L-26 // let ring lots

PAGE 3 OF 10	PROJECT: CUSAC	HOLE No. C93-7

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D A	ALTERATION C B	ALTERATION Si C	ALTERATION Se D	ALTERATION M E	FRACT INTENSITY	T	K
40				3.2 - 58.9	LISTWANITE (cont'd)								
		7b			42.6 - 51.3 med to light mottled grey, massive carb alt'd list, x-cut by <1cm - 3cm carb ± talc veinlets								
50		7b			51.3 - 58.9 med to dark grey, carb alt'd w/ mottled patches talc x-cut by mm-size carb veinlets, few pale green talc ± serp? veins, crudely foliated ~ 70° TCA. local hematite on fol'n planes.								
		5a		58.9 - 63.3	Volcanic								
60					58.9 - 63.3 med green greenstone, fine-grained w/ leucoxene alt'n, x-cut by <1cm ep veinlets ± mm chl veinlets, local pervasive calcite alt'n, x-cut by <1 cm Cc veinlets & local <10cm dol veins								
		5cf		63.3 - 64.3	Chert pale green to buff, slightly brecciated, x-cut by mm-scale dol veinlets								
		5a		64.3 - 72.4	Volcanic massive, fine-grained 64.3 - 71.9 med green leucoxene, local pervasive calcite, few mm-scale calcite veinlets, weak graphite crackle bx at base of section								
70					71.9 - 72.4 lime green, intense carb alt'd (sericitic?) volc, moderate graphite crackle breccia, x-cut by few <1cm qtz ± carb veinlets								
		QV		72.4 - 72.8	QTZ VEIN BAIN HW 40° TCA 1st 10cm is 50% massive py								
72													

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PAGE 4 OF 10 | PROJECT: MUSAC ✓ | HOLE No. C93-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
42.6 - 51.3 dissem magnetite m.g. 1 - 2%										
51.3 - 58.9 dissem m.g. - f.g. magnetite										
58.9 - 63.3 local fracture contl fg. pyrite.										
63.3 - 64.3 local fracture contl fg py										
64.3 - 71.9										
71.9 - 72.4 1-3% dissem m.g. pyrite, one grain cpy in qstz			0.5	32094	0.025	0.02				
72.4 - 72.8 QTZ VEIN (C.4) Hd 10cm is 50% massive Py rest is dissem mg - cg py 5% Sph 1% gold, 41 Grains VG ! WOW ! !			0.4	32095	0.023	1.30				

PAGE 5 OF 10 | PROJECT: CU3Ac | HOLE No. C93-7

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
72		Scf		72.8 - 75.3	Chert med grey to greenish grey, first 0.3 m has < 1cm qtz's & dissem py rest is crackle brecciated chl-carb alt'd.								
		Sca		75.3 - 107.9	Volcanic								
					75.3 - 76.7 buff to pale grn, fg. massive, carb > chl alt'd, weak chl-py fracture crackle breccia, leucoxene								
75					76.7 - 79.7 med green fg. massive, leucoxene, epidote stockwk <1cm, few mm-size Calcite veinlets								
					79.7 - 80.7 pale green, pervasive calcite alt'd, weak crackle brx w/ py & chl on fract								
80					80.7 - 84.6 pale yellow-green intense carb alt'd, x-cut by mod crackle breccia, white qtz's < 1cm (1%), 3 10 cm qtz strg's.								
					84.6 - 87.0 pale green chl-carb alt'd vole, graphitic crackle breccia, few Ca/del veinlets								
85					87.0 - 88.4 med green fg. leucoxene locally pervasive calcite x-cut by mm-size calcite +ep veins, local fg py filled fract., local green clay alt'n								
					88.4 - 89.2 pale green-grey, leucoxene 5cm qtz-carb open space vein w/ bands (mm) fg. py,								
90													

PAGE 6 OF 10 | PROJECT: CUSAC | HOLE No. C93-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
72.8 - 73.1 Qtz Stvg 2n 1-2% dissem m.g to c.g. py, Trace cpy in qstv's. (5% qtz)			0.3	32096	0.302	0.13				
							0.7m	5.	857	
75.3 - 76.1 1% f.g. py on fract.										
80.7 - 83.5 < 1% dissem f.g py										
83.5 - 84.3 Qtz Stvg 2n. 2 10 cm white qtz stvg's, one has 1 grain sph, other has dissem arsenopy, < 1% dissem fg-mg py in vole			0.8	32097	0.054	<0.02				
83.5 - 84.6 < 1% dissem m.g. py closely assoc w/ graphite										
87.0 - 88.4 local f.g. py on fract.										
88.4 - 89.2 f.g. py on fract & 05 mm - seams in qstv, dissem mg. py in alt'd vole										

PROJECT: CUSAC

HOLE No. C93-7

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
90		Sca		75.3 - 107.9	Volcanic (cont'd)						
					89.2 - 98.2 med green, chl-rich, leucoxene, x-cut by epidote stockwk <3cm, x-cut by chl stkwk (mm), x-cut by calcite + hematite veinlets <5mm PROPYLITIC locally pervasive calcite chlorite veinlets <3mm.						
95											
					98.2-98.6 pale grey, carb alt'n zone w/ dissem py & 2cm qz-dol str w/ mm-scale bands f.g. py.						
					98.6 - 100.3 pale green, leucoxen, pervasive calcite alt'n, local pitted clay alt'd zone (mont) few qstr's,						
100											
					100.3 - 100.7 pale green, carb > chl alt'd, leucoxene, graphite on fract.						
					100.7 - 101.5 pale grey intense carb alt'd, weak graphite crackle breccia, x-cut by mm-scale qtz-dol veinlets & one 0.2m qtz-dol-py vein.						
102											
					101.5 - 104.8 pale grey to pale green weak to mod carb alt'd, leucoxene, mm-scale chl veins, intense carb alt'd around cm-size qtz-carb strgs						
					104.8 - 105.5 pale grey, intense carb alt'n zone around 3cm white barren qtz-dol str.						
105											

 PROJECT: Cusac ✓ HOLE No. C93-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
98.2 - 98.6 Qtz-Dol Str (2cm)	//		0.4	32098	0.023	0.02				
in py-volc, dissem m.g. py 5%	//									
& f.g. py in vein 2% + Asp.	//									
100.7 - 100.8 1-3% dissem c.g. py	//									
100.8 - 101.0 Qtz Strg. 20%			0.2	32099	0.056	0.04				
f.g. py in bands & network.										
101.0 - 101.5 Py Volc, 1-2%	//		0.5	32100	0.003	<0.02				
dissem c.g. py.	//									
104.8 - 105.5 < 1% dissem mg py.	//									

PAGE 9 OF 10 | PROJECT: CMSAC | HOLE No. C93-7

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
105				75.3 - 107.9 Volcanic (cont'd)								
				105.5 - 107.9 pale green, chl + carb alt'd, leucoxene, 1% py veinlets mm-size, mm-size dol veinlets, chl-filled fract. 2 10 cm, qtz-dol-1% py stvg's, local clay alt'n, one 1cm py vein, grey intense carb alt'n assoc w/ qtz-dol stvg's								
110				107.9 EOH								
				M. Ball								

PAGE 10 OF 10 | PROJECT: CMS4C | HOLE No. C93-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	%			COMPOSITE ASSAYS
106.0 - 106.2 10 cm qtz-dol stwk w/ 10% f.g. py in bands & fract., minor open space			0.2	32071	0.002	<0.02				
106.7 - 106.9 pale-grey intense carb alt'n w/ 2 2cm py (f.g.) seams, clay alt'd, also disem f.g. py			0.2	32072	0.001	0.02				

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY

DDH No..... C93-8
NORTHING... 6560455.747
EASTING.... 460824.293
ELEVATION.. 1254.891
BASELINE... HOT
TOTAL HORZ 27.8289
TOTAL VERT -27.32263

		PLAN PLOT		LONGITUDINAL PLOT		SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION		SEC OFFSET	DESCRIPTION
0.00	146.65	-44.47	0.00	1254.89	853.10 S	1041.0 W		9.10 E	COLLAR
15.50	146.65	-44.47	11.06	1244.03	864.14 S	1041.0 W		9.75 E	HW->QSIR ZN
15.80	146.65	-44.47	11.27	1243.82	864.35 S	1041.0 W		9.76 E	FW->QSIR ZN
15.80	146.65	-44.47	11.27	1243.82	864.35 S	1041.0 W		9.76 E	HW->QSIR
16.00	146.65	-44.47	11.42	1243.68	864.50 S	1041.0 W		9.77 E	FW->QSIR
21.49	146.65	-44.47	15.33	1239.84	868.40 S	1040.0 W		10.00 E	X-SECTION
39.00	0.00	0.00	27.83	1227.57	880.88 S	1040.0 W		9.27 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV.: 1254.891
HOLE No.: C93-8	BEARING: 146° 39'
LOCATION: 60 455.747 N, 60 824.293 E	DIP: -44° 48'
	TOTAL LENGTH: 39.0 m
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 27.8
DATE: June 7, 1993	VERTICAL PROJECT: -27.3
CONTRACTOR: DJ DRILLING	ALTERATION SCALE: absent; slight; moderate; intense
CORE SIZE: BQ	
DATE STARTED: May 31, 1993	TOTAL SULPHIDE SCALE: traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: June 1, 1993	
DIP TESTS: NONE	

COMMENTS

Drilled to test vein in trench # KSE 8939 below sinter deposit.

15.8 - 16.0 0.2m Qstr 0.039, 0.06

LEGEND

PAGE 1 OF 4 | PROJECT: CMSAC | HOLE No. C93-8

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S: C	Se D	M E	FRACT INTENSITY	J	K
0		Qb		0.0 - 4.5	CASING								
				4.5 - 16.8	VOLCANIC SCb								
					4.5 - 13.0 pale to mod green, aphanitic, abundant epidote veins & flooding, calcite veinlets < 3mm & local pervasive calcite alt'n								
					13.0 - 15.2 pale green, chl >> carb alt'd x-cut by few white qtz-dol veinlets < 1cm.								
10													
					15.2 - 15.8 buff, intense carb alt'd, x-cut by qtz stg's < 5mm, dissem mariposite, dissem py								
		Qstr		15.8 - 16.0	15.8 - 16.0 Qtz STRG (0.2m) grey > white banded qtz, 70° TCA, grades to brecciated volc + white qtz ang clasts < 2cm in grey siliceous matx								
15													
		SCb		16.0 - 22.5	VOLCANIC								
					16.0 - 22.5 buff to white, clay-carb alt'd volc, pervasive & mm-scale veinlet controlled white & blush-white clay, few dol-py veinlets < 3mm, alt'n decreases down hole.								
20													
		SCb/SCf		22.5 - 25.4	Interlayered Volcanic & chert pale green to buff mod to intense carb alt'd volc interlayered with meter long sections of pale brown-buff chert, chert is weakly crackle brecciated, volc is weakly clay alt'd								
25													

PAGE 2 OF 4 | PROJECT: Cusac ✓ | HOLE No. 1938

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
15.2-15.8 1-3% dissem fg. to m.g py, becomes c.g. near vein (15.5-15.8)			0.3	33703	0.014	0.04				
15.8-16.0 Qtz STRG 5% dissem f.g. to m.g py			0.2	33704	0.039	0.06				
16.0-22.5 1% fine-grained py on fract & in dal-py veinlets										
16.0-25.4 1-2% f.g py dissem & on fract. in volc sections										

PAGE 3 OF 4 | PROJECT: Cusac | HOLE No. C938

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
25		Sf.		25.4 – 30.1	CHERT pale green to buff, weak crackle breccia, few dol veinlets mm-size						
30		Scb		30.1 – 32.8	Volcanic pale green to buff, carb-clay alt'd, x-cut by dol-py veinlets < 1cm, brecciated @ fw.						
		Sf		32.8 – 39.0	Chert 32.8 – 37.6 grey to buff carb alt'd, weak crackle breccia. x-cut by mm-size dol-py veinlets						
35											
					37.6 – 39.0 pale to med green ribbon-bedded chert, tuffaceous beds < 5MM 45-60° TCA buff cb-alt'd, hairline fractures per crackle breccia						
40					39.0 EOH M. Bell						

PAGE 4 OF 4 | PROJECT: CUSAC ✓ | HOLE No. C93-8

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
32.8 - 37.6 minor dol - fg. py veinlets										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY

DDH No..... C93-9
NORTHING... 6560303.440
EASTING.... 461033.080
ELEVATION.. 1245.877
BASELINE... HOT
TOTAL HORZ 93.79151
TOTAL VERT -115.1315

					LONGITUDINAL PLOT				
	PLAN PLOT				SECTION PLOT				
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL		SECTION		SEC OFFSET		DESCRIPTION
0.00	145.42	-50.83	0.00	1245.88	1089.39	S	1035.0	W	6.23	W	COLLAR
55.20	145.42	-50.83	34.86	1203.08	1124.15	S	1035.0	W	3.45	W	HW->Base LIST
55.20	145.42	-50.83	34.86	1203.08	1124.15	S	1035.0	W	3.45	W	FW->Base LIST
86.30	145.42	-50.83	54.51	1178.97	1143.73	S	1035.0	W	1.88	W	HW->DIKE
89.00	145.42	-50.83	56.21	1176.88	1145.43	S	1035.0	W	1.75	W	FW->DIKE
90.10	145.42	-50.83	56.91	1176.02	1146.12	S	1035.0	W	1.69	W	HW->DIKE
91.20	145.42	-50.83	57.60	1175.17	1146.81	S	1035.0	W	1.64	W	FW->DIKE
96.20	145.42	-50.83	60.76	1171.29	1149.96	S	1035.0	W	1.38	W	HW->CB VN
96.60	145.42	-50.83	61.01	1170.98	1150.21	S	1035.0	W	1.36	W	FW->CB VN
96.80	145.42	-50.83	61.14	1170.83	1150.34	S	1035.0	W	1.35	W	HW->LIST
112.80	145.42	-50.83	71.24	1158.42	1160.41	S	1035.0	W	0.55	W	FW->LIST
112.80	145.42	-50.83	71.24	1158.42	1160.41	S	1035.0	W	0.55	W	HW->DIKE
120.10	145.42	-50.83	75.85	1152.76	1165.01	S	1035.0	W	0.18	W	FW->DIKE
120.90	145.42	-50.83	76.36	1152.14	1165.51	S	1035.0	W	0.14	W	HW->Base LIST
120.90	145.42	-50.83	76.36	1152.14	1165.51	S	1035.0	W	0.14	W	FW->Base LIST
123.65	145.42	-50.83	78.10	1150.01	1167.24	S	1035.0	W	0.00	W	CL-SECTION
148.50	0.00	0.00	93.79	1130.75	1182.89	S	1035.0	W	1.25	E	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT CUSAC	**GROUND ELEV.** 1245.856
HOLE No. C93-9	**BEARING** 145° 45'
LOCATION 60,303.432 N 61,033.080 E	**DIP** -50° 49'
	TOTAL LENGTH 148.5 m
LOGGED BY M. Ball	**HORIZONTAL PROJECT** 93.8
DATE June 7, 1993	**VERTICAL PROJECT** -115.1
CONTRACTOR DJ DRILLING	**ALTERATION SCALE**
CORE SIZE BQ	absent slight moderate intense
DATE STARTED June 1, 1993	**TOTAL SULPHIDE SCALE**
DATE COMPLETED June 4, 1993	traces only < 1% 1% – 3% 3% – 10% > 10%
DIP TESTS None	

COMMENTS

drilled south of Bain Vn 1035 zone across "GILLIES GULCH" to test for parallel vein

94.1-96.2	1.6m	<0.001, <0.02	qstr zn w/	sp, py, cp, tt
96.2-96.6	0.4m	<0.001, <0.02	Carb vn w/	sp, tt, cp
96.6-96.8	0.2m	<0.001, <0.02	py-wlk w/	sp, cp

LEGEND

PAGE 1 OF 10 | PROJECT: CUSAC | HOLE No. C93-9

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Se)	E (M)	FRACT INTENSITY	T	K
10		7b/7c		6.0 - 11.2 CASING								
				11.2 - 55.2 LISTWANITE								
				11.2 - 36.7 varying grey, talc-carb alt'd to bright green, maripositе - qtz-carb alt'd, massive to foliated ~45° TCA, maripositе associated with bull white barren quartz stringers @ 11.5, 14.0, 19.6								
20				non magnetic								
				7b > 7c								
30		7c		36.7 - 44.0 more abundant 7c - maripositе rich listwanite x-cut by numerous <1cm qtz stvg's.								
				few maripositе-rich stylolites 30° TCA								
40		7b		44.0 - 55.2 pale to med grey talc-carb alt'd list. med grey portions characterized by porphyroblastic m.g. carbonate in talc-rich massive matx								
50												

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PAGE 7 OF 10 | PROJECT: Cusac ✓ | HOLE No. C93-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
11.2 - 36.7 local <1% diss m.g. to c.g anh pg										
local diss 4.g black chromite?										
36.7 - 44.0 local diss c.g. anh pg										
44.0 - 55.2 very local diss very c.g. pyrite cubes										

PAGE 3 OF 10 | PROJECT: Cursor | HOLE No. C93-9

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
50				51.2-55.2	LISTWANITE (cont'd)								
					10 cm qtz @ FW consists of small lenses of qtz + foliated wallrock.								
		5cb		55.2-86.3	VOLCANIC								
					55.2-85.1 med to pale green aphanitic to banded volc, banding or foliation oriented 30-45° TCA, x-cut by mm- to cm size								
70					epidote, chlorite & calcite ± hem.								
					veinlets.								
					local 10 cm calcite-qtz stvg's.								
					85.1-86.3 pale green, pervasive								
					calcite alt'd, intense crackle breccia								
					& chlorite veinlets (mm), 10cm Cc-								
					chl vein @ 86.2								
80		10a		86.3-89.0	MAFIC DIKE, dark green, f.-m.-grained								
					w/ mm-size chloritized augite's,								
					pervasive calcite, few cc amygdules,								
					highly magnetic: DIABASE								
		5cb		89.0-90.1	Volcanic pale green, pervasive calcite,								
90					chl crackle breccia, few qtz-Cc veins								
		10a		90.1-91.2	MAFIC DIKE dark green, aphanitic diabase								
					chl+Cc on fract, magnetic.								
		7		91.2-96.8	MAFIC / UMafic unit.								
		7a			91.2-93.3 med green, med-cse								
					grained listwanite, magnetic,								
					soft, chlorite-rich								
		7a			93.3-94.1 pale green to med grn								
95					med gr to f.g. chl-cb alt'd								

PAGE 4 OF 10 | PROJECT: Cusac | HOLE No. C93-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 5 OF 10 | PROJECT: Cusac | HOLE NO. C93-

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION (D A / G B / S C / ≤ D / M E)	FRACT INTENSITY	T	K
95		5d/7		91.2-96.8 Mafic-Ultramafic unit (cont'd)				
				94.1-96.2 buff, carbonate alt'd, looks like volcanic, banded 20° TCA, x-cut by carby <1cm gray silica & later white qz-cb veinlet stockwk, dissem sulphides in rock & veinlets patchy pale green sericite & remnant				
96				96.2-96.6 CARBONATE VEIN (0.4m)				
				96.6-96.8 buff carb alt'd rock as at 94.1-96.2.				
		7b		96.8-112.8 LISTWANITE				
				96.8-112.8 med gray, carb-alt'd x-cut by <1cm carb veinlet stockwk, dissem magnetite/chromite, local mariposite rich sections				
100								
		10a		112.8-120.1 MAFIC DIKE DIABASE? 10a				
				HW 20° TCA, inclusion 7b 113.7-114.3 Porphyritic w/ large <2cm skeletal xtls black-brn pyroxene & poikilitic text incl of white plag, small <3mm xtls green hbl? plag <1cm, few calcite-chl filled amygdules, chl on fract, chl + garnet (red) veinlets near margins, chilled margin.				
110				magnetic.				
120								

PAGE 6 OF 10 | PROJECT: Cusac | HOLE No. 93-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
94.1 - 96.2 carb alt'n / Qz str zn 1 - 2% dissem fg. - m g. sp > tt > cp > py in alt'd rock & qstz's	1/2									
94.1 - 95.2			1.1	33705	<0.001	<0.02		Reanalyze		Geochem
95.6 - 96.2			0.6	33706	<0.001	<0.02		"		
96.2 - 96.6 Carbonate Vein (0.4m) vuggy white to grey dolomitic carbonate w/ mm to cm size patchy of pale light green sericite or talc. 1% dissem sp > tt > cp	1/2		0.4	33707	<0.001	<0.02		Reanalyze		
96.6 - 96.8 carb alt'd zone < 1% dissem py, sp, cp	1/2		0.2	33708	<0.001	<0.02		Reanalyze		
96.8 - 112.8 1 - 3% dissem mg - e.g. magnetic chromite (magnetite alt'd chromite)	1/2									

PAGE 7 OF 10 | PROJECT: Cusac | HOLE NO.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
120		7a		120.1–120.9 Listwanite (7a) dark green, massive soft talc-serp ± chl? alt'd						
		5Cb		120.9–125.6 Volcanic – banded, med green finely laminated chloritic vole, x-cut by calcite veinlets < 1cm locally, local pervasive calcite, banding 35° TCA, hematite on fract.						
125										
		5Cf		125.6–132.3 Chert						
				125.6–127.4 buff carbonate alt'd bleached, alternating w/ med green chloritic chert, intensely alt'd sections x-cut by white qtz-carb stringers						
				127.4–129.0 med green chert, x-cut by fracture controlled carb alt'n, also minor calcite veinlets + hematite						
130				129.0–129.8 buff-grey carb alt'd chert 10cm qstr @ 129.2 w/ clasts < 2cm chert, x-cut by slickensided carb fibs, assoc w/ cm-size qtz veinlets						
				129.8–132.3 pale green to buff, mod carb-alt'd chert, moderate graphitic crackle breccia, x-cut by < 1cm white qtz-dol veinlets						
135		5Ca/ 5Cf		132.3–135.2 Intercalated Volcanic + Chert med green, aphanitic massive greenstone alternating w/ green chert, local buff carb alt'd sections < 20cm, weak graphitic crackle breccia.						
		5Ce		135.2–148.5 Tuffaceous Chert 5Ce 135.2–136.2 med green, chloritic, weak graphitic crackle bx						
136										

 PROJECT: Cusac ✓ HOLE No. C93-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
125.6 - 126.0 Qtz Stvg Zn bleached chert x-cut by <1cm qstr's (10%), 1-3% disem fg py	//		0.4	33709	<0.001	<0.02				
126.8 - 127.2 Qtz Stvg Zn, ch-all'd bleached chert x-cut by qtz-flooding over 10cm 1-3% disem fg. py in chert & qstr	//		0.4	33710	<0.001	<0.02				
129.2 - 129.8 Qtz Stv Zn disem py in chert & qtz stgs (10%), trace sph - in qtz.	//		0.6	33711	0.003	<0.02				

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
136		Ece		135.2 - 148.5	Tuffaceous chert (cont'd)						
					136.7 - 137.7 Qtz Stvg / breccia zone buff-grey carb alt'd tuffaceous chert x-cut by mod graphite crackle bxg, x-cut by grey silica and white qtz-dol stringers <2cm, two 10 cm vein breccias assoc w/ pyritic-gouge-lined slips. 60° TCA						
138					137.7 - 148.5 med green, x-cut by ① epidote veinlets ② chl crackle bxx ③ Ca-hematite veinlets (rare), weak graphite crackle bxg. cuts ep.						
					148.5 EOH						

Wm. Bell

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~oz~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
136.2-137.7 dissem and fract controlled fg. py, in alt'd wall rock, dissem & bands of fg py in veins. total 2%										33736?
136.3-137.0 see above			0.7	33737	0.006	<0.02				
137.0-137.6			0.6	33738	0.006	<0.02				

DDH No..... C93-10
NORTHING... 6560343.810
EASTING.... 460670.010
ELEVATION.. 1266.353
BASELINE... HOT
TOTAL HORZ 74.2465
TOTAL VERT -89.25512

		PLAN PLOT		LONGITUDINAL PLOT	SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	139.72	-50.24	0.00	1266.35	872.90 S	1050.0 W	0.48 W	COLLAR
4.18	139.72	-50.24	2.68	1263.14	875.53 S	1050.0 W	0.00 W	CL-SECTION
66.20	139.72	-50.24	42.34	1215.46	914.55 S	1050.0 W	7.08 E	HW->LISTWANITE
66.20	139.72	-50.24	42.34	1215.46	914.55 S	1050.0 W	7.08 E	FW->LISTWANITE
73.10	139.72	-50.24	46.75	1210.16	918.89 S	1050.0 W	7.87 E	HW->DIKE
79.40	139.72	-50.24	50.78	1205.31	922.86 S	1050.0 W	8.58 E	FW->DIKE
83.20	139.72	-50.24	53.21	1202.39	925.25 S	1050.0 W	9.02 E	HW->SHEAR ZN
84.90	139.72	-50.24	54.29	1201.08	926.32 S	1050.0 W	9.21 E	FW->SHEAR ZN
91.81	139.72	-50.24	58.71	1195.77	930.67 S	1049.0 W	10.00 E	X-SECTION
95.00	139.72	-50.24	60.75	1193.32	932.67 S	1049.0 W	9.64 W	HW->QSIR ZN
95.40	139.72	-50.24	61.01	1193.01	932.93 S	1049.0 W	9.59 W	FW->QSIR ZN
101.60	139.72	-50.24	64.97	1188.24	936.83 S	1049.0 W	8.88 W	HW->QV 1% PY
102.00	139.72	-50.24	65.23	1187.94	937.08 S	1049.0 W	8.84 W	FW->QV 1% PY
104.90	139.72	-50.24	67.08	1185.71	938.90 S	1049.0 W	8.51 W	HW->PY BXA
106.30	139.72	-50.24	67.98	1184.63	939.78 S	1049.0 W	8.35 W	FW->PY BXA
112.10	139.72	-50.24	71.69	1180.17	943.43 S	1049.0 W	7.68 W	HW->QV BARREN
112.60	139.72	-50.24	72.01	1179.79	943.75 S	1049.0 W	7.63 W	FW->QV BARREN
116.10	0.00	0.00	74.25	1177.10	945.95 S	1049.0 W	7.23 W	END OF HOLE

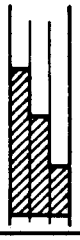
ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CWS Ac	GROUND ELEV.: 1266.353
HOLE No.: C93-10	BEARING: 139° 43'
LOCATION: 60, 343.81 60, 670.01	DIP: -50° 14'
	TOTAL LENGTH: 116.1 m
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 74.2 m
DATE: June 9, 1993	VERTICAL PROJECT: -89.3 m
CONTRACTOR: DJ DRILLING	
CORE SIZE: BQ	
DATE STARTED: June 5, 1993	
DATE COMPLETED: June 7, 1993	
DIP TESTS: NONE	

ALTERATION SCALE



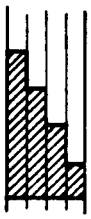
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

BAIN WEST EXTENSION

95.0 - 95.4	0.4 m	0.560, 0.11	gstwn
101.6 - 102.0	0.4 m	0.069, <0.02	QV
112.1 - 112.5	0.5 m	0.002, <0.02	QV

LEGEND

PAGE 1 OF 12 | PROJECT: CUSAC | HOLE No. C93-10

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
0				0.0 - 4.0 CASING								
		76		4.0 - 66.2 LIST WANITE								
				4.0 - 4.5 med grey, intense carb alt'd, magnetic, massive								
		7C		4.5 - 7.0 grey to green, qtz-carb alt'd, mod to intense maripositc, magnetic								
				x-cut by white carb vein breccia								
				@ 5.2, in turn x-cut by open fracture								
10				lined w/ coarse euh py mass., locally								
				vuggy w/ qtz druse, foliated ~10°TCA								
		76		7.0 - 36.0 med grey, foliated 35°TCA,								
				carbonate alt'd, x-cut by open grace								
				dol or qtz veinlets <1cm locally.								
				MAGNETIC								
				some veinlets are fiber veins								
				some banded:								
20		76		dol / chalced. / dol								
		76										
30												
				36.0 - 43.6 med grey, carb alt'd								
				x-cut by carb-talc veinlet (<1cm)								
				stockwk								
40												

PAGE 2 OF 12 | PROJECT: Cusac ✓ | HOLE No. C93-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
4.0-4.5 local dissem c.g. anh py. 1-3%, also fg. black magnetic mag-chromite										
4.5-7.0 dissem, anh, m.g. py + fg po, 1-3%, magnetic.										
7.0-36.0 local dissem py (c.g.), fg. py assoc w/ vuggy veinlets										
dissem fg. to m.g. magnetite 12.										

PAGE 3 OF 12 | PROJECT: Cusac | HOLE No. C93-10

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
40		7b		4.0 - 66.2 LISTWANITE (cont'd)								
				36.0 - 43.1 (cont'd)								
				43.1 - 43.6 med grey, intensely silicified to flooded/veined, x-cut by open fractures lined w/ druzy silica								
				43.6 - 47.0 med to light grey, carb alt'd, x-cut by < 2cm del-talc veins, pitted, slight clay alt'n								
50				magnetic								
		7a		47.0 - 58.5 dark green to med grey serp-chl rock x-cut by carb(dol) veinlet stockwk, and slight-mod pervasive, patchy carb alt'n, magnetic, 10 cm hematite shear @ 47.9								
		7c		58.5 - 61.3 med grey to bright green carbonate - mariposite alt'd listwanite, non magnetic, x-cut by < 1cm del-qz veinlets								
60												
				61.3 - 63.8 intensely silicified, bright green mariposite pyritic listwanite, x-cut by open space druzy qtz - fg. py lined fractures & vugs								
		7c		63.8 - 64.7 Shear zone foliated 55° TCA, bright bluish green, mariposite rich, cm-size blobs of bluish clay,								
64												
		7c		64.7 - 65.4 intensely silicified, bright green, x-cut by chalcedonic open space, vuggy, vein breccia, chalcedony is blue-green colored due to mariposite, chalced supports < 1cm - mm size breccia clasts,								
		7c		65.4 - 66.2 bright green to buff mariposite - rich & carbonate alt'd possible volcanic rock (listwanitized)								
65												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
43.1-43.6 Silicified zone fine-grained py assoc w/ grey qtz vein? = intense silicification 2%			0.5	33712	<0.001	<0.02				
47.0-58.5 disseminated										
58.5-61.3 local dissem m.g. anh py, f.g. py in qtz-del veinlets										
61.3-64.0 intensely pyritic intervals, 10-30% pyrite dissem f.g. to masses, py closely assoc w/ open space drusy fract's										
61.3-62.3			1.0	33713	0.001	<0.02				
62.3-63.1			0.8	33714	0.002	<0.02				
63.1-63.8			0.7	33715	0.001	<0.02				
63.8-64.7 Shear Zone f.g. py on foliation planes 5%.			0.9	33716	<0.001	<0.02				
64.7-65.4 f.g. py assoc w/ choked veins, trace cpy on fract, dissem py 3-5%			0.7	33717	<0.001	<0.02				
65.4-66.2 dissem & fracture controlled f.g. pyrite ~5%			0.8	33718	<0.001	<0.02				

PAGE 5 OF 12 | PROJECT: Cusac | HOLE No. C93-10

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S. C	Se D	M E	FRACT INTENSITY	T	K
65		5Cb		66.2 – 68.3 Volcanic - foliated 66.2 – 68.3 buff, carb alt'd, pitted, x-cut by blue turquoise colored clay filled fract, relict foln 20° TCA.								
		5Ce		68.3 – 71.1 Tuffaceous chert, buff to grey green, carbonate alt'd, x-cut by turquoise colored chalcedony veins < 2cm, pyritic, green color may be maripasite.								
70		5a		71.1 – 73.1 Volcanic - massive, buff, weak graphite crackle breccia, local cherty brecciated sections, x-cut by mm-size dol ± clay veinlets, pitted								
		10		73.1 – 79.4 DIKE - ALTERED, relict feldspar phenos < 1cm, x-cut by bluish chalced - clay - dol ± fg pyrite veinlets FW 25-30° TCA								
75		5f		79.4 – 84.9 Chert. 79.4 – 83.2 pale green to grey, graphite crackle breccia & graphite on slicks, local chalced & dol veinlets local pervasive graphite (argillite?)								
80				83.2 – 84.9 Shear Zone, grey to black foliated, crackle brecciated, locally silica flooded & brecciated, QStr @ 83.2, 84.6, foliation 35-45° TCA 84.5 – 84.9 is sheared & looks like a possible vein structure.								
85												

PAGE 6 OF 12 | PROJECT: Cusac | HOLE No. C93-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	%			COMPOSITE ASSAYS
66.2-68.3 1-2% fg. py on fract										
69.1-69.5 Chalcedony Stvg 2a 1-2cm bluish chalced stgs, brecciated, fine-grained py on fract, trace cpy			0.4	33719	<0.001	<0.02				
69.5-70.1 grey, abundant dissem fg py (aspy?) on fract, grey color may be cryptic sulphide			0.6	33720	<0.001	<0.02				
Intense silicified brx 70.5-71.1 buff, siliceous brecciated chert, dissem fg. pyrite, trace cpy,			0.6	33721	<0.001	<0.02				→
83.2-83.3 Qtz Stvg - white qtz w/ banded sheared wall containing <5mm bands of fg py			0.1	33722	<0.001	<0.02				
84.5-84.9 Qtz Stvg - Sheared zone w/ loose Fels + qtz's w/ laminae of fg. pyrite ~ 3%			0.4	33723	<0.001	<0.02				

PAGE 7 OF 12 | PROJECT: Cusac | HOLE No. C93-10

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
85		5a		84.9 - 101.6 Volcanic								
				84.9 - 85.6 grey-green, x-cut by weak graphitic crackle brx, x-cut by chl veins, fg, massive, leucoxene								
				85.6 - 85.9 Silicified Breccia, grey silica suppt's clasts of alt'd volc, <5mm small vugs lined w/ drusy qtz & py bands/foln 55° TCA.								
86				85.9 - 88.5 med to pale green, fine-grained w/ cse-grained carb patches, x-cut by few ep, chl & cc veinlets								
				88.5 - 89.8 light grey, coarsely mottled intense carb alt'n zone around 2cm qstr @ 89.0								
90				89.8 - 91.5 pale to med green, locally pervasive calcite, leucoxene x-cut by calcite veinlets (mm)								
				91.5 - 93.5 pale grey, intense carb alt'd, x-cut by qtz-dol stgs <5cm (10%) disem py, greyish sericite? local tourmaline in qstr's								
				93.5 - 95.0 med grey to pale green chl-carb alt'd, weak graphitic crackle brx								
95												
		5Cc		95.0 - 95.4 pale grey intense carb alt'd around 10cm white bull qtz stvg, 40° TCA								
				95.4 - 96.9 pale green massive fg, pervasive calcite alt'n, x-cut by mm size calcite veins								
96				local i-dol alt'n.								

PAGE 8 OF 12 | PROJECT: Cusac | HOLE No. C93-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	%			COMPOSITE ASSAYS
84.9-85.6 trace f.g py on fract & slicks										
85.6-85.9 Siliceous Breccia 10% fine-grained py in bands & filling vugs in bxa mtx			0.3	33724	0.038	0.02				
89.0-89.1 2% dissem m.g. py										
92.0-92.6 Qstr Zone <1% dissem m.g. anh py in altd rock 1% dissem f.g py in one 3cm qstr			0.6	33725	0.004	<0.02				
92.6-93.5 Qstr Zone 1-3% dissem m.g. to c.g. euh-anh py in altd rock, trace cpy in qstr, <1% dissem f.g. - m.g py in qstr's <5cm (10%)			0.9	33726	0.046	0.03				
95.0-95.4 2cm band massive py assoc w/ vein is drusy on one side (ie epithermal), minor black tourmaline? or sulphide in vein 3-5% dissem f.g. py in altd rock			0.4	33727	0.560	0.11				

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
96		5Ca		84.9-101.6	Volcanic (cont'd)								
					96.9-98.0 pale grey, spotted, carb alt'd, few cm-size qstr's, one 1cm chalcd strg., mm-dol veinlets								
					98.0-101.5 pale green to locally buff, x-cut by mm-size dol veinlets								
100					101.5-101.6 pale grey intense carb								
		QV		101.6-102.0	101.6-102.0 Qtz vein (0.4m) white to grey qtz, 40° TCA, one pyrite stylolite mid vein								
		5Ca		102.0-112.1	Volcanic, pale grey, carb alt'd zone, med grn spotted text, x-cut by qstr's up to 20 cm (5%) dissem py, pervasive clay alt'n								
105		5Ca	0.6 m L.C.		104.9-106.3 Pyritic Breccia zone grey, carb alt'd volc, x-cut & brecciated by drusy pyrite-filled fractures. Open space 105.2-105.8 (0.6m) lined w/ 10cm drusy py.								
					106.3-111.3 pale green, chl-carb alt'd x-cut by white-clay + dol + fg py filled fract., local buff intense carb alt'n assoc w/ qtz-dol strg's < 3cm.								
110													
					111.3-112.1 med grey, carb alt'd zone, x-cut & pervaded by black graphite-carbon alt'n, x-cut by < 3cm qstr's locally, last 10cm is intensely carb alt'd								
		QV		112.1-112.6	112.1-112.6 Qtz Vein (0.5m) White bull qtz w/ white clay on fract.								
112													

PAGE 10 OF 12 | PROJECT: Cusac | HOLE No. C93-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
97.0-98.0 Y.g. py on fract & locally pervasive, total 2%			1.0	33728	<0.001	<0.02				
101.6-102.0 Qtz Vein (0.4) 1% Y.g. py dissem & on stylolite			0.4	33729	0.069	<0.02				
102.0-102.5 Qstr Zn 1-3% dissem m.g.-c.g. py in alt'd rock, <1% py in qstr's also fracture controlled f.g. py			0.5	33730	0.038	<0.02				
102.5-104.0 Qstr Zn 1% dissem f.g. py, minor fract controlled py										
102.5-103.3			0.8	33731	<0.001	<0.02				
103.3-104.0			0.7	33732	0.004	<0.02				1.7 m 0.002
104.0-104.2 Qtz Stvg white to grey qtz <1% f.g. py in mm-vugs & on stylolitic parting			0.2	33733	0.005	<0.02				
104.9-106.3 Pyritic Breccia 0.6m L.C. = 0.8m., 30% f.g. to massive py in veins & fractures, drusy			1.4	33734	0.004	<0.02				
111.3-112.1 dissem m.g. py assoc w/ qstr's										
112.1-112.6 Qtz Vein barren			0.5	33735	0.002	<0.02				

PAGE 11 OF 12 | PROJECT: Cusac | HOLE No. C93-10

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
112		Sca		112.6 - 116.1 Volcanic								
				112.6 - 113.7 pale green, spotted carb (dissem) alt'd, local grey carb alt'd w/ dissem py & py on fract.	/							
				113.7 - 114.5 med grey, carb alt'd w/ abund dissem & fract controlled sulph. de, 2 slickensided surfaces	/	/						
114				114.5 - 116.1 pale to med green, pervasive calcite alt'n, leucoxene, med grained equigranular.	/							
				116.1 EOH M. Gall								

 PROJECT: Cusac HOLE No. C93-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
112.6 - 113.7 <1% dissem & veinlet controlled py assoc w/ carb altn										
113.7-114.5 5%-10% dissem & veinlet controlled f.g. to m.g. py										

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
112.6 - 113.7 <1% dissem & veinlet controlled py assoc w/ carb altn										
113.7 - 114.5 5% - 10% dissem & veinlet controlled f.g. to m.g. py										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

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DDH No..... C93-11
NORTHING... 6560342.870
EASTING.... 460669.240
ELEVATION.. 1266.328
BASELINE... HOT
TOTAL HORZ 77.2814
TOTAL VERT -96.58752

		PLAN PLOT		LONGITUDINAL PLOT	SECTION PLOT		
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	151.01	-51.34	0.00	1266.33	873.33 S	1050.0 W	1.61 W	COLLAR
33.40	151.01	-51.34	20.87	1240.25	894.19 S	1050.0 W	1.98 W	HW->DIKE
34.40	151.01	-51.34	21.49	1239.47	894.81 S	1050.0 W	1.99 W	FW->DIKE
40.30	151.01	-51.34	25.18	1234.86	898.50 S	1050.0 W	2.06 W	HW->i-Si
45.80	151.01	-51.34	28.61	1230.57	901.94 S	1050.0 W	2.12 W	FW->i-Si
67.30	151.01	-51.34	42.05	1213.78	915.37 S	1050.0 W	2.35 W	HW->LIST
67.30	151.01	-51.34	42.05	1213.78	915.37 S	1050.0 W	2.35 W	FW->LIST
93.60	151.01	-51.34	58.48	1193.24	931.79 S	1050.0 W	2.64 W	HW->QSIR
93.80	151.01	-51.34	58.60	1193.09	931.92 S	1050.0 W	2.65 W	FW->QSIR
106.30	151.01	-51.34	66.41	1183.33	939.73 S	1050.0 W	2.78 W	HW->QV PY
106.70	151.01	-51.34	66.66	1183.01	939.98 S	1050.0 W	2.79 W	FW->QV PY
123.70	0.00	0.00	77.28	1169.74	950.60 S	1050.0 W	2.98 W	END OF HOLE

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV.: 1266.328
HOLE No.: C93-11	BEARING: 151° 00'
LOCATION: 60,342.87 / 60,669.24	DIP: -51° 20'
	TOTAL LENGTH: 123.7
LOGGED BY: M. Ball	HORIZONTAL PROJECT: 77.3 m
DATE: June 11, 1993	VERTICAL PROJECT: -96.6 m
CONTRACTOR: DJ DRILLING	ALTERATION SCALE: absent; slight; moderate; intense
CORE SIZE: BQ	
DATE STARTED: June 8, 1993	TOTAL SULPHIDE SCALE: traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: June 9, 1993	
DIP TESTS: None	
COMMENTS: 106.3 - 106.7 0.4m <0.001, <0.02 %V	LEGEND

PAGE 1 OF | PROJECT: Muskeg | HOLE No. C93-11

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
0				0.0 - 3.4 CASING								
		7b		3.4 - 33.4 LISTWANITE								
				3.4 - 23.1 med grey, foliated 30 - 35° TCA, rusty & weathered to ~7m, magnetic, x-cut locally by < 5cm white bull qtz stringers, also local grey microcryst silica veinlets ≤ 1cm								
20		7b		23.1 - 33.4 med to pale grey, mottled, carb alt'd & locally pervasive silica assoc w/ silica-dol veins, local manjes. to, local clay alt'n, magnetic, in part foliated								
				33.4 - 34.4 MAFIC DIKE med-dark green, massive fg. to aphanitic, chloritic								
30				34.4 - 67.3 LISTWANITE								
				34.4 - 40.3 med to pale grey, foliated, 50° TCA, local manjesite, serp-rich w/ mg porphyroblastic ends carb at dike margins								
40				40.3 - 42.7 dark grey, intensely silicified, pyritic, banded 60° TCA,								
				42.7 - 43.5 med grey to bright green, 50% rubble, in part brecciated, probable Fault gouge zone,								
45				43.5 - 44.8 med grey, intensely silicified 10 cm breccia 40° TCA w/ fg-matrix to mm-size silica clasts & open spaces, silica cemented breccia. FN 40° TCA								

i.s. fault zone MAJOR

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PAGE 2 OF | PROJECT: CUSAC | HOLE No. C93-11

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
3.4 - 23.1 local f.g. py	/									
assoc w/ grey silica veinlets										
	/									
also dissem f.g. black										
magnetite & chromite										
	/									
	/									
40.3-42.7 5-30% f.g.	////									
pyrite dissem, vein & massive	////									
40.3 - 41.3			1.0	33739	0.005	<0.02				
41.3 - 42.3			1.0	33740	0.004	<0.02				
42.3 - 42.7			0.4	33741	0.004	<0.02				
42.7 - 43.5 1-3% f.g. py										
in clasts & dissem in pyritic										
fault rubble										
43.5 - 44.5 5-15% f.g.	////		1.0	33742	0.002	<0.02				
py in brx matrix & dissem	///									

through silicified rock, also f.g. py-filled veinlets.

PAGE 3 OF | PROJECT: CMSAC | HOLE No. C93-19

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Se D	M E	FRACT INTENSITY	T	K
45		7b		34.4 - 67.3 ZISTWANITE (cont'd)								
				44.8 - 45.8 med grey, silicified, brecciated w/ sub ang silicified clasts <2cm supported by an open space to fi'led matrix of silica + dol open spaces lined w/ fine gtz drusy weakly magnetic, grades from breccia to veined downhole								
46		7c		45.8 - 61.8 med grey mottled w/ bright green mariposite patches, carb alt'd, xcut by white dol-gtz veinlets < 1cm stockwk, locally faulted w/ 5-10° on fract, local hematite alt'n in patches, (after mag?)								
		7c		mariposite is unusually pale green waxy looking,								
50				core is magnetic								
		7c										
60												
		7c		61.8 - 67.1 dark grey-green intensely silicified, anastomosing white gtz veinlets < 1cm x-cut by anast. creamy dol veinlets, dissem & fract fill 1% pyrite-marcasite patchy mariposite								
		7c		67.1 - 67.3 bright green to dark grey mariposite rich, silicified to approx a vein, 70° in/hand 70° TCA turquoise blue clay / marip patches								
70												

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PAGE 4 OF	PROJECT: CUSAC ✓									HOLE No. C93-11
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
45.8 - 61.8 local f.g. py (1%) assoc w/ silica veining & w-flts										
dissem black chl / mag										
61.8 - 67.1 3-5% dissem, fracture - fill & vug lining marcasite: looks like f.g. pyrite but forms hexagonal plates i.e.										
Test Assay 64.4 - 65.4 10% marcasite			1.0	33743	0.028	<0.02				
67.1 - 67.3 Grey Qtz (vein?) trace f.g. py + cpy ? in foln parallel parting			0.2	33744	0.003	<0.02				

PAGE 5 OF | PROJECT: UKHC | HOLE No. C93-11

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
70		Scf/ Scf		67.3 - 79.5 Volcanic + Chert								
				67.3 - 70.8 buff, carb alt'd vole w/ 50% pale green chert, x-cut by pale blue turquoise coloured chalcedony + clay veinlets & fractures.								
				70.8 - 78.3 pale green, massive f.g. vole, x-cut by chl-crackle brx, x-cut by pale blue chalced + clay-py filled fracts & veins, x-cut by creamy chl-py filled veinlets (mm-scale)								
75												
		Sca/ Vi		79.5 - Volcanic/Intrusive massive								
				78.3 - 79.5 buff, foliated 40° TCA cherty section, few sheared sections x-cut by creamy chl-filled veinlets.								
				79.5 - 81.1 pale green, f.g. massive vole, leucocrene x-cut by mm-scale chl veinlets stockwk, local hematite								
80												
				81.1 - 82.3 buff, to pale green, carb-clay alt'd f.g. vole, x-cut by creamy (E) chl + white clay + mercasite + also (D) chalcedony veinlets (1/cm)								
				82.3 - 83.7 buff - carb-chl alt'd vole x-cut by chl-stockwk								
85												
				83.7 - 86.2 buff, spotted, carb-sericite alt'd rock x-cut by weak black graphitic crackle brx, x-cut by rare white qtz stgs < 10 cm								
				86.2 - 88.9 med green, chloritic massive f.g. vole, calcite veinlets, fractures & locally pervasive leucocrene, 10cm silica-flt rubble								
90				@ 88.1								

PAGE 6 OF | PROJECT: CMSAC | HOLE No. C93-11

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	Au opt	Ag opt	%			COMPOSITE ASSAYS
67.3 - 70.8 marcasite assoc w/ dol veinlets + qtz vnlts.										
70.8 - 78.3 marcasite assoc w/ dol veinlets										
78.3 - 79.5 dissem 1% py/ marcasite										
83.7 - 86.2 trace dissem m.g anh py.										
5cm Qtz vn @ 85.8 - 85.9 has 1% f.g. py along a parting			0.1	33745	0.009	<0.02				

PAGE 7 OF | PROJECT: CUSAC | HOLE No. C93-11

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
90		5a		79.5-106.3 Volcanic - massive (cont'd)								
				88.9-92.0 buff, carb alt'd, largely crumbly clay alt'n, blue chalcedony veins <2cm @ 90.0, pyritic qtz rubble @ 90.5								
				92.0-93.1 pale green, chl-carb alt'd, fissile clay alt'd								
95				93.1-94.0 buff, carb alt'd, spotty sericite alt'n, mm-scale py-filled fract. 2cm qstz @ 93.6 in center of alt'n zone								
				94.0-101.8 med green, chloritic massive f.g. leucoxene, calcite veinlets & locally pervasive.								
100												
				101.8-102.5 pale green weak carb alt'n assoc. w/ 5cm 1% marcasite-dol vein @ 102.0								
				102.5-106.2 med green f.g. weak graphitic crackle brx x-cut by mm-scale calcite veinlets, leucoxene								
105												
				106.2-106.3 med gray carb alt'd x-cut by gray silica veinlets, disem f.g. py, leucoxene								
		QV		106.3-106.7 106.3-106.7 Qtz vein, white coarse-grained qtz, dolomite on vein margin, vuggy, clay-filled fractures								
106												

PAGE 4 OF	PROJECT: CUSAC	HOLE No. C93-11

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
88.9-92.0 Tr py, pyrite (marcasite) in mm-scale veinlets, also locally pervasive										
93.1-94.0 1-3% disseminated fg py, py on fract.										
93.6-93.8 Qtz Stvg. white qtz brxid & x-cut by grey qtz, dissem mg py (<1%) & fg py on partings (<1%) 45° TCA.			0.2	33746	0.028	0.02				
101.8-102.1 Tr fg pyrite (marcasite) on fract & lining vugs (<1%)										
106.2-106.3 2% dissem fg py										
106.3-106.7 Qtz Vein (0.4) trace dissem fg py			0.4	33747	<0.001	<0.02				

PAGE 9 OF 10 | PROJECT: CMSAC | HOLE No. C93-11

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
106		Sca		106.7-123.7	Volcanic - massive								
					106.7-107.1 dark grey, carb alt'd mod graphitic crackle brx, x-cut by white qtz stvg's <1 cm								
					107.1-110.9 pale green, weak carb-alt'd x-cut by epidote, chl & calcite veinlets, pervasive calcite								
110					110.9-111.8 buff, carb alt'd x-cut by grey silica veinlets after chl, 2cm white qtz-chl stvg @ 111.6								
					111.8-123.7 med green, chl-rich V.g. massive leucoxene, x-cut by rare epidote, chl or calcite veinlets (mm), locally pervasive calcite, local 10-20cm chl-qtz stvg's.								
					123.7 EOH								
					Mg Ball.								

PAGE 10 OF 10	PROJECT: CUSAC	HOLE No. C93-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
106.7 - 107.1 Qtz STRG ZN 2% gtz-dol str-g's, 1% dissem m.g. py, <1% dissem f.g. arsenopy.			0.4	33748	0.002	<0.02				
110.9 - 111.8 3% dissem m.g. to C.g. pyritohedrons			0.9	N/A						

PAGE OF | PROJECT: | HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

DDH No..... C93-12
NORTHING... 6560341.840
EASTING.... 460668.840
ELEVATION.. 1266.33
BASELINE... HOT
TOTAL HORZ 73.91901
TOTAL VERT -84.40735

					LONGITUDINAL PLOT				
	PLAN PLOT				SECTION PLOT				
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTION
0.00	168.42	-48.79	0.00	1266.33	874.02 S	1050.0 W	2.48 W	COLLAR
36.14	168.42	-48.79	23.81	1239.14	896.61 S	1051.0 W	10.00 W	X-SECTION
50.70	168.42	-48.79	33.40	1228.19	905.71 S	1051.0 W	6.97 E	HW->i-Py List
65.90	168.42	-48.79	43.42	1216.75	915.21 S	1051.0 W	3.81 E	FW->i-Py List
84.00	168.42	-48.79	55.34	1203.14	926.52 S	1051.0 W	0.04 E	HW->QSIR ZN
84.18	168.42	-48.79	55.46	1203.00	926.64 S	1051.0 W	0.00 W	CL-SECTION
84.30	168.42	-48.79	55.54	1202.91	926.71 S	1051.0 W	0.02 W	FW->QSIR ZN
84.30	168.42	-48.79	55.54	1202.91	926.71 S	1051.0 W	0.02 W	HW->QV VG
84.60	168.42	-48.79	55.74	1202.69	926.90 S	1051.0 W	0.09 W	HW->QSIR ZN
84.60	168.42	-48.79	55.74	1202.69	926.90 S	1051.0 W	0.09 W	FW->QV VG
84.90	168.42	-48.79	55.93	1202.46	927.09 S	1051.0 W	0.15 W	FW->QSIR ZN
86.20	168.42	-48.79	56.79	1201.48	927.90 S	1051.0 W	0.42 W	HW->Base List
86.20	168.42	-48.79	56.79	1201.48	927.90 S	1051.0 W	0.42 W	FW->Base List
87.70	168.42	-48.79	57.78	1200.35	928.84 S	1051.0 W	0.73 W	HW->QV VG
88.40	168.42	-48.79	58.24	1199.83	929.27 S	1051.0 W	0.88 W	FW->QV VG
106.00	168.42	-48.79	69.83	1186.59	940.27 S	1051.0 W	4.54 W	HW->QSIR ZN
106.20	168.42	-48.79	69.97	1186.44	940.40 S	1051.0 W	4.58 W	FW->QSIR ZN
106.20	168.42	-48.79	69.97	1186.44	940.40 S	1051.0 W	4.58 W	HW->QV PY
106.50	168.42	-48.79	70.16	1186.21	940.59 S	1051.0 W	4.65 W	FW->QV PY
112.20	0.00	0.00	73.92	1181.92	944.15 S	1051.0 W	5.83 W	END OF HOLE

SURFACE STADIA TRAVERSE ANGLES NOT DOUBLED

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV.: 1266.330
HOLE No.: C93-12	BEARING: 168° 25'
LOCATION: 60,841.84N 60,668.84E	DIP: -48° 47'
	TOTAL LENGTH: 112.2 m
LOGGED BY: M. Bell	HORIZONTAL PROJECT: 73.9
DATE: June 11, 12 1993	VERTICAL PROJECT: -84.4
CONTRACTOR: DJ DRILLING	
CORE SIZE: BQ	
DATE STARTED: June 10, 1993	
DATE COMPLETED: June 12, 1993	
DIP TESTS: NONE	

ALTERATION SCALE

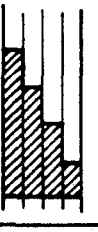
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

Bair Vein West Extension

Exploratory hole

50.7 - 65.9	15.2m	pyritic list	no significant grade
84.0 - 84.3	0.3m	0.522, 0.08 qstr zn	
84.3 - 84.6	0.3m	14.515, 1.82 qv #1	0.9m 5.051, 0.64
84.6 - 84.9	0.3m	0.115, 0.02 qstr zn	
87.7 - 88.4	0.7m	0.694, 0.09 QV #2	
106.0 - 106.2	0.2m	0.108, 0.04 py-vein	
106.2 - 106.5	0.3m	0.026, <0.02 QV #3	

LEGEND

PAGE / OF | PROJECT: | HOLE No. C93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
0				0.0 - 3.4 CASING								
				3.4 - 67.7 LISTWANITE								
		7b	✓	3.4 - 38.9 med grey, foliated, 40° TCA, x-cut by occassional < 1cm qz-dol veinlets, magnetic, local pyrite lined vugs.								
			✓									
				weak to moderate mariposite in alt'n zones to gs^tr's 7.1 - 7.4, 14.2 - 14.6, 21.5 - 22.3, 32.5 - 33.0								
20												
			✓									
				0.2m (true width) vein breccia 21.5 - 22.3 is white massive to clear vuggy qtz supporting slightly rotated angular listwanite clasts 1-10 cm.								
			✓									
				Pyritic Listwanite								
				38.9 - 42.7 dark grey - brown, intensely silicified, fractured, vuggy, vugs lined w/ qtz & py druse, f.g pale brown discon grains may be carb. (or gph?)								
40												
				42.1 - 42.3 breccia w/ grey clasts < 2cm in siliceous matr, totally silicified 55° TCA								
42												
				42.7 - 43.3 med green, silicified, x-cut by white dol veinlets								
		7b		43.3 - 44.4 dark grey, intensely silicified, mottled brown.								
				44.4 - 44.8 med grey, silicified, x-cut by dol veinlets, irreg, mm-scal								
45												

PAGE 2 OF | PROJECT: | HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
38.9 - 39.9 1-5% fg py in clots < 1cm			1.0	33749	<0.001	<0.02				
39.9 - 40.9 5-30% fg py as cl.'s, diss. & masses < 5cm			1.0	33750	0.003	0.02				
40.9 - 41.8 5% fg py as dissem clots, masses, fract fill "			0.9	33602	0.003	<0.02				
41.8 - 42.8 5-10% fg - mg. py dissem, fract-fill, clots, also 1% dissem m.g. pyrhotite, magnetic			1.0	33603	0.004	<0.02				
43.3 - 44.4 1-5% dissem f.g. - m.g. py, 1% m.g - c.g pyrhotite			1.1	33604	<0.001	<0.02				

PAGE 3 OF | PROJECT: | HOLE No. C93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
45				3.4 - 67.7 Ultramafic (cont'd)								
		7c		44.8 - 46.6 mod to dark grey, brown and green, intensely silicified sections of weak metasomatic alt'n, relict chromite/magnetite, PYRITIC								
		7c		46.6 - 46.8 med grey x-cut by irreg dol veinlet stockwk.								
47				46.8 - 47.1 dark grey, pyritic, silicified, x-cut by clear, drusy qtz veinlets 5 cm								
		7b		47.1 - 47.4 med grey, spotted, silicified x-cut by creamy dol-qtz veinlets,								
		7b		47.4 - 48.4 mod to dark grey, intensely silicified & pyritic, few cm-size vugs & drusy fract's								
48												
		7b		48.4 - 50.7 med grey, pitted (talc?) carb alt'd, x-cut by creamy dol veinlets.								
50												
		7c		50.7 - 58.2 Pyritic Ultramafic dark grey, intensely silicified, fr abund mm-size vugs - drusy local pale carb veinlets, local weak metasomatic.								
60												

PAGE 4 OF | PROJECT: | HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
44.8 - 45.8 patches of 30% disem fg py (marcasite)			1.0	33605	<0.001	<0.02				
45.8 - 46.6 patches of 30% disem fg py (marcasite) and grain cpy in dol veinlet			0.8	33606	<0.001	<0.02				
46.8 - 47.1 patches of 20% disem blebby marcasite			0.3	33607	<0.001	<0.02				
47.1 - 47.4 < 1% disem mg. py										
47.4 - 48.4 5-10% disem, veinlets, clots, druse of fg py/marcasite			1.0	33608	<0.001	<0.02				
48.4 - 50.7 disem fg. mag/ Chromite,										
50.7 - 58.2 Pyritic tetrahedrite 5-20% disem & vug filling py/marcasite,										
50.7 - 51.7			1.0	33609	0.002	<0.02				
51.7 - 52.7			1.0	33610	<0.001	0.04				
52.7 - 53.7			1.0	33611	<0.001	<0.02				
53.7 - 54.7			1.0	33612	<0.001	<0.02				
54.7 - 55.7			1.0	33613	0.002	<0.02				
55.7 - 56.7			1.0	33614	<0.001	<0.02				
56.7 - 57.7			1.0	33615	0.001	<0.02				
57.7 - 58.2			0.5	33616	0.002	<0.02				

PAGE 5 OF | PROJECT: | HOLE No. C93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
60				3.4-67.7 Listwanite (cont'd)								
		7c		58.2-65.9 bright green alternating w/ grey, silicified mariposite rich massive to foliated, pyritic								
				sulphide rich patches & bands permeate mariposite rich portions								
				local qtz drusy vugs								
65												
		7b		65.9-67.7 med grey, siliceous, carbonate altd listwanite, x-cut by creamy dol veinlets white qtz veinlets, weak mariposite locally, last 10 cm may be C-O sc?								
				67.7-69.6 MAFIC DIKE - Diabase, med green, chloritic, white feldspar phenos < 1cm, white carbonate porphyro-blasts < 3mm, x-cut by < 2cm calcite-chlorite vein FW 70° TCA.								
70												
		7b		69.6-84.3 LISTWANITE 7								
				69.6-84.0 med to pale grey, carb rich, talc, x-cut by white dol + talc veins,								
80												
		7c		84.0-84.3 bright green, foliated, x-cut by white qtz & white dol strg's.								
		QV		84.3-84.6 Qtz Vein (0.25 m) white qtz containing patches & clasts of grey qtz 85° TCA.								
85												

PAGE 6 OF | PROJECT: ✓ | HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	%			COMPOSITE ASSAYS
58.2 - 65.9 Pyritic Listwanite										
3-15% pyrite as dissem &										
veinlets. Py is f.g. to m.g.,										
locally bladed & probably is										
marcasite.										
58.2 - 59.2			1.0	33617	0.002	<0.02				
59.2 - 60.2			1.0	33618	0.002	<0.02				
60.2 - 61.2			1.0	33619	0.001	<0.02				
61.2 - 62.2			1.0	33620	0.002	<0.02				
62.2 - 63.2			1.0	33621	<0.001	<0.02				
63.2 - 64.2			1.0	33622	0.002	<0.02				
64.2 - 65.2			1.0	33623	<0.001	<0.02				
65.2 - 65.9			0.7	33624	<0.001	<0.02				
65.9 - 67.7 <1% dissem										
f.g. m.g. py.										
magnetic										
69.6 - 84.0 <1% dissem m.g.										
pyrite, locally up to 5%										
84.0 - 84.3 Qtz Stv Zone			0.3	33625	0.522	0.08				
10% <1cm qtz's, trace cpy,										
trace dissem f.g. py.										
84.3 - 84.6 Qtz Vein			0.3	33626	14.515	1.82				
29 grains VG, 3cm band										
massive py, some gold w/ py,										
minor sph.										

PAGE 7 OF | PROJECT: | HOLE No. C93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Se D	M E	FRACT INTENSITY	T	K
85		Ft		84.6-86.2 LISTWANITE 84.6-84.9 bright green, foliated listwanite, x-cut by qstr's < 1cm (10%), 84.9-86.2 med grey to bright green, carb-mariposite alt'd, foliated 70° TCA, few <0.5cm white dol stkgs. FW is a wk FLT 60° TCA.								
		5Ca		86.2-87.8 Volcanic 86.2-86.8 buff-pale grn, carb-chl alt'd, x-cut by white dol veinlets < 1mm. 86.8-87.8 buff, intense carb alt'd, x-cut by qstr's < 1cm (3%)								
87		QV		87.7-88.4 Qtz Vein (0.7m) 55° TCA white qtz with bands of grey qtz near hbw, FW 0.2 m is barren & contains 50% white clay alt'd wall rock.								
88		5Ca		88.4-106.2 Volcanic 88.4-88.5 buff, intense carb alt'd dissem py 88.5-89.7 buff-pale green, chl-carb alt'd, x-cut by mm-size dol veinlets 89.7-90.6 buff, intense carb alt'd x-cut by mm-scale grey carb & silica veinlets								

PAGE 8 OF | PROJECT: | HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
84.6-84.9 one grain VG in qstr, <1% disem py			0.3	33627	0.115	0.02		0.9m	5.05	
84.9-86.2 1% disem fg chromite										
86.8-87.7 <1%-1% disem py (f.g - m.g.) in volc & qstr's			0.9	33628	0.086	<0.02				
87.7-88.4 Qtz Vein (0.7m)										
87.7-87.9 5 grains (tiny) VG in pyritic bands, trace disem sph., total sulphide ~2%			0.2	33629	2.400	0.32		0.7m @	0.694, 0.09	
87.9-88.4 white qtz w/ pyritic stylolites & fractures, grades to barren qtz-clay vein			0.5	33630	0.012	<0.02				
88.4-88.5 1-3% disem m.g. py			0.1							
89.7-90.6 1% disem fg.-m.g. py										

PAGE 9 OF | PROJECT: | HOLE No. C93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
90		5Ca		88.4 - 106.2 Volcanic (Cont'd)								
				90.6 - 93.3 med green, med grained massive leucocrene, grades to pale green, weak green clay								
				93.3 - 93.7 buff, intense carb alt'd, 1 cm dol str @ 93.5,								
		5Ca		93.7 - 97.8 med green, med grained, massive, leucocrene, xcut by epidote and calcite veinlets, locally pervasive calcite, local hematite.								
95												
				97.8 - 99.6 buff, intense carb alt'd, sericite after plag, qtz-dol vein (10 cm) 30° TCA @ 99.5.								
		4Ca		99.6 - 103.3 med green, med grained massive, epidote veinlets, leucocrene, minor disem carb alt'n,								
100												
				103.3 - 104.9 buff to grey, carb alt'd, weak pervasive graphite, x-cut by white, barren qtz's 10 cm @ 103.7, 10 cm @ 104.5								
105				104.9 - 106.0 pale green to buff, chl - carb alt'd in varying proportions, white clay-filled fractures, pervasive green to white clay alt'n								
				106.0 - 106.2 buff, intense carb alt'd pervasive white clay.								
106												

PAGE 10 OF	PROJECT:	HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
93.3 - 93.7 1-3% dissem py in volc & assoc w/ dol str in bands.	1									
97.6 - 98.6 fg-mg pyrite dissem & on fract in volc & in dol str ~2%	1		1.0	33631	<0.001	<0.02				
103.3 - 104.9 dstr zone very minor dissem f.g. py (1%) in alt'd rock adjacent to qst.s	1									
106.0 - 106.2 pyritic volc 3-30% dissem f.g. & m.g. py	1		0.2	33632	0.108	0.04				

PAGE 11 OF	PROJECT:	HOLE No. 93-12

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	T
		QV		106.2-106.5 Qtz Vein (0.3m) 55° TCA. White qtz containing grey qtz patches & angular clasts of alt'd wall rock, py disseminated in wall rock clasts & in vein. FW 5cm is buff carb alt'd py-vnlt								
		Sca		106.5-112.2 Volcanic, massive, Med green, f.g - to med grained, x-cut by chl, ep, calcite veinlets, local pervasive calcite, local pervasive hematite.								
				112.2 EOH								
				M. Bell								

PAGE 12 OF	PROJECT:	HOLE No. C93-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
106.2 - 106.5 Qtz Vein										
3% dissem m.g. to c.g. py			0.3	33633	0.026	<0.02				
in altd rock clasts & in vein										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY

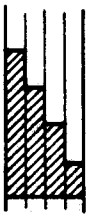
DDH No..... C93-13
NORTHING... 6560074.100
EASTING.... 461001.510
ELEVATION.. 1236.792
BASELINE... HOT
TOTAL HORZ 121.7382
TOTAL VERT -110.783

				LONGITUDINAL PLOT			
	PLAN PLOT			SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTIO
0.00	5.32	-42.30	0.00	1236.79	1272.22 S	1042.0 W	8.24 W	COLLAR
19.28	5.32	-42.30	14.26	1223.81	1260.59 S	1042.0 W	0.00 W	CL-SECTIO
42.67	5.32	-42.30	31.56	1208.07	1246.47 S	1041.0 W	10.00 E	X-SECTIO
43.00	5.32	-42.30	31.80	1207.85	1246.27 S	1041.0 W	9.86 W	HW->LIST
66.06	5.32	-42.30	48.86	1192.33	1232.36 S	1041.0 W	0.00 W	CL-SECTIO
89.44	5.32	-42.30	66.15	1176.59	1218.25 S	1040.0 W	10.00 E	X-SECTIO
112.83	5.32	-42.30	83.45	1160.85	1204.13 S	1040.0 W	0.00 W	CL-SECTIO
136.22	5.32	-42.30	100.75	1145.11	1190.02 S	1039.0 W	10.00 E	X-SECTIO
148.30	5.32	-42.30	109.68	1136.98	1182.73 S	1039.0 W	4.83 W	FW->LIST
149.30	5.32	-42.30	110.42	1136.31	1182.12 S	1039.0 W	4.41 W	HW->QSTRZ
150.00	5.32	-42.30	110.94	1135.84	1181.70 S	1039.0 W	4.11 W	FW->QSTRZ
150.50	5.32	-42.30	111.31	1135.50	1181.40 S	1039.0 W	3.89 W	HW->QSTRZ
51.00	5.32	-42.30	111.68	1135.16	1181.10 S	1039.0 W	3.68 W	FW->QSTRZ
152.20	5.32	-42.30	112.57	1134.35	1180.37 S	1039.0 W	3.17 W	HW->QSTR
152.40	5.32	-42.30	112.72	1134.22	1180.25 S	1039.0 W	3.08 W	FW->QSTR
159.61	5.32	-42.30	118.05	1129.37	1175.90 S	1039.0 W	0.00 W	CL-SECTIO
164.60	0.00	0.00	121.74	1126.01	1172.89 S	1039.0 W	2.13 E	END OF HO

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT CusAC / UBC	**GROUND ELEV.** 1236.792
HOLE No. C93-13 (LOV 2)	**BEARING** 005° 19' 07"
LOCATION 60074.100 N 61001.510 E	**DIP** -42° 30' 25"
	TOTAL LENGTH 167.6
LOGGED BY M. BALL	**HORIZONTAL PROJECT**
DATE July 23, 1993	**VERTICAL PROJECT**
CONTRACTOR DJ DRILLING	**ALTERATION SCALE**  absent slight moderate intense
CORE SIZE BQ	
DATE STARTED July 20, 1993	**TOTAL SULPHIDE SCALE**  traces only < 1% 1% – 3% 3% – 10% > 10%
DATE COMPLETED July 25, 1993	
DIP TESTS NONE	
COMMENTS Drilled to test large S dipping chargeability anomaly @ 200S L1125E, KSE/BAIN 1990 Grid	**LEGEND** D = dolomite/magnesite/Anker G = graphite Si = Silica Se = Sericite M = Mariposite/Fuchsite Frac. Intensity = crackle brec T = Talc K = Clay

PAGE 1 OF 14 | PROJECT: CMSAC | HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S C	Se D	M E	FRACT INTENSITY	T	K
0.0				0.0 - 3.0 CASING								
	97			3.0 - 17.1 Argillite dark grey, brecciated, breccia consists of subangular clasts mm to decimeter size, moderately well sorted clasts support a black, fine-grained, argillaceous/graphitic matrix (5%), clasts are argillite, siltstone > greywacke, > chert, core is weakly foliated ~45° TCA, clasts & mtx x-cut by folded mm-size tension veinlets of calcite. Entire core is limy								
10												
	94											
	1			17.1 - 21.7 LISTWANITE 60° TCA. pale green-grey, weakly foliated to massive, could be mafic gabbro because looks similar to volcanic, pervasive & < 1cm stockwork controlled calcite alteration few chlorite-filled fractures, mottled w/ chl pseudomorphs of pxn < 3mm, few graphitic fractures, magnetic								
20				21.7 - 22.0 MAFIC DIKE dark green, 10% < 3mm plag phenos, 1% < 3mm pxn phenos chloritized, non magnetic								
22												
	93			22.0 - 23.7 LISTWANITE - AS AT 17.1 - 21.7								
				23.7 - 24.1 Mafic Dike, dark brown, aphanitic w/ 5% < 3mm phenos of pxn (half are black, half green (chloritized)), few inclusions of mafic/umafic rock.								
24				24.1 - 38.4 LISTWANITE								

PAGE 2 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
3.0 - 17.1 disseminated fine-gr pyrite in greywacke clasts & in matrix 1-2%										
local clusters up to 2cm diam										
5.5 - 5.8			C.3	33651	½ to UBC			½ for Petrography		
17.1 - 21.7 3-5% dissem & fracture controlled fine-grained pyrite										
21.0 - 21.3			0.3	33652	GEOPHYSICS / PETROGRAPHY					
22.0 - 24.1 3-5% dissem fg. pyrite										

PAGE 3 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S, C	Se D	M E	FRACT INTENSITY	T	K
24				24.1-38.4 LISTWANITE								
				24.1-29.2 pale green to grey, moderately foliated 50°TCA, pervasive and <1cm veinlet contorted calcite, disem leucoxene, altered gabbro?								
30				29.2-30.2 pale grey, broken, white clay + calcite filled fractures,								
	98			30.2-30.4 pale green, weak carb alt'd as at 23.7-29.2								
				30.4-30.6 Qtz stringer minor broken core, white calcite + grey microcrystalline qtz (chalced?) stockwork to breccia								
31				30.6-30.9 pale grey, moderate carb altered, x-cut by calcite veinlets <1cm								
				30.9-34.1 pale to med green, x-cut by calcite veinlets <3cm, leucoxene - fg. disem, pervasive calcite becomes moderately foliated 30-50° TA down hole, weak pervasive black graphite								
35				34.1-37.3 medium green, massive, medium grained spotted, x-cut by few <1cm calcite veinlets, local inclusions of foliated, graphitic rock, spots are chlorite & carbonate grains.								
	96			37.3-38.4 pale green, broken, weak pervasive graphite alteration increases down hole, x-cut by <1cm stockwork calcite veinlets.								
39												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
1-3% dissem & fracture controlled fine-grained py										
local clusters up to 1cm										
3-5% dissem fg pyrite										
1-2% dissem, veinlet & fract controlled pyrite > pyrrhotite										
34.1-37.3 disseminated & veinlet controlled pyrrhotite > pyrite 1%										
34.2-34.5			0.3	33653	GEOPHYSICS / PETROGRAPHY					
37.3-38.4 1-3% dissem fg to med grained pyrite > pyrrhotite										

PAGE 5 OF 14 | PROJECT: CMS AC | HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
38	96	10a		38.4 - 39.1 MAFIC DIKE dark brown, aphanitic groundmass, mm-size phenos (30%) of ① white feldspar ② translucent feldspar ③ green pyroxene (chloritized?) ④ black pyroxene non magnetic.								
				39.1 - 43.0 LISTWANITE / MAFIC								
		7b		39.1 - 43.0 medium to dark grey, massive, moderately broken, x-cut by < 5mm translucent grey quartz > calcite veinlet stockwork - weak, trace of white clay on fractures, moderate pervasive graphite alteration, no pervasive calcite ⇒ dolomite								
40												
	99											
				43.0 - 148.3 LISTWANITE / ULTRAMAFIC								
		7b		43.0 - 44.5 very pale green, massive spotted, medium grained, talc-rich w/ dissem ± veinlet carbonate, dissem black grains < 3mm (15%) carbonate weakly magnetic.								
44												
		7b		44.5 - 55.9 grey - pale green, talc ± serpentine, magnetic, x-cut by mm-size carb veinlet stockwork, also mm-talc veinlet stockwk, moderately abund talcose fractures.								
	82											
50												
		7b		55.9 - 91.3 mod green to grey, mottled talc rich, possibly minor serpentine, strongly magnetic, x-cut by weak talc-carbonate < 5mm veinlet stockwork, local sections pale blue/grey talc-carb rock w/ trace dissem hematite								
	95											
70												

PAGE 6 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
39.1 - 43.0 1-3% disseminated & fracture controlled fine-grained pyrite (marcasite?)	//									
41.1 - 41.4	//		0.3	33654	GEOPHYSICS / PETROGRAPHY					
55.9 - 91.3 disseminated med grained chromite/magnetite 1-2%	//									
61.3 - 61.6	//		0.3	33655	GEOPHYSICS / PETROGRAPHY					

PROJECT: CUSAC

HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S. C	Se D	M E	FRACT INTENSITY	T	K
70				43.0 - 148.3 LISTWANITE / ULTRAMAFIC								
				55.9 - 91.3 (cont'd)								
		7b	•	dissem med grained carbonate								
90		7b	~	91.3 - 96.0 very pale blue-green slightly harder, more carbonate rich than talc, weakly magnetic, x-cut by silica - carb veinlets < 1cm, local broken core + rubble								
			~	96.0 - 99.0 pale grey, carbonate > talc, x-cut by silica veinlets < 1cm,								
			~	10 cm fault breccia @ 96.6, rubble								
100			~	+ qtz @ 96.3, weak black graphite toward end of section								
				99.0 - 99.8 pale green, talc - serp very soft, fractured, dissem med grained carbonate, non magnetic								
				99.8 - 110.0 pale green-grey grading downhole to dark grey, magnetic, x-cut by talc - carb veinlets < 1cm stockwork, med grained dissem carbonate.								
110		7a		110.0 - 119.0 dark green, serpentinized x-cut by mm-size carbonate-(qtz) veinlets minor, dissem carbonate 1-2 mm ASBESTOS fiber veinlets @ 111.0 strongly magnetic, x-cut by hematitic shear veins and hematite-filled fractures locally.								
120												

PAGE 8 OF 14 | PROJECT: CMSAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
91.3 - 96.0 1-3% dissem fine-grained specularite										
93.5 - 93.8			03	33656	GEOPHYSICS / PETROGRAPHY					
96.0 - 99.0 < 1% dissem local specularite.										

PAGE 9 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
120				43.0–148.3 LISTWANITE (cont'd)								
		7b		119.0–119.8 reddish green-grey disseminated & fracture (linear) controlled hematite, assoc w/ drusy carbonate veining/flooding, that x-cuts intense foliated zone in pale green-grey altd rock								
				119.8–126.7 pale green-grey, irregular foliation, magnetic, mottled w/ med-grained black (chromite/magnetite) (possibly graphite) specks & minor dissem hematite, local serpentine-rich sections,								
125		7bk		126.7–127.0 med grey, x-cut by drusy quartz-filled fractures/vugs non magnetic,								
				127.0–127.3 Silica Breccia, light grey, angular cm-size to mm-size clasts of listwanite supported by grey silica-cemented microbreccia 46° TCA.								
127.5		7bk		127.3–127.6 med grey silicified listwanite as at 1270								
				127.6–127.9 Silica Breccia 33° TCA med grey silica microbreccia cements subangular clasts of silicified listwanite								
130		7b		127.9–132.4 med grey-pale green irregularly foliated, graphite? on fractures, soft, x-cut by few carbonate ± talc veinlets <1cm strongly magnetic in part fissile								
				132.4–139.5 pale grey, foliated intense carb altd listwanite w/ graphitic foliation x-cut by carb veinlets & local silica veinlets w/ assoc hematite, dissem magnetite/chromite								
140												

PAGE 10 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
127.0 - 127.3 Silica Breccia one grain arsenopyrite	1/		0.3	33657	<0.001	<0.02				
127.3 - 127.6 < 1% disem fine to med grained pyrite	1/		0.3	33658	0.006	<0.02				
127.6 - 127.9 Silica Breccia 3% med to coarse grained pyrite (clasts?), disseminated			0.3	33659	0.004	<0.02				

PAGE 11 OF 14 | PROJECT: CUSAC | HOLE No. 193-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
140				43.0 - 148.3 LISTWANITE (cont'd)								
		Tc		139.5 - 142.3 pale grey/green, foliated weak mariposite - intense carbonate altered, x-cut by carbonate veinlet stockwork (<1cm), minor dissem hematite, locally weakly magnetic								
		Tc		142.3 - 146.6 med grey-green, silicified pyritic listwanite, mariposite along foliation & carb veins that mimic carb stockwork in serpentinite, few drusy qtz & pyrite lined fractures,								
145				146.6 - 148.3 dark grey - bright green intensely silicified, pyritic listwanite broken core 146.6 - 147.3, x-cut by pale green chalcedonic microbreccia stockwork & veins 147.0 - 147.8, (<5cm), white carb veins <2cm locally,								
147.5												
		5Oa		148.3 - 150.0 Volcanic								
				148.3 - 149.3 buff, intense carbonate altered, x-cut by pyrite veinlets <2mm, minor clay altn, x-cut by < 1cm white qtz veinlets locally (irregular)								
				149.3 - 150.0 buff-grey, intense carb altd, x-cut by mineralized white qtz stringers & barren chalcedony veinlets, FW contact is graphitic/pyritic								
150				Slip 45° TCA								
		5Oe		150.0 - 152.5 Cherty Tuff 5Oe								
				150.0 - 150.5 med grey - buff, weakly crackle brecciated, x-cut by mm to cm size white qtz veinlets (irregular)								
				150.5 - 152.5 buff to grey, carbonate altered, x-cut by qtz veinlet stockwork (cm scale), crackle breccia, few <1cm qtz stringers								
152.5												

PAGE 12 OF 14 | PROJECT: USAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
142.3 - 146.6 Siliceous Pyritic siltstone, 3-5% dissem & fracture controlled fine to medium-grained pyrite.										
146.6 - 147.0 3-5% dissem fg pyrite & fracture controlled py			0.4	33660	0.002	<0.02				
147.0 - 147.8 As above, x-cut by microbreccia veins, 1% med gr anhed py (clasts?) in microbreccia			0.8	33661	0.002	<0.02				
147.8 - 148.3 3-5% dissem fg pyrite			0.5	33662	0.002	<0.02				
148.3 - 149.3 1-3% fine-grain pyrite-marcasite dissem & on fractures			1.0	33663	<0.001	<0.02				
149.3 - 150.0 Qtz stringer Zone <5cm white quartz-carb stringer w/ stylolitic bands 60°TCA contains 2% dissem med gr py, also 1-3% dissem very fine-gr py.			0.7	33664	0.002	<0.02				
150.0 - 150.5 Qtz Stringer Zone 1-3% dissem v.f.g. py & 1% dissem m.g. py in qtz stringer			0.5	33665	<0.001	<0.02				
150.5 - 151.5 <1% dissem py			1.0	33666	<0.001	<0.02				
151.5 - 152.5 Pyritic chert, local 3% dissem fg pyrite			0.7	33667	<0.001	<0.02				

PAGE 13 OF 14 | PROJECT: CUSAC | HOLE No. C93-13

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S C	Sx D	M E	FRACT INTENSITY	T	K
152.5		QFP	Qtz	152.1 - 152.4	Qtz Stringer 20° TCA, mottled white to grey, breccia textured w/ indistinct qtz clasts.								
		5Ca		152.4 - 156.3	Volcanic								
					152.4 - 153.0 dark grey, intense carb alt'd moderate pervasive graphitic alteration, few mm-size silica veinlets, weak crackle breccia, x-cut by								
155					off-white carbonate veinlet stockwk <1cm								
					153.0 - 156.3 buff, intense carb alt'd (local chloritic sections), moderate to locally intense graphitic crackle bx, x-cut by white qtz stringers (2%)								
					< 3cm, intensely foliated near contact.								
		5Cc		156.3 - 160.0	Cherty Tuff								
157.5					156.3 - 158.0 buff-grey, intense carb alt'd, weak graphitic crackle breccia.								
					158.0 - 160.0 pale green, moderate carbonate alt'd, x-cut by weak graphite crackle breccia								
160		5Ca		160.0 - 164.6	Volcanic - massive								
					160.0 - 163.5 pale green, aphanitic to fine grained, weak carb alt'd, x-cut by weak graphite crackle bx.								
					163.5 - 164.6 medium green, chloritic, x-cut by epidote-calcite stockwork cut by graphite & chlorite crackle breccia, local calcite veinlets								
165					164.6 EOH M. Ball								

PAGE 14 OF 14 | PROJECT: CMSAC | HOLE No. C93-13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
152.2 - 152.4 Qtz Stringer 3-5% disseminated fine to medium-grained pyrite, dissem, one grain sphalerite			0.2	33668	0.008	<0.02				
								6.4m		0.001, <0.0
152.4 - 153.0 1% dissem m.g pyrite			0.6	33669	0.001	<0.02				
153.0 - 156.3 local sections assoc w/ qtz stringers have 1-3% dissem fg pyrite										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

DDH No..... C93-14
NORTHING... 6560339.710
EASTING.... 460667.580
ELEVATION.. 1266.212
BASELINE... HOT
TOTAL HORZ 70.87701
TOTAL VERT -91.19556

				LONGITUDINAL PLOT							
	PLAN PLOT			SECTION PLOT							
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL		SECTION		SEC OFFSET		DESCRIPTI
0.00	181.48	-52.15	0.00	1266.21	875.23	S	1050.0	W	4.63	W	COLLAR
16.75	181.48	-52.15	10.28	1252.99	884.00	S	1051.0	W	10.00	W	X-SECTIO
47.95	181.48	-52.15	29.43	1228.35	900.33	S	1051.0	W	0.00	W	CL-SECTIO
79.15	181.48	-52.15	48.57	1203.71	916.66	S	1052.0	W	10.00	W	X-SECTIO
94.00	181.48	-52.15	57.68	1191.99	924.42	S	1052.0	W	5.24	E	HW->QV
94.50	181.48	-52.15	57.99	1191.60	924.69	S	1052.0	W	5.08	E	FW->QV
110.36	181.48	-52.15	67.72	1179.08	932.98	S	1052.0	W	0.00	W	CL-SECTIO
111.30	181.48	-52.15	68.30	1178.33	933.48	S	1052.0	W	0.30	W	HW->QV
111.90	181.48	-52.15	68.67	1177.86	933.79	S	1052.0	W	0.49	W	FW->QV
115.50	0.00	0.00	70.88	1175.02	935.68	S	1052.0	W	1.65	W	END OF HO

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV.: 1266.21 Z
HOLE No.: C93 - 14	BEARING: 181° 29' 05"
LOCATION: 60339.71 N, 60667.58 E	DIP: -52° 14' 57".
	TOTAL LENGTH: 115.5
LOGGED BY: M. BALL	HORIZONTAL PROJECT
DATE: July 29, 1993	VERTICAL PROJECT
CONTRACTOR: DJ DRILLING	
CORE SIZE: BQ	
DATE STARTED: July 26, 1993	
DATE COMPLETED: July 29, 1993	
DIP TESTS: NONE	

ALTERATION SCALE

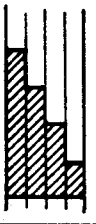
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

TEST BONANZA ZONE WEST OF C93-12

GV 94.0 - 94.5

QV 111.3 - 111.9

LEGEND

PAGE · OF 11 | PROJECT: CUSAC | HOLE No. C93-14

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
5.0				0.0 - 2.8 CASING								
				2.8 - 54.4 LISTWANITE								
	5/	7b		2.8 - 5.3 buff, massive fin-grained to porphyritic, carbonate alt'd mafic? rusty fractures, non magnetic								
		7b		5.3 - 7.0 buff-grey, foliated 37°TCA non magnetic,								
5.0												
		7b/a		7.0 - 7.6 grey-green spotted massive to foliated, contains dissem & fracture controlled pale coloured carbonate								
		7b		7.6 - 13.8 med to pale grey, foliated, carbonate - talc alt'd x-cut locally by 2cm qz-carb veinlets, & by mm-size carb stockwk fine, dissem mag/chromite throughout magnetic								
10.												
		7b/a		13.8 - 15.3 med grey-green, carbonate talc & serpentine alt'd, x-cut by mm-scale carb veinlet stockwork, & dissem mg. carbonate porphyroblasts locally magnetic								
		7b		15.3 - 19.8 med grey-pale green, talc carb alt'd w dissem chromite/magnetite x-cut locally by talc-carb veinlets & vn								
20												
		7b		19.8 - 26.3 med grey, foliated, carbonate ± qtz alt'd, local talc bearing sections are magnetic but otherwise non magnetic, HW 0.3m contains breccia text'd list & chalcedony veinlets < 0.5cm, rusty fractures x-cut by local <2cm white qtz-carb veinlets, oxides may be partly hematite alt'd.								
25												

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PAGE 2 OF 14 | PROJECT: CMS Ac | HOLE No. C93-14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
2.8-5.3 local 1% disseminated pyrite										
5.3-7.0 1% disseminated & fracture controlled pyrite										
19.8-26.3 < 1% disseminated very fine pyrite locally										

PAGE 3 OF 14 | PROJECT: CMEAC | HOLE No. C93-14

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Se)	E (M)	FRACT INTENSITY	T	K
25		7b		2.8 – 54.4 LISTWANITE (cont'd) 26.3 – 31.1 med to dark grey, foliated 35° TCA, x-cut by dressy to massive white qtz ± carb veinlets <2cm locally, very minor talc alt'd sections, mm-scale qtz & carb veinlets ~⊥ to foln								
				20 cm rubble zone w/ 5cm fault breccia @ 29.7, 37° TCA, <1cm clasts in a siliceous microbreccia mtx.								
30		7b	~	31.1 – 31.8 med grey list as above mixed w/ bright green, foliated qtz-carb fuchsite listwanite, rubbly, 0.2m lost core 31.4-31.6, x-cut by <1cm qtz veinlets., mostly magnetic								
		7b		31.8 – 36.0 med to dark grey, foliated x-cut by carb veinlets <1cm locally, locally magnetic, last 0.3 m of section is pervasively silicified & contains minor pyr								
35		7c		36.0 – 36.8 Breccia zone, med to dark grey, intensely silicified, HW is 32° TCA clasts <2cm cemented by vuggy fine dressy silica, rest is clasts <3cm cemented by grey microbreccia w/ minor WQG, FW ~ 45° TCA								
36		7c		36.8 – 41.5 dark grey w/ green & brown qz bx, intensely silicified & pyritized, minor marcasite locally, alt'n decreases down hole, local wisps of pale brown carbonate,								
40												

PAGE 4 OF 14 | PROJECT: CUSAC | HOLE No. C93-14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	% Pt Pd Au			COMPOSITE ASSAYS
35.5 - 36.0 dissem, fracture & veinlet controlled marcasite/pyrite assoc w/ silicification & chlorite fract		geochem	0.5	33670			27			
36.0 - 36.8 <1% grading down hole to 3% f.in to med grained marcasite		geochem	0.8	33671			115			
36.8 - 41.5 disseminated fracture & veinlet controlled bladed marcasite up to 5% local sections w/ disem pyrrhotite f.g. to c.g. (eg @ 40.8 - 41.0)										
36.8 - 39.2		geochem	2.4	33672			70			
39.2 41.5		geochem	2.3	33673			180			

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Se)	E (M)	FRACT INTENSITY	T	K
40		Tc/b		2.8 - 54.4 LISTWANITE (cont'd) 41.5 - 43.1 pale green to grey, pervasively silicified (moderate to intensely), some fuchsite-mariposite rich sections, some carbonate-rich portions								
		Tc		intense pyritic list, 43.1 - 46.9 dark grey, intensely silicified & impregnated w/ mariposite Hw is possibly a siliceous breccia over								
45				10cm w/ 30° Tc grey silica, x-cut locally by vuggy, drusy clear qtz, & by mm-size pale brown carbonate (siderite?) veinlets, local fuchsite								
		Ls Bx		46.9-47.5 BRECCIA ZONE dark grey, intensely silicified, breccia textd w/ < 2cm silicified clasts in a siliceous & pyritic mtx, FW 3cm is mariposite mtx breccia 56° TCA.								
47.5				47.5 - 50.2 dark grey, intensely silicified & pyritized, in part breccia textured possibly, x-cut by local mm to cm size vuggy clear qtz + siderite (pale brown, no fizz) veinlets,								
50				50.2 - 53.3 dark grey w/ bright green bands, intensely silicified & pyritic list as above x-cut by cm to decimeter size bands of chalcedonic mariposite-rich list. locally mm-scale carbonate veinlets are crenulated, x-cut by 5cm white qtz stringer containing abund py @ 52.6, 60°TCA, 51.1, 52.1								
52.5												

PAGE 6 OF 14 | PROJECT: CUSAC | HOLE No. C93-14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	% / ppb Au			COMPOSITE ASSAYS
41.5 - 43.1 1-5% dissem & veinlet controlled marcasite + pyrrhotite in silicified sections	1/	geochem	1.6	33674			43			
43.1 - 46.9 5 - 10% dissem & fracture controlled pyrite	1/									
43.1 - 45.0	1/	geochem	1.9	33675			91			
45.0 - 46.9	1/	geochem	1.9	33676			58			
46.9 - 47.5 Siliceous Breccia 1-5% fracture controlled marcasite in late wispy fractures	1/	geochem	0.6	33677			54			
47.5 - 50.2 intensely pyritic 5-15% dissem & fracture controlled bleeded marcasite	1/	geochem	2.7	33678		•	102			
49.5-										
50.2 - 53.3 intensely pyritic but very fine pervasive pyrite + dissem 1-3% py, dissem mg to cg py in qtz stv's	1/	geochem	3.1	33679			61			

PAGE 7 OF 14 | PROJECT: CUSAC | HOLE No. C93-14

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
52.5				2.8 - 54.4 LISTWANITE (CONT'D)								
		1k		53.3 - 54.4 grey to buff, alt'd list characterized by crenulated carbonate + qtz veinlets in a fine pyritic matrix, minor mariposite, increasingly pitted & clay alt'd down hole, clay is pale blue coloured, Fw contact is broken								
55												
		2a		54.4 - 59.6 VOLCANIC								
				54.4 - 55.8 pale green, aphanitic, massive, x-cut by few mm-size bluish clay veinlets								
				55.8 - 56.8 pale green to brassy, pitted, carbonate - clay - pyrite alt'd								
60				56.8 - 59.6 pale green, mm-scale laminae ~10° TCA, local pyrite flooding, minor clay veinlets (mm-s)								
		2e		59.6 - 62.1 Chert / tuff buff to pale green siliceous, in part due to pale green (chloritic?) chalcedony breccia veining but grading to massive chert-like is bleached, disseminated & fracture controlled clay								
				62.1 - 72.5 Volcanic								
65				62.1 - 63.0 buff to white, carbonate clay - chalcedony - pyrite alt'd, x-cut by dolomite veinlet stockwork								
				63.0 - 72.5 pale green grading down hole to buff/white, carbonate-clay alt'd volc, x-cut by clay, fine pyrite and dolomite veinlet (<1cm) stock-work.								
				volcanic is in part fine to med grained & pitted								
70												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	% Au ppb			COMPOSITE ASSAYS
53.3 - 54.4 5-15% v. fine-gr pyrite in mtx,		geochem	1.1	33660			39			
55.8 - 56.8 3% pyrite as very fine-grained flooding in patches.		geochem	1.0	33681			129			
56.8 - 59.5 1-3% pyrite as patches of very f.g. dissem. grains										
59.6 - 62.1 1% dissem & fracture controlled pyrite - in part chrysy.										
62.1 - 63.0 1-3% fracture controlled chrysy pyrite		geochem	0.9	33685			14			
63.0 - 72.5 1-5% fine-grained pyrite in <5 cm size pervasive patches & in <1cm veinlet stockwork, also <1% dissem cubic py.										

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (D)	B (G)	C (Si)	D (Se)	E (m)	FRACT INTENSITY	T	K
70		Fc		72.5-74.7 LIST WANITE HW 40° TCA, dark grey - bright green, intensely silicified, x-cut by chalcedony veinlets <2cm & pyrite veinlets <2cm, patches (clasts?) buff dolomite, irregular foliation 45° TCA, FW is marked by 3cm chalcedony breccia fault 60° TCA,								
75		Sca		74.7-82.5 VOLCANIC								
				74.7-77.8 buff-white, carbonate-clay alt'd, pitted, relict massive fine-gr texture, mm-size clay veinlets								
				77.8-80.1 pale green, chl-carb alt'd, x-cut by mm-size clay & pyrite veinlets stockwork,								
80				80.1-82.5 pale to med green, weak carb alt'd, disem f.g. leucoxene, minor clay-pyrite ±chl veinlets (mm) last 0.3m is intense carb-ser alt'd								
		Scf		82.5-87.5 Chert								
85				82.5-84.4 buff, bleached or carb alt'd, x-cut by white tension stringers ±10cm spaced 0.5 m, x-cut by mm grey qtz veinlet stockwork, local disem & fract py								
			pstr's	84.4-87.5 dark grey, crackle brecciated chert x-cut by <20 cm qtz stvg's including 0.2 m qtz stv white qtz matrix to chert clasts <2cm x-cut by 1cm vuggy pyrite cemented fine breccia @ 85.0-85.4								
87.5												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	oz/t opt Au	oz/t opt Ag	g/t ppb Au			COMPOSITE ASSAYS
72.5 - 74.7 3-5% pyrite (marcasite) in drusy veinlets, disseminated clusters.		grochem	2.2	33682			32			
77.8 - 80.1 1% pyrite (marcasite?) as fracture fillings										
80.1 - 82.2 < 1% pyrite-marcasite as veinlets & fracture fillings										
82.5 - 84.4 < 1% disem mg pyrite and fine-gr pyrite-filled fract.										
84.4 - 85.0 ~ 3% disem m.g. pyritohedrons Qtz Str Zone 10% qtz		assay	0.6	33683	0.007	<.002				
85.0 - 85.4 Qtz Stvg Zone 60% qtz w/ graphite inclusions pyrite in alt'd chert clasts ~ 2%		assay	0.4	33684	0.002	<.002				
85.4 - 87.5 Qtz Str Zn < 1% disem m.g. py.										

PAGE 11 OF 14 | PROJECT: CUSAC | HOLE No. 93-14

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Se D	M E	FRACT INTENSITY	T	K
87.5		5Ca		87.5-94.0 VOLCANIC								
				87.5-89.0 pale green, moderate grading to weak carb alt'n last 10 cm is flooded w/ fine pyrite, x-cut by mm-size qtz veinlets (planar)								
				89.0-92.6 med green, fine-grained massive greenstone, calcite on fract, leucoxene, x-cut by epidote & chlorite fracture stockwork								
90												
				92.6-92.9 buff carb alt'd section cm-size lenses (oxygen?) of qtz-dol veins locally, sheared/foliated 66° TCA minor chlorite								
92.5				92.9-93.5 medium to pale green, becoming moderate carb alt'd downhole, py on fract								
				93.5-94.0 buff, intense carb alt'd, graphitic crackle brx downhole, x-cut by < 10 cm white qtz ± carb stkg,								
		Qv		94.0-94.5 Quartz Vein 40° TCA. first 0.2 m is grey qtz w/ alt'd clasts of wall rock < 2cm, rest of vein is white qtz, FW 46° TCA.								
95.0												
		5Ca		94.5-111.3 VOLCANIC								
				94.5-94.7 buff-grey, intense carb alt'd, x-cut by < 5 mm pyrite veins,								
				94.7-96.4 buff-to pale green moderate grading to weak carb alt'd, leucoxene, x-cut by mm size epidote & dol-py veinlets								
97.5												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ opt Au	~~%~~ opt Ag	%			COMPOSITE ASSAYS
88.9 - 89.0 30% pyrite as pervasive fine-grained flooding										
92.6 - 92.9 fine-grained pyrite on fracture & weak fault surf ~1%										
92.6 - 93.5 drusy fine-grained pyrite-filled fractures.										
93.5 - 94.0 1% dissem m.g. pyrite & drusy fracture controlled pyrite			0.5	33686	0.007	<0.02				
94.0 - 94.5 Qtz VEIN 3% dissem & clustered pyrite in first 0.2m Then << 1% fine-g. py dissem & on fractures, drusy pyrite-filled fracture on f.w.			0.5	33687	0.004	<0.02				
94.5 - 94.7 3-5% pyrite in veins < 5mm & fract			0.2	33688	<0.003	<0.02				
94.7 - 94.4 < 1% pyrite in del veinlets & locally as flooding										

 PROJECT: CUSAC HOLE No. C93-14

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
97.5		5a		94.5-111.3 Volcanic (cont'd)								
				96.4-97.6 pale green to buff, mod grading to intense carb alt'd x-cut by dol-py veinlets locally (<2mm) and qtz-carb stringers <3cm where intensely alt'd, mm-size chlorite veinlets								
				97.6-109.6 med green, chl alt'd greenstone, fine to med grained, massive, local green clay alteration, few dol-py veinlets < 2cm, leucoxene, chl veinlets, local calcite & hematite								
100												
				109.6-110.9 pale green, weak carb alt'd w/ spotted texture due to carb porphyroblasts (med grained)								
110												
				110.9-111.3 buff, intense carb alt'd, x-cut by dol-py veinlets < 1cm, weak crackle brx down hole								
		QV		111.3-111.9 Quartz Vein HW 62° TCA FW 32° TCA, white bull qtz w/ few clasts alt'd rock <2cm in HW 0.2m, few fine-gr py-filled fractures.								
112.0												
		5a		111.9-115.5 Volcanic								
				111.9-112.3 buff, carb alt'd, x-cut by qtz-dol veinlets < 3mm, med grained porphyroblastic carb								
				112.3-112.8 pale green, spotted med carb alt'd								
				112.8-115.5 med green, med grained massive, leucoxene, occ dol-py veinlet stockwk								

PAGE 14 OF 14 | PROJECT: CMSAC | HOLE No. C93-14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
94.6-97.6 <1% pyrite assoc w/ dolomite filled fractures	/									
110.9-111.3 1-3% pyrite as dissem. med grained & assoc. w/ dol veinlets	//	Assay	0.4	33689	0.002	<0.02				
111.3-111.9 Quartz vein <1% pyrite as local disseminations (m.g.) and fracture fillings (f.g.)	/	Assay	0.6	33690	0.004	<0.02				
111.9-112.3 3-5% pyrite as med grained disseminations & assoc w/ dol veinlets	///	Assay	0.4	33691	0.012	0.16				

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

DDH No..... C93-15
NORTHING... 6560339.290
EASTING.... 460666.850
ELEVATION.. 1266.331
BASELINE... HOT
TOTAL HORZ 77.67291
TOTAL VERT -79.71387

					LONGITUDINAL PLOT			
	PLAN PLOT				SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTIO
0.00	192.96	-45.49	0.00	1266.33	875.23 S	1050.0 W	5.47 W	COLLAR
9.47	192.96	-45.49	6.64	1259.58	880.09 S	1051.0 W	10.00 W	X-SECTIO
30.40	192.96	-45.49	21.32	1244.65	890.83 S	1051.0 W	0.00 W	CL-SECTIO
51.33	192.96	-45.49	35.99	1229.73	901.57 S	1052.0 W	10.00 W	X-SECTIO
55.65	192.96	-46.00	39.02	1226.65	903.78 S	1052.0 W	7.94 E	DIP CHANG
72.42	192.96	-46.00	50.66	1214.59	912.31 S	1052.0 W	0.00 W	CL-SECTIO
85.40	192.96	-46.00	59.68	1205.25	918.91 S	1052.0 W	6.15 W	HW->LIST
85.40	192.96	-46.00	59.68	1205.25	918.91 S	1052.0 W	6.15 W	FW->LIST
93.54	192.96	-46.00	65.34	1199.39	923.05 S	1053.0 W	10.00 W	X-SECTIO
108.50	192.96	-46.00	75.73	1188.63	930.65 S	1053.0 W	2.92 E	HW->QV
109.00	192.96	-46.00	76.08	1188.27	930.91 S	1053.0 W	2.68 E	FW->QV
111.30	0.00	0.00	77.67	1186.62	932.07 S	1053.0 W	1.59 E	END OF HO

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: UTAC	GROUND ELEV.: 1266.331
HOLE No.: C93-15	BEARING: 192° 57' 38"
LOCATION: 60339.29 N, 60666.85 E	DIP: -45° 48' 60"
	TOTAL LENGTH: 111.3 m
LOGGED BY: M Ball	HORIZONTAL PROJECT
DATE: Aug 5, 1993	VERTICAL PROJECT
CONTRACTOR: DJ Drilling	ALTERATION SCALE: absent; slight; moderate; intense
CORE SIZE: BQ	
DATE STARTED: July 30, 1993	TOTAL SULPHIDE SCALE: traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: Aug 5, 1993	
DIP TESTS: 1 @ 365'	
COMMENTS: Drilled West of hole 14 on west side of Bonanza zone to intersect top of ve #1 QV (#2) 108.5 – 109.0 (0.5m)	LEGEND

PAGE 1 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	t
0				0.0 – 3.1 CASING								
		5C		3.1 – 5.8 Volcanic								
				3.1-5.8 pale green, aphanitic to f.m.-grained, massive, possibly mafic volcanic, pervasive calcite alt'n, x-cut by m.-size calcite veinlets non magnetic								
				5.8 – 85.4 LISTWANITE								
		7b		5.8-7.5 pale green, mottled text, weakly foliated 40° TCA, pervasive calcite alt'n, local serpentine non magnetic								
				7.5-9.8 pale green, med grained mottled talc-serp rock, dissem f.g. black chromite/magnetite, magnetic								
				9.8 – 20.2 med grey, fine-grained massive to foliated 45° TCA, magnetic dissem magnetite/chromite, locally slightly talc rich x-cut locally by ≤ 10cm qtz stringers.								
20				20.2-23.9 light green, relatively soft, talc ± carb alt'd, dissem hematite (f.g.), dissem f.g. to m.g. magnetite/chromite, local foliation 45° TCA, few qtz-carb veins ≤ 10cm,								
				23.9-33.1 medium grey, fine-grained massive to foliated, magnetic, x-cut locally by < 20cm qtz ± carb (white) stringers								

PAGE 2 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
3.1-5.8 local dissem m.g. pyrite (cubic) up to 3%	1%									
5.8-7.5 dissem mg. anhedral pg. up to 3%	1%									
7.5-9.8										

PAGE 3 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Sa D	M E	FRACT INTENSITY	T	K
30				5.8 - 85.4 LISTWANITE (cont'd)								
		7b		33.1 - 35.9 pale brownish grey, carbonate-rich listwanite, foliated 30° TCA w/ < 3mm carb. (white) veinlets parallel to foliation brownish color due to hematite after fe-oxides, weakly magnetic								
			~	35.9 - 37.2 medium greenish grey intensely silicified, weakly pyritic, broken in part fault breccia consisting of								
35			~	< 1cm subang clasts supt'd by grey siliceous fine-breccia matrix, weak green color due to mariposite?								
			~									
				37.2 - 38.8 med grey-green, silicified & carb alt'd, foliated 50-70° TCA weakly magnetic,								
40				38.8 - 44.5 dark grey, intensely silicified, local cm-size drusy clear qtz lined vugs, weak mariposite disseminated fracture controlled sulphides abundant non magnetic, local < 5cm white qtz - stringers								
		7b	X	44.5 - 71.0 dark grey, greenish, brownish silicified, weak talc = green? med green min may be mariposite, x-cut by tan carbonate veinlet (< 1cm)								
50			X	stockwork, rare carb stringers up to 10 cm fractured & vuggy w/ drusy clear qtz lined vugs,								
			X	locally carb stockwork veins appear brecciated, white qtz stkg < 5cm @ 63.0 ~ parallel to core, is assoc w/ intense sulphidation (mariposite) of wall rock 20cm								
70												

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PAGE 4 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
35.9 - 37.2 1-3% pyrite disem m.g. & fracture filling/veinlets	//									
38.8 - 44.5 5-20% sulfides including disem - pervasive mm-size bladed marcasite, fracture - veinlet controlled pyrite, local disem mg. pyrrhotite	///									
44.5 - 71.0 1-5% sulfides as above few cm size bands of drusy c.g pyrite local pyrrhotite of marcasite rims, abundant cm-size clots of m.g bladed marcasite one speck chalcopyrite.	//									

PAGE 5 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
70				5.8 - 85.4 LISTWANITE (cont'd)								
		7c		71.0 - 76.8 dark grey, intensely silicified, pyritic, x-cut by early mm-size tan carb veinlets compared to previous section, more abundant disseminated sulfides								
		7c		76.8 - 82.3 grey-green, siliceous, green color due to chlorite, few small drusy qtz lined fractures, x-cut locally by <1cm irregular white qtz stringers.								
80												
		7b		82.3 - 85.4 greenish white grading to med green, carbonate chlorite alt'd mafic-ultramafic, medium-grained porphyroblastic carbonate dissemin'd in massive med green greenstone,								
85		5Cc		85.4 - 96.3 Cherty TUFF								
				85.4 - 86.9 buff, carbonate alt'd w/ very minor chlorite locally, mostly recrystallized to white quartz, x-cut by white quartz-dol stringers 40° TCA, <2cm, 2cm grey sulphidic shear 70° TCA @ 86.8.								
				86.9 - 88.8 medium green, x-cut by chlorite-qtz crackle veinlets, fracture controlled hematite, local dol alt'n								
87.5												
				88.8 - 89.6 buff, carbonate alt'd zone x-cutted by two 3cm qtz stringers 40-50° TCA, few grey silica veinlets								
90												

PAGE 6 OF 10 | PROJECT: USAC | HOLE No. C93-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
71.0-76.8 5-10% sulphides including mg. dissem marcasite and fracture/veinlet controlled pyrite, very local pyrrhotite										
76.8-82.3, 3-5% pyrite as mg. to c.g. disseminations & in vuggy veinlets (mm-size)										
82.3-85.4 1-2% dissem pyrite medium grains										
85.4-86.9 < 1% sulphides including dissem mg. pyrite, one grain tetrahedrite & two grains chalcopyrite in gstz's										
85.8-86.9		Assay	1.1	33692	0.002	<0.02				
88.8-89.6 < 1% dissem f.g to m.g pyrite, f.g. pyrite seam (1mm) in one qtz stringer		Assay	0.8	33693	0.005	<0.02				

PAGE 7 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Se D	M E	FRACT INTENSITY	T	K
90		Sca		85.4-96.3	Cherty tuff (cont'd)								
					89.6-95.5 medium green, chlorite alt'd, x-cut by mm-scale qtz-chl± calcite veinlet stockwork.								
					95.5-96.3 grey to black, graphitic foliated 50-60° TCA, x-cut by buff carb-qtz veinlets < 2mm								
95													
		Sca		96.3-108.6	Volcanic								
					96.3-98.5 pale to med green medium-grained, massive, weak carb alt'n over first 0.5m, leucoxene, local disem carbonate								
					98.5-99.1 buff, carbonate alt'd section assoc. w/ 2 < 10cm buff carbonate-white qtz stringers 60° TCA								
100													
					99.1-107.5 medium green, medium grain, massive, x-cut by epidote & chlorite ± calcite ± hematite veinlets < 3mm, leucoxene, local friable green clay alt'd,								
					107.5 107.9 buff, intense carb alt'd relict m.g. massive tex								
105					107.9 - 108.2 pale green moderate carb-alt'd section,								
					108.2-108.5 buff carb alt'd section								
		QV		108.5-109.0	Qtz Vein 40° TCA. massive white bull quartz								
		Sca		109.0-111.3	Volcanic								
					109.0-110.0 buff, intense carb alt'd x-cut by mm-scale grey silica veinlets								

PAGE 8 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
89.6-95.5 one calcite veinlet contains minor 7.g. chalcopyrite, local py	/									
106.6 3cm pyrite breccia w/ pyrite cemented greenstone clasts < 1cm										
107.5-107.9 1-3% disseminated 7g. mg pyrite.	//									
108.2 108.5 1-3% pyrite as disseminated 7g to m.g. & fracture controlled 7g. pyrite	//	Assay	0.3	33694	0.016	0.02				
108.5-109.0 Qtz Vein (0.5) 3% disseminated & fract controlled 7.g pyrite on hangingwall & footwall 2 cm			0.5	33695	<0.001	<0.02				

PAGE 9 OF 10 | PROJECT: USAR | HOLE No. C93-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	S C	Se D	M E	FRACT INTENSITY	T	K
		9a		109.0-111.3 Volcanic (cont'd)								
				110.0-111.3 pale green, massive fine-grained volc, weak carb alt'n, x-cut by mm-size qz-carb veinlets broken & friable w/ green clay alt'n								1½
				111.3 EOH								

PAGE 10 OF 10 | PROJECT: CUSAC | HOLE No. C93-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	~~%~~ Au opt	~~%~~ Ag opt	%			COMPOSITE ASSAYS
109.0 - 110.0 3% pyrite as fracture fillings and pervasive disseminated fg. py	1%		1.0	33696	<0.001	<0.01				

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

DDH No..... C93-16
NORTHING... 6560338.920
EASTING.... 460729.930
ELEVATION.. 1253.142
BASELINE... HOT
TOTAL HORZ 63.0246
TOTAL VERT -66.19531

	PLAN PLOT			LONGITUDINAL PLOT	SECTION PLOT			
LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL	SECTION	SEC OFFSET	DESCRIPTIO
0.00	174.00	-46.41	0.00	1253.14	907.09 S	1048.0 W	8.97 E	COLLAR
31.98	174.00	-46.41	22.05	1229.98	927.24 S	1048.0 W	0.00 W	CL-SECTIO
56.70	174.00	-46.41	39.10	1212.08	942.81 S	1048.0 W	6.93 W	HW->LIST
56.70	174.00	-46.41	39.10	1212.08	942.81 S	1048.0 W	6.93 W	FW->LIST
67.63	174.00	-46.41	46.64	1204.16	949.70 S	1049.0 W	10.00 W	X-SECTIO
69.60	174.00	-46.41	47.99	1202.74	950.94 S	1049.0 W	9.45 E	HW->QSTR
69.70	174.00	-46.41	48.06	1202.66	951.00 S	1049.0 W	9.42 E	FW->QSTR
91.40	0.00	0.00	63.02	1186.95	964.67 S	1049.0 W	3.33 E	END OF HO

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: MSAC	GROUND ELEV.: 1253.142
HOLE No.: C93-16	BEARING: 174° 00' 06"
LOCATION: 60, 338.92 N 60, 729.93 E	DIP: -46° 40' 56" TOTAL LENGTH: 91.4 m
LOGGED BY: M. Bull	HORIZONTAL PROJECT:
DATE: Aug 7, 1993	VERTICAL PROJECT:
CONTRACTOR: D. J. Drilling	ALTERATION SCALE: absent, slight, moderate, intense
CORE SIZE: BQ	
DATE STARTED: Aug 5, 1993	TOTAL SULPHIDE SCALE: traces only, < 1%, 1% – 3%, 3% – 10%, > 10%
DATE COMPLETED: Aug 7, 1993	
DIP TESTS: None	
COMMENTS: Drilled to test Bonanza Zone east of hole C93-7 Qstr 69.6-69.7 (0.1m) VG 4.317, 0.70	LEGEND

PAGE 1 OF 16 | PROJECT: CUSAC | HOLE No. C93-16

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	T	K
0				0.0 - 4.5 CASING								
				4.5 - 56.7 LISTWANITE								
				4.5 - 22.8 dark grey, locally greenish, graphitic, pervasive & <5cm stockwork veinlet controlled calcite alteration, some of graphite forms a mod crackle breccia								
10												
20												
				22.8 - 24.9 pale green, chlorite ± talc alt'd, pervasive calcite alt'n soft.								
				24.9 - 27.5 medium green, serpentine ± talc alt'd, soft, non magnetic,								
				27.5 - 29.8 dark grey-green, serpentine - carbonate - talc alt'd, carbonate forms <1cm veinlet stockwork & is pervasive, giving grey color, talc is minor & locally forms vein selvage to pyrite veins <5mm, strongly magnetic								
30												
				39.8 - 51.8 medium grey, talc + carb								
40												

PAGE 2 OF 8 | PROJECT: MAC AC | HOLE No. C93-16

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
4.5 - 27.8 1-2% disseminated mg. to cg. anhedral pyrite										
27.5 - 28.5 local pyrite (mg) veins <5mm with talc selvages										

PAGE 3 OF 6 | PROJECT: CUSAC | HOLE No. 93-16

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
50				4.5-56.7 LISTWANITE (cont'd) 3.8-51.8 (cont'd) talc + carb alt'd, pervasive carb alt'n, x-cut by talc-carb veinlet stockwork (<1cm) strongly magnetic, locally broken as @ 51.7								
				51.8-56.4 dark greenish grey carbonate-talc-serpentine alt'd, x-cut by talc-carb stockwork veinlets, groundmass is weak carb alt'd serpentinite								
				56.4-56.7 medium grey-green, strongly foliated, carbonate ± quartz stringers // to foliation 70° TCA, (3%) pinkish hematitic stain								
55		5Ca		56.7-77.7 Volcanic 56.7-60.8 medium green, fine-grained to aphanitic, irregular epidote ± chlorite-filled fractures/veinlets x-cut by <2cm calcite ± chlorite veins locally, local hematite stain ⇒ Propylitic alt'n., leucoxene								
60				60.8-62.9 pale green, weak carb alt'd, local white clay ± dolomite filled fractures/veinlets.								
				62.9-64.1 medium green, chlorite alt'd, leucoxene, fine-grained, x-cut by mm-scale chlorite/epidote veinlet stockworks, local calcite veinlets								
65												

PAGE 4 OF 8 | PROJECT: CUSAC | HOLE No. C93-16

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
56.7 - 60.8 local chlorite mg pyrite										
60.8 - 62.9 local pervasive very fine-grained pyrite flooding										

PAGE 5 OF 8 | PROJECT: CMSAC | HOLE No. 193-16

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
65		5a		56.7-72.7 Volcanic (cont'd)								
				64.1-67.9 graphitic shear (1cm) 40° TCA @ 64.1, med to dark green chloritic volc w/ epidote & chlorite veinlets as above, x-cut by weak graphitic crackle breccia.								
				67.9-68.3 dark grey, chlorite? - carb alt'd, x-cut by graphitic crackle								
67.5				breccia, 5cm white qz-carb strg @ 68.1								
				68.3-69.5 medium to dark green, chloritic volcanics, fine-grained disem leucoxene, fracture controlled & pervasive calcite								
70				69.5-69.8 dark grey, carbonate-graphite alt'd, moderate graphite crackle breccia 10 cm Quartz Stringer @ 69.6 with V.G.!								
				69.8-70.5 medium green, chlorite alt'd volc, leucoxene, pervasive calcite alt'n.								
72.5				70.5-73.4 medium to pale green weak carb alt'd, leucoxene, x-cut by white/creamy dolomite stringers ≤ 3 cm ± qtz, graphitic crackle breccia, pervasive calcite locally.								
				73.4-77.1 pale greenish grey, carbonate alt'd, x-cut by graphite crackle breccia, x-cut by qtz veinlets ≤ 2cm locally								
75												

PAGE 6 OF 8 | PROJECT: CMSAL | HOLE No. C93-16

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
69.5 - 69.6 3% dissem m.g pyrite			0.1	33697	0.035	<0.02				
69.6 - 69.7 Qtz Stringer 70°TCA mottled white quartz band 3cm separated by pyritic stylolites from grey quartz, dissem m.g pyrite in white qtz + one grain sphalerite + one grain VG			0.1	33698	4.317	0.70				
69.7 - 69.8 1-3% dissem f.g + m.g. pyrite			0.1	33699	0.016	0.02				

PAGE 7 OF 8 | PROJECT: CMSAC | HOLE No. C93-16

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
75		FLa		56.7 - 77.7	Volcanic (cont'd) 77.1 - 77.7 medium to dark green, chlorite alt'd, leucoxene, weak graphite or chlorite cracklebx								
		SCh		77.7 - 81.0	CHERT dark grey grading down hole to green, cradle brecciated, x-cut by few <1 cm creamy qtz - clcl stringers								
80		FLa		81.0 - 91.4	Volcanic medium green, relict fine to medium grained massive gabbro, leucoxene, x-cut by mm-scale epidote ± qz-chl-cc ± hematite veinlets, cherty inclusion 81.5 - 82.1, 3cm qtz-clcl stkg @ 82.4 w/minor associated carb alt'n.								
90					v. weak, pale green carb alt'n 91.3 - 91.4. 91.4 EOH M. Gallagher								

PAGE 8 OF 8	PROJECT: CMSAC ✓	HOLE No. 93-16

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
1% diseem py assoc w/ qtz-do/ strg @ 824										

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

DDH No..... C93-17
NORTHING... 6560347.670
\STING.... 460757.640
_EVATION.. 1251.675
BASELINE... HOT
TOTAL HORZ 58.844
TOTAL VERT -59.24121

LONGITUDINAL PLOT
PLAN PLOT
SECTION PLOT

LENGTH	AZIMUTH	DIP	HORZ	ELEV	DIST FROM BL		SECTION		SEC OFFSET		DESCRIPTIO
0.00	145.11	-45.19	0.00	1251.68	913.37	S	1046.0	W	2.66	W	COLLAR
44.22	145.11	-45.19	31.16	1220.30	944.42	S	1046.0	W	0.00	W	CL-SECTION
58.20	145.11	-45.19	41.01	1210.38	954.23	S	1046.0	W	0.84	E	HW->DIKE
59.10	145.11	-45.19	41.65	1209.74	954.87	S	1046.0	W	0.89	E	FW->DIKE
66.00	145.11	-45.19	46.51	1204.85	959.71	S	1046.0	W	1.31	E	HW->LIST
66.00	145.11	-45.19	46.51	1204.85	959.71	S	1046.0	W	1.31	E	FW->LIST
67.40	145.11	-45.19	47.50	1203.86	960.69	S	1046.0	W	1.39	E	HW->QV
68.00	145.11	-45.19	47.92	1203.43	961.12	S	1046.0	W	1.43	E	FW->QV
68.50	145.11	-45.19	48.27	1203.08	961.47	S	1046.0	W	1.46	E	HW->QSTRZN
69.80	145.11	-45.19	49.19	1202.15	962.38	S	1046.0	W	1.54	E	FW->QSTRZN
73.30	145.11	-45.19	51.66	1199.67	964.84	S	1046.0	W	1.75	E	HW->QSTRZN
75.40	145.11	-45.19	53.14	1198.18	966.31	S	1046.0	W	1.87	E	FW->QSTRZN
78.10	145.11	-45.19	55.04	1196.26	968.21	S	1046.0	W	2.04	E	HW->QBXZN
78.80	145.11	-45.19	55.53	1195.77	968.70	S	1046.0	W	2.08	E	FW->QBXZN
83.50	0.00	0.00	58.84	1192.43	972.00	S	1046.0	W	2.36	E	END OF HOL

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CMSAC	GROUND ELEV.: 1251.675
HOLE No.: C93-17	BEARING: 145° 06' 27"
LOCATION: 60,347.67 N 60,757.64 E	DIP: -45° 19' 28" TOTAL LENGTH: 83.5 m
LOGGED BY: M. Ball	HORIZONTAL PROJECT
DATE: Aug 10, 1993	VERTICAL PROJECT
CONTRACTOR: DJ Drilling	ALTERATION SCALE: absent, slight, moderate, intense
CORE SIZE: BQ	
DATE STARTED: Aug. 7, 1993	TOTAL SULPHIDE SCALE: traces only, < 1%, 1% – 3%, 3% – 10%, > 10%
DATE COMPLETED: Aug 10, 1993	
DIP TESTS: None	

COMMENTS

Drilled to test top of Bain vein and east extension of Bonanza zone in footwall of Bain. Hole apparently went over top of Bain vein.

QV 67.4 - 68.0 (0.6m)

Qtz stockwork 68.5 - 69.8 (1.3m)

Qtz Stwq Zn 73.3 - 75.4 (2.1m)

LEGEND

PAGE 1 OF 10 | PROJECT: USAC | HOLE No. C93-17

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Sz D	M E	FRACT INTENSITY	T	K
0		7b		0.0 - 6.1 CASING								
				6.1 - 58.2 LISTWANITE								
				6.1 - 16.2 dark grey, slightly greenish graphite alt'd mafic/ultramafic, some aphanitic (volc?) bands <3cm 10° TCA, some medium grained equigranular amphibolite/gabbro, graphitic foliation v. weakly developed 25-40° TCA, non magnetic								
10												
		7b		16.2 - 22.2 medium green, aphanitic (volc?) to medium grained equigranular w/ 2mm black pyroxene grains in pale green hard matrix, locally foliated 40° TCA, locally magnetic								
20												
		7a		22.2 - 36.2 dark green, in part grey, massive grading to foliated serpentinite, foliation 60-70° TCA, mm-scale white carbonate veinlet stockwork // to foliation, magnetic, weak grey pervasive carbonate alt'n last 0.5 m.								
30												
		7b		36.2 - 44.3 medium grey, pale green, talc-carb alt'd, grey-green talc-carb alt'd matrix cut by white carb + greenish talc veinlet <1cm stockwork, strongly magnetic, local hematite,								

PAGE 2 OF 10 | PROJECT: CMC AC ✓ | HOLE No. C93-17

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	% Au ppb			COMPOSITE ASSAYS
6.1 - 16.2 1% dissem c.g. cubic pyrite, local pyrite in veinlets < 1mm	/									
16.2 - 22.0 local 1% dissem f.g. to m.g. pyrite, local pyrrhotite,	/									
22.0 - 22.2 3-5% dissem m.g to c.g chromite ?- non magnetic grey-black (possibly tetrahedrite) + minor chalcopyrite	/	geochem	0.2	33634			143			
22.2 - 36.2 local dissem m.g pyrite assoc w/ grey carb alt'n of matx	/									

PAGE 3 OF 10 | PROJECT: CMSAC | HOLE No. C93-17

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION D A	G B	Si C	Se D	M E	FRACT INTENSITY	T	K
40		7c		6.1-58.2 LISTWANITE (cont'd) 44.8-45.9 pale green, silicified, pervasive pale green silicified sections alternating w/ carbonate alt'd sections, x-cut by carb wirelets <1cm locally, locally magnetic, disem chromite/magnetite, few vuggy, drusy silica-pyrite filled fractures								
45		7b		45.9-50.2 light grey to pale green carbonate alt'd w/ weak talc? friable pale green, foliated possible fault gouge 48.3-49.6 (weakly magnetic) rest is magnetic								
50		7c		50.2-57.0 medium grey-bright green, intensely silicified, mariposite rich listwanite, x-cut by vuggy silica + pyrite filled fractures & veins <2cm, local white quartz veinlets <2cm, core slightly broken local sections carbonate-rich. abundant white qtz stringers 53.9-55.3 20° TCA less maripsite over last 1.0m								
55				57.0-58.2 mid grey, siliceous, weak maripsite, broken slightly								
		10a		58.2-59.1 MAFIC DIKE dark green aphanitic, <5mm x 3mm white to black plag phenos DIABASE								
60												

PAGE 4 OF 10 | PROJECT: CMSA | HOLE No. C93-17

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	g/t Au ppb			COMPOSITE ASSAYS
44.8-45.9 1-3% disem mg. to c.g. pyrite over 60% of core	1									
50.2-57.0 1-5% disem & fracture controlled f.g. to c.g. pyrite, minor pyrrhotite,	1									
50.2-52.2	1	geochem	2.0	33635			13			
52.2-53.9	1		1.7	33636			105			
53.9-54.8	1		0.9	33637			5			
54.8-55.3	1		0.5	33638			13			
55.3-57.0	1		1.7	33639			10			
57.0-58.2 local f.g. drizzy pyrite & pyrrhotite on fractures	1									

PAGE 5 OF 10 | PROJECT: CUSAC | HOLE No. C93-17

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION D (A)	G (B)	Si (C)	Se (D)	m (E)	FRACT INTENSITY	T	K
60		7b		59.1-66.0	LISTWANITE								
					59.1-61.8 medium grey to light green, carbonate alt'd to silicified down hole, weak pale green waxy hard mariposite? alt'n, x-cut by one 10 cm white carb vein, local hematite	/		/					
		7c			61.8-62.4 fault zone hw 50° TCA, grey siliceous breccia w/ white qtz + pyrite + listwanite clasts <5mm 25% supported by grey silica matrix, 15 cm section of qtz-carb-mariposite listwanite,			//		/			
62.5													
		7b			62.4-64.9 medium grey, carbonate-alt'd listwanite alternating w/ siliceous sections, foliated 50° TCA, dissem black chromite-magnetite,	//		/					
65					64.9-66.0 dark green, serpentine-rich, in part appears like pale green aphanitic weak carbonate alt'd volc, chl + serpentine slips 45° TCA								
		5a		66.0-67.4	Volcanic								
					66.0-66.8 buff to pale green chlorite-carbonate alt'd, aphanitic x-cut by few <1cm qtz-carb stringers	/							
67.5					66.8-67.4 buff, intense carb alt'd, x-cut by white qtz>carb stringers <5cm, weak graphitic crackle bxa downhole	///		//					
		QV		67.4-68.0	Qtz Vein hw 70° TCA white quartz containing abundant (25%) white clay-carbonate, and inclusions <3cm of pyritic volc, in part vuggy (mm scale) w/ drusy late stage pyrite								
68													

PAGE 6 OF 10 | PROJECT: USAC | HOLE No. C93-17

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% opt Au	% opt Ag	% Au ppb			COMPOSITE ASSAYS
59.1 - 61.8 1-3% fine to med gr pyrite dissem & on fractures.	//									
61.8 - 62.4 3% pyrite as clasts in breccia	//									
66.8 - 67.4 Qtz STRINGER ZN local sphalerite in qtz stringers, <1% dissem fg pyrite & possible arsenopyrite			0.6	33640	0.012	<0.02				
67.4 - 68.0 Qtz Vein 3-5% pyrite as disseminations (mg.) in volcanic inclusions & as druzy vug fillings, & along stylolitic seams	//		0.6	33641	0.052	0.02				

PAGE 7 OF 10 | PROJECT: CUSAC | HOLE No. C93-17

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	R
68.		5Ca		68.0-69.3 Volcanic								
				68.0-68.5 buff to grey, intense carbonate + yellowish sericite alt'd banded volcanic, x-cut by numerous pyritic veinlets								
				68.5-69.5 Qtz stockwork zone 50% qtz as irregular white stringers <5cm x-cutting buff carbonate alt'd, silicified volcanic, becomes								
69				banded veinlike toward end of section								
		5Cf		69.3-77.6 Chert								
				69.5-69.8 Qtz Stockwork, black cherty argillite x-cut by 30% white qtz stringers <1cm.								
				69.8-73.3 black, grading down hole to grey-green, argillaceous chert grading to tuffaceous chert, <0.5 cm tuff bands appear carbonate alt'd.								
70												
				73.3-74.8 medium grey, slightly bleached (silicified) argillaceous chert, x-cut by 10%, <1cm white qtz stringers								
				74.8-75.4 60% white qtz x-cuts med grey silicified argillaceous chert								
75												
				75.4-76.3 black cherty argillite x-cut by <1cm qtz stringers graphite on slip surfaces								
				76.3-77.6 dark grey, graphite crackle brecciated, mm-size qtz veinlets, cleavage or beds 35° TCA								
77.5												

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 PROJECT: CUSAC HOLE No. C93-17

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
68.0-68.5 3-5% pyrite in veins and fractures	///	Assay	0.5	33642	0.027	0.05				
68.5-69.5 Qtz Stockwork. 1-3% pyrite (m.g.) dissem in alt'd volcanic rock & in stylolitic seams in volcanics	//	Assay	1.0	33643	0.021	<0.02				
69.5-69.8 Qtz Stockwork 1% dissem f.g. pyrite in argillite	/	Assay	0.3	33644	0.018	<0.02				
73.3-74.8 Qtz Stringer Zone << 1% dissem py in chert & local cpy in qtz stringers	/		1.5							
74.8-75.4 Qtz Stringer Zone 1-3% pyrite as disseminated m.g. pyrite in silicified chert & as clusters assoc w/ stylolitic seams in qtz stringers, possible overmature.	//	assay	0.6	33645	0.015	<0.02				
75.4-76.3 << 1% dissem v.f.g. pyrite in chert.			0.9							

PAGE 9 OF 10 | PROJECT: CUSAC | HOLE No. C93-17

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY	T	K
775		Sa		77.6-83.5	Volcanic								
					77.6-78.1 pale green to grey, chlorite-carbonate altd, moderate graphite crackle breccia, x-cut by irregular white qtz-del veinlets <0.5 cm.								
					78.1-78.8 Qtz Breccia zone grey silica-pyrite matrix brecciated white qtz over first 10 cm, followed by 20 cm of pyritic brecciated volcanics, followed by 30 cm white qtz containing clasts of pyritized volc, last 10 cm is pyritic volc.								
780					78.8-83.5 medium to dark green, fine grained massive greenstone, leucoxene, x-cut locally by <2cm white qtz-calcite veinlets								
					83.5 EOH M. Ball								

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PAGE 10 OF 10 | PROJECT: CMSAC | HOLE No. C93-17

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au opt	% Ag opt	%			COMPOSITE ASSAYS
Qtz Breccia Zone										
78.1-78.8 3-5% pyrite as drusy fracture fillings, medium grained disseminations in alt'd volcanic & as matrix to brecciated qtz		Assay	0.7	33646	0.007	<0.02				

PAGE	OF	PROJECT:	HOLE No.

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		

APPENDIX V Geological Legend

GEOLOGICAL LEGEND

(Revised April 23, 1991)

TERTIARY and (?) EARLIER

Conglomerates

11	Kechika, Sandpile, Atan loosely cemented.

AGE UNKNOWN - INTRUSIVES

Dykes

10	Altered dyke
10a	Diabase
10c	Aplite
10d	Lamprophyre

UPPER CRETACEOUS

8	Cassiar Stock quartz monzanite

Veins

QV	Often containing sulphides, graphite and visible gold (> 0.3 meters)
QC	Quartz - carbonate vein
QSTR	Quartz stringer (< 0.3 meters)

MISSISSIPPIAN to TRIASSIC

SYLVESTER GROUP

Listwanite - altered basic to ultramafic rocks, may contain veinlets of quartz, dolomite, brucite and talc.

7a	Serpentinite, chlorite, carbonate with minor talc.
7b	Talc, carbonate, minor chlorite
7c	Quartz, mariposite, carbonate and minor talc
7d	Basic to ultramafic intrusives - peridotite, amphibolite and norite
6	Undifferentiated felsic, intrusive rocks

Unit III

5E	Volcanic and sedimentary rocks

Unit II - Interbedded Sediments

5Da	Greywacke
5Db	Siltstone
5Dc	Sandstone
5Dd	Argillite
5De	Limestone (continuous pods)
5Df	Chert, ribbon chert, interbedded chert and argillite

Unit I - Interbedded Volcanic Rocks

5Ca	Massive meta-basalt to andesite flows, without pillows, occasional local phenocrysts of feldspar or pyroxene

5Cb	Meta-basalt to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene and pillowed volcanics
5Cd	Cherty, argillite - argillaceous chert
5Ce	Cherty tuff - tuffaceous chert
5Cf	Chert
5Ci	Meta-diorite/gabbro; coarse grained
5B	Undifferentiated metasediments: chert, tuff chert includes argillite in northeast, well layered chert phyllite, ribboned chert and argillite.
5A	Argillite, siltstone, chert, quartzite, limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

MIDDLE and UPPER DEVONIAN

McDAME GROUP

4a	Dolomite (black) and limestone (grey) with numerous veinlets and vugs of dolomite, occasional laminations and nodules of chert.

SANDPILE GROUP

3a	Dolomite and dolomitic sandstone - dark to light grey, commonly laminated.

CAMBRIAN and ORDOVICIAN

KECHIKA GROUP

2c	Argillite, shale, slate - black to grey-black; mostly argillite with pervasive, mild slaty cleavage; some selections of shale and slate. Cherty and calcareous sections throughout, laminated to bedded. Pyrite occurs as fine disseminations up to 1% and as fine streaks.
2b	Phyllite - black, friable, carbonaceous with minor pyrite.
2a	Argillaceous limestone - grey-black, massive with argillite and shale fragments.

CAMBRIAN

LOWER CAMBRIAN

Atan Group

1f	Limestone - blue-grey to dark grey, laminated to well bedded to massive, with "flaggy" patches and minor fragmental or breccia sections.
1e	Recrystallized limestone (marble) - buff, white, massive and as stringers and patches in 5De, large rhombohedric crystals.
1d	Dolomite - yellow, buff, brown, rose, crystalline, massive with some friable sections, minor pyritohedrons in the crystalline portions.
1c	Quartzite - maroon, green, brown, and tan. Well bedded with cross bedded sections. With pyrite and lesser pyrrhotite as disseminations and stringers.
1b	Hornfelsic quartzite - maroon, green, buff, and brown. Pure quartzite beds are crystalline. Less pure beds are schistose and contain andalucite patches, chlorite clots occur in the green chlorite rich beds, pyrite and pyrrhotite tends to be more abundant.
1a	Shale and slate - black, grey and buff. Laminated, pyritic and carbonaceous with local calcareous interbeds.

ALTERATION SYMBOLS

G	Graphite
K	Clay (kaolinite, montmorillonite?)
Se	Sericite
Si	Silica
D	Carbonate, Fe - Mg carbonate
CB	Crackle breccia

py volc	Pyritic volcanics
Ch	Chlorite
EP	Epidote
C	Calcite
Sk	Skarn - garnet diopside and garnet-actinolite. Minor scheelite mineralization.

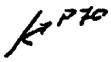
ALTERATION INTENSITY

wG	Weak graphite
mG	Moderate graphite
iG	Intense graphite

FAULT INTENSITY

wF	Weak fault	gouge/breccia < 3 cm wide
mF	Moderate fault	gouge/breccia < 10 cm wide
SF	Strong fault	gouge/breccia < 30 cm wide
MF	Major fault	gouge/breccia > 30 cm wide

SYMBOLS



Pitch of slickensides

50 100 150 200 250 300 350

SURFACE

OVERBURDEN

LISTWANITE

TOP OF VEIN

LISTWANITE

TOP OF VEIN

VOLCANIC ROCKS

VOLCANIC ROCKS

88_54

88_50

88_25

C93-15

C93-14

C93-12

C93-7

C93-11

C93-10

C93-16

C93-17

90_326

90_329

90_327

90_328

90_330

90_325

89_298

89_297

89_296

89_295

89_321

?

L:1250

L:1200

L:1150

L:1100

SECTION 1050 W

SECTION 1045W

SECTION 1040W

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. C. N. BALL GEOSCIENTIST

M. Ball, P.Geo.

CUSAC INDUSTRIES LIMITED

collar

width (m) Au (oz/ton)

toe

BAIN VEIN

LONGITUDINAL SECTION

SCALE 1:500

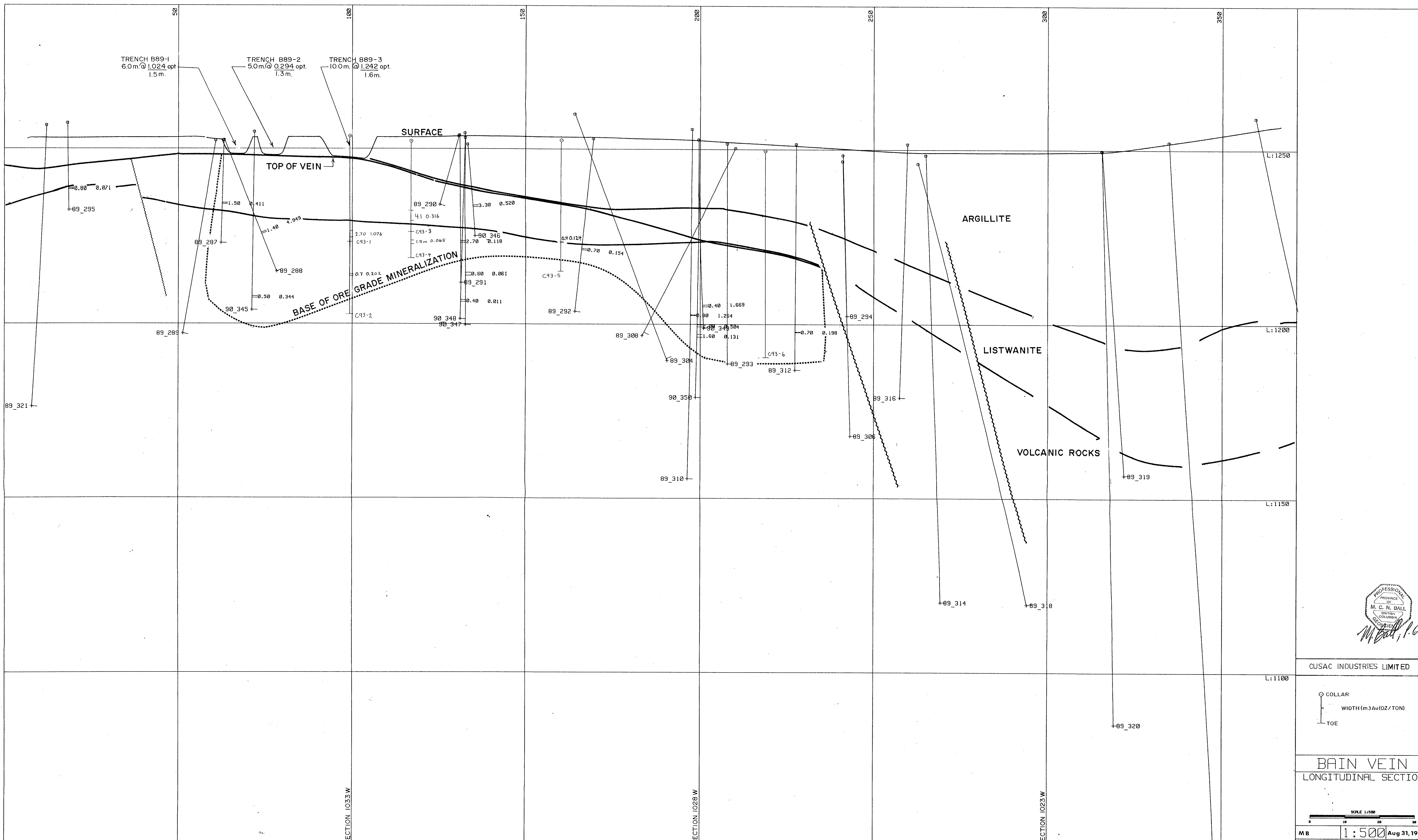
0 10 20 30 M

MB | 1:500 | Aug 31,1993

GEOLOGICAL BRANCH
ASSESSMENT REPORT

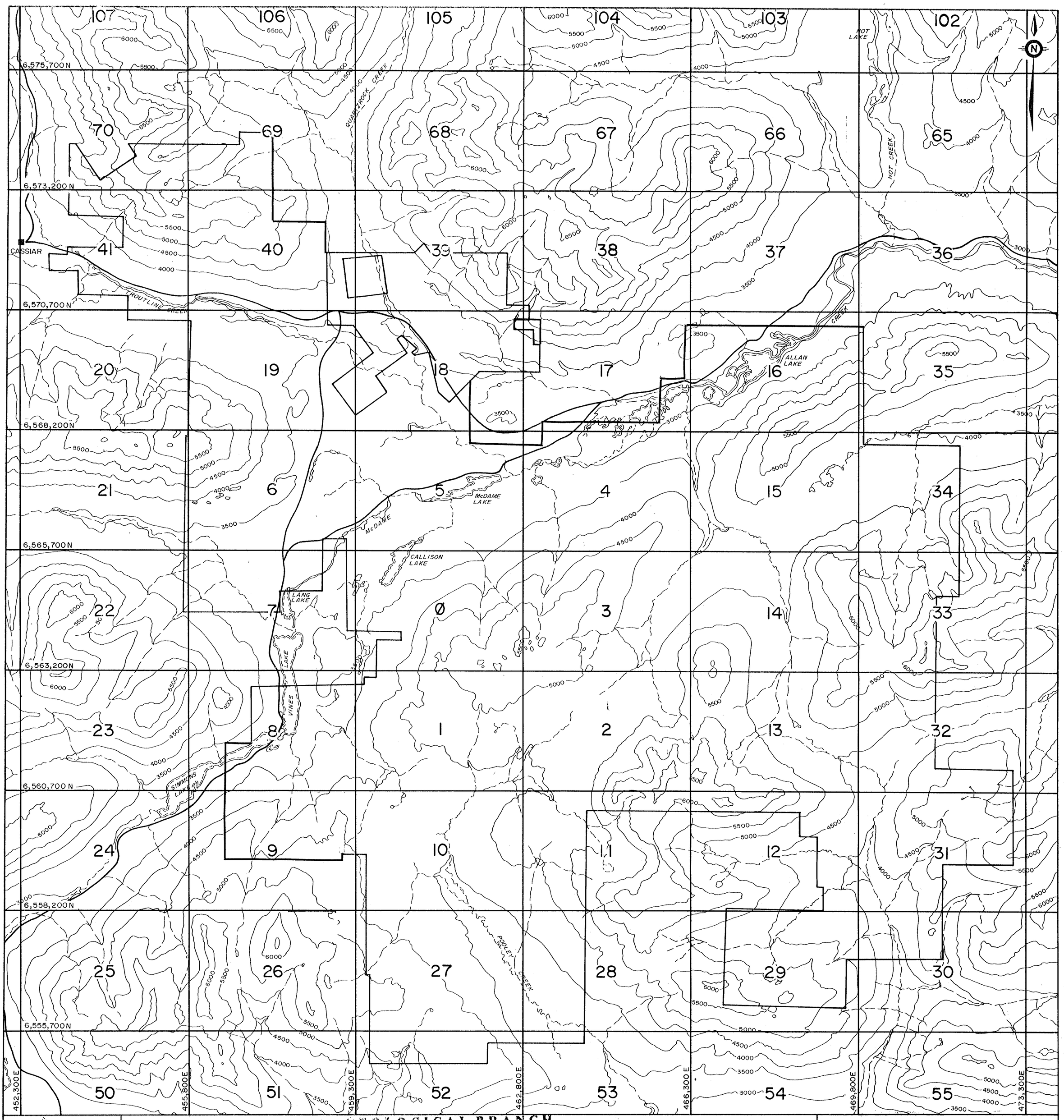
23,017

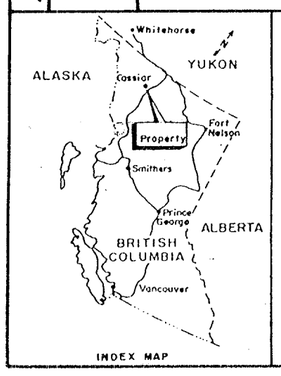
3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,047





NOTE: DETAILED ROADS ON 1:5000 MAPS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,047

0 500 1000 2000 3000 4000 (metres)

1:50,000

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M. C. N. BALL
GEOSCIENTIST

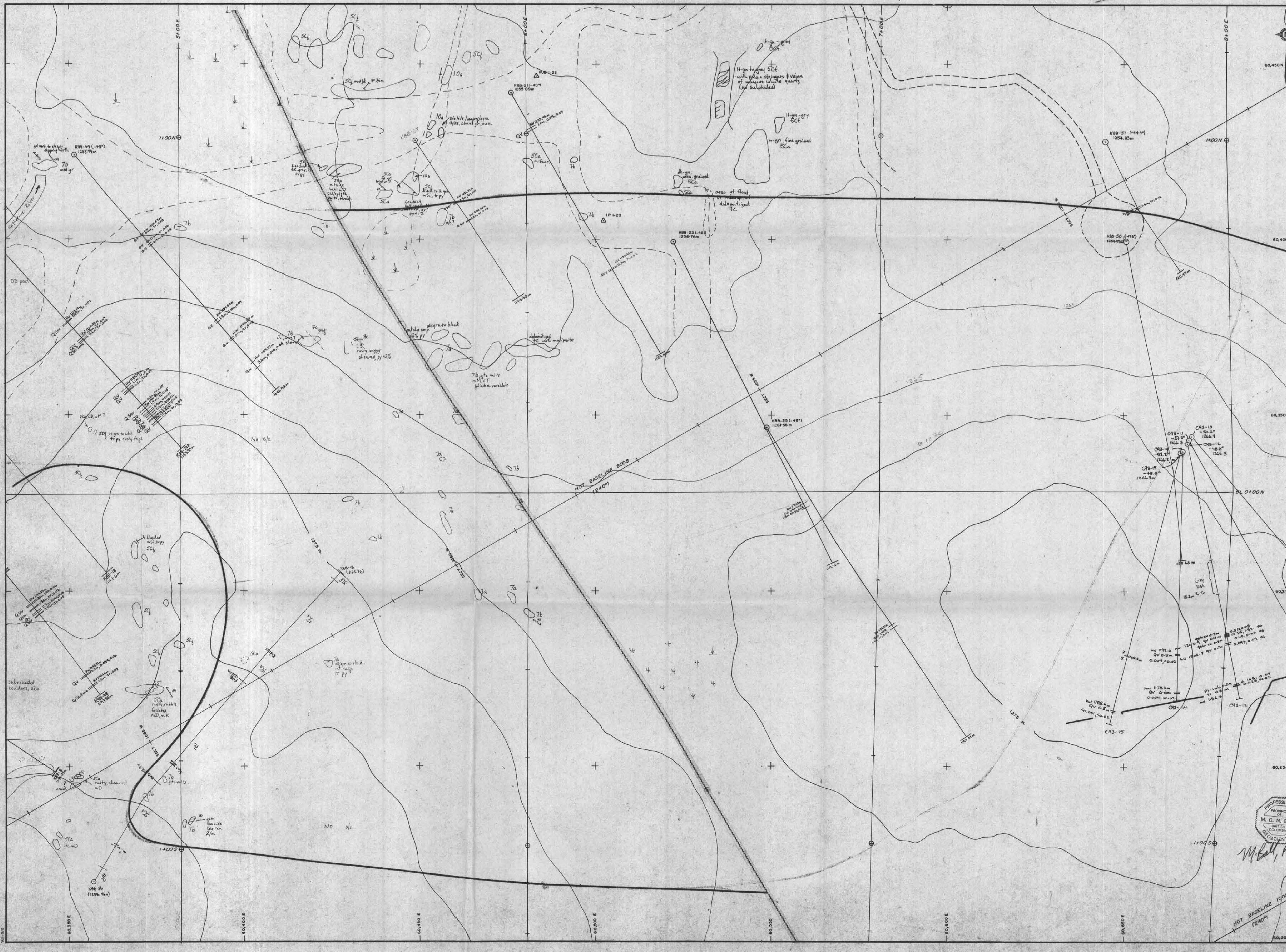
CUSAC INDUSTRIES LIMITED

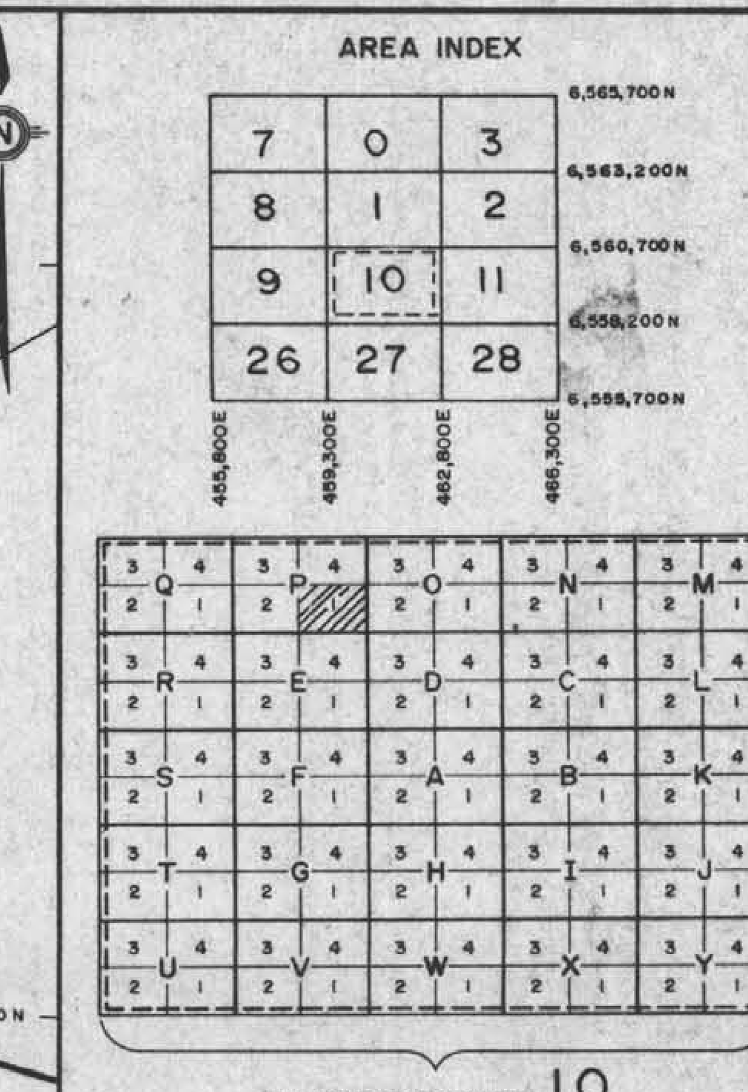
TABLE MOUNTAIN PROPERTY

MAP INDEX

DATE: August 1993 MAP NO. 104 P4,5

5





ENLARGEMENT OF AREA 10

SYMBOLS

Rock outcrop, area of outcrop, float
Geological boundary (defined, inferred)
Bedding (horizontal, inclined, vertical, overturned, dip unknown)
Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
Lineation, axis of minor folds (horizontal, inclined, vertical)
Drag-fold (arrow indicates plunge)
Fault (defined, interpreted)
Fault (inclined, vertical, relative movement)
Surface joint (horiz., inclined, vert., dip unknown)
U/G joint (horiz., inclined, vert., dip unknown)
Syncline (defined, approximate)
Anticline (defined, approximate)
Anticline and syncline (overturned)
Intensity (weak, moderate, strong)
Vein (inclined, vertical, dip unknown) 80°
Zone of alteration
Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce/ton
Trench
Adit or tunnel
Rock dump or tailings
Shaft, raise, winze
Diamond drill hole
(entering section, leaving section)
(on section / plan)
Contours 2500
Stream or creek (perennial, intermittent)
Marsh
Lake
Road

10 5 0 10 20 METRES
SCALE: 1:500

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SURFACE GEOLOGY & DIAMOND DRILLING

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — M. C. N. BALL

M. Ball, P.Geo

Project Name: TABLE MTN Project No.:
Latitude: 59° 11′ Longitude: 129° 41′
Mining Division: LIARD N.T.S.: 104 P/4E
To accompany a report by: M.BALL, P.GEO.
Alpha No.: Drawing No.:
Date: August 31, 1993 Map No.: 10-P-1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,047

AREA INDEX

7	0	3	6,565,700 N
8	1	2	6,563,200 N
9	10	11	6,560,700 N
26	27	28	6,558,200 N

455,800 E 458,300 E 460,800 E 463,300 E 6,555,700 N

ENLARGEMENT OF AREA 10

SYMBOLS

- Rock outcrop, area of outcrop, float
- Geological boundary (defined, inferred)
- Bedding (horizontal, inclined, vertical, overturned, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lineation, axis of minor folds (horizontal, inclined, vertical)
- Drag-fold (arrow indicates plunge)
- Fault (defined, interpreted)
- Fault (inclined, vertical, relative movement)
- Surface joint (horiz., inclined, vert., dip unknown)
- U/G joint (horiz., inclined, vert., dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)
- Vein (inclined, vertical, dip unknown)
- Zone of alteration
- Rock sample, X 0.324, 0.15 Assay: Au, Ag ounce/ton
- Trench
- Adit or tunnel
- Rock dump or tailings
- Shaft, raise, winze
- Diamond drill hole (entering section, leaving section) (on section / plan)
- Contours 2500
- Stream or creek (perennial, intermittent)
- Marsh
- Lake
- Road

SCALE: 1:500

CUSAC INDUSTRIES LIMITED

SURFACE GEOLOGY & DIAMOND DRILLING

Project Name: TABLE MTN Project No.:

Latitude: 59° 11' Longitude: 129° 41'

Mining Division: LIARD N.T.S.: 104 P/4E

To accompany a report by: M. BALL, P.GEO.

Alpha No.: Drawing No.:

Date: August 31, 1993 Map No.: 10-02

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS ACT — PROVINCE OF BRITISH COLUMBIA — M. C. N. BALL

M. Ball, P.Geo.