

FREEPORT-McMoRan GOLD COMPANY

TEXADA PROJECT

1988 PROGRAM

DIAMOND DRILL LOGS

HOLES 1 - 7

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,315

Part 2 of 3

Hole No: T88-1	Azimuth: 90.0	Core Size: N8	BOREHOLE TESTS:
			Depth Azimuth Dio Depth Azimuth Dio
Project: TEXADA ISLAND	Dip: -80.0	Contractor: BURWASH ENT.	
			88.4 90.0 -80.0
Property: VANANDA	Length (m): 395.30	Started: NOV. 6, 1988	188.1 94.0 -80.8
			313.0 100.0 -81.0
Claim: LITTLE BILLY	Elevation: 57.60	Completed: NOV. 12, 1988	391.4 100.0 -81.0
Co-ords: N: 9918.70	Casing: In 5 ft.Out	Logged By: C. N. FORSTER	
E: 9908.30	Left 5 ft.		

Xx-r .. Replit, Xx-m .. Metallic, Xx-a .. Acme Analysis

Sample No.	From (m)	To (m)	Inter-val (m)	Pb %	Zn %	Mo %	Au-r Oz/T	Au-m Oz/T	Ag-r Oz/T	Ag-m Oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	Au-a Oz/T
350023	122.0	123.4	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	83	<2	19	40	n/a
350001	225.5	226.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	122	12	21	<5	n/a
350002	226.5	227.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	51	6	24	<5	n/a
350003	227.5	228.2	.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1145	6	44	<5	n/a
350004	228.2	229.2	1.0	n/a	n/a	n/a	.135	.128	.49	.49	8320	<2	30	5	.137
350005	229.2	230.2	1.0	n/a	n/a	n/a	.063	.062	.24	.24	3910	<2	19	<5	.058
350006	230.2	231.2	1.0	n/a	n/a	n/a	.746	.706	1.28	1.27	>10000	6	90	10	.720
350007	231.2	232.2	1.0	n/a	n/a	n/a	.099	.100	.32	.32	4510	4	27	5	.107
350008	232.2	233.2	1.0	n/a	n/a	n/a	.129	.130	.73	.73	>10000	4	43	5	.095
350009	233.2	234.1	.9	n/a	n/a	n/a	.090	.088	2.19	2.19	>10000	14	126	5	n/a
350010	234.1	235.1	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	626	6	3	<5	n/a
350011	235.1	236.1	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	68	<2	1	<5	n/a
350012	236.1	237.2	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	2	1	<5	n/a
350013	237.2	238.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	17	2	1	<5	n/a
350014	238.2	239.3	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	14	<2	2	<5	n/a
350015	239.3	240.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	17	<2	1	<5	n/a
350016	240.3	241.2	.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	79	<2	1	<5	n/a
350017	241.2	242.2	1.0	n/a	n/a	n/a	.414	.392	5.22	5.25	>10000	10	269	30	.406
350018	242.2	242.8	.6	n/a	n/a	n/a	.154	.154	.41	.41	9840	6	26	<5	.143
350019	242.8	243.7	.9	n/a	n/a	n/a	.593	.548	1.28	1.27	>10000	2	72	40	.600
350020	243.7	244.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	409	<2	17	<5	n/a
NS	319.5	320.3	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350021	353.5	353.7	.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	>10000	<2	464	<5	n/a
350022	354.7	355.6	.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2640	<2	147	5	n/a

Hole No:	T88-1	Azimuth:	90.0	Core Size:	NO	BOREHOLE TESTS:		
Project:	TEXADA ISLAND	Dip:	-80.0	Contractor:	BURWASH ENT.	Depth	Azimuth	Dip
Property:	VANANDA	Length (m):	395.30	Started:	NOV. 6, 1988	88.4	90.0	-80.0
Claim:	LITTLE BILLY	Elevation:	57.60	Completed:	NOV. 12, 1988	188.1	94.0	-80.8
Co-ords: N:	9918.70	Casing:	In 5 ft. Out	Logged By:	C. N. FORSTER	313.0	100.0	-81.0
E:	9908.30		Left 5 ft.			391.4	100.0	-81.0

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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- .0 2.0 CASING
Top irregular (surface) much difficulty collaring straight.
- 2.0 2.7 BASALTIC DYKE
Finely grained dark green to purple, intensely biotitized, hornfelsed dioritic (dyke) with light green, siliceous (diopsidic) alteration stopping into the hornfelse. Abundant small remnant plag. Phenocrysts strongly to completely replaced by diopside (?). Bottom contact sharp but irregular @ 50 degrees to core axis rimmed by a 1/16 inch rind of pyrite. Contact does not appear intrusive, however alteration is probably obscuring chill margin.
- 2.7 4.2 MARBLE
Medium grained, granular white to grey. Soft, fizz with HCl. Compositional (?) band 60 degrees to core axis.
- 4.2 4.8 BASALTIC DYKE
Dark green, alteration as above. Upper contact 20 degrees to core axis bottom contact 85 degrees to core axis - minor garnet, pyrite development at contact.
- 4.8 15.6 MARBLE
Light grey, fine to medium grained; minor fracturing with pyrite and (graphite) black material filling; wavy, irregular fractures.

INTERVAL (m)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (m) (m) val (m) oz/t oz/t % ppb ppm
	@ 9.2 m : 1 m zone of strong silicification - hard. @ 12.3 m: 1 m zone of very intense silicification - marble totally replaced by silicate - upper contact is sharp and perpendicular core axis. Bottom is diffuse and grades back into calcium carbonate.	
15.6 18.0	FELDSPAR PORPHYRY DYKE Dyke (?) dark green with brown/purple biotitization plus greenish silicification - white plagioclase phenocrysts. Upper contact sharp @ 25 degrees to core axis with 1/16 inch pyrite rind.	
18.0 19.0	MARBLE White, fully replaced by silica with faint garnet, diopside banding (ghosting). Upper contact weakly sheared @ 45 degrees to core axis. Lower contact also weakly sheared @ 45 degrees to core axis and has 2 cm banded (45 degrees to core axis) diopside, garnet alteration.	
19.0 21.9	FELDSPAR PORPHYRY DYKE As above - dark green altered to biotite with pyroxene flooding (could also be bleaching along fractures). These units could also be volcanic layers (flows) or pyroclastic-tuff bands now intensely biotized.	
21.9 51.4	HORNBLENDE DIORITE Rounded to sub-angular, short stubby green phenocrysts of hornblende (?) in a creamy, leucocratic matrix - with significant silica and plag, K-spar. Unit is strongly magnetic with fine, disseminated magnetite. Susceptibility readings of 3,000. Upper contact marked by abrupt change from biotized unit to leucocratic, feldspathic unit. 24.0 30 cm zone of bleaching with minor epidote on a fracture. 27.0 Epidote, calcite @ 45 degrees to core axis with strong bleaching peripheral. moderate epidotization of feldspar phenocrysts for 1 m below fracture. 30.0 Fracture 10 degrees to core axis with calcite filling.	

INTERVAL (m)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (m) (m) val (m) oz/t oz/t % ppb ppm
31.5	Epidote filled fracture with intense pink feldspathization and silicification for 5 cm.	
35.0 35.8	Very broken non angular core, very strong quartz, pink feldspathic alteration.	
35.8 37.0	Strong fracture parallel to core.	
41.0	Chlorite filled fracture with bleached halo 15 degrees to core axis. Normal fracturing veins approximately 40 to 60 degrees to core axis.	
43.0 44.3	Bleached, pink feldspathic zone with K-spar (?) on fractures @ 40 degrees to core axis.	
49.5	20 cm bleached zone.	
50.5	Garnet, epidote (pyroxene) band, 10 cm thick @ 40 degrees to core axis.	
51.4 52.7	BIOTITE QUARTZ DIORITE Contact sharp at 40 degrees to core axis. 1 cm pink feldspathic chill margin in the BQD (Hornblendes in hornblende diorite are cut by BQD.) with bleaching and silica of HBD away from contact.	
52.7 56.9	HORNBLLENDE DIORITE Strongly silicified, weakly foliated @ 60 degrees to core axis, feldspar phenocrysts strongly bleached, altered zone approximately 30 cm @ 54.0 with 5 cm band of garnet. Moderate fracturing with chlorite, pyrite filling.	
56.9 59.5	FELDSPAR PORPHYRY DYKE Black, fine grained with small white feldspar phenocrysts. Biotized to purplish hue. Upper contact broken and bleached. Lower contact sharp on a fracture plane @ 15 degrees to core axis.	
59.5 69.7	HORNBLLENDE DIORITE Green, angular to sub-rounded phenocrysts of chloritic, hornblende (?) in a very silicious feldspathic sub-granitic matrix. Moderately fractured with quartz, epidote, pyrite and bleaching along and peripheral to fractures. 65.5 25 cm band of biotite, quartz diorite @ 40 degrees to core axis - contacts	

INTERVAL (#)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From:	To:	No. (#) val (#) oz/t oz/t % ppb ppm
	chilled and marked with 1 to 2 cm quartz rims, pervasively altering the hornblende diorite. From 66.0, the silicification and bleaching increases, as does fracturing with pyrite and chlorite on fractures. @ 30 degrees and 60 degrees to core axis, a later chloritic, open space fracture parallel to core axis.	
69.7	78.0 FELDSPAR PORPHYRY DYKE In a fine grained dark, biotitic, quartz feldspathic matrix - approximately 60% biotite - feldspar phenocrysts small, prismatic approximately 20% of rock. Upper contact has 1 cm chill margin and is 30 degrees to core axis, disseminated pyrite to 5%. Weak to moderate bleaching along fractures filled with epidote and chlorite. Fracture density variable @ 30 to 40 degrees to core axis.	
78.0	79.8 HORNBLLENDE DIORITE Very silicified, weakly chloritized, strongly fractured. .0.0 Contact sharp @ 40 degrees to core axis, bleaching for 3 cm. Into BD.	
79.8	81.1 BIOTITE QUARTZ DIORITE	
81.1	87.6 HORNBLLENDE DIORITE Very silicious variety or hybrid between the BQD and the HQD - bleached and fractured. The upper contact is gradational starting @ 81.0 with a quartz, chlorite, magnetite vein.	
87.6	89.6 BIOTITE QUARTZ DIORITE Upper contact is diffuse over several metres, but section is distinct granitic section as to its enclosing (bi) hornblende diorite. However, contact is sharper @ 65 degrees to core axis in to a diffuse silicious biotite hornblende, feldspar diorite.	
89.6	93.7 HORNBLLENDE DIORITE	

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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As before, the BGD is very strongly fractured and altered (bleached). (Fundamental difference between BGD and H(B)GD is the latter's granitic texture and lack of fracturing and alteration. BGD obviously has undergone significant fracturing, bleaching and alteration, possibly due to emplacement of the BGD.

93.7 99.5 MARBLE

Upper contact 25 degrees to core axis - with 1 cm of garnet skarn or contact. Fractures filled with pyroxene (diopside) (?) plus contact cut the garnet. Marble is medium grained, grey, with moderate ghost fractures annealed by the marbling. Several 20 - 30 cm white bleached zones.

99.5 101.5 HORNBLENDE DIORITE

Upper contact 35 degrees to core axis. Contact has 2 cm garnet, diopside, skarn, distinctly zoned as above. Strongly altered fractures and bleached.

101.5 113.9 FELDSPAR PORPHYRY DYKE

Dark biotitic fine grained ground mass - contact is 20 degrees to core axis.

102.0 2 cm quartz feldspar pegmatite vein.

104.0 30 cm zone of strong bleaching and feldspathic alteration.

110.0 111.5 Diffuse zone of silicified hornblende, biotitic, feldspar porphyry as above - distinct unit but diffuse contacts.

112.6 113.9 Sheared @ 20 degrees to core axis, increasing in intensity to 113.4 (Fault) where remaining 50 cm is chloritic shear zone. Thin clay gouge on contact @ 40% to core axis.

113.9 119.6 MARBLE

10 Gammas shearing for 20 cm into marble bleached to 116.3 - light grey to white.

117.0 Weakly foliated @ 35 degrees to core axis.

117.5 Marble - calcite flames with pyrite along the rims @ 45 degrees to core axis.

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INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
179.0	10 cm felsic, K-spar dyke with 10% pyrrhotite @ 20 degrees to core axis offset by perpendicular fractures @ 70 degrees to core axis.									
181.5	Basic dyke - minor feldspar phenocrysts contact @ 35 degrees to core axis - 50 cm thick.									
183.0 188.0	Bleached white marble - medium grained.									
188.0	Coarse grey marble.									
190.0	80 cm pyrrhotite vein parallel core axis with moderate bleaching for 1 cm into grey marble.									
197.0 199.0	Bleach fine grained marble.									
206.0 207.0	Minor graphitic, pyrrhotite wormy veinlets.									
213.0	Minor graphitic, pyrrhotite wormy veinlets.									
218.0 227.0	White marble with strong shearing at 219.0 - 30 degrees to core axis and chlorite on plane.									
221.0 223.0	Very coarse crystallized marble.	350001	225.5	226.5	1.0	.002	.04	<.01	n/a	<.2
225.6	Banding (compositional (?)) @ 45 degrees to core axis.									
225.7 228.2	BASALTIC DYKE									
	Green, fine grained, intensely altered - silica plus (diopside (?)) and, fine sericite - very hard, bleached along fractures with feldspar phenocrysts near bottom. Upper contact has minor garnet plus pyroxene and 2 cm of pyrite and approximately 60 degrees to core axis. Lower contact is weakly sheared, and replaced by light garnet skarn @ approximately 40 degrees to core axis.	350002	226.5	227.5	1.0	<.002	.04	<.01	n/a	.8
		350003	227.5	228.2	.7	.002	.06	.11	n/a	.6
228.2 233.9	SKARN									
	Wollastonite with coarse (2 - 3 cm) blobs of light green diopside and minor green garnet.									
	Wollastonite - 75% Diopside - > 20% Garnet&Sul. < 1%.									
228.2 228.7	Approximately 3% bornite.	350004	228.2	229.2	1.0	.084	.35	.77	n/a	13.0
228.7 230.0	Scattered blebs and disseminations of bornite. Approximately 5% bornite.	350005	229.2	230.2	1.0	.033	.19	.35	n/a	7.2
		350006	230.2	231.2	1.0	.536	1.19	1.92	n/a	44.4
230.4 230.7	Bornite to 5%.									
230.7 232.6	Scattered bornite to approximately 1%.	350007	231.2	232.2	1.0	.106	.27	.42	n/a	7.4
	Wollastonite very coarse.	350008	232.2	233.2	1.0	.158	.79	1.22	n/a	22.4
232.6 234.1	Bornite to 3 - 5% - massive pod at 233.4. Banding diopside at 232.8 at 40	350009	233.2	234.1	.9	.124	2.27	5.17	n/a	75.8

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INTERVAL (#)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (#) val (#) oz/t oz/t % ppb ppm
	altered to purple biotized frags (clasts) in lighter green pyroxene matrix, hard plus silicified. Unaltered sections are fine grained biotite-rich, with fine textured granitic matrix. (qtz)-feldspar). Lower contact sheared with 5 cm, chloritic - clay gouge at 25 degrees to core axis and from 272.4 to 273.4, strongly fractured and broken with chlorite-serpentinized slickensides.	
273.4 287.7 MARBLE	Bleached white for 3 m past contact. Then greyish, medium grained with moderate calcite and bleached fractures. 278.2 280.0 Massive white, bleached marble. @ 277.5 wormlike fractures (stylolitic) graphite veinlet.	
287.7 288.8 BIOTITE QUARTZ DIORITE	Fine to medium grained, biotite partially replaced by chlorite; fine disseminated pyrite to approximately 2%. Pinkish feldspars (K-spar) to 10%. Upper contact chilled, bleached and with minor (weak) calc-silicate alteration sharp @ 50 degrees to core axis - also gouge. Lower contact with marble bleached, chilled and with stronger calc-silicate alteration @ 50 degrees to core axis	
288.8 290.3 MARBLE	Mottled, bleached, medium grained - bleaching extends from upper dyke - 10 cm into rock.	
290.3 291.9 BIOTITE QUARTZ DIORITE	Coarse grained to pegmatitic with 40% K-spar, 10% coarse biotite, 40% plag and 20% quartz. Plag phenocrysts are porphyritic. Upper contact @ 50 degrees to core axis with 8 cm of marble gouge. Lower contact sheared @ 38 degrees to core axis.	
291.9 303.7 MARBLE	Medium to coarse grey, granular with minor bleaching along fractures (bottom 1 m strongly bleached and recrystallized).	
303.7 304.7 BIOTITE QUARTZ DIORITE		

[illegible]

[illegible]

Hole No:	T88-2	Azimuth:	90.0	Core Size:	NØ	BOREHOLE TESTS:					
						Depth	Azimuth	Dip	Depth	Azimuth	Dip
Project:	TEXADA	Dip:	-75.0	Contractor:	BURWASH ENT.						
Property:	VANANDA	Length (m):	288.00	Started:	NOV. 12, 1988	122.8	86.0	-75.5			
						251.5	90.0	-76.0			
Claim:	LITTLE BILLY	Elevation:	54.20	Completed:	NOV. 17, 1988						
Co-ords: N:	9918.30	Casing: In	10.0	Out	Logged By:	C.N. FORSTER, T. TRUEMAN					
E:	9862.60	Left	12.0	ADDED 2.0	AFTER DRILL	LEFT					

INTERVAL (m)		DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppb
From:	To:										

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.0      3.0 OVER BURDEN
        Cased - no core.

3.0     10.0 HORNBLENDE DIORITE
        >90% hornblende as fine velted mass. Very broken
        at 5.18 and 9.5 to 10.0 - weakly sheared,
        strongly bleached to silicified in sections.

10.0    16.8 MARBLE
        White, granular, bleached, fine laminations.
        @ 11.3 are 35 degrees to core axis.
        @ 16.4 - 15 cm garnet, pyroxene band.
        @ 16.8 - 10 cm garnet on contact.

16.8    19.0 FELDSPAR PORPHYRY DYKE
        Minor quartz eyes in a green silicified
        sercitic/chloritic matrix.

19.0    20.5 BIOTITE QUARTZ DIORITE
        Felsic dyke, < 5% bi chlorite, very broken and in
        part sheared.

20.5    21.3 BASALTIC DYKE

21.3    21.8 MARBLE

21.8    23.0 FELDSPAR PORPHYRY DYKE
        Felsic, green sercitic dyke - bottom 20 cm is

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INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
	biotized porphyry basic dyke with plagioclase phenocrysts.									
23.0	32.0 MARBLE									
	Coarse dark grey marble.									
	23.3 Biotized feldspar porphyry dyke @ 30 degrees to core axis.									
	29.0 Becomes finer grained and bleached.									
	29.8 Chloritic slip @ 65 degrees to core axis.									
32.0	73.7 HORNBLLENDE DIORITE									
	Creamy, silicious matrix with corroded quartz (?) eyes plus biotite and hornblende (in part) replaced by chlorite phenocrysts - light green in color, intensely altered (sericite) (silica) with strong quartz, chlorite/epidote filled fracturing. Very broken - with bleaching along most of the fractures.									
	50.2 51.3 Biotite quartz diorite dyke - fresh upper contact chilled @ 50 degrees to core axis and the same for the lower contact.									
	58.5 59.0 Biotite, feldspar porphyry quartz diorite - weakly altered by chlorite. 20 cm of silicification into hornblende biotite quartz diorite.									
	60.0 Zones of silicification in hornblende quartz diorite.									
	65.8 Hornblende biotite quartz diorite - 30 cm biotite quartz @ 90 degrees to core axis. -									
	66.5 68.0 Strong fracturing, silicification, bleaching plus chlorite and epidote.									
	70.9 72.0 Biotite quartz diorite dyke - fresh. @ 65 degrees to core axis.									
	72.0 73.7 From approximately 72.0 on, the hornblendes biotite diorite has weakly increased sericitic/chlorite alteration (?) - rock is perceptively greener in color. Also feldspar phenocrysts (strongly altered to sericite) (?) are more discernible .									
73.7	78.0 BIOTITE QUARTZ DIORITE									
	Fresh, coarse grained. Some inclusions of more mafic intrusive. Upper contact @ 25 degrees to core axis, 1 cm quartz selvage plus chill margin									

[illegible]

[illegible]

[illegible]

INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
242.9 243.2	Minor disseminated pyrrhotite in medium grey bands.									
243.6	Sharp fracture @ 20 degrees to core with adjacent sub. Parallel 1 - 2 mm bank of disseminated pyrrhotite plus pyrite.									
244.5 248.8	Medium grained.									
246.3 246.4	Vuggy, irregular dark grey bands with minor pyrite.									
249.7 254.0	Diffuse coarse grained texture indicated by patchy mutual extinction.									
254.0	2 mm dark grey, pyritic stylolitic stringer.									
258.0	Fracture with trace gouge @ 10degrees to core axis.									
258.3	Sharp fracture with minor gouge @ 35 degrees to core axis followed by 2 cm irregular, dark green band with chlorite and talc; minor fault (?); pyritic.									
258.7	3 mm dark green pyritic stylolitic chlorite band.									
258.9 259.3	'white' marble.	350025	259.4	259.9	.5	<.002	<.01	.02	n/a	n/a
259.5 269.4	MARBLE									
	As previous unit except medium grey throughout.									
259.7	10 cm hard (>5), siliceous, mottled light to dark grey plus minor pink and green, dyke; contacts chloritic, upper irregular, lower sharp @ 55 degrees to core axis; 5% disseminated pyrrhotite, minor pyrite, trace moly.									
260.8 262.9	Coarse grained.	350024	264.6	264.9	.3	<.002	<.01	.04	n/a	n/a
264.8	Irregular, 2 - 3 cm band; 20 - 30 degrees to core axis; 30% pyrrhotite, 3% pyrite.									
265.3	5 mm medium grey gouge on sharp fracture @ 55 degrees to core axis.									
266.2	1 - 3 mm black, carbonaceous (?), stylolitic band; also @ 267.2, 267.9 and 268.1.									
267.2	Sharp carbonaceous fracture @ 40 degrees to core axis.									
267.3	Irregular 2 - 3 cm dark grey band with 20% pyrrhotite plus pyrite.	350026	268.4	269.4	1.0	<.002	<.01	.02	n/a	n/a

[illegible]

Hole No:	TBB-2	Azimuth:	90.0	Core Size:	NØ	BOREHOLE TESTS:					
Project:	TEXADA	Dip:	-75.0	Contractor:	BURWASH ENT.	Depth	Azimuth	Dip	Depth	Azimuth	Dip
Property:	VANANDA	Length (m):	288.00	Started:	NOV. 12, 1988	122.8	86.0	-75.5			
Claim:	LITTLE BILLY	Elevation:	54.20	Completed:	NOV. 17, 1988	251.5	90.0	-76.0			
Co-ords: N:	9918.30	Casing:	In 10.0 Out	Logged By:	C.N. FORSTER, T. TRUEMAN						
E:	9862.60		Left 12.0 ADDED 2.0 AFTER DRILL LEFT								

[illegible]

Hole No: T88-3	Azimuth: 90.0	Core Size: NØ	BOREHOLE TESTS:		
Project: TEXADA	Dip: -74.0	Contractor: BURWASH	Depth	Azimuth	Dip
Property: VANANDA	Length (m): 400.80	Started: NOV. 18, 1988	38.1	91.0	-74.0
Claim: LITTLE BILLIE	Elevation: 64.40	Completed: NOV. 23, 1988	38.7	90.0	-76.5
Co-ords: N: 9885.20	Casing: In 3.0 Out	Logged By: TRUMAN, FORSTER, HUGHES	251.5	90.0	-76.0
E: 9848.50	Left 3				

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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.0 3.0 CASING

3.0 47.5 MARBLE

Fine grained; granular or sugary texture; dominantly medium grey with light grey and local white sections, locally mottled; moderate fracturing locally;

3.0 3.1 Med pinkish, greenish grey dyke; 5% diss. Pyrite.

3.1 4.0 Minor buff oxidation on fracture; local minor pyrite on fractures.

4.4 Banding @ 45 degrees to core axis (fracturing? bedding?).

6.2 Minor pyrite, also @ 7.8, 8.9, 9.8, 17.0, 19.3, 23.9, 29.8.

14.0 Banding @ 45 degrees to core axis (fracturing? bedding?).

14.8 15.0 Limonite on fractures.

16.6 Trace gouge on broken fracture @ 75 degrees to core axis.

22.7 Banding @ 40 degrees to core axis.

28.2 Irregular talcose slip @ 60 degrees to core axis.

28.5 Minor gouge on sharp fracture @ 35 degrees to core axis.

32.2 Minor pyrite; also @ 40.5.

35.5 36.6 Light grey; also 38.0 - 39.8.

36.7 1 - 3 mm black, pyritic stylolite; also @ 38.0.

41.7 45.5 'white', watery translucent lustre, locally medium grained.

45.8 46.0 Crushed locally, broken, 20% light medium brown garnet.

46.0 46.1 20% medium green talc.

350029	45.5	46.5	1.0	<.002	<.01	<.01	n/a	n/a
350030	46.5	47.5	1.0	.201	<.01	<.01	n/a	n/a

[illegible]

INTERVAL (#)	DESCRIPTION	Sample From To Inter-	Au	Ag	Cu	Au	Ag
From: To:		No. (#) (#) val (#)	oz/t	oz/t	%	ppb	ppm
59.1 62.6	Strong fracturing; locally mottled.						
59.5	Sharp fracture with trace gouge @ 55 degrees to core axis.						
60.2	Sharp fracture with trace gouge @ 20 degrees to core axis.						
63.9	1 - 2 mm dark grey, pyritic stylolite; also @ 67.1.						
66.4	1 mm dark grey gouge on sharp fracture @ 65 degrees to core axis.						
70.4	Minor pyrite on fractures.						
72.0	Minor pyrite and blue-green stain on irregular fracture.						
72.0 73.7	Light grey; watery-translucent lustre; these intervals slightly harder and possibly silicified.						
75.6	Irregular, 1 - 4 mm dark grey, pyrrhotitic stylolites.						
79.9	Minor iron sulphides.						
81.2 87.5	Massive, uniform text and medium grey colour; boring.						
89.3 89.8	White and medium grained (recrystallized)						
89.8 98.3	HORNBLENDE DIORITE						
	Medium greenish grey; hard (>5); 70% plagioclase (?), 25% chloritized hornblende, 3 - 4% magnetite, minor pyrite, local epidote alteration; weakly foliated; fractures @ 40 degrees, * 55 degrees and 65 degrees to core axis, locally broken; commonly aphanitic but locally porphyritic with subhedral feldspars to 3 mm; minor bleaching along fractures. -						
89.8	Contact with following unit sharp, irregular, frozen, @ about 60 degrees to core axis, with 1 mm brown garnet selvage and minor pyrite.						
89.8 90.5	Broken with chlorite and talc on fractures.						
95.0 95.2	20% feldspar phenocrysts.						
96.0 96.3	Broken.						
96.2	6 cm pink, biotite quartz feldspar dyke; contacts sharp, parallel and frozen @ 60 degrees to core axis; feldspar phenocrysts to 2 cm (orthoclase?).						
97.4 98.3	20% pale green feldspar phenocrysts (sub-anhedral) in brownish-grey matrix.						

[illegible]

[illegible]

[illegible]

INTERVAL (m)		DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
From:	To:										
216.8	237.2	HORNBLLENDE DIORITE Similar to 204.0 - 212.6: sheared and broken at contact with quartz, calcite plus epidote alteration on contact zone. Then into massive, silicic, porphyrite unit. Phenocrysts are prismatic, to sub-rounded, ghosted, partially preferentially aligned. @ 228.3 - felsic shear/dyket 10 cm long. @ 235.7 - broken down to 237.2. Fine grained, biotitic hornfels with garnet, pyroxene skarn development and pyrite.									
237.2	239.0	MARBLE Coarse, white, bleached to 238.6. Then skarn - sheared, gouged light brown garnet, calcite gouge.									
239.0	242.3	HORNBLLENDE DIORITE Grey to green siliceous as above: @ 241.4 - 10 cm garnet, pyroxene, silica zone and @ 241.6 - feldspar porphyry dyke - biotized. Core contact angles approximately 20 degrees to core axis.									
242.3	271.1	MARBLE White coarse, bleached crystalline - @ 245.5: 20 cm green, feldspar porphyry dyke. Minor sections of disseminated pyrite and sooty graphite.	350039	270.1	271.1	1.0	<.002	<.01	.14	n/a	n/a
271.1	280.3	SKARN Contact sharp, irregular and approximately perpendicular to core axis. Massive, green garnet with minor diopside (light, amorphous green silicate) plus >5% bornite to 272.1 plus chalcopryrite. Note: BOX CONTAINING SKARN DROPPED BY THE DRILLER. 272.1 273.0 SKARN Fine grained wollastonite plus minor diopside and approximately 1 - 2% bornite, disseminated.	350040	271.1	272.1	1.0	2.586	7.38	8.56	n/a	n/a
273.0	274.8	SKARN pyroxene (diopside) wollastonite with 3 - 4% bornite in short sections.	350041	272.1	273.1	1.0	1.164	1.53	1.80	n/a	n/a
274.8	275.2	SKARN massive green garnet with interstitial wollastonite, little to no bornite.	350042	273.1	274.2	1.1	.368	.68	1.07	n/a	n/a
275.2	276.1	SKARN wollastonite plus massive green garnet with 30 cm of plus 5% bornite.	350043	274.2	275.2	1.0	.086	.45	.92	n/a	n/a

INTERVAL (m)		DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
276.1	276.4	SKARN fine grained, massive light green silicious diopside band no sulphides.	350044	275.2	276.2	1.0	.162	1.56	2.36	n/a	47.4
276.4	278.2	SKARN green garnet and diopside and wollastonite >5% pyrite and <chalcopyrite - no bornite.	350045	276.2	277.2	1.0	.004	.07	.13	n/a	n/a
278.2	280.3	SKARN wollastonite, pyroxene skarn with trace bornite.	350046	277.2	278.2	1.0	.008	.12	.87	n/a	n/a
280.3	282.7	FELDSPAR PORPHYRY DYKE Black, fine grained biotitic matrix intensely bleached, with section of calc- silicate alteration.	350047	278.2	279.2	1.0	<.002	<.01	<.01	n/a	n/a
			350048	279.2	280.3	1.1	<.002	<.01	<.01	n/a	n/a
			350049	280.3	281.3	1.0	<.002	<.01	<.01	n/a	n/a
			350050	281.3	282.3	1.0	<.002	<.01	.01	n/a	n/a
			350051	282.3	282.7	.4	.105	.08	<.01	n/a	n/a
282.7	289.3	SKARN 282.7 284.4 Wollastonite skarn with approximately 1% disseminated bornite. 284.4 289.3 Pyroxene (diopside: light apple green, amorphous as wavy bands in the core) > 60%. Coarse green garnet - minor wollastonite.	350052	282.7	283.7	1.0	<.002	<.01	.47	n/a	n/a
			350053	283.7	284.5	.8	<.002	<.01	.02	n/a	n/a
			350054	284.7	285.7	1.0	<.002	<.01	<.01	n/a	n/a
			350055	285.7	286.7	1.0	<.002	<.01	<.01	n/a	n/a
			350056	286.7	287.7	1.0	.031	.08	<.01	n/a	n/a
			350057	287.7	288.7	1.0	<.002	.04	.12	n/a	n/a
		288.6 5 cm of disseminated bornite - 2%.									
289.3	341.4	MARBLE Mottled, white to light grey marble, fractured, medium grained, bleached to 295.2 296.2 fine disseminated pyrite - sample - plus darker, metallic metal. 311.8. 311.8 10 cm biotized, bleached, sheared dyke. 311.9 Grey marble - distinct colour change to 331.0. 326.5 3 cm pyrite band. 331.0 340.5 Mottled, bleached, fractured marble. Fracturing and shearing @ 5 - 10 degrees to core axis plus subordinate 65 - 75 degrees core axis. 340.5 341.4 Bleached, medium coarse grained crudely mottled to cm-banded latter @ (average) 40 degrees core axis.	350058	288.7	289.3	.6	<.002	<.01	.08	n/a	n/a
			350059	289.3	290.3	1.0	<.002	<.01	.08	n/a	n/a
			350060	295.2	296.2	1.0	<.002	<.01	<.01	n/a	n/a

INTERVAL (#)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (#) (#) val (#) oz/t oz/t % ppb ppm
341.4 342.1	FELDSPAR PORPHYRY DYKE Moderately to intensely silicified. Fine grained to aphantic matrix with 342.1 344.7 off-white to pale grey; mottled medium grained less than 2% dark grey (?) scattered mm irregular chloritized hornblende and trace disseminated pyrite. Contacts are chlorite serpentinized over 4 and 1 cm respectively (upper and lower). Upper contact @ 45 degrees to core axis. Lower contact @ 50 degrees to core axis. Both with mm-talc-serp-chlorite gouge @ contact.	
342.1 375.1	MARBLE Carbonaceous threads. Locally bleached fractures @ 35% core axis very competent. 344.7 347.5 Pale grey, fine to medium grained. Only weak bleaching along vaguely defined mm-threads: 1 - 2% speckled to hairwidth (?) carbon and trace disseminated oxidized pyrite. 347.5 355.2 Grey to locally bleached, mottled. Fine to, less commonly, medium grained characteristically medium pale grey, fine grained with speckled mm to cm bleach zones, with trace disseminated pyrite and subordinate disseminated zones of variegated, patchy to thread-like bleach off-white and grey marble. Fractures @ 30 - 35 degrees to core axis plus minor 60 degrees. 355.2 362.5 Grey, fine to, locally, medium grained. Granoblastic texture with crude mm to rarely cm off-white banding or crude alignment of grains @ 50 to 45 degrees to core axis. Fractures @ 40 degrees and 65 degrees to core axis. Upper 'contact' marked by vague off-white threads. Lower, by increasing grain size and darker colouration. 362.5 368.5 Medium grey, medium grained, with cm disseminated sub-ididioblastic medium coarse grained off-white marble in an otherwise medium grained granoblastic marble. 3 - 5% thread veinlets. Lower 'contact' zone is fine grained, possibly weakly silicified.	

[illegible]

Hole No:	TBB-3	Azimuth:	90.0	Core Size:	NØ	BOREHOLE TESTS:					
						Depth	Azimuth	Dip	Depth	Azimuth	Dip
Project:	TEXADA	Dip:	-74.0	Contractor:	BURWASH						
Property:	VANANDA	Length (m):	400.80	Started:	NOV. 18, 1988	38.1	91.0	-74.0			
						38.7	90.0	-76.5			
						251.5	90.0	-76.0			
Claim:	LITTLE BILLIE	Elevation:	64.40	Completed:	NOV. 23, 1988						
Co-ords: N:	9885.20	Casing:	In 3.0 Out	Logged By:	TRUEMAN, FORSTER, HUGHES						
E:	9848.50		Left 3								

Xx-r .. Replit, Xx-m .. Metallic, Xx-a .. Acme Analysis															
Sample No.	From (m)	To (m)	Inter-val (m)	Pb %	Zn %	Mo %	Au-r Oz/T	Au-m Oz/T	Ag-r Oz/T	Ag-m Oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	Au-a Oz/T
350029	45.5	46.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350030	46.5	47.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350031	47.5	48.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350032	48.5	49.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350033	49.5	50.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350034	50.5	50.9	.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350035	50.9	51.7	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350036	51.7	52.5	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350037	52.5	52.9	.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350038	108.2	108.9	.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350039	270.1	271.1	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350040	271.1	272.1	1.0	n/a	n/a	n/a	1.918	1.512	6.52	6.43	n/a	n/a	n/a	n/a	1.708
350041	272.1	273.1	1.0	n/a	n/a	n/a	.917	.918	1.48	1.48	n/a	n/a	n/a	n/a	1.090
350042	273.1	274.2	1.1	n/a	n/a	n/a	.245	.234	.67	.67	n/a	n/a	n/a	n/a	.214
350043	274.2	275.2	1.0	n/a	n/a	n/a	.059	.056	.72	.72	n/a	n/a	n/a	n/a	.067
350044	275.2	276.2	1.0	n/a	n/a	n/a	1.019	.884	n/a	n/a	>10000	<2	160	25	n/a
350045	276.2	277.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350046	277.2	278.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350047	278.2	279.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350048	279.2	280.3	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350049	280.3	281.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350050	281.3	282.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350051	282.3	282.7	.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350052	282.7	283.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350053	283.7	284.5	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350054	284.7	285.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350055	285.7	286.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350056	286.7	287.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350057	287.7	288.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350058	288.7	289.3	.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350059	289.3	290.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350060	295.2	296.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350061	372.9	373.9	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350062	373.9	375.2	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350063	375.2	376.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Hole No: T88-4	Azimuth: 90.0	Core Size: NQ	BOREHOLE TESTS:		
			Depth	Azimuth	Dip
Project: TEXADA	Dip: -70.5	Contractor: BURWASH			
Property: VANANDA	Length (m): 375.80	Started: NOV. 23, 1988	62.8	87.0	-71.5
Claim: LITTLE BILLIE	Elevation: 64.60	Completed: NOV. 27, 1988	172.8	90.0	-72.0
			280.0	89.0	-73.0
			346.7	94.0	-73.0
Co-ords: N: 9885.30	Casing: In Out	Logged By: TNJM			
E: 9848.60	Left				

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
From:	To:									

.0 4.2 CASING

4.2 41.9 MARBLE

Medium pale grey. Fine grained, locally aphanitic, with erratic, patchy, off-white/bleached zones (<5% by volume with latter accompanied by dark grey, thread carbonate. Homogeneous texture and grain size throughout. Fractures @ 70 - 80 degrees to core axis with minor sub-sets @ 30 - 15 degrees to core axis.

15.8 16.0 Faults - blocky core with white etc. On slip planes.

16.9 17.8 Faults - blocky core with white etc. On slip planes.

27.6 31.2 Pale to locally medium grey; ine grained to aphanitic with crude m - cm wide colour banding and 1 - 2% thread carbonate. Banding @ 35 - 40 degrees to core axis.

32.3 35.7 Fine grained, bleached, with colour zoning and carbonate threads over 0.3 m @ contacts. Fractures @ 70 - 80 degrees to core axis with minor 15 - 25% sub-set. Off-white to very pale grey.

35.7 41.9 Variable colourations and texture; initially grey with crude, patchy aphanitic carbonate and 2 - 3% thread veinlets, becoming paler, more homogeneous; relatively massive, fine grained with minor 3 - 4%; 65 - 70 degrees to core axis, cm wide chalk grey banding. Below 38.3, increasingly pale - medium grey, mm - cm banded, fine to medium grained,

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

INTERVAL (m)	DESCRIPTION		Sample From To Inter- Au Ag Cu Au Ag No. (m) (m) val (m) oz/t oz/t % ppb ppm
	dyke producing ductile deformation of former.		
123.9	Intensely altered ?calc-silicate dyke. Silicified, pale green ? diopsidic-feldspathic to pale grey or grey-red. Texturally heterogeneous with colour banding, minor brecciation and thread carbonate fracture infill. Pyritiferous with stringer or aggregated sulphides 1% overall. Lower contact is pyritiferous, biotitic @ 45 - 20 degrees to core axis. Fractures @ 30 degree and 70 degrees to core axis.		
126.0 127.2	MARBLE Characteristically off-white, recrystallized, fine to medium grained with cm to dm dark grey fine grained carbonate bands.		
127.2 129.0	BASALTIC DYKE Grey-green to reddish-grey, fine grained, ragged-banded to lineated (latter @ 30 degrees to core axis) with aphanitic, feldspathic matrix supporting ? green diopside. Contacts @ 55 and 30 degrees to core axis.		
129.0 134.8	MARBLE Bleached or grey off-white variegated and commonly streaked to ductilely deformed, recrystallized with locally numerous mm chlorite or less commonly biotite.		
129.0 129.5	Blocky or gouge-like, bleached with localized serpentine approximately chlorite-garnet and disseminated sulphides.		
130.1	6 cm elongate 'bleb' of quartz-serpentine-chlorite.		
130.4 132.0	Fault with local gouge. Contains a poorly defined calc-silicate dyke altered to diopside-feldspar-quartz, @ 131.0 - 131.4, with <15% recovery from 131.4 - 132.0.		
133.6 134.8	Brecciated, recrystallized, silicified (with locally, fracture infill by Biotite-epidote-quartz-minor pyrite) or patchy - nebulous off-white		

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
	bleached or with variegated colouration. No distinct fracture set.									
134.8 143.6	FELDSPAR PORPHYRY DYKE HEL Di									
134.8 136.8	Predominantly altered to calc-silicates. A 30 degrees to core axis upper contact with epidote-biotite-pyrite alteration, becoming garnetiferous (massive) from 135.0 - 135.15; through pale grey-green or dark red-grey, locally diopside-blastic and garnetiferous (to 136.0) and finally grey-green, massive, fine grained to ?diopside-blastic with minor patchy bleaching.									
136.8 143.6	Dark grey, with abundant mm sub-idioblastic feldspars and subordinate tabular to subidioblastic or renoblastic amphibole in a fine grained dactic matrix. Magnetic, locally bleached with minor epidote approximately hematite and thread carbonate often blocky with fractures @ 0 - 15 degrees, 75 degrees and 35 - 40 degrees to core axis. Lower contact @ 40 degrees to core axis.									
143.6 153.1	MARBLE									
	Initially bleached, medium grained to 144.1 becoming darker, mottled to blastized (darker grey carbonate blasts) with minor cm bleached bands (to 147.0), massive medium to pale grey with 1 - 2% bleached threads to 149.3; blastizing with mottled bleaching to 150.0.									
150.0 150.9	Bleached, medium grained, relatively massive.									
150.9 153.1	Blastized medium grey marble, becoming mottled and bleached @ depth. Fractures @ 75 degrees to core axis with sub-sets @ 30 degrees and 40 degrees.									
142.6	1.5 cm wide, 35 - 38 degrees to core axis, pale green blastic (?amphibole) intermediate dyke.									

[illegible]

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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chloritic-serpentinized. Blocky. Minor pyrite in chl-bte-cte threads.

203.6 211.1 Similar to 198.8 - 202.5 with ragged - tabular amphibole locally recrystallizing to ragged/stringer bte. Weakly silicified, fine grained over cm - dm sections. 205.3 - 205.55 - pinkish grey feldspar-quartz-bte diorite. Contacts @ 55 - 50 degrees to core axis. Fine to medium grained. Minor haematite-cte weak epidote along fractures/carbonate veins, in 203.6 - 211.1. Lower contacts chilled, then silicified, pyritiferous with epidote-haematite and cte with latter as veining and @ 40 - 45 degrees to core axis (vaguely defined by veining) .

211.1 215.8 FELDSPAR PORPHYRY DYKE

215.8 218.5 BIOTITE QUARTZ DIORITE

Initially silicified, haematitic, with scattered 1 - 2% bte, and localized epidote stringers to 216.7, becoming grey, fine to medium grained with abundant tabular bladed ble in a silicified pale grey, locally weakly haematitic matrix. Upper contact missing, but ? 40 degrees to core axis. Lower is abrupt, @ 75 degrees to core axis. Magnetic.

218.5 232.5 FELDSPAR PORPHYRY DYKE

Initially silicified, near aphanitic with bladed - circular amphibole altering to bte - chl with trace disseminated pyrite. Mafics are reno-blastic, locally tabular in an erratically silicified feldspathic matrix 1 - 2% epidote - chl approximately pyrite stringers.

218.0 232.5 Crude C.A.L., defined by mafic stringers/blasts, of 30 - 0 degrees to core axis. Lower contact is serpentinized, over 2 cm, fine grained @ 30 - 35 degrees to core axis. Fractures @ 30 - 35 degrees, 50 - 45 degrees and 75 degrees to core axis.

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
232.5	247.9									

232.5 247.9 MARBLE

Initially gouged, to 232.6, bleached, serpentized, becoming medium grained, off-white, with increasing grey mottling, to 234.4 turning medium grey, relatively massive with 1 - 3% thread cte; increasing in size and overall percentage, producing a medium pale mottled marble @ 235.8.

235.8 242.9 Pale grey with sporadic, medium grey patchy marble or grey stylolites, decreasing @ depth with increasing thread carbonate and trace 1/4% chl--?bte, Fine grained, locally aphanitic. Fractures @ 75 degrees to core axis.

236.3 236.6 Garnetiferous feldspar-bte dyke. Garnets over 4 cm (upper), 1 cm (lower) contacts @ 45 - 50 degrees to core axis.

242.9 247.9 Bleached, off-white. Relatively massive with 1% xxx ?chl-bte. Fractures @ 30, 60 and 75 degrees to core axis.

247.9 249.3 FELDSPAR PORPHYRY DYKE

Feldspar porphyritic, green-grey, chilled, fine grained, possibly biotitized and vaguely epidotic. Non-magnetic. Blocky, upper contact @ 35 degrees. Lower is missing.

249.3 273.8 MARBLE

Bleached, off-white, with abundant, irregular white mm - cm 'stringers' or 3 - 4% cm nebulous, grey marble to 252.6.

252.6 272.7 Variegated/mottled pale to medium grey, locally cm - m bleached with abundant bleached thread marble and localized - chl-bte? threads. Fine to medium grained, locally blastizing, sub-idioblastic. Fractures @ 20 - 30 degrees; 30 - 35 degrees and 70 - 75 degrees to core axis.

263.9 264.6 Po - Py in chl-biotite stringers.

264.3 264.5 Dyke. Biotitic, weakly epidotic, carbonatized, feldspar-bte porphyry. Upper contact @ 50 - 65 degrees to core axis. Lower, broken, blocky core - R0D note.

INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
264.6	Po-Py in chl-bte stringers.									
272.7 273.8	Mottled to crudely banded and possibly locally boxed and annealed, (pale) off-white and grey marble. C.A.L. @ 35 - 40 degrees to core axis, defined by bleached threads. Lower contact over 4 cm is bleached, blastized, highly irregular. Initially @ 30 - 20 degrees to core axis with skarn 'apophysis'? intruding. Fractures @ 10 - 30 degrees to core axis 273.6 to 273.7, 12 degrees to core axis 1 cm serpentine vein.									
273.8 283.5	SKARN									
	Abrupt contacts in v. Apophysis (from 273.8 - 274.0) marble to 274.09, then second skarn zone. Apophysis has 10 - 30 degrees to core axis contacts. 2nd zone, @ 75 degrees to core axis, from 274.0 - 274.2. Green - garnet semi-massive, coarse grained, with 10 to 12 feet disseminated bornite, particularly along contacts. Matrix is 15% max. Pale grey - pale green feldspar-diopsidic with disseminated to aggregated fine bornite.	350072	273.8	274.8	1.0	.136	.65	1.07	n/a	n/a
274.2 276.1	Coarse grained pale greenish grey tremolite (75 feet) and coarse grained idioblastic green garnet. Stringer of bornite-carbonate-feldspar @ 274.55. Otherwise, negligible sulphides. Gradational lower contacts marked by appearance of buff-pink garnet.	350073	274.8	275.6	.8	<.003	.05	<.01	n/a	n/a
		350074	275.6	276.4	.8	<.003	.04	.16	n/a	n/a
276.1 278.9	Garnetite. Predominately buff-pink garnetite, to 277.6 with localized blastizing green garnet (5 to 6 feet by volume).									
276.4 276.0	5% py-cp green/pink garnetite and abundant thread carbonate, trace i/8% disseminated bornite and trace Cp and 3 - 5% carbonate-feldspar-?diopside matrix infill. 277.6 - 278.9, variably green or buff-pink garnetite over dm widths. Sphalerite dusting in a 'pink-green' garnetite zone, from 271.1 - 277.35.	350075	276.4	277.8	1.4	<.003	.04	.10	n/a	n/a
		350076	277.8	278.9	1.1	<.003	.09	.50	n/a	n/a
278.9 280.7	Green garnetite. Massive, with 5 0 8% carbonate-tremolite, trace wollastonite infill, and abundant mesh/anastomosing thread	350077	278.9	279.9	1.0	.470	2.66	4.22	n/a	n/a
		350078	279.9	281.1	1.2	.232	.85	1.07	n/a	n/a
		350079	281.0	282.3	1.3	.264	1.49	2.48	n/a	n/a
		350080	282.3	283.5	1.2	.892	1.75	2.80	n/a	n/a

[illegible]

INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
	becoming fine to medium grained, massive with 1 - 2% mm-thread bleached carbonate, medium grey and locally blastized. Fractures @ 30, 55 and 80 degrees to core axis.									
330.1 338.6	Initially massive, pale grey, less than 1% thread or stylolite dark grey ?carbon, to 331.7, becoming more mottled, vaguely blastized, darker (med.) grey, with local concentrations of thread carbonate and chlorite, to 337.6 and finally bleached, fine to medium grained, vaguely blastized, with irregular thread ?chlorite. Fractures @ 80 degrees and 30 degrees to core axis.									
338.6 339.4	Grey, with mm-blastizing white carbonite in a lineated near mm-banded marble @ 40 degrees to core axis. Last contact is cm-chloritic, irregular, partially bleached.									
339.4 348.4	Variable texture. Initially bleached, pale grey, with chl-threads, becoming progressively darker, mottled (nebulous cm patches), weakly ?silicic and finally, medium grained grey, blastized, with 3 feet thread bleached silicic from 348.0 - 348.44. Fractures @ 75 - 80 degrees, 45 degrees and 0 - 30 degrees to core axis..									
348.4 349.3	FELDSPAR PORPHYRY DYKE Biotized, silicic, feldspar porphyry, non-magnetic, with chilled, aphanitic matrix (dacitic) and abundant, silicified, coalescing feldspar (xenoblastic). Upper contact is pale green serpentine-carbonatized @ 40 degrees to core axis. Lower, same, and @ 45 degrees to core axis. Dioritic with disseminated pyrite to 348.8.									
349.3 351.3	MARBLE Pale grey, locally bleached, particularly below 349.9, medium grained with 2% chl-bte approximately pyrite stringers. Fractures @ 30 - 35 degrees, 40 degrees to core axis.	350082	351.0	352.0	1.0	.002	.06	.03	n/a	n/a

[illegible]

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
From: To:										

axis and carbonatized-serpentinized. Non-magnetic.

368.2 369.8 BASALTIC DYKE

Biotitic, intensely epidotized with minor carbonate and abundant tension gash or thread infill by same, 369.2 - 369.5. Relatively massive grey, fine grained fel-bte-carbonatized. Lower contact abrupt, silicified @ 34 - 45 degrees to core axis. Fractures @ 0 - 55 degrees to core axis.

369.8 371.4 BASALTIC DYKE

Pale grey, locally green or pink grey, fine grained, feldspathic, weakly silicic. Initially intensely silicic, epidotic, green with crude CAL of 50 - 45 degrees to core axis and minor 1 - 2% thread carbonate-quartz approximately bte-chl. Lower contact is vague, weakly haematized and garnetiferous with 1/2% disseminated Po-Py. Partially biotitic, chloritic @ 35 degrees to core axis. Fractures @ 20 - 30 degrees, 45 - 50 degrees to core axis.

371.4 375.8 ~~FELDSPAR PORPHYRY DYKE~~ B; & D

Initially hornblende-bte blastized, becoming more granoblastic with 5 - 7% hornblende-bte and chlorite blasts in a very weakly silicic, trace haematitic, medium grained diorite. Weakly chloritic slip planes, 5% mafic xenoliths. Fractures 0 - 10 degrees, 40 - 35 degrees and 65 - 70 degrees to core axis. Trace disseminated pyrite or as stringers. Trace ?Po.

375.8 END OF HOLE

Hole No:	T88-4	Azimuth:	90.0	Core Size:	NØ	BOREHOLE TESTS:		
Project:	TEXADA	Dip:	-70.5	Contractor:	BURWASH	Depth	Azimuth	Dip
Property:	VANANDA	Length (m):	375.80	Started:	NOV. 23, 1988	62.8	87.0	-71.5
Claim:	LITTLE BILLIE	Elevation:	64.60	Completed:	NOV. 27, 1988	172.8	90.0	-72.0
Co-ords: N:	9885.30	Casing: In	Out	Logged By:	TNJM	280.0	89.0	-73.0
E:	9848.60	Left				346.7	94.0	-73.0

Xx-r .. Replit, Xx-m .. Metallic, Xx-a .. Acme Analysis															
Sample No.	From (m)	To (m)	Inter-val (m)	Pb %	Zn %	Mo %	Au-r Oz/T	Au-m Oz/T	Ag-r Oz/T	Ag-m Oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	Au-a Oz/T
350111	41.9	42.9	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	8	24	<5	n/a
350112	42.9	44.6	1.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	69	<2	51	15	n/a
350113	44.6	45.4	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	29	6	47	<5	n/a
350114	45.4	46.0	.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	127	<2	51	5	n/a
LC	46.0	47.8	1.8	.00	.00	.00	.000	.000	.00	.00	0	0	0	0	.000
350115	47.8	49.0	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	14	45	5	n/a
350116	49.0	50.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	32	<2	59	<5	n/a
350117	50.0	51.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	<2	63	<5	n/a
350118	51.0	52.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	34	8	64	<5	n/a
350064	90.0	91.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350066	122.4	123.4	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350067	123.4	124.4	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350069	153.1	154.1	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350070	154.1	155.0	.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350071	155.0	155.8	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350072	273.8	274.8	1.0	n/a	n/a	n/a	.138	.132	.61	.63	n/a	n/a	n/a	n/a	n/a
350073	274.8	275.6	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350074	275.6	276.4	.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350075	276.4	277.8	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350076	277.8	278.9	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350077	278.9	279.9	1.0	n/a	n/a	n/a	.351	.310	2.50	2.52	n/a	n/a	n/a	n/a	n/a
350078	279.9	281.1	1.2	n/a	n/a	n/a	.058	.054	.76	.77	n/a	n/a	n/a	n/a	n/a
350079	281.0	282.3	1.3	n/a	n/a	n/a	.316	.284	1.29	1.30	n/a	n/a	n/a	n/a	n/a
350080	282.3	283.5	1.2	n/a	n/a	n/a	1.261	.932	1.83	1.74	n/a	n/a	n/a	n/a	n/a
350081	283.5	284.5	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350082	351.0	352.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350083	352.0	353.2	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Hole No:	T88-5	Azimuth:	90.0	Core Size:	NØ	BOREHOLE TESTS:					
						Depth Azimuth Dip Depth Azimuth Dip					
Project:	TEXADA	Dip:	-79.0	Contractor:	BURWASH						
Property:	VANANDA	Length (m):	397.70	Started:	NOV. 27, 1988	81.4	88.0	-79.5			
Claim:	LITTLE BILLIE	Elevation:	64.60	Completed:		166.7	90.0	-79.5			
						287.7	94.0	-79.5			
						382.8	93.0	-80.0			
Co-ords: N:	9885.30	Casing: In	Out	Logged By:	TNJH						
E:	9848.40	Left									

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
From:	To:									

.0 3.0 CASING

3.0 3.1 FELDSPAR PORPHYRY DYKE
Blocky. S - R fragments, contact missing. Weakly silicic-epidotic feldspar porphyry.

3.1 47.4 MARBLE
Medium grey, fine grained, relatively massive, with numerous cm - dm bleached pale grey to creamy pale grey zones, often @ 40 - 45 degrees to core axis and containing few percent chl-bte-quartz threads. Bleaching most prominent to 11.0, becoming more massive, medium grey with focal concentrations of bleached thread carbonate (to 25.8) and finally locally dm bleached medium-pale grey, to patchy medium pale with stylolites.

38.0 40.2 Patchy to dm, bleached, often fine grained to aphanitic with few percent bleached threads. Fractures 20 - 10 degrees, 30 - 35 degrees and 75 degrees to core axis.

40.2 43.0 Fine grained lepidoblastic, 'felty' relatively massive, pale grey with 1 - 2% dark to medium grey carbonate-serpentine threads.

42.9 47.4 Pale grey to bleached, massive, fine to medium grained, lepidoblastic-granoblastic. Vaguely banded @ 30 - 35 degrees becoming 35 - 40 degrees to core axis, with 1 - 2% green-grey to grey thread carbonate +/- chlorite, +/- serpentine.

INTERVAL (m)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag No. (m) (m) val (m) oz/t oz/t % ppb ppm
	fine to medium grained 0.06 m dyke with 70 degrees to core axis contacts. @ 87.42 - 87.48, silicified, fine grained weak quartz formation on 'selvages' plus epidote, chlorite, 1% fine disseminated pyrite.	
87.5 88.8	FELDSPAR PORPHYRY DYKE Dark grey with localized, matrix-supported, sub-idio to xenoblastic silicified +/- carbonatized feldspar phenocrysts in a weakly chloritic, trace pyritiferous porphyry. Bleached pale green-grey from 86.37 - 86.56. Contacts @ 45 degrees to core axis. Locally, weakly magnetic. Fractures @ 50 degrees (2 sets) 15 - 25 degrees to core axis.	
88.8 91.6	MARBLE Bleached, locally medium grained slightly darker, blastized. Fractures @ 75 degrees, 20 - 30 degrees to core axis. Dyke apophysis from 91.25 - 91.01 with contacts @ 0 - 30 degrees and 45 - 50 degrees to core axis. Both are garnetiferous, epidotic. Dyke is fractured, with xenoblastic feldspar phenocrysts weakly silicified and chloritic.	
91.6 99.4	HORNBLLENDE DIORITE Fault zone. Dark grey, feldspar >> hornblende porphyroblast, fine - medium grained, weakly, locally magentic, -feldspar-quartz hornblende porphyry. Trace 1/8% disseminated pyrite with CP. 3% thread bleached carbonate +/- epidote. Blocky, R.B.D. Overall 5%. Fractures @ 0 - 10 degrees, 35 degrees, 50 degrees (to 95.0 m); 40 - 45 degrees, 30 - 35 degrees, 20 - 30 degrees, 55 degrees to core axis to lower contact. 93.2 93.3 Pale pink grey, medium to coarse grained. ?Monzonite with 3% disseminated to stringer chloritized amphibole. 1% epidote. Trace dissiminated pyrite. Upper contact broken @ ? 30 - 45 degrees. Lower contact @ 45 degrees to core axis. 96.0 99.4 Cm - dm wide zones of more silicified porphyry, with vaguely defined contacts parallel to local fracture sets.	

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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99.4 109.0 MARBLE

Initially slightly bleached, patchy, with few percent bleached or dark grey threads (to 100.25), becoming massive, medium grey with mm - cm bleached pale to medium grey carbonate. Trace disseminated oxidized pyrite, 1/4% stylolitic chl-bte. Fractures @ 30 degrees, 55 - 60 degrees, 75 - 80 degrees.

107.0 108.2 Bleached, locally near aphanitic with 3% bleached threads.

109.0 110.3 BASALTIC DYKE

Dark grey, with few percent mm feldspar blasts, 2% biotitic amphibole. Locally reddish-grey, with veins of fragments of epidotic-haematized-chloritic dyke. Below 109.9, increasing Po content, with 7% over 0.1 m @ 110.1 - 110.2, in a 30 - 35 degree core axis intruding calc-silicate altered dyke. Main dyke's contacts @ 40 degrees and approximately 55 degrees to core axis. Lower is pyrrhotiferous and highly irregular, biotitized. Overall 2% Po. Fractures @ 30 degrees 55 - 60 degrees to core axis.

110.3 116.7 MARBLE

110.3 111.2 Fine to medium grained, aphanitic patchy or crudely banded, possibly weakly silicified with 1 - 2% thread chl-bte.

111.2 116.7 Grey, fine to medium grained, relatively massive with 1% bleached threads. Lepidoblastic. Fractures @ 20 - 30 degrees, 75 - 80 degrees to core axis.

116.7 118.8 BASALTIC DYKE

Dark grey, locally brown-grey or blue-grey. Biotitized with patchy/mottled blue-grey fine grained aphanitic textured 'bleaching' notable from 116.7 - 117.8 and 118.5 - 118.75. 5% xenoblastic feldspars. Bleached or mottled zones carry varying percentages of mafics (amphibole to bte to brown garnet) with mm ?bte phenocrysts in bleached zones. < 1% disseminated to stringer fine Po-Py calc-silicate assemblage. Fractures @ 0 - 20 degrees, 50 - 60 degrees to core axis. Contacts @ 30 degrees and 0 - 10 degrees to core axis.

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[illegible]

[illegible]

[illegible]

INTERVAL (m)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (m) (m) val (m) oz/t oz/t % ppb ppm
	chlorite.	
301.3 301.4	?dyke. Intensely altered to a pale grey-green, fine grained, serpentine-carbonate with trace chlorite, ?trace Fe-carbonate. No contacts available due to blocky core.	
305.5 311.4	Bleached, pale grey, relatively massive with only minor and localized concentrations of bleached, white thread carbonate. Locally, slightly darker, recrystallized, medium grained. Contains 1% disseminated melanocratic oxides +/- chlorite. 311.0 - 311.05, carbonate gouge. Lower contact is white, granoblastic, medium grained over 0.25 m. Fractures to 311.4 @ 45 - 50 degrees and 65 - 70 degrees.	
311.4 312.8	Medium-pale grey, becoming bleached, near white @ 312.0 - 312.8, granoblastic, medium grained with 1% stringer chlorite.	
312.8 314.9	Pale grey, locally recrystallized; containing nebulous ?fragmental pale grey carbonate or medium grey stringers in a pale grey matrix. Fine to medium grained. Blastize's @ depth 1% very fine biotite, chlorite as disseminations or stringers.	
314.9 339.4	Pale to medium grey, fine to, rarely, medium grained, characterized by numerous thread bleached marble and 3% scattered biotite chlorite>> pyrite and trace oxide threads, disseminations, stringers or irregular fragments. Zone appears to be vaguely brecciated and recrystallized in some 3% of core, or maybe near amphanitic, off-white to pale grey and bleached by coalescing threads. Fractures @ 75 - 80 degrees, 20 - 30 degrees to core axis.	
339.4 340.7	Medium grey with abundant mm white carbonate blasts in a fine grained grey, weakly bleached sub-units. 2% thread biotite stringers.	
340.7 348.1	Pale to medium grey, fine to rarely, medium grained, characterized by 1 - 2% thread, often stylolitic biotite +/- chlorite, trace oxides. Localized.	

INTERVAL (#)	DESCRIPTION	Sample From To Inter- Au Ag Cu Au Ag
From: To:		No. (#) (#) val (#) oz/t oz/t % ppb ppm
	patchy, nebulous cm to less commonly, dm bleached zones. Occasionally streaked or banded or lineated, by irregular medium-grey stringers; @ 35 degrees to core axis. Threads gradually decrease @ depth, becoming more massive.	
342.3 345.2	Localized, fractured core with minor gouge on slip planes. Fractures @ 20 - 10 degrees, 30 - 20 degrees (x2). Overall fractures @ 30 degrees, 40 degrees >> 75 degrees - 80 degrees to core axis.	
348.1 355.1	Relatively massive, medium grey, fine grained, lepidoblastic, with only few percent cm bleached patched and 2x dm bleached bands hosting 1 cm band of a ?feldspar-biotite-chlorite pyrite, trace Cp dyke @ 351.0 - 351.2 and 352.5 - 352.6.	
355.1 356.4	Fine to medium grained, pale to medium grey, blastized marble with 1% mm-cm, vaguely defined bleached threads or bands.	
356.9 357.7	Bleached, pale grey to mottled with 1 - 2% disseminated or stringer biotite-chlorite and hosting @ 0.1 m silicified, carbonatized, serpentinized +/- haematite altered dyke. Contacts @ 25 degrees and 35 degrees to core axis.	
357.7 358.4	Mottled pale grey with abundant nebulous bleached carbonate and 10% stringer.	
358.4 359.2	Medium-pale grey, fine to medium grained, crudely lineated by 40 - 45 degrees to core axis bleached or dark grey stringers.	
359.2 361.0	Fine grained, pale grey with abundant irregularly oriented bleached threads. Locally aphanitic.	
361.0 361.9	Bleached to pale grey, fine to locally medium grey, with 3 - 4% stringer or stylolitic biotite-gf threads or 1/2% disseminated opaques and biotite. Vaguely mottled, becoming crudely cm - 1/2 dm banded, with blastizing carbonate. Possibly incipiently brecciated.	

INTERVAL (m)	DESCRIPTION	Sample From To Inter-	Au	Ag	Cu	Au	Ag
From:	To:	No.	(m)	(m) val (m)	oz/t	oz/t	% ppb ppm
361.9	367.6	Medium to fine grained, medium grey marble. Relatively massive, with only minor cm bleached patches and 1% thread carbonate.					
367.6	370.1	Pale grey, characterized by distinct patchy, nebulous, mm - cm wide, pale-medium grey marble in a paler, near aphanitic matrix. Few percent bleached threads. Fine to medium grained overall. Fractures to 370.0 @ 30 degrees, 35 - 45 degrees and 80 degrees to core axis .					
370.1	371.1	Medium, becoming fine grained, relatively massive, medium grey marble. 1% threads (bleached).					
371.1	373.6	Bleached to pale grey, fine to medium grained with patchy carbonate. Bleached zones appear to be blastizing to cm - dm bands. 1% bleached and dark grey threads.					
373.6	374.1	Grey, lepidoblastic, fine grained with abundant mm - white carbonate blasts. Appears chilled, pale greenish grey over 374.05 - 374.15.					
374.1	385.0	Overall, fine to medium grained, blastized grey marble with 1 - 3% bleached stringers. Sub-unit contains dm wide pale grey, crudely bleached zones, exhibiting coalescing bleached stringers and cm patches. Overall 1/2% dark grey stringers. Gradual bleaching over lower 0.3 m. Fractures @ 0 - 10 degrees, 45 degrees, 30 - 35 degrees 75 - 80 degrees to core axis.					
385.0	387.3	Bleached, initially mottled, to patchy, becoming pale grey, medium grey, blastized (to 385.4) and finally off-white to pale grey with minor blastized pale grey marble in an off-white, relatively massive fine to medium grained matrix. Overall 2% thread carbonate, 1/4% disseminated stringer chlorite/biotite. Gradational contact over 0.15 m is banded, becoming cm patchy, medium-pale grey. Fractures @ 30 - 35 degrees, 65 - 75 degrees to core axis.					

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
387.3	389.0	Contact zone with diorite. Initially, medium grey, fine grained, locally patchy to crudely banded (over 0.3 m), becoming bleached with medium grey carbonate infill (to 388.0).								
388.0	388.2	Silicified, fine grained, pale grey to pale reddish-grey. Minor epidote in quartz-carbonate threads.								
388.2	388.5	Marble with abundant biotite threads and stringers exhibiting strong tensional fabric. Medium grey, fine grained.								
388.5	389.0	Silicified, pale to medium grey, locally serpentized with trace disseminated pyrite/Cp. XXXXXX biotitic to chlorite-serpentized over lower 0.1 m. Contact broken, 50 - 55 degrees to core axis, biotite-chloritic. Fractures are few @ 75 degrees, 50 - 55 degrees to core axis.								
389.0	397.7	BIOTITE QUARTZ DIORITE Fine to medium grained, locally bleached, more leucocratic +/- silicified. Contains c. 5% cm andesitic xenoliths. Partially silicified matrix supports abundant 10% bladed tabular biotite exhibiting localized partial chloritization. Relic amphibole can be observed in some blasts. 1/4 disseminated pyrite to Cp. Weakly, erratically magnetic. 1% thread/stringer chlorite-biotite-xxx. +/- pyrite fractures @ 30 - 35 degrees < 65 - 75 degrees to core axis.								
397.7	END OF HOLE									

Hole No:	T88-5	Azimuth:	90.0	Core Size:	N9	BOREHOLE TESTS:					
						Depth	Azimuth	Dip	Depth	Azimuth	Dip
Project:	TEXADA	Dip:	-79.0	Contractor:	BURWASH						
Property:	VANANDA	Length (m):	397.70	Started:	NOV. 27, 1988	81.4	88.0	-79.5			
						166.7	90.0	-79.5			
						287.7	94.0	-79.5			
Claim:	LITTLE BILLIE	Elevation:	64.60	Completed:		382.8	93.0	-80.0			
Co-ords: N:	9885.30	Casing:	In	Out	Logged By:	TNJK					
E:	9848.40		Left								

[illegible]

Hole No: T88-6	Azimuth: 225.0	Core Size: N9	BOREHOLE TESTS:
Project: TEXADA	Dip: -60.0	Contractor: BURWASH	Depth Azimuth Dip Depth Azimuth Dip
Property: FLORENCE	Length (m): 197.20	Started: Dec. 3, 1988	110.9 221.0 -61.5
Claim:	Elevation: 84.60	Completed: Dec. 6, 1988	197.2 219.0 -62.5
Co-ords: N: 9610.90	Casing: In Out	Logged By: TNJH	
E: 10165.90	Left 18.3		

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppb
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.0 18.3 OVER BURDEN

18.3 BASALTIC DYKE
Blocky, dacite, weakly silicified, originally andesitic, weakly feldspar porphyritic. No contacts observed because of tricone.

18.3 19.5 MARBLE
Pale grey, fine grained, silicified, fractured and weakly brecciated by silica and disseminated thread biotite chlorite.

19.5 19.8 BASALTIC DYKE
Dark grey, weakly magnetic, vaguely feldspar porphyritic. Weak chlorite alteration on slip planes. Probably andesitic. Blocky. Fractures @ 45 degrees to core axis.

21.3 32.5 MARBLE
Pale to medium grey, often pale pink (?Mn) with fracturing and localized brecciation, subsequent bleaching and recrystallization. Latter zones may host disseminated oxides. Chloritic stringers producing a patchy, matrix infill of nebulous bleached marble. Trace disseminated pyrite. Fractures @ 0 - 20 degrees, 30 - 35 degrees, 40 - 45 degrees, 75 degrees to core axis.

32.5 32.8 FELDSPAR PORPHYRY DYKE
Intensely altered, chloritic and weakly

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INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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47.8 59.2 MARBLE

Bleached, partially mottled, pale grey to 48.6, fine grained, granoblastic-serrate, with gouge @ 48.6 becoming pale-medium grey, locally bleached by irregularly oriented thread stringers and trace chlorite (to 50.8).

50.8 56.0 Medium-pale grey, fine grained relatively massive with only 1% stringer carbonate. Fractures @ 0 - 20 degrees, 35 - 50 degrees, 75 degrees to core axis.

56.0 58.8 Grey, finer grained than 50.8 - 56.0 and characterized by 2% suture-like, stylolitic, ragged stringer or disseminated chlorite-biotite and trace pyrite. Fractures @ 50 - 65 degrees 30 - 40 degrees to core axis.

58.8 59.2 Mottled, partially bleached by coalescing carbonate veins.

59.2 60.6 FELDSPAR PORPHYRY DYKE

Feldspar porphyritic andesite. Weak, localized magnetism. Abundant, locally self-support subidioblastic, silicified and Na/K altered plagioclase. Matrix is dark grey near aphanitic with 2% discernible chlorite biotite carbonite altered amphiboles, contacts @ 70 and 60 degrees to core axis. Trace disseminated pyrite.

60.6 82.5 MARBLE

60.6 63.6 Grey, fine grained, relatively massive, with 1% thread stringer or anastomosing biotite-chlorite. Relatively massive. Fractures @ 45 - 55 degrees and 50 - 60 degrees to core axis.

63.6 67.1 Medium, becoming pale-medium grey @ depth, fine grained, and characterized by 3% stylolitic, to suture-like chlorite-biotite. No distinct preferred orientation for threads which contain weak carbonate and trace sulphides. Fractures @ 35 - 40 degrees (x2), 75 - 80 degrees to core axis.

67.1 68.0 Pale-medium grey with cm patchy bleached carbonate which often contain medium grey carbonate cones. Fine grained,

[illegible]

INTERVAL (m)	DESCRIPTION		SAMPLE FROM TO INTER-	AU	AG	CU	AU	AG
FROM:	TO:		No.	(m)	(m) VAL (m)	OZ/T	OZ/T	% POB DOA
	nebulous patches which may coalesce to form dm to 1/2m wide 'bands' notably over lowest 1.4 m. Sub-unit also contains 3% aphanite, silicified grey marble, which occurs as mm - cm wide stringers/veins. 106.0 106.9 Bleached with 1 - 2% disseminated thread stringer hematite and rusty disseminated pyrite, particularly over lowest 0.25 m.							
106.9	107.2 FELDSPAR PORPHYRY DYKE 0 - 20 degrees to core axis. Apophyses of unit below, silicified, grey, fine grained to near aphanitic with ragged to suffused but sharp contact with bleached marble shot through with mm carbonate threads, hosting 1% pyrite dacitic to rhyodacitic in composition.	350093	106.2	107.2	1.0	n/a	n/a	n/a 10 <.2
107.2	108.0 MARBLE Bleached, fine grained, off-white to pale grey, granoblastic with below 107.4, stringer, to mesh-like, anastomosing fine grained chlorite-biotite ?serpentine and trace disseminated pyrite.	350094	107.2	108.2	1.0	n/a	n/a	n/a 15 <.2
108.0	116.4 FELDSPAR PORPHYRY DYKE 108.0 108.7 Apophyses @ 0 - 30 degrees to core axis, average 20 degrees, grey to reddish grey, fine grained, near aphanitic, with patchy carbonate inclusions and 3% biotite-carbonate-pyrite stringers. Overall 3% fine grained, pyrite clusters or stringers. Unit appears crudely, finely mm-banded, due to silicification and is prominent adjacent to mm threads of biotite-chlorite-carbonate. Marble in core is off-white, as 107.4 - 108.0 and contains minor (silicified) dacite 'flares' @ contacts. 350095 108.2 108.7 .5 n/a n/a n/a 50 <.2							
	108.7 109.7 Fine grained, near aphanitic or containing sub-mm silicified plagioclase/ microcline and							

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INTERVAL (m)	DESCRIPTION	Sample From To Inter-	Au	Ag	Cu	Au	Ag
From:	To:	No.	(m)	(m) val (m)	oz/t	oz/t	% pbb ppm
	granoblastic/serrate with 3% thread bleached veins and/or thread or disseminated biotite, commonly blastized, with abundant sub mm white carbonate. 117.9 118.9 Silicified, crudely feldspar-blastic, dacite dyke. 1 - 2% specks of amphibole/chlorite. Matrix is silicified with incipient flooding. No contacts observed. Fractures @ 80 degrees and 20 - 30 degrees to core axis.						
121.9 123.0 FELDSPAR PORPHYRY DYKE	Silicified, pale red-grey, locally buff or green grey with intense flooding, 1% disseminated to aggregated pyrite, 1% thread carbonate. +/- pyrite. Fine grained to aphanitic. Less than 5% mafics. Colouration may reflect feldspar content and cation difference and or successive silicification 'pulses'. Contacts @ 45 degrees (upper mm-pyriteiferous). Both are abrupt. Fractures @ 30 degrees, 45 degrees, and 75 degrees to core axis. Overall 2% disseminated or stringer pyrite.	350100	121.9	123.4	1.5	n/a	n/a n/a 10 <.2
123.0 123.2 MARBLE	Patchy, mottled, off-white to grey.						
123.2 123.4 FELDSPAR PORPHYRY DYKE	Intensely silicified. feldspathic with quartz-pyrite fracture infill and blastizing silicification. 3- 5% disseminated stringer pyrite. Upper contact broken, lower @ 60 degrees to core axis.						
123.4 123.9 MARBLE	123.4 123.9 Bleached, near banded white to pale grey, fine grained, locally aphanitic. 123.9 128.1 Medium grey, fine grained, relatively massive, 1% bleached threads. 1/2% thread or stylolitic carbonate, trace biotite. Lower contact is abrupt, ragged with thread offshoots @ 65 - 75 degrees to core axis. Similar habits noted from 127.6 - 127.65 with banding effect by medium and pale-medium grey marble. Contacts						

INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
	here are abrupt, but ragged with some flame.									
128.1 139.3	Medium grey, paler than 123.9 - 128.06. Contains cm - dm wide bleached and blastizing, off-white marble in an otherwise (75 - 80% by volume) massive grey marble. 2% bleached threads. Off-white, bleached, near massive, from 138.85 - 139.25. Fractures @ 70 degrees, 30 degrees, and 40 - 45 degrees to core axis.									
139.3 152.7	FELDSPAR PORPHYRY DYKE Dark grey, vaguely porphyritic, andesite, non-magnetic, becoming weakly magnetic @ depth with trace disseminated Po. Abundant sub-rounded to tabular-bladed (sub-idioblastic) feldspars not uncommonly exhibiting crude 30 - 35 degrees to core axis alignment, in a locally, weakly, silicified +/- Na/K feldspathized, amphibole-feldspar-quartz matrix, weak, chlorite +/- carbonate, +/- quartz alteration along threads									
139.3 139.7	Medium reddish grey, fine grained to aphanitic, silified, initially epidotic, with 2% disseminated or disseminated/stringer pyrite. Upper contact @ 50 - 55 degrees to core axis	350101	139.3	139.9	.6	n/a	n/a	n/a	10	<.2
		350102	148.8	149.8	1.0	n/a	n/a	n/a	5	<.2
148.8 152.7	Pyritiferous zone, with 2% disseminated to disseminated/stringers and weak, erratic silicification. Locally blastized sulphides, notable @ 152.5 - 152.6 Lower contact broken @ 35 degrees to core axis. Blocky, R.A.D.O. 0 - 3% from 139.3 - 141.4, 142.3 - 144.9, 150.6 - 152.7.									
		350103	149.8	150.8	1.0	n/a	n/a	n/a	70	<.2
150.8 151.0	0 - 20 degrees to core axis. Intensely epidotic, silicified and 4% pyritiferous zone within.									
152.7 156.4	MARBLE Medium grey with numerous bleached threads, fine grained and containing 0.2 - 1.0 m wide bleached, off-white to pale grey, granoblastized zones in contact with dykes.	350104	150.8	151.8	1.0	n/a	n/a	n/a	35	<.2
		350105	151.8	152.7	.9	n/a	n/a	n/a	10	<.2
		350106	153.5	154.0	.5	n/a	n/a	n/a	1400	41.2

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Hole No:	T88-6	Azimuth:	225.0	Core Size:	NØ	BOREHOLE TESTS:		
Project:	TEXADA	Dip:	-60.0	Contractor:	BURWASH	Depth	Azimuth	Dip
Property:	FLORENCE	Length (m):	197.20	Started:	Dec. 3, 1988	110.9	221.0	-61.5
Claim:		Elevation:	84.60	Completed:	Dec. 6, 1988	197.2	219.0	-62.5
Co-ords: N:	9 ⁵ 10.90	Casing: In	Out	Logged By:	TNJK			
E:	10165.90	Left	18.3					

Xx-r .. Replit, Xx-m .. Metallic, Xx-a .. Acme Analysis															
Sample No.	From (m)	To (m)	Inter-val (m)	Pb %	Zn %	Mo %	Au-r Oz/T	Au-m Oz/T	Ag-r Oz/T	Ag-m Oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	Au-a Oz/T
350092	82.5	82.9	.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	68	66	157	50	n/a
350093	106.2	107.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	6	1330	90	n/a
350094	107.2	108.2	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	31	10	379	130	n/a
350095	108.2	108.7	.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	41	10	232	205	n/a
350096	108.7	109.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	133	22	76	425	n/a
350097	109.7	110.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	137	16	98	270	n/a
350098	110.7	111.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	106	28	82	435	n/a
350099	114.8	116.4	1.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	75	38	92	70	n/a
350100	121.9	123.4	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	61	34	94	325	n/a
350101	139.3	139.9	.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	114	24	84	180	n/a
350102	148.8	149.8	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	80	22	155	30	n/a
350103	149.8	150.8	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	267	16	76	120	n/a
350104	150.8	151.8	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	100	16	118	70	n/a
350105	151.8	152.7	.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	72	36	118	50	n/a
350106	153.5	154.0	.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	43	1650	982	545	n/a
350107	156.2	157.3	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	98	42	101	90	n/a
350108	157.3	158.2	.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	71	54	70	130	n/a
350109	170.5	172.4	1.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	62	6	71	35	n/a
350110	189.0	190.2	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	79	12	30	10	n/a

Hole No: T88-7	Azimuth: 225.0	Core Size: NØ	BOREHOLE TESTS:		
Project: TEXADA	Dip: -60.0	Contractor: BURWASH	Depth	Azimuth	Dip
Property: VANANDA GOLD	Length (m): 336.80	Started: Dec. 6, 1988	184.1	233.0	-62.0
Claim:	Elevation: 84.50	Completed: Dec. 10, 1988	275.7	236.0	-63.0
Co-ords: N: 9355.00	Casing: In 10 Out	Logged By: C. FORSTER			
E: 10333.20	Left 10				

INTERVAL (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
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.0 3.7 CASING
Overburden.

3.7 20.7 LIMESTONE
Massive, dark grey, aphanitic. Moderate fracturing with weak bleaching - black stylolitic fractures.
15.5 Fracturing with bleaching increasing. Short sections of re-crystallization. No bedding nor banding visible. Fracturing @ 50 - 60 degrees to core axis is dominant.

20.7 183.0 MARBLE
White, fine grained, to aphanitic. Change from Lst. ls sharp @ 20.7.
24.0 27.0 Grey, fractured to weakly brecciated black, anastomosing fractures - no graphite, overall fracturing moderate with minor gouge zones - 0 - 20 degrees to core axis.
45.8 1 metre section of black anastomosing fractures.
51.0 67.0 White, aphanatic marble has a distinct pinkish hue. Related to original dolomite content(?). Traces of pyrite throughout << 1% (+/- .1%) finely disseminated. @ 61.0 disseminated pyrite band @ 10 degrees to core axis.
67.0 76.0 Grey to white, brecciated, fractured marble with grey blasts in white, bleached breccia matrix. *Important: Zone has fine, disseminated pyrite variable, throughout from 1 - 3% and

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INTERVAL (m) From: To:	DESCRIPTION	Sample No.	From (m)	To (m)	Inter- val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
	and bleaching.									
135.5 154.5	White marble - minor grey, wispy sections, minor disseminated pyrite and anastomosing veins. Very limited fracturing.									
154.5 157.0	Dark grey marble.									
157.0 178.8	White marble. Pinkish sections, minor disseminated pyrite and fracturing.	350127	178.7	180.2	1.5	n/a	n/a	n/a	<5	<.2
178.8 183.0	White dolomitic marble. Fine grained to cryptocrystalline, fizzes only on scratched surface. No apparent silicification. Variable 1 - 3% pyrite disseminated and along moderately developed microfractures with chlorite. Sphalerite rims the pyrite and is along the fractures and filling matrix in microbreccias. Overall zone averages approximately 1% Zn with short 30 cm sections to 3% Zn (estimate).	350128 350129	180.2 181.7	181.7 183.3	1.5 1.6	n/a n/a	n/a n/a	n/a n/a	10 15	<.2 <.2
183.0 184.4	FELDSPAR PORPHYRY DYKE Black, feldspar porphyry. Strong pyrite on contact 25 degrees to core axis.	350130	183.3	184.3	1.0	n/a	n/a	n/a	50	1.4
184.4 225.8	MARBLE Grey to white.	350131	187.3	189.0	1.7	n/a	n/a	n/a	5	<.2
188.0 200.0	Moderate microfracturing with pyrite and chlorite on fracture planes and as disseminations.	350132 350133 350134	189.0 190.5 192.0	190.5 192.0 193.6	1.5 1.5 1.6	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	<5 10 5	<.2 <.2 <.2
192.5	40 cm section with +/- sphalerite.	350135 350136	193.6 195.1	195.1 196.2	1.5 1.1	n/a n/a	n/a n/a	n/a n/a	5 15	<.2 <.2
196.1 197.4	Moderate fracturing with pyrite sphalerite plus +/- 2%.	350137 350138 350139	196.2 197.4 198.9	197.4 198.9 200.3	1.2 1.5 1.4	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	10 5 10	<.2 <.2 <.2
199.3 200.3	Fine, disseminated pyrite to +/- 5% with chlorite.									
202.0	Dark grey marble, intensely fractured with bleaching and fine banding (compositional) strongly contorted - either through slump (gravity) folding or plastic deformation around intrusive.									
204.5	White, brecciated marble with strong chloritic fracture filling from 207.0 - 209.0.									
210.4 212.4	Dolomitic breccia - pink to white clasts in a grey marble matrix.	350140	211.9	213.2	1.3	n/a	n/a	n/a	<5	<.2

INTERVAL (m) From: To:		DESCRIPTION	Sample No.	From (m)	To (m)	Inter-val (m)	Au oz/t	Ag oz/t	Cu %	Au ppb	Ag ppm
212.4		Light grey to white, fine grained, marble. Moderate to strong microfracturing.	350141	213.2	214.6	1.4	n/a	n/a	n/a	<5	<.2
			350142	214.6	215.9	1.3	n/a	n/a	n/a	<5	<.2
215.9	217.1	Pyrite and sphalerite veins with disseminations to 2%.	350143	215.9	217.1	1.2	n/a	n/a	n/a	<5	<.2
217.1	221.4	White marble - minor fracturing and disseminated pyrite and chlorite. @ 218.6 - 2 cm slip of chlorite, graphite and pyrite @ 70 degrees to core axis.	350144	217.1	218.6	1.5	n/a	n/a	n/a	<5	<.2
			350145	218.6	220.1	1.5	n/a	n/a	n/a	<5	<.2
			350146	220.1	221.5	1.4	n/a	n/a	n/a	<5	<.2
221.4	221.6	Band of grey sheared marble.	350147	221.5	223.0	1.5	n/a	n/a	n/a	<5	<.2
221.6	225.8	White to patchy grey marble with trace pyrite.	350148	223.0	224.0	1.0	n/a	n/a	n/a	5	<.2
			350149	224.0	225.7	1.7	n/a	n/a	n/a	<5	<.2
			350150	225.7	226.7	1.0	n/a	n/a	n/a	<5	<.2

225.8 230.7 FELDSPAR PORPHYRY DYKE

Dark green, porphyritic and chloritic with strongly altered and ghosted small plag. Phenocrysts. Broken, partially serpentinized. Minor garnet/pyroxene along contact of marble inclusion (xenolith) in hanging wall. Top contact 25 degrees to core axis. Bottom contact broken.

230.7 320.0 MARBLE

Medium grained and bleached to 232.0 then grey to mottled white to 235.0 and mostly white, medium grained, bleached to 242.5. Very little fracturing and no sulphides.

242.5 Medium grey, recrystallized, fine to medium grained. Minor fracturing with bleaching.

259.0 260.5 Moderate increase in bleaching around fractures.

260.5 263.5 Strong, stylolitic fracturing and remnant sedimentary brecciation of the marble.

268.5 1 cm serpentine/talc-graphitic slip @ 25 degrees to core axis. Minor bleaching Grey indistinct marble through 280.5.

280.5 284.3 Coarse grained, light grey marble giving way to fine grained, white, bleached marble @ 282.0.

284.3 292.0 Grey marble - indistinct 'foliation' or shear fabric @ 25 degrees to core axis giving a preferred attitude to fine stylolitic microfracturing.

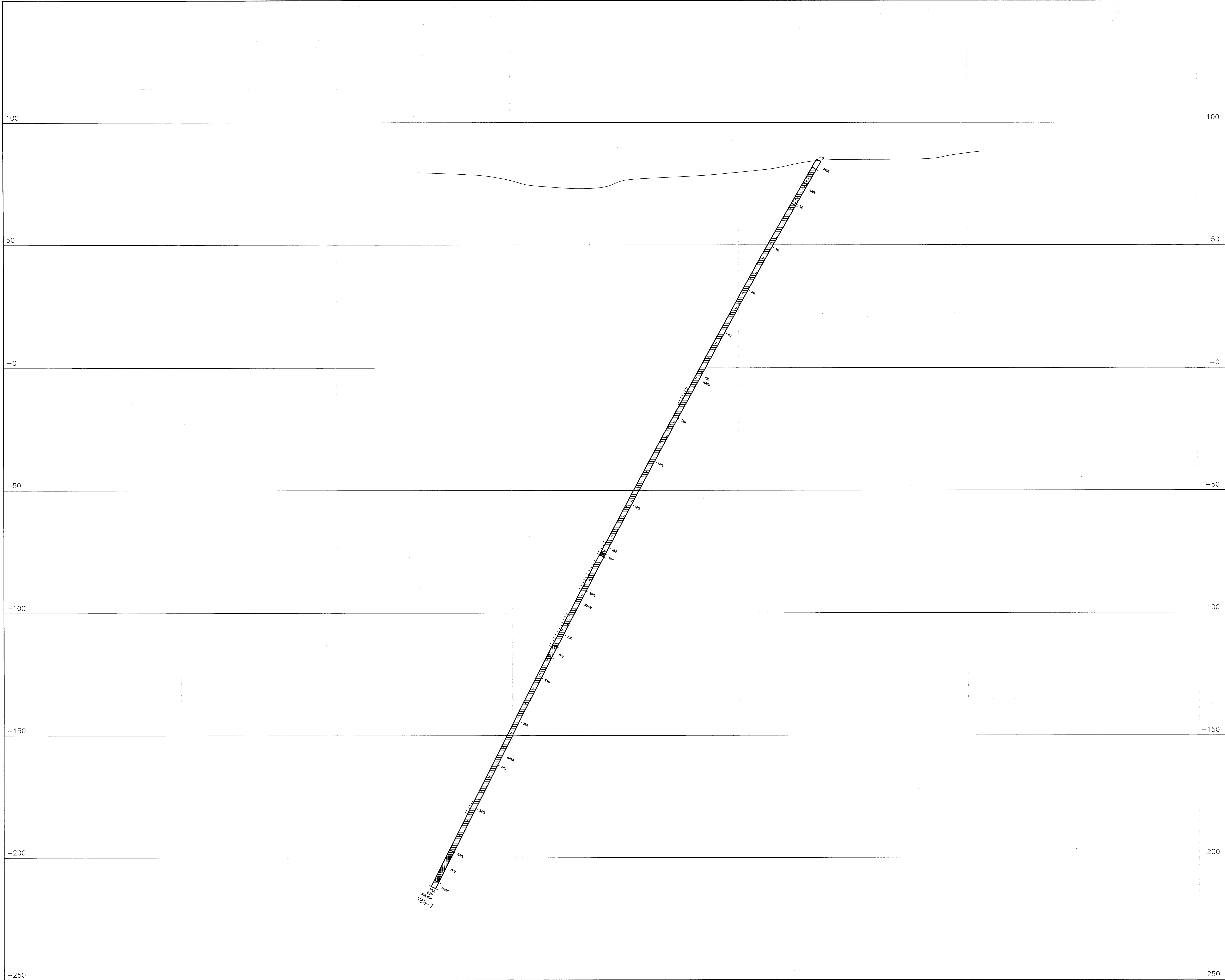
292.0 298.1 White, bleached, fine grained marble. 350151 298.0 299.0 1.0 <.002 <.01 n/a n/a n/a

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Hole No:	T88-7	Azimuth:	225.0	Core Size:	N8	BOREHOLE TESTS:					
Project:	TEXADA	Dip:	-60.0	Contractor:	BURWASH	Depth	Azimuth	Dip	Depth	Azimuth	Dip
Property:	VANANDA GOLD	Length (m):	336.80	Started:	Dec. 6, 1988	184.1	233.0	-62.0			
Claim:		Elevation:	84.50	Completed:	Dec. 10, 1988	275.7	236.0	-63.0			
Co-ords: N:	9355.00	Casing:	In 10 Out	Logged By:	C. FORSTER						
E:	10333.20		Left 10								

Xx-r .. Replit, Xx-m .. Metallic, Xx-a .. Acme Analysis															
Sample No.	From (m)	To (m)	Inter-val (m)	Pb %	Zn %	Mo %	Au-r Oz/T	Au-m Oz/T	Ag-r Oz/T	Ag-m Oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	Au-a Oz/T
350119	107.3	107.8	.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	2	13	<5	n/a
350120	107.8	108.8	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4	2	123	5	n/a
350121	108.8	109.8	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	11	2	8	5	n/a
350122	109.8	111.0	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	14	4	56	35	n/a
350123	111.0	112.1	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	<2	32	10	n/a
350124	112.1	113.3	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	70	30	105	200	n/a
350125	113.3	114.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4	<2	12	10	n/a
350126	114.3	115.0	.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	12	14	<5	n/a
350127	178.7	180.2	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	76	18	2490	<5	n/a
350128	180.2	181.7	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15	28	89	30	n/a
350129	181.7	183.3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	70	72	5210	55	n/a
350130	183.3	184.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	65	250	151	70	n/a
350131	187.3	189.0	1.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6	14	135	25	n/a
350132	189.0	190.5	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	11	10	179	15	n/a
350133	190.5	192.0	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9	8	135	25	n/a
350134	192.0	193.6	1.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13	<2	1315	20	n/a
350135	193.6	195.1	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	4	43	20	n/a
350136	195.1	196.2	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	6	64	70	n/a
350137	196.2	197.4	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	14	8	421	40	n/a
350138	197.4	198.9	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	<2	31	65	n/a
350139	198.9	200.3	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	<2	21	55	n/a
350140	211.9	213.2	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	12	15	n/a
350141	213.2	214.6	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	15	10	n/a
350142	214.6	215.9	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	42	20	n/a
350143	215.9	217.1	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	28	30	n/a
350144	217.1	218.6	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	20	15	n/a
350145	218.6	220.1	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	<2	32	<5	n/a
350146	220.1	221.5	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	2	42	<5	n/a
350147	221.5	223.0	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	4	9	5	n/a
350148	223.0	224.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	<2	6	<5	n/a
350149	224.0	225.7	1.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	4	7	<5	n/a
350150	225.7	226.7	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19	<2	44	<5	n/a
350151	298.0	299.0	1.0	<.01	<.01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350152	299.0	300.0	1.0	.02	<.01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350153	300.0	301.1	1.1	.06	<.01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350154	301.1	302.4	1.3	2.03	5.74	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
350155	302.4	303.4	1.0	.02	.03	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a



LEGEND

QUATERNARY

Overburden (OVB)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pym : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

UPPER TRIASSIC AND OLDER

Karmutsen Formation

Basalt

Heterolithic debris flow

SYMBOLS

Geological Boundary (known, approximate) — — — —

Fault (known, approximate) ~~~~~

Bedding (inclined, vertical, overturned) — + — +

Schistosity, Foliation — + — +

Lamination (plunge) — + — +

Shaft —

Adit —

Underground Drift — — — —

Trench —

Open Pit —

Mineral Occurrence —

Mineral Showing (dominant metal) —

Diamond Drill Hole (year and number) —

Au Ag Cu Interval
ppm ppm ppm
0.3 10

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

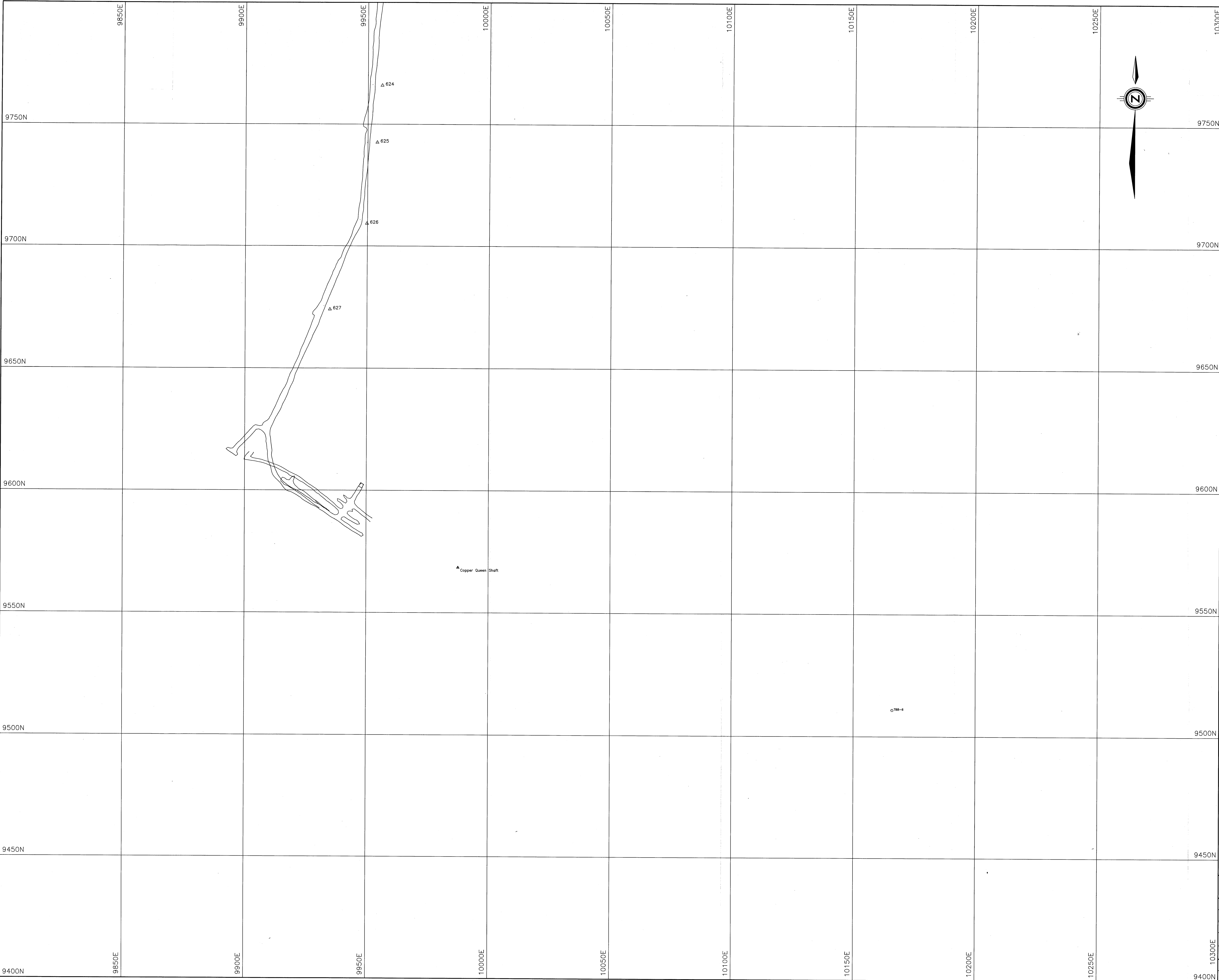
10,315

0 10 20 30 40
meters
SCALE 1:500

Prepared By: **Tecucomp Geological Inc.**

FREEPORT — McMoRan Gold Co. (Canada) Ltd.

Report by: C. Forster	TEXADA PROJECT Copper Queen Area Diamond Drill Hole Section T88-7 225 Looking Northwest	FIG. 21
Date: JAN/99		
DOS directory: \\FPOR\DDH		
DOS file name: SEC0776.DWG		
NTS: 92F10 & F15		



LEGEND

QUATERNARY

Overburden (OVB)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pxn : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

UPPER TRIASSIC AND OLDER

Karmutsen Formation

Basalt

Heterolithic debris flow

SYMBOLS

Geological Boundary (known, approximate)

Fault (known, approximate)

Bedding (inclined, vertical, overturned)

Schistosity, Foliation

Lineation (plunge)

Shaft

Adit

Underground Drift

Trench

Open Pit

Mineral Occurrence

Mineral Showing (dominant metal)

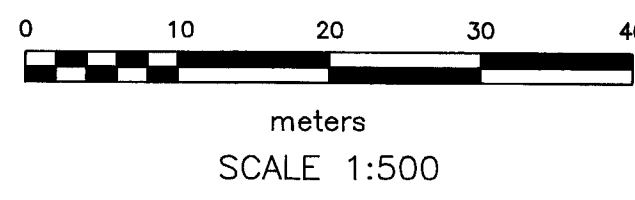
Diamond Drill Hole (year and number)

Au Ag Cu /Anten
Gz/Ten Cu/Ten % meters
<0.002 <0.01 0.05 /1:10

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19.315

South Map Sheet

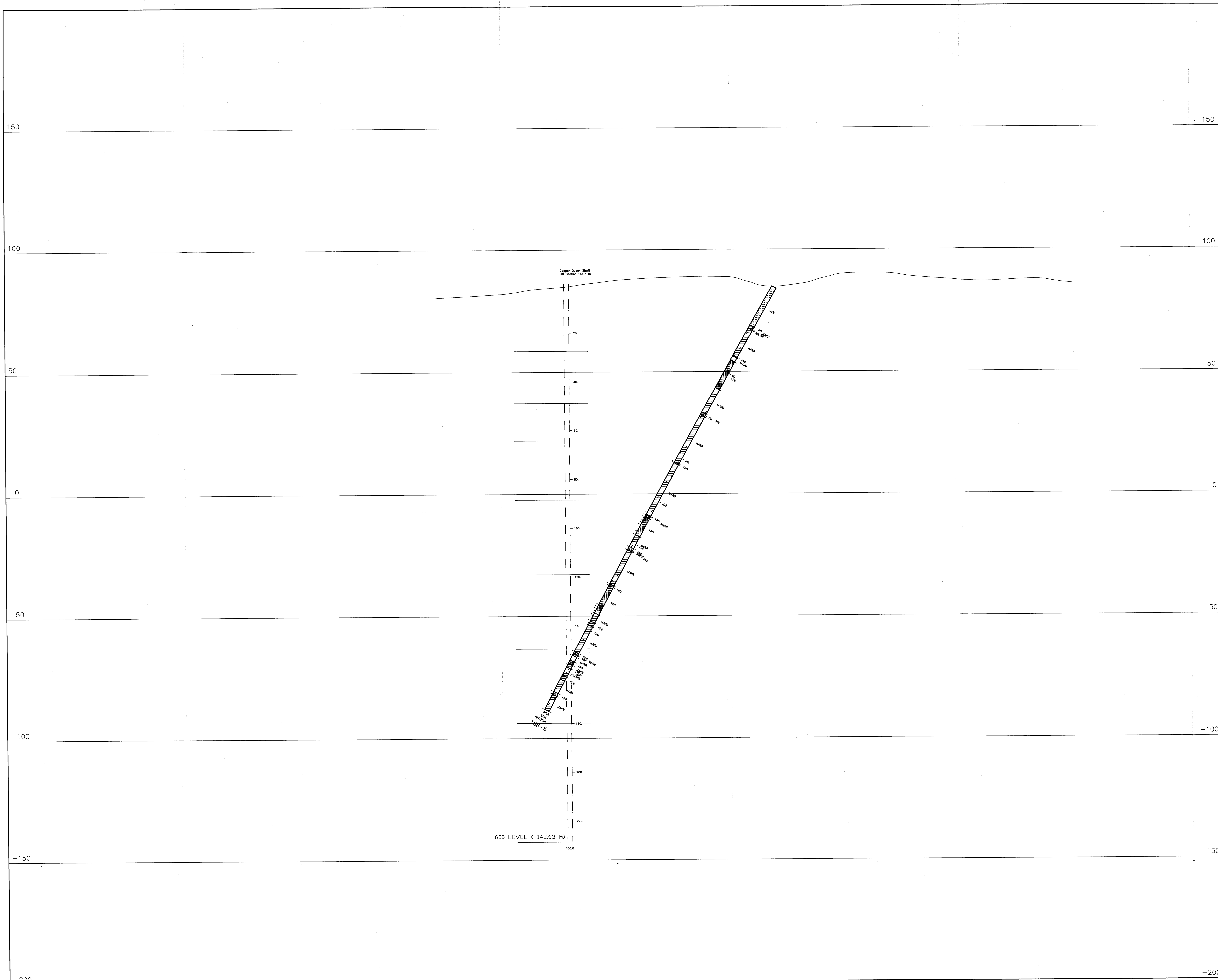


Prepared By: Tecucomp Geological Inc.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by:
C. Forster
Date:
JAN./99
DOS directory:
\\FPOR
DOS file name:
LEVEL600.DWG
NTS:
92F10 & F15

TEXADA PROJECT
Copper Queen Area
Level Plan
600 Level



LEGEND

QUATERNARY

Overburden (OVB)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pyxm : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

UPPER TRIASSIC AND OLDER

Karmutsen Formation

Basalt

Heterolithic debris flow

SYMBOLS

Geological Boundary (known, approximate) ———

Fault (known, approximate) ~~~~~

Bedding (inclined, vertical, overturned) — + —

Schistosity, Foliation — + —

Lineation (plunge) — + —

Shaft —

Adit —

Underground Drift —

Trench —

Open Pit —

Mineral Occurrence —

Mineral Showing (dominant metal) — Au, Cu

Diamond Drill Hole (year and number) — 88-4

SCALE

0 10 20 30 40

meters

SCALE 1:500

FIG. 18

19.315

TECUCOMP GEOLOGICAL INC.

PREPARED BY:

TECUCOMP GEOLOGICAL INC.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by:

C. Forster

Date:

JAN/99

DOS directory:

\FPOR\DDH

DOS file name:

SECT65.DWG

NTS:

92F10 & F15

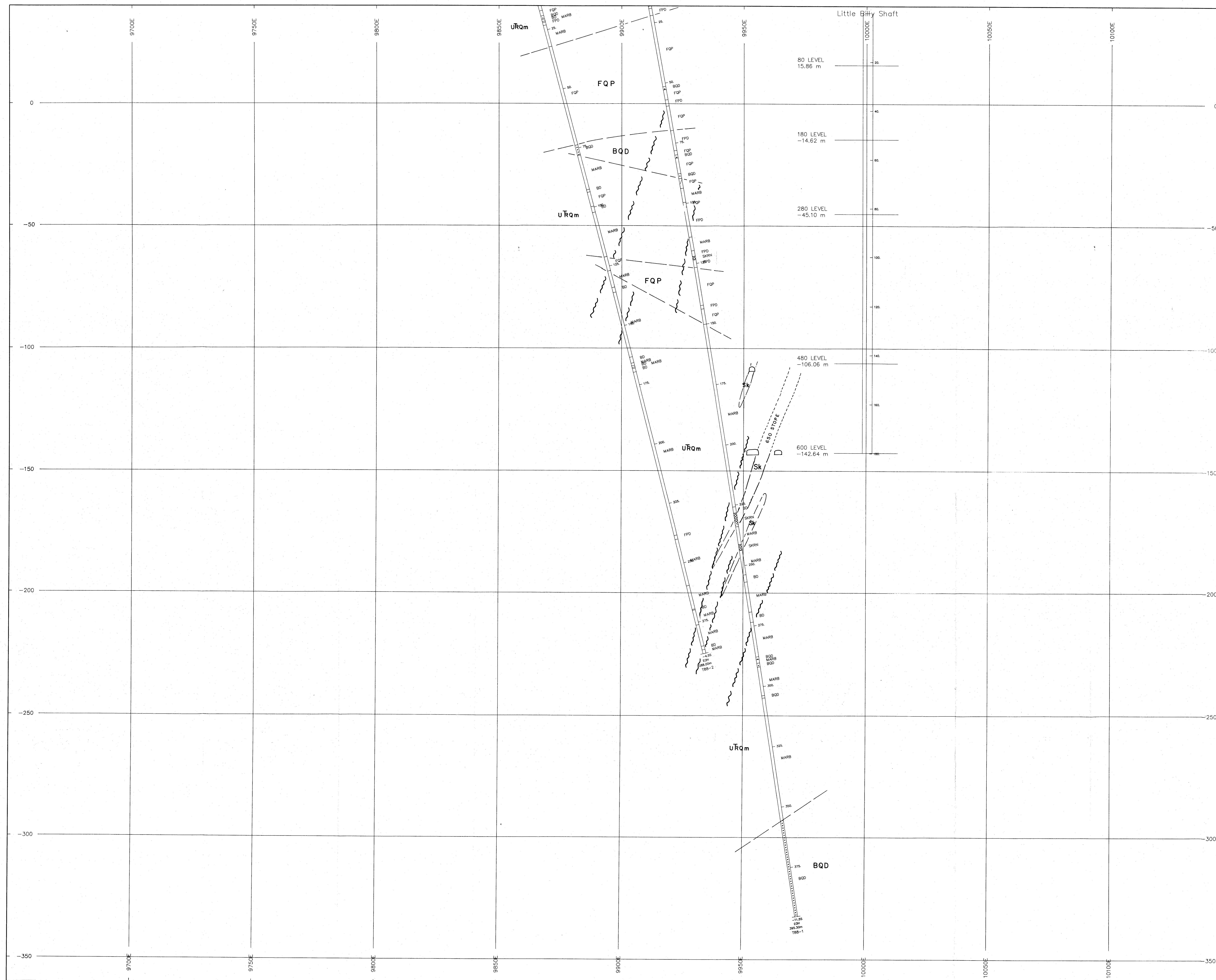
TEXADA PROJECT

Copper Queen Area

Diamond Drill Hole Section

T88-6 045

Looking Northwest



LEGEND

- QUATERNARY
- Overburden (OVb)
- MIDDLE TO UPPER JURASSIC
- Island Intrusives
- Feldspar Quartz Porphyry
- Biotite Quartz Diorite (BQD)
- Hornblende Diorite (HD)
- Feldspar Porphyry Dyke (FPD)
- Basaltic Dyke (BD)
- Dacitic Dyke (DAC)
- Gabbro (GAB)
- Skarn (SKRN)
- Wo : wollastonite
- gr : garnet
- pyx : pyroxene (diopside)
- amph : amphibole(actinolite)
- ep : epidote
- mag : magnetite
- UPPER TRIASSIC
- Quatsino Formation
- Limestone (LIME)
- Marble (MARB)
- MIDDLE TO UPPER TRIASSIC
- Karmutsen Formation
- Basalt
- Heterolithic debris flow

GEOLOGICAL BRANCH
ASSESSMENT REPORT

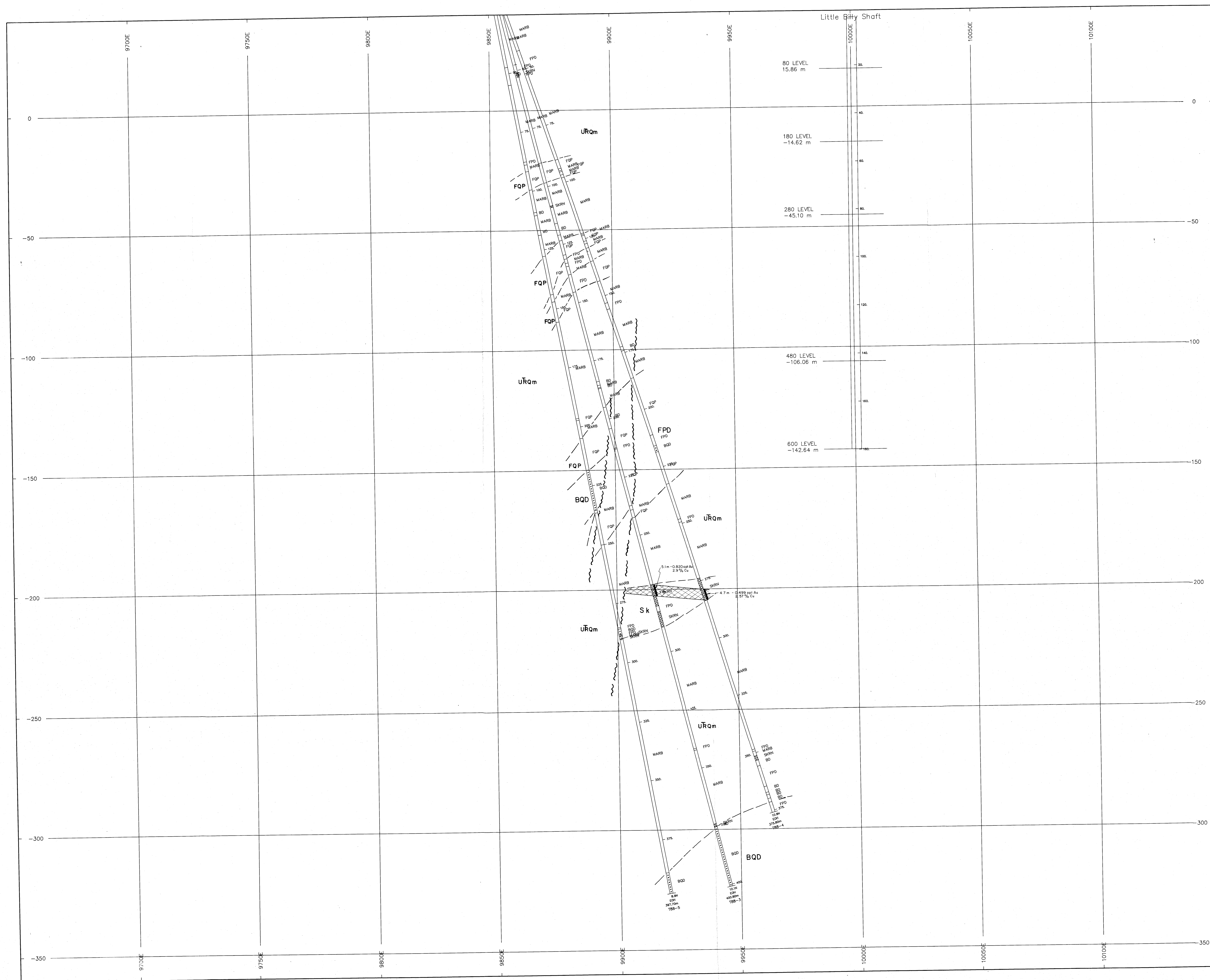
19,315

SCALE 1:500
10 0 20 40
METRES

Prepared By: Cambria Geological Ltd.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by: TEXADA PROJECT
Date: E-W SECTION
DDH 88 - 1,2
NTS: 92T10 & F15



LEGEND

QUATERNARY

Overburden (OVb)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Feldspar Quartz Porphyry

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Dacitic Dyke (DAC)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pyxn : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

MIDDLE TO UPPER TRIASSIC

Karmutsen Formation

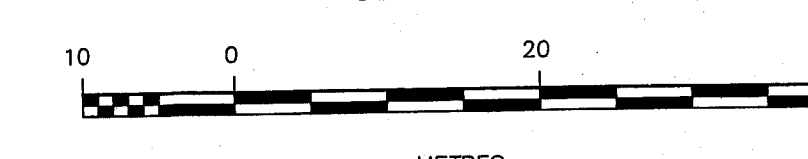
Basalt

Heterolithic debris flow

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,315

SCALE 1:500



Prepared By: Cambria Geological Ltd.

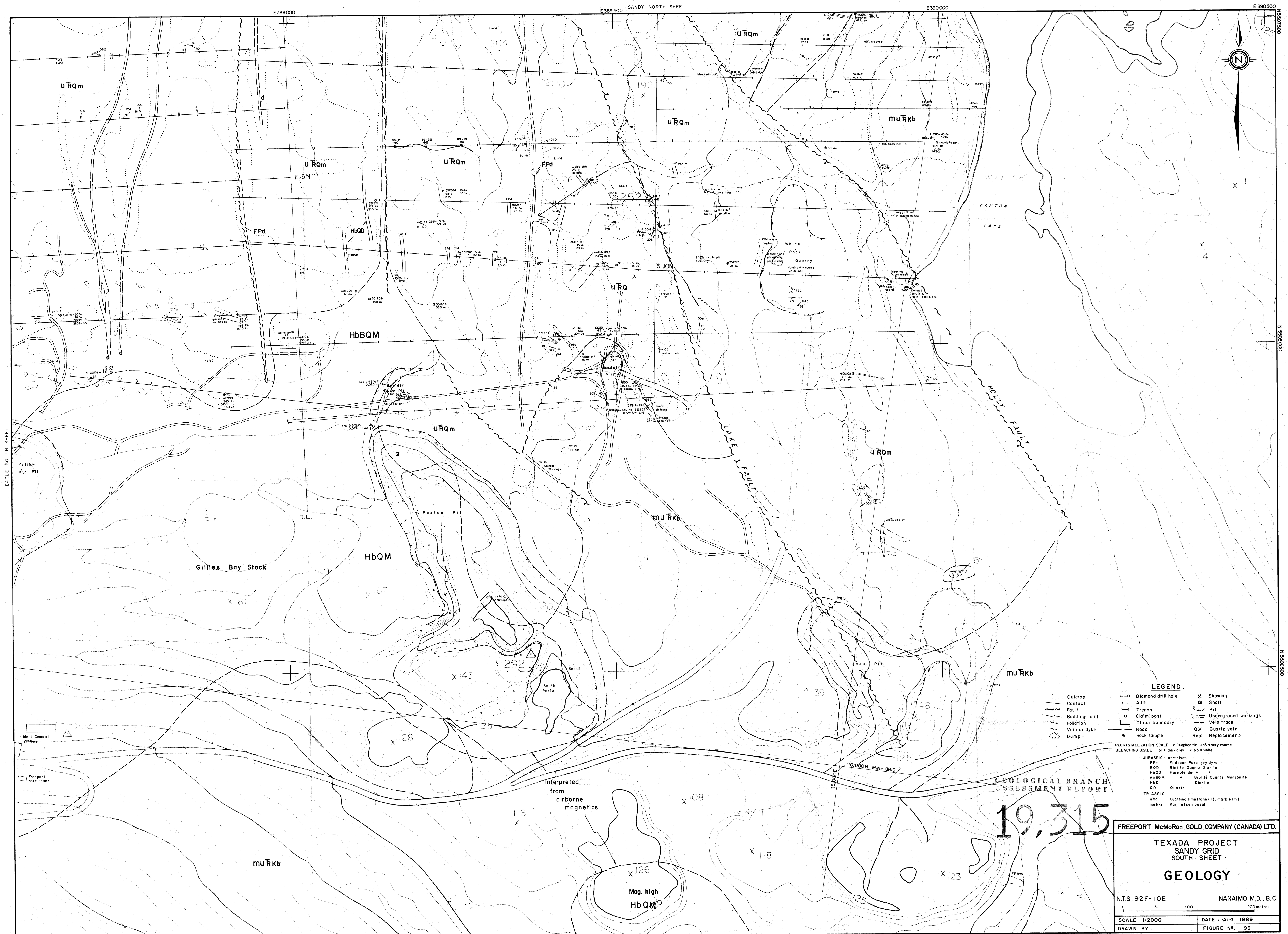
FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by: **TEXADA PROJECT**
Date: **E - W SECTION**
DDH 88 - 3,4,5

NTS: 92710 & F15

Map:

38



LEGEND

- Outcrop
 - Contact
 - Fault
 - Bedding joint
 - Foliation
 - Vein or dyke
 - Dump
 - Diamond drill hole
 - Adit
 - Trench
 - Claim post
 - Claim boundary
 - Road
 - Rock sample
 - Showing
 - Shaft
 - Pit
 - Underground workings
 - Vein trace
 - Q.V. Quartz vein
 - Repl. Replacement
- RECRYSTALLIZATION SCALE: +1 = ophiolite -5 = very coarse
BLEACHING SCALE: bl = dark grey - ss = white
- JURASSIC - Intrusives
FPd Feldspar Porphyry dyke
BDD Biotite Quartz Diorite
HbQM Hornblende
HbQM Biotite Quartz Monzonite
HbD Diorite
QD Quartz
TRIASSIC
uRm Quatsino limestone (l), marble (m)
muRkb Karmutsen basalt

GEOLOGICAL BRANCH
ASSESSMENT REPORT

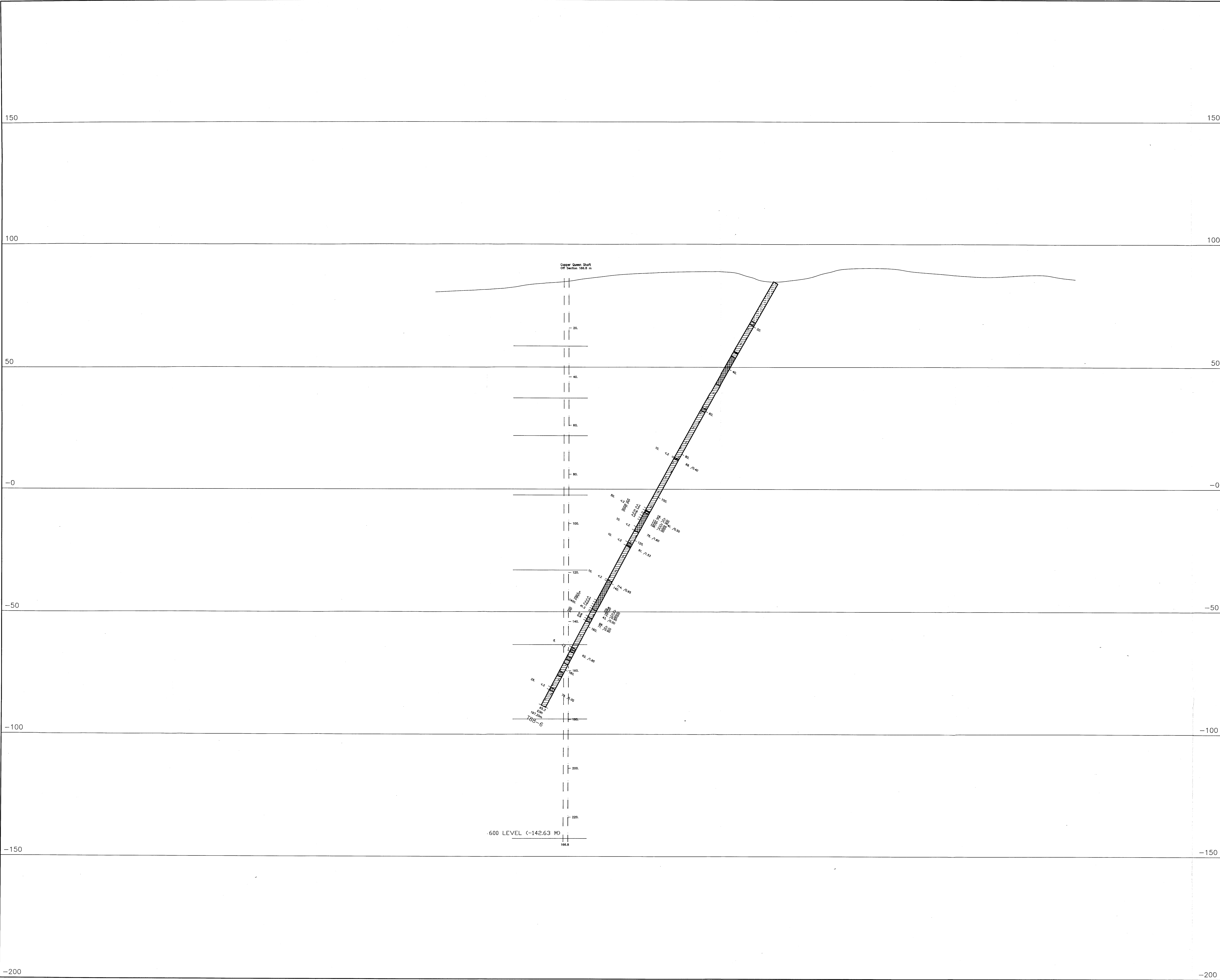
19,315

FREEPORT McMoRan GOLD COMPANY (CANADA) LTD.

TEXADA PROJECT
SANDY GRID
SOUTH SHEET
GEOLOGY

N.T.S. 92F-10E NANAIMO M.D., B.C.

SCALE 1:2000 DATE: AUG. 1989
DRAWN BY: FIGURE NO. 96



LEGEND

QUATERNARY

Overburden (OVB)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pxn : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

UPPER TRIASSIC AND OLDER

Karmutsen Formation

Basalt

Heterolithic debris flow

SYMBOLS

Geological Boundary (known, approximate) — — — —

Fault (known, approximate) ~~~~~

Bedding (inclined, vertical, overturned) — + — + —

Schistosity, Foliation — + — + —

Lamination (plunge) — + — + —

Shaft —

Adit —

Underground Drift — — — —

Trench —

Open Pit —

Mineral Occurrence —

Mineral Showing (dominant metal) — Au,Cu

Diamond Drill Hole (year and number), — 88-6

As Ag Cu /interval
ppm ppm ppm
CS 0.3 10

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,315

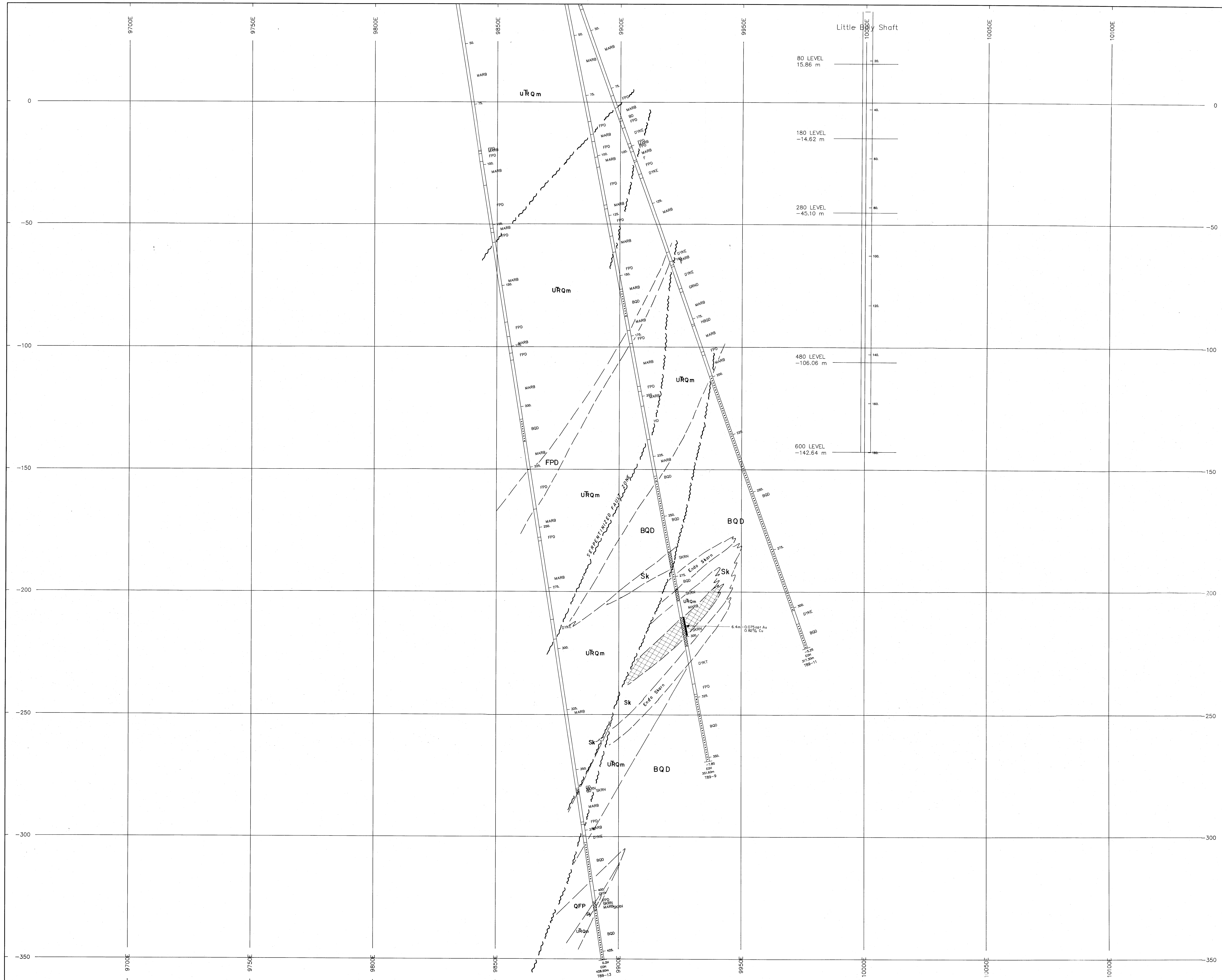
0 10 20 30 40
meters
SCALE 1:500

Prepared By: **Tecucomp Geological Inc.**

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by: C. Forster	TEXADA PROJECT Copper Queen Area Diamond Drill Hole Section T88-6 045 Looking Northwest
Date: JAN/89	
DOS directory: V\FPORT\DOH	
DOS file name: SECT8A.DWG	
NTS: 82F10 & F15	

FIG.
19

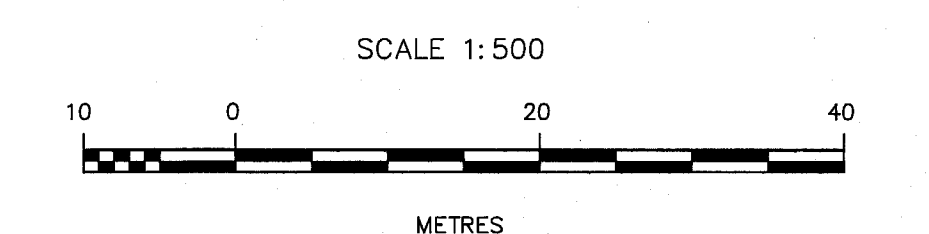


LEGEND

- QUATERNARY
- Overburden (OVB)
- MIDDLE TO UPPER JURASSIC
- Island Intrusives
- Feldspar Quartz Porphyry
- Biotite Quartz Diorite (BQD)
- Hornblende Diorite (HD)
- Feldspar Porphyry Dyke (FPD)
- Basaltic Dyke (BD)
- Dacitic Dyke (DAC)
- Gabbro (GAB)
- Skarn (SKRN)
- Wo : wollastonite
- gr : garnet
- pyx : pyroxene (diopside)
- amph : amphibole(actinolite)
- ep : epidote
- mag : magnetite
- UPPER TRIASSIC
- Quatsino Formation
- Limestone (LIME)
- Marble (MARB)
- MIDDLE TO UPPER TRIASSIC
- Karmutsen Formation
- Basalt
- Heterolithic debris flow

GEOLOGICAL BRANCH
ASSESSMENT PROGRAM

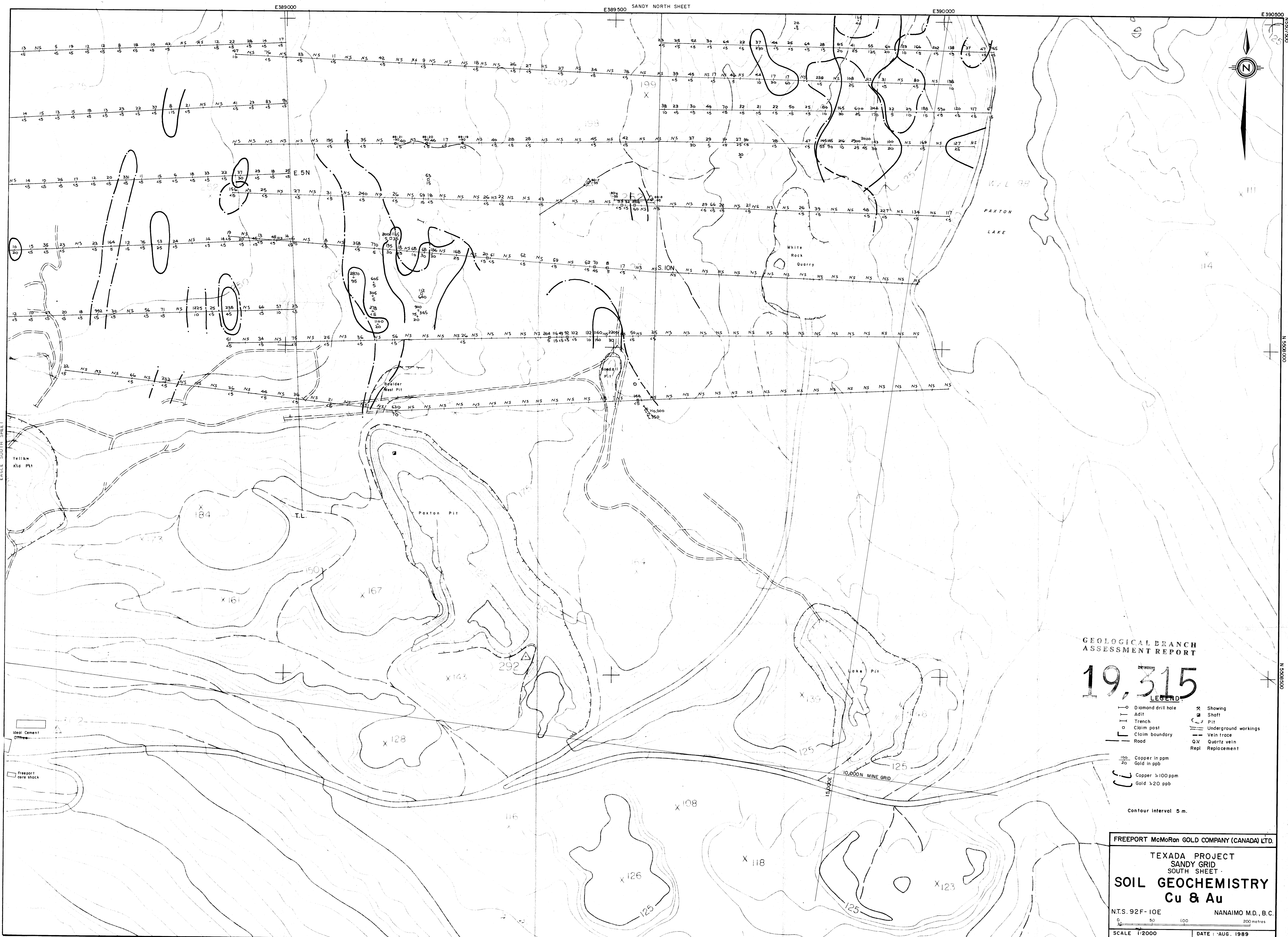
19,315



Prepared By: Cambria Geological Ltd.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by:	TEXADA PROJECT
Date:	
NTS: 82F10 & F15	E-W SECTION DDH 89-9,11,13
Map:	39 a



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,315

- LEGEND
- | | |
|----------------------|------------------------|
| ○ Diamond drill hole | ✱ Showing |
| △ Adit | ● Shaft |
| — Trench | ○ Pit |
| ○ Claim post | — Underground workings |
| — Claim boundary | — Vein trace |
| — Road | Q.V. Quartz vein |
| | Repl. Replacement |
- 100 Copper in ppm
20 Gold in ppb
- 100 Copper >100ppm
20 Gold >20 ppb

Contour interval 5 m.

FREEPORT McMoRan GOLD COMPANY (CANADA) LTD.

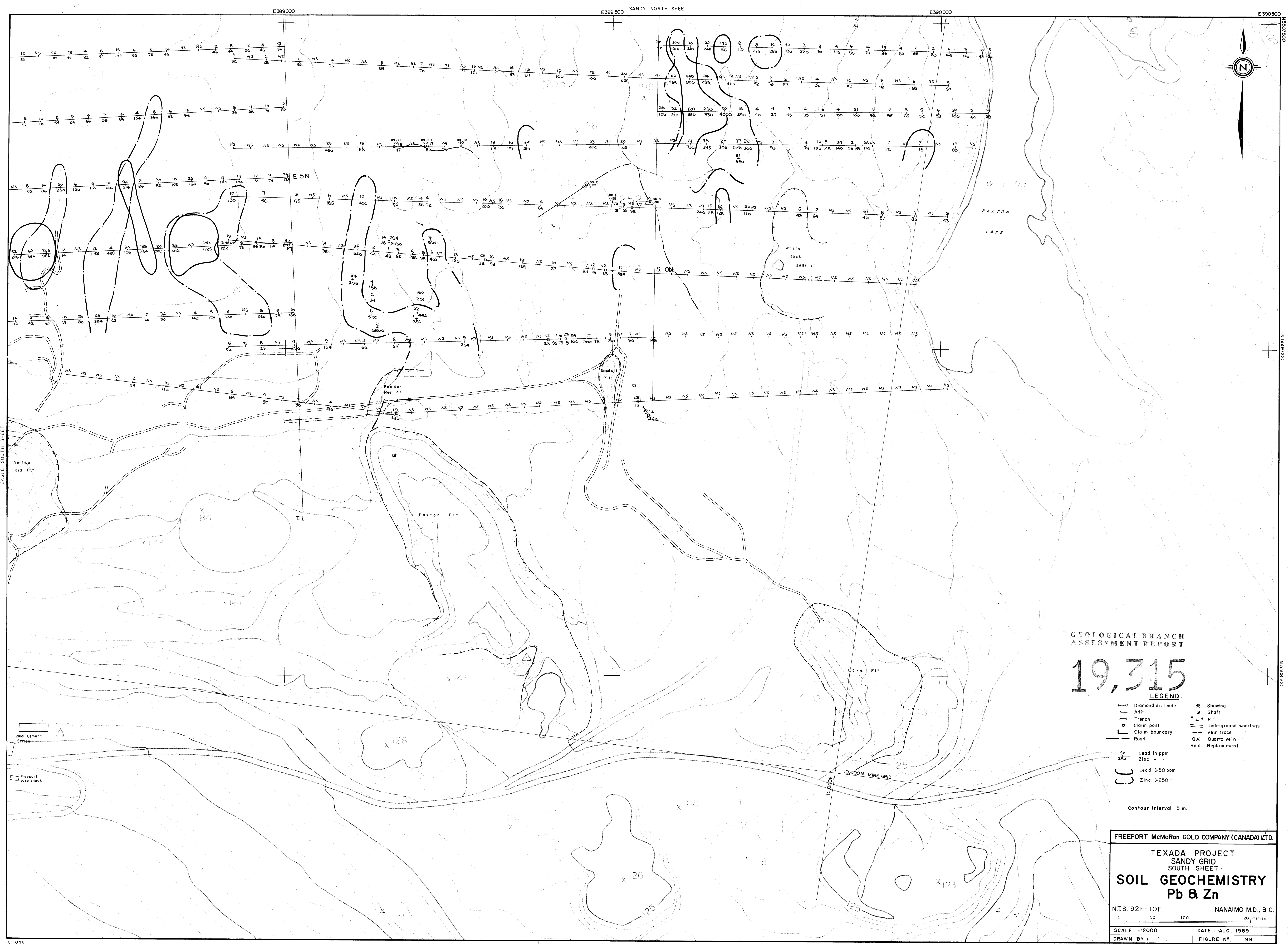
TEXADA PROJECT
SANDY GRID
SOUTH SHEET

SOIL GEOCHEMISTRY
Cu & Au

N.T.S. 92F-10E NANAIMO M.D., B.C.

SCALE 1:2000 DATE: AUG. 1989

DRAWN BY: FIGURE NO. 97



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,315

- LEGEND
- Diamond drill hole
 - Adit
 - Trench
 - Claim post
 - Claim boundary
 - Road
 - Showing
 - Shaft
 - Pit
 - Underground workings
 - Vein trace
 - Q.V. Quartz vein
 - Repl. Replacement
 - Lead in ppm
 - Zinc " "
 - Lead >50 ppm
 - Zinc >250 "

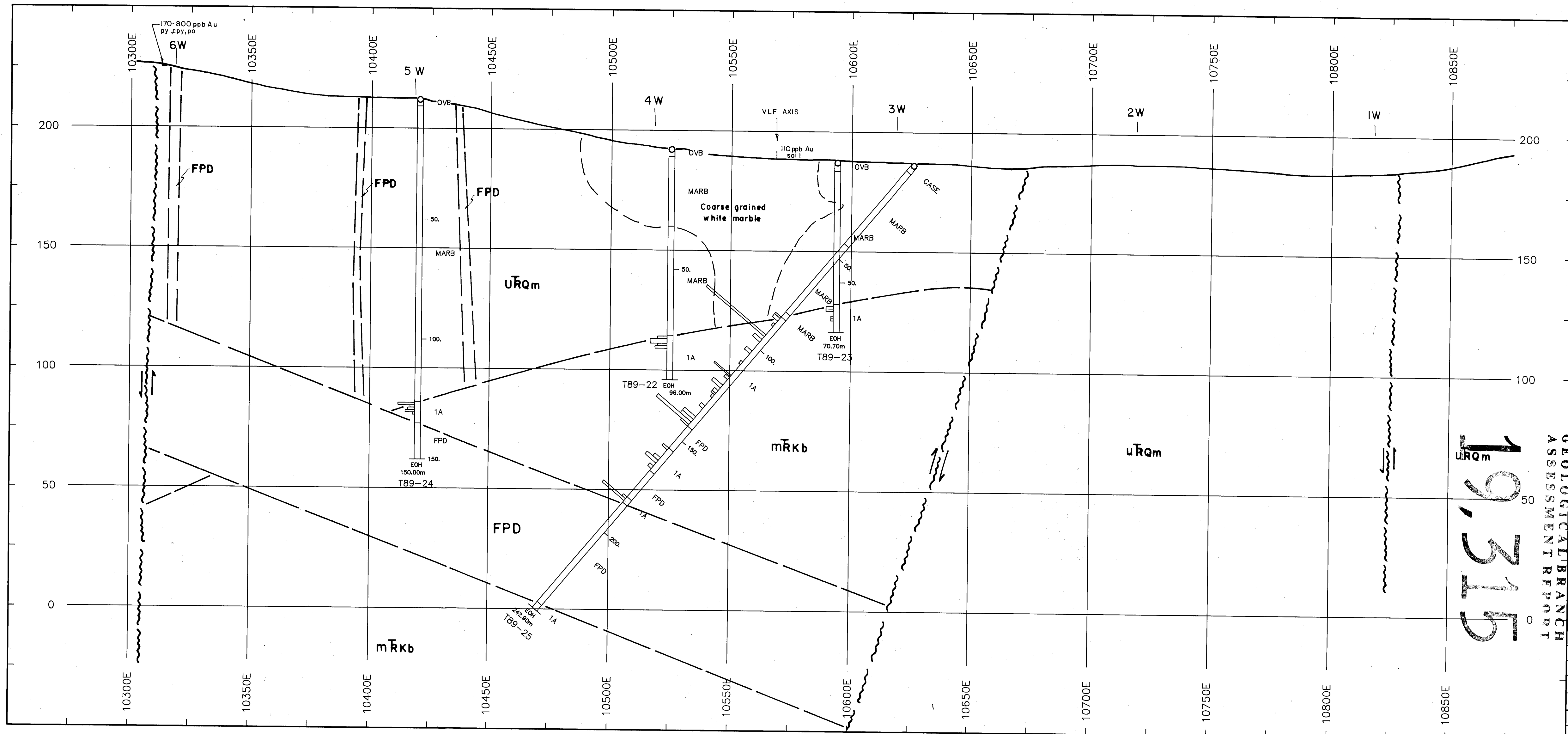
Contour interval 5 m.

FREEPORT McMoRan GOLD COMPANY (CANADA) LTD.

TEXADA PROJECT
SANDY GRID
SOUTH SHEET
SOIL GEOCHEMISTRY
Pb & Zn

N.T.S. 92F-10E NANAIMO M.D., B.C.

SCALE 1:2000 DATE: AUG. 1989
DRAWN BY: FIGURE NO. 98



LEGEND

QUATERNARY

Overburden (OVb)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Feldspar Quartz Porphyry

Biotite Quartz Diorite (BQD)

Hornblende Diorite (HD)

Feldspar Porphyry Dyke (FPD)

Basaltic Dyke (BD)

Dacitic Dyke (DAC)

Gabbro (GAB)

Skarn (SKRN)

Wo : wollastonite

gr : garnet

pyxn : pyroxene (diopside)

amph : amphibole (actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

Limestone (LIME)

Marble (MARB)

MIDDLE TO UPPER TRIASSIC

Karmutsen Formation

Basalt

Heterolithic debris flow

GOLD : 1cm = 50 ppb.

Prepared By: Cambria Geological Ltd.

FREEPORT - McMoran Gold Co. (Canada) Ltd.

Report by:

Date:

NTS:

92F10 & F15

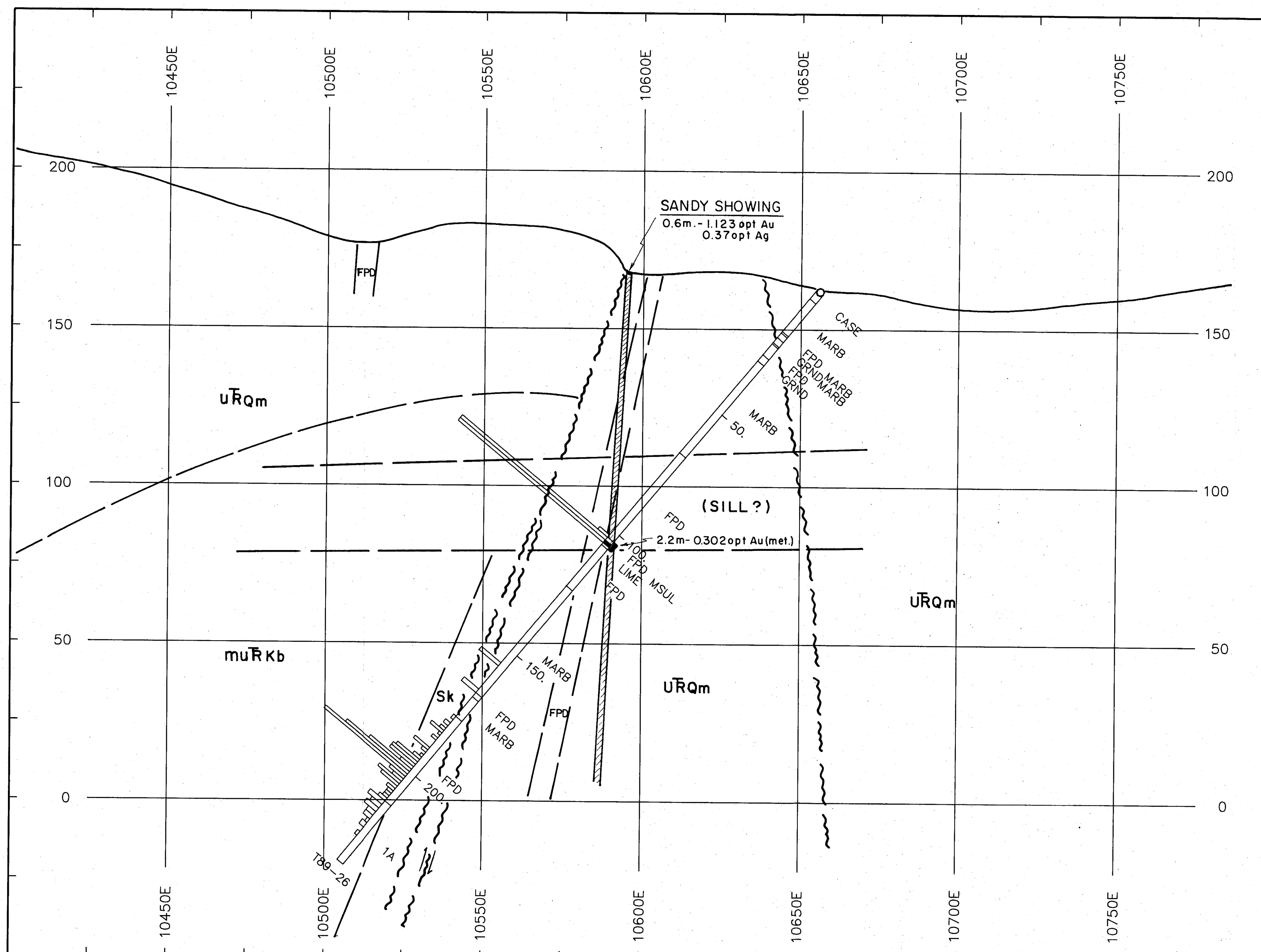
Map:

TEXADA PROJECT
SANDY NORTH
DRILL SECTION - L 16 N
DDH 89- 22,23,24,25

SCALE 1:1000

0 10 20 40 METRES

94



LEGEND

QUATERNARY

Overburden (OVB)

MIDDLE TO UPPER JURASSIC

Island Intrusives

Feldspar Quartz Porphyry

 Biotite Quartz Diorite (BQD)

☐ Hornblende Diorite (HD)

☐ Feldspar Porphyry Dyke (FPD)

 Basaltic Dyke (BD)

☐ Dacitic Dyke (DAC)

☐ Gabbro (GAB) Skarn (SKRN)

Wo : wollastonite

gr : garnet

pyxn : pyroxene (diopside)

amph : amphibole(actinolite)

ep : epidote

mag : magnetite

UPPER TRIASSIC

Quatsino Formation

☐ Limestone (LIME)

☐ Marble (MARB)

MIDDLE TO UPPER TRIASSIC

Karmutsen Formation

Basalt

☐ Heterolithic debris flow

GOLD : 1 cm = 50 ppb

Prepared By:

Cambria Geological Ltd.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by:

Date:

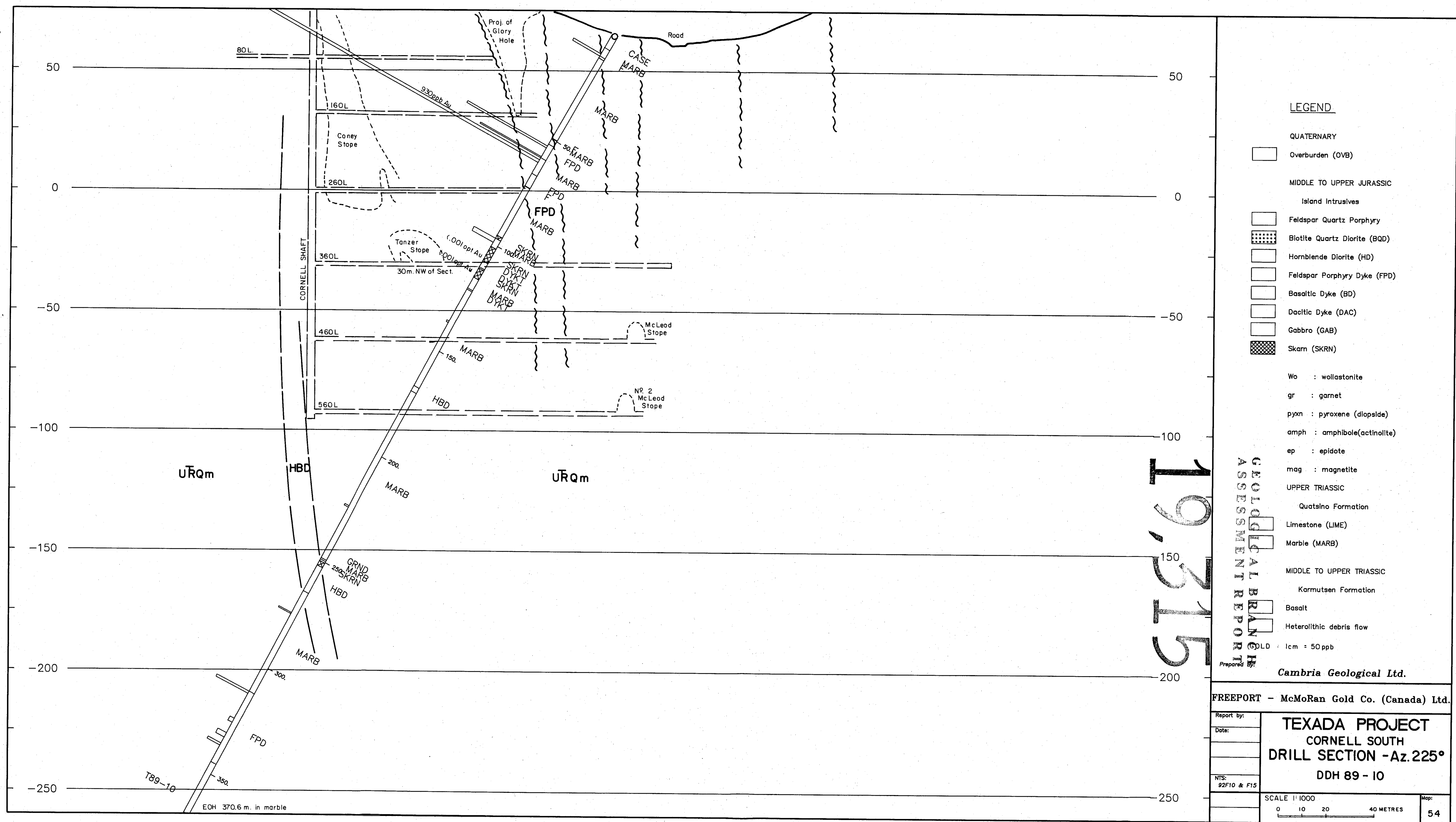
NTS:
92F10 & F15

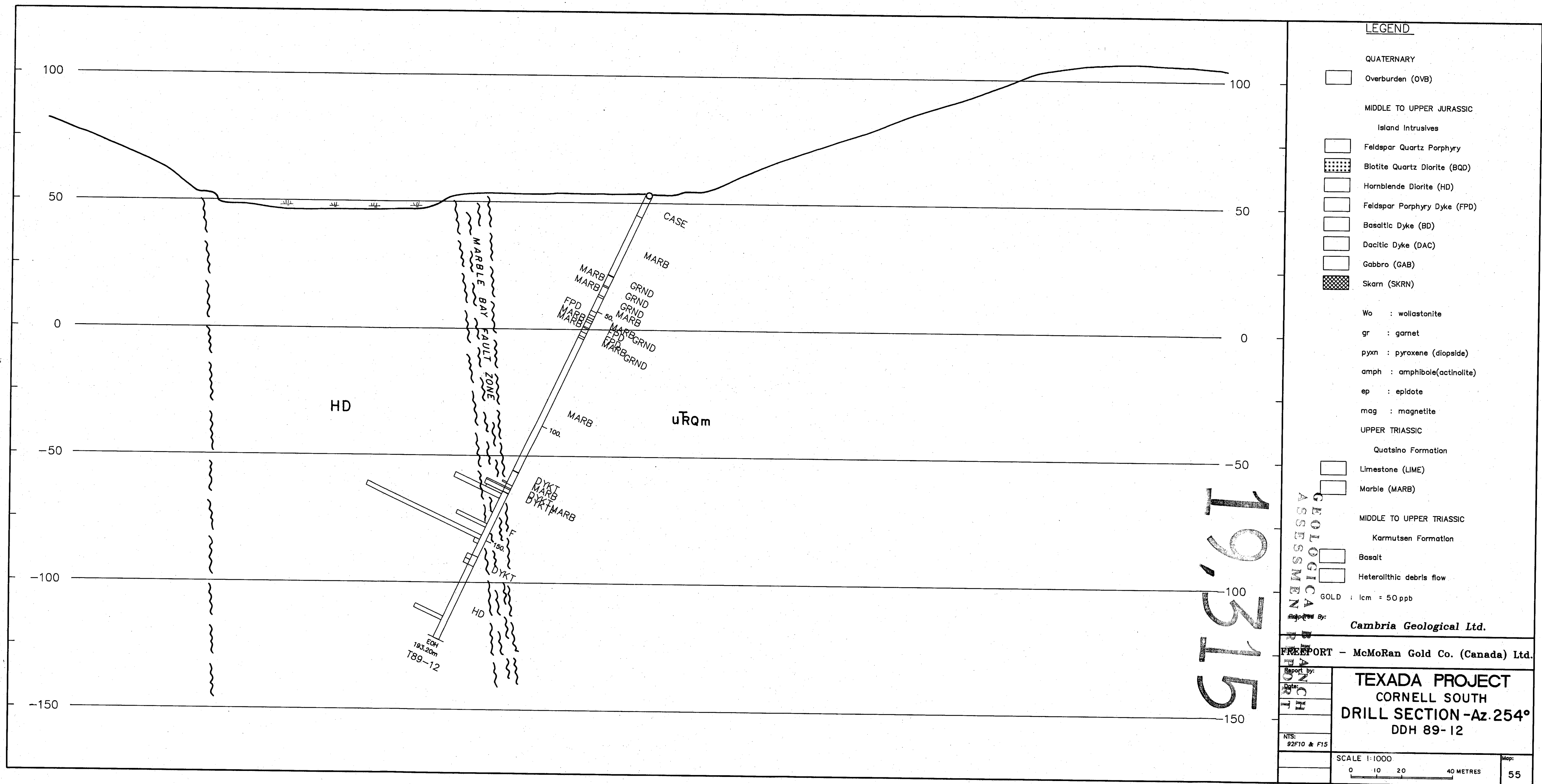
TEXADA PROJECT
SANDY CLAIM
DRILL SECTION - Looking N.
DDH 89- 26

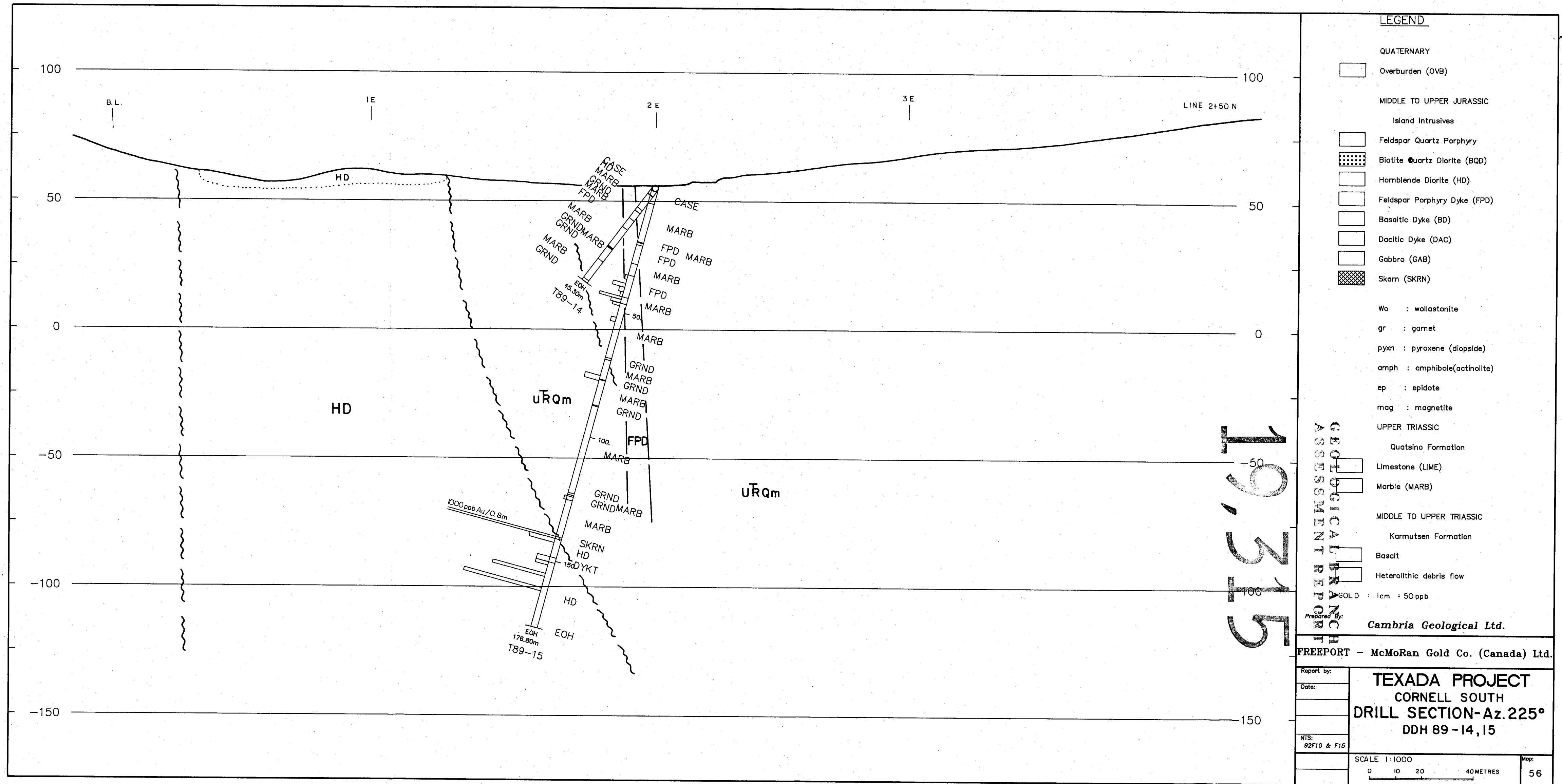
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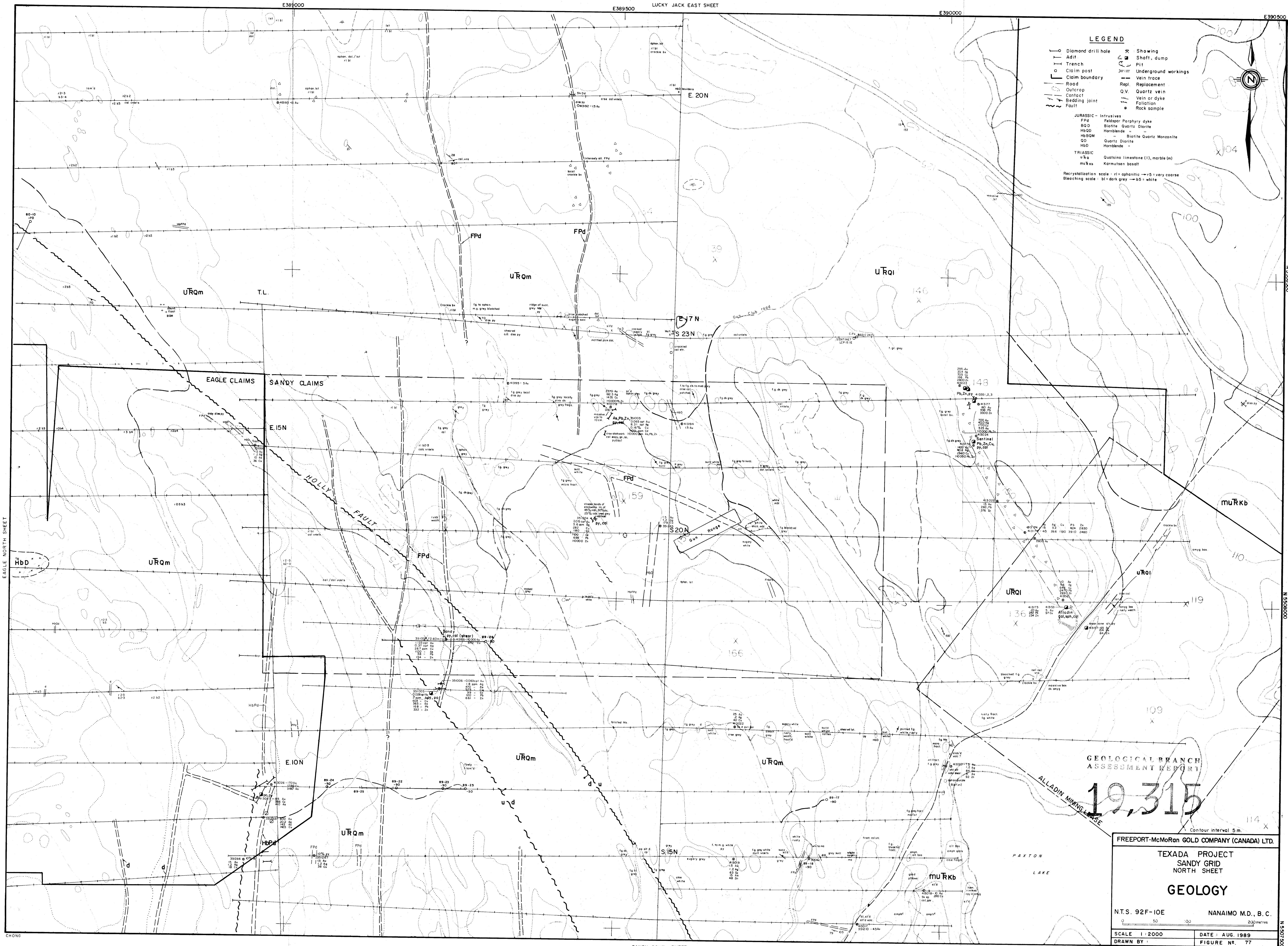
0 10 20 40 METRES

Map:









GEOLOGICAL BRANCH
ASSESSMENT REPORT

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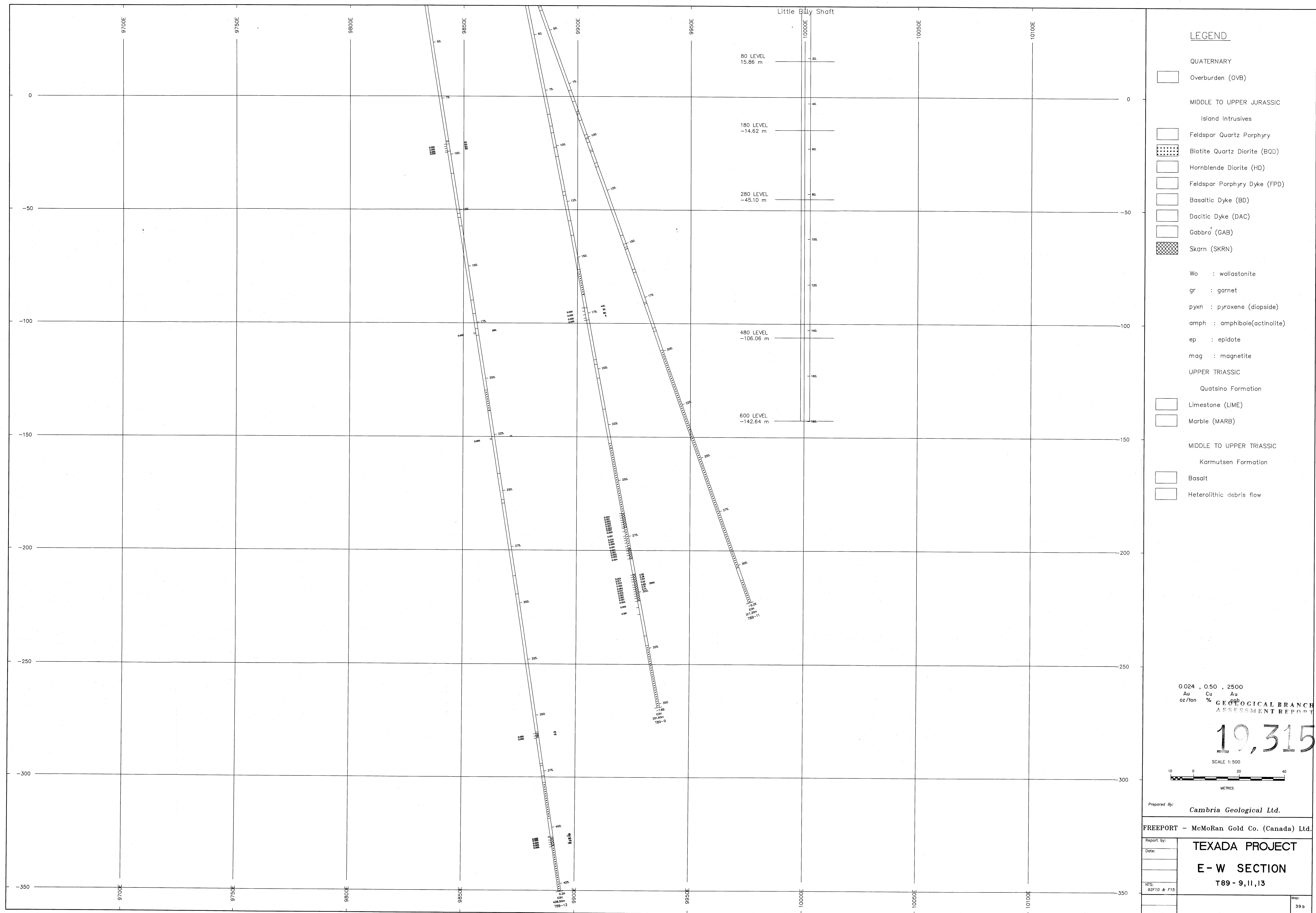
FREEPORT-McMORAN GOLD COMPANY (CANADA) LTD.

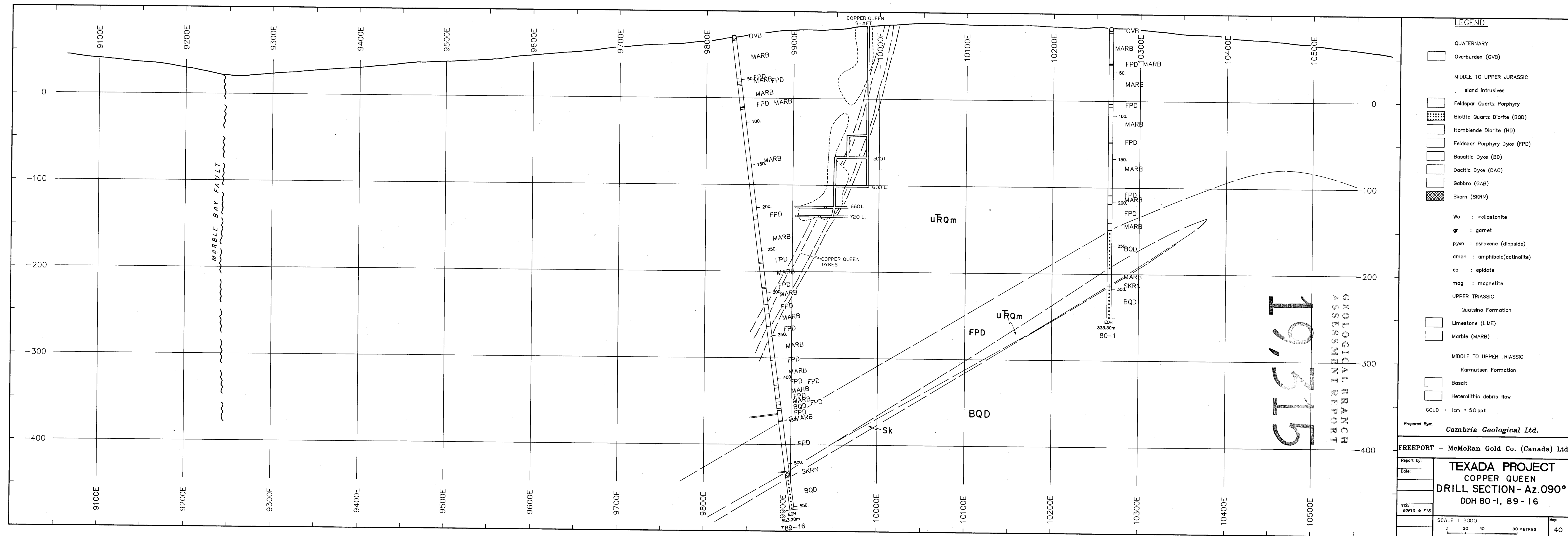
TEXADA PROJECT
SANDY GRID
NORTH SHEET

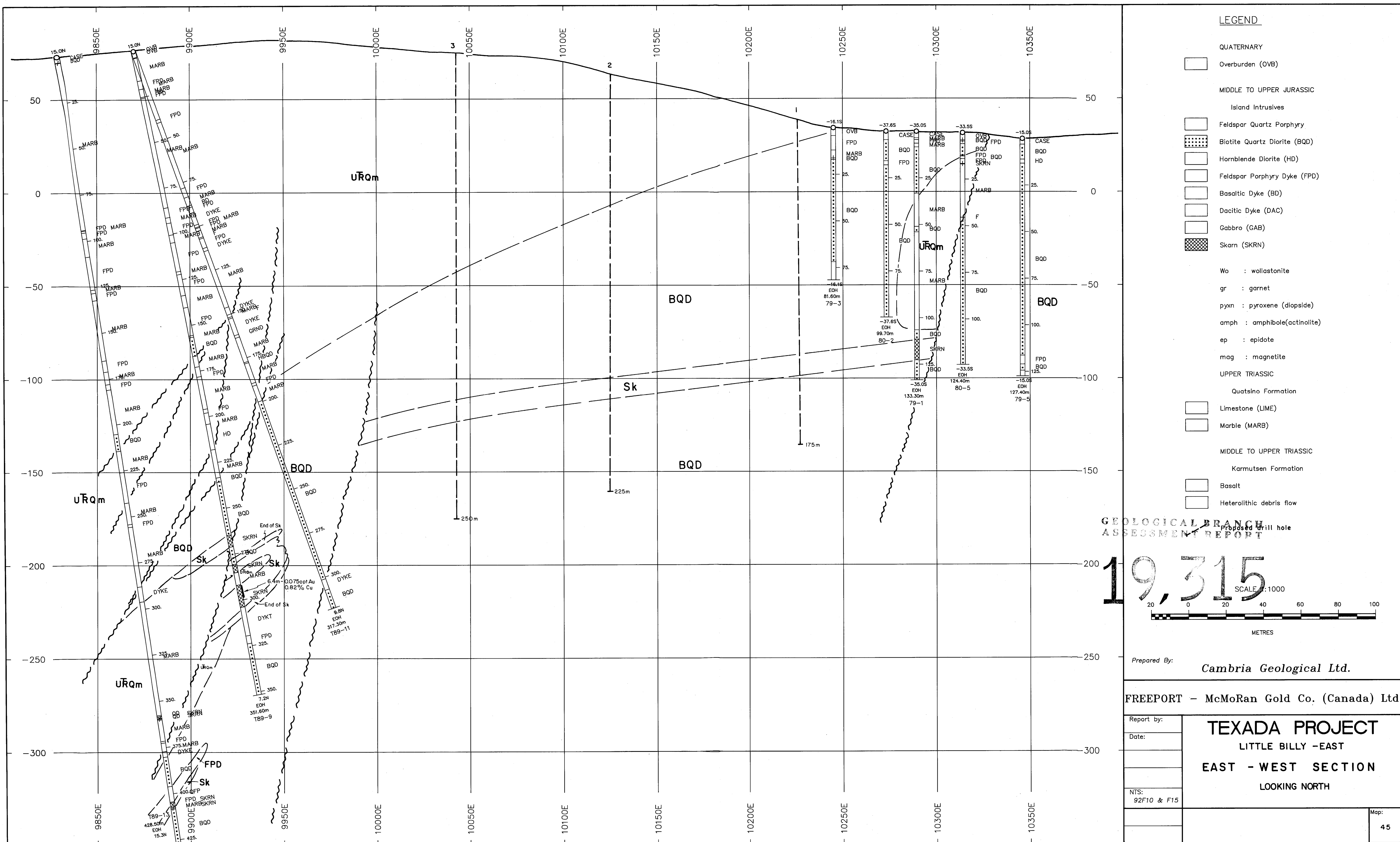
GEOLOGY

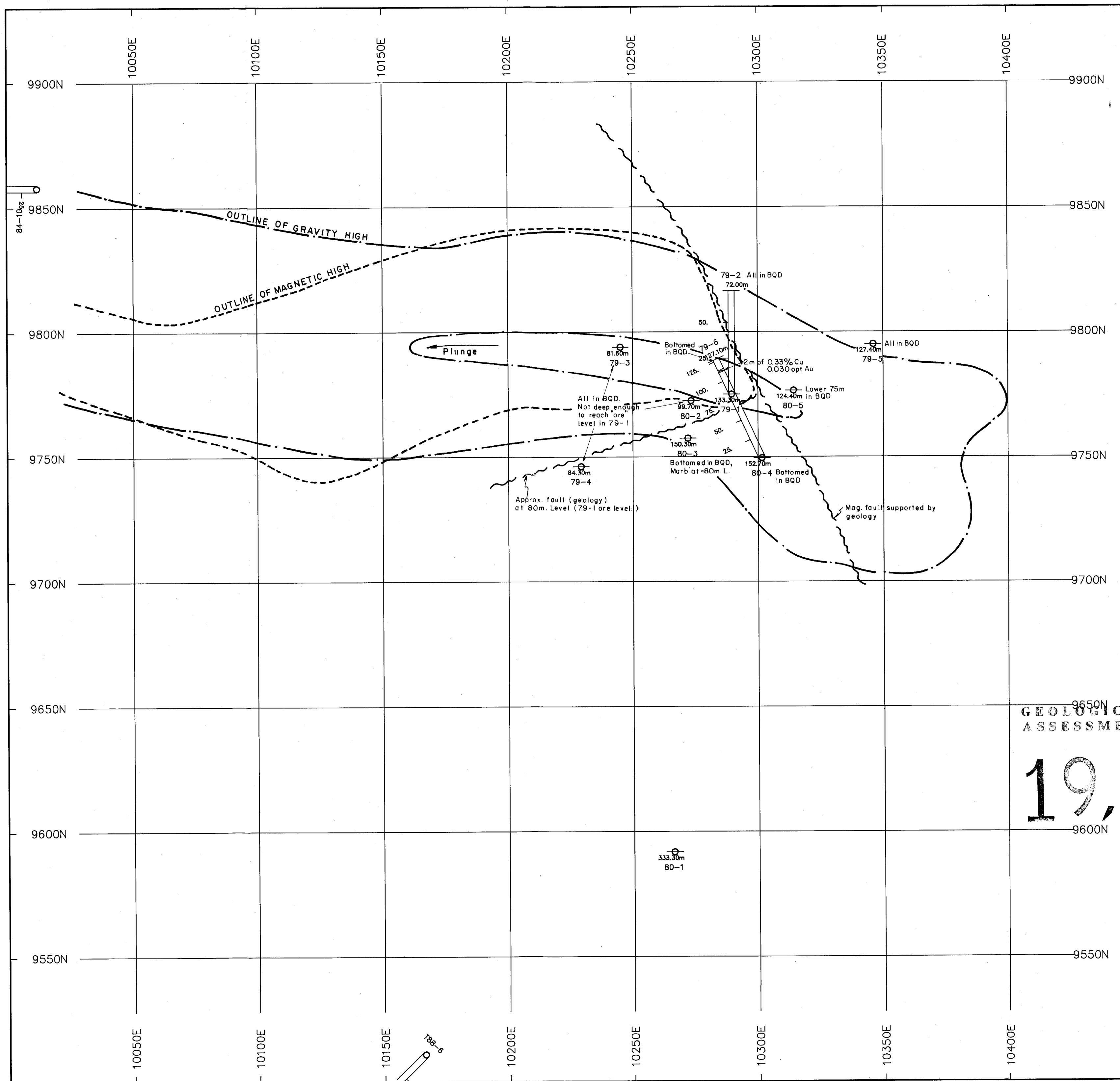
N.T.S. 92F-10E NANAIMO M.D., B.C.

SCALE 1:2000 DATE: AUG. 1989
DRAWN BY: FIGURE NO. 77







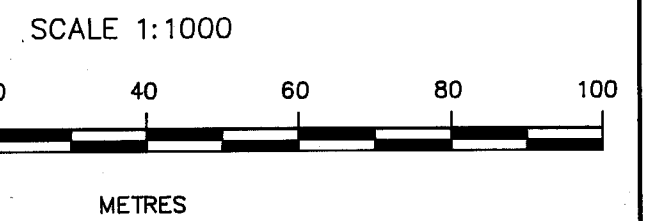


LEGEND

- QUATERNARY
- Overburden (OVB)
- MIDDLE TO UPPER JURASSIC
- Island Intrusives
 - Feldspar Quartz Porphyry
 - Biotite Quartz Diorite (BQD)
 - Hornblende Diorite (HD)
 - Feldspar Porphyry Dyke (FPD)
 - Basaltic Dyke (BD)
 - Dacitic Dyke (DAC)
 - Gabbro (GAB)
 - Skarn (SKRN)
- Wo : wollastonite
- gr : garnet
- pyxn : pyroxene (diopside)
- amph : amphibole(actinolite)
- ep : epidote
- mag : magnetite
- UPPER TRIASSIC
- Quatsino Formation
 - Limestone (LIME)
 - Marble (MARB)
- MIDDLE TO UPPER TRIASSIC
- Karmutsen Formation
 - Basalt
 - Heterolithic debris flow

GEOLOGICAL BRANCH
ASSESSMENT REPORT

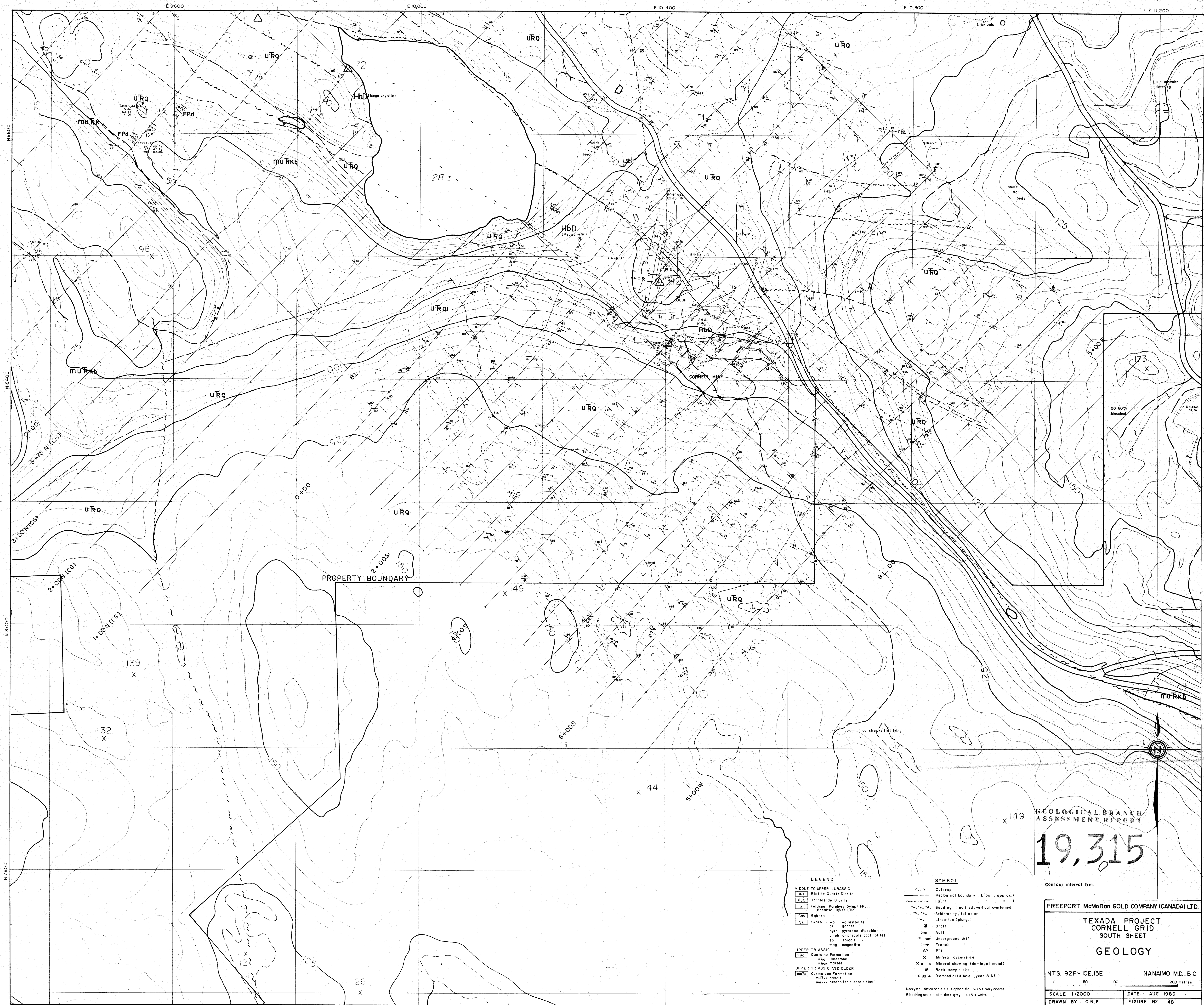
19,315



Prepared By: Cambria Geological Ltd.

FREEPORT - McMoRan Gold Co. (Canada) Ltd.

Report by:	TEXADA PROJECT LITTLE BILLY - EAST PLAN OF DRILL HOLE COLLARS 1979 - 1980
Date:	
NTS:	
92F10 & F15	
Map:	46



LEGEND

MIDDLE TO UPPER JURASSIC

- uRq Biotite Quartz Diorite
- HbD Hornblende Diorite
- FPd Feldspar Porphyry Dykes (FPd)
- BD Basaltic Dykes (BD)
- Gabro Gabbro
- Sk Skarn: wo wollastonite, gr garnet, pyx pyroxene (diopside), amph amphibole (actinolite), ep epidote, mag magnetite

UPPER TRIASSIC

- uRq Quartzite Formation
- uRq Limestone

UPPER TRIASSIC AND OLDER

- muRkb Karmutsen Formation
- muRkb basal mafic heterolithic debris flow

SYMBOL

- Outcrop
- Geological boundary (known, approx.)
- Fault
- Bedding (inclined, vertical overturned)
- Schistosity, foliation
- Lamination (plunge)
- Shaft
- Adit
- Underground drift
- Trench
- Pit
- Mineral occurrence
- Mineral showing (dominant metal)
- Rock sample site
- Diamond drill hole (year & NR)

Recrystallization scale: r = aphanitic, r+ = very coarse
Bleaching scale: bl = dark grey, r+ = white

Geological Branch
Assessment Report

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Contour interval 5m.

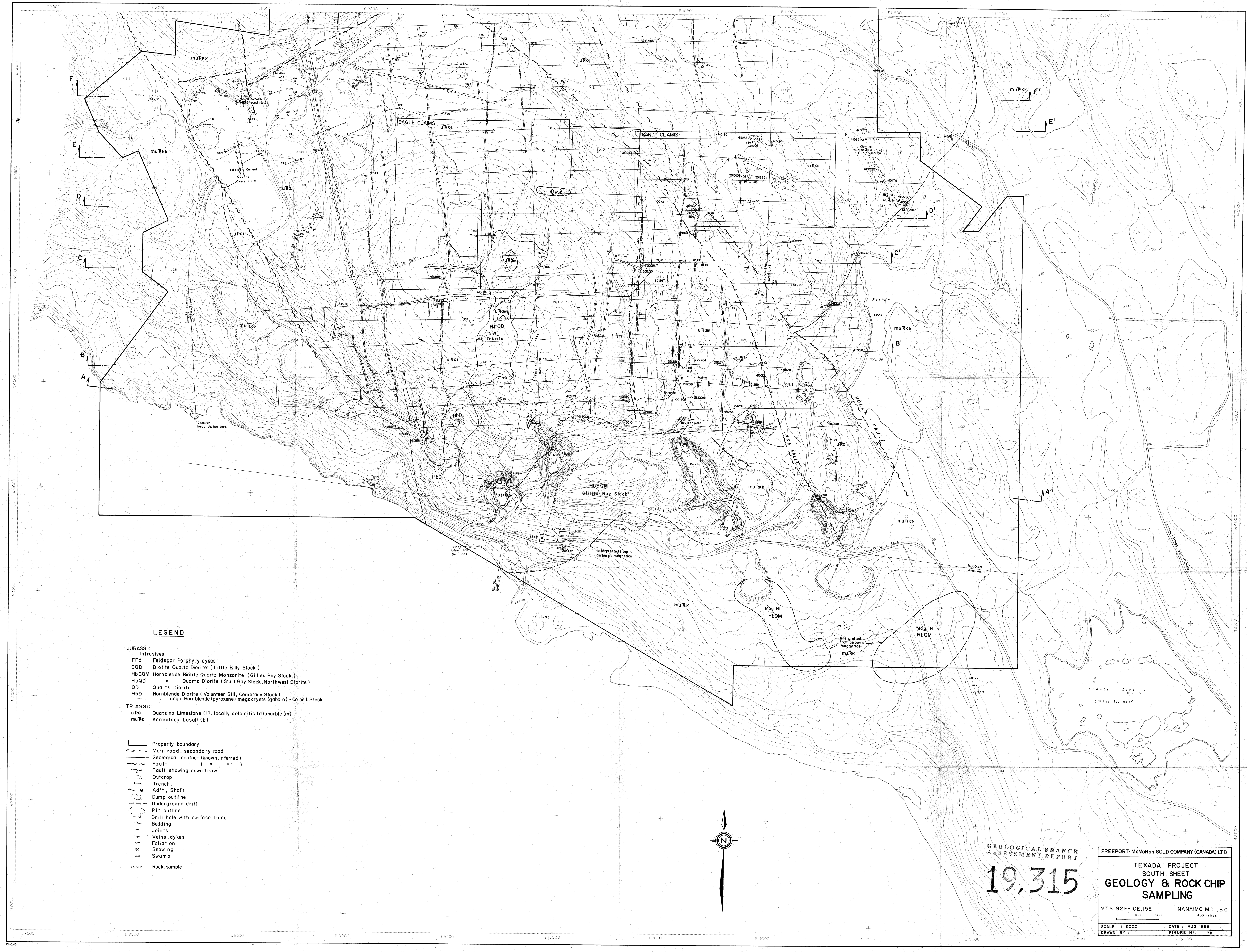
FREEPORT McMoRan GOLD COMPANY (CANADA) LTD.

TEXADA PROJECT
CORNELL GRID
SOUTH SHEET

GEOLOGY

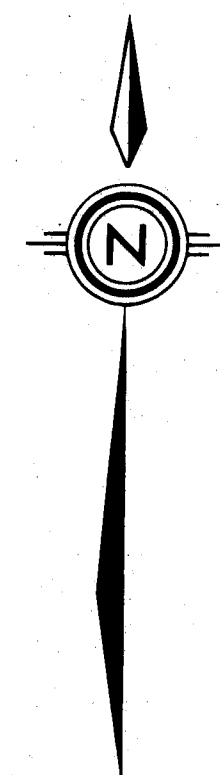
NTS. 92F-10E,15E NANAIMO M.D., B.C.

SCALE 1:2000 DATE: AUG. 1989
DRAWN BY: C.N.F. FIGURE No. 48



LEGEND

- JURASSIC
Intrusives
FpD Feldspar Porphyry dykes
BQD Biotite Quartz Diorite (Little Billy Stock)
HbBQM Hornblende Biotite Quartz Monzonite (Gillies Bay Stock)
HbQD " Quartz Diorite (Slurri Bay Stock, Northwest Diorite)
QD Quartz Diorite
HbD Hornblende Diorite (Volunteer Sill, Cemetery Stock)
meg Hornblende (pyroxene) megacrysts (gabbro) - Cornell Stock
- TRIASSIC
uRo Quatsino Limestone (l), locally dolomitic (d), marble (m)
muRk Karmutsen basalt (b)
- Property boundary
Main road, secondary road
Geological contact (known, inferred)
Fault
Fault showing downthrow
Outcrop
Trench
Adit, Shaft
Dump outline
Underground drift
Pit outline
Drill hole with surface trace
Bedding
Joints
Veins, dykes
Foliation
Showing
Swamp
Rock sample



GEOLOGICAL BRANCH
ASSESSMENT REPORT

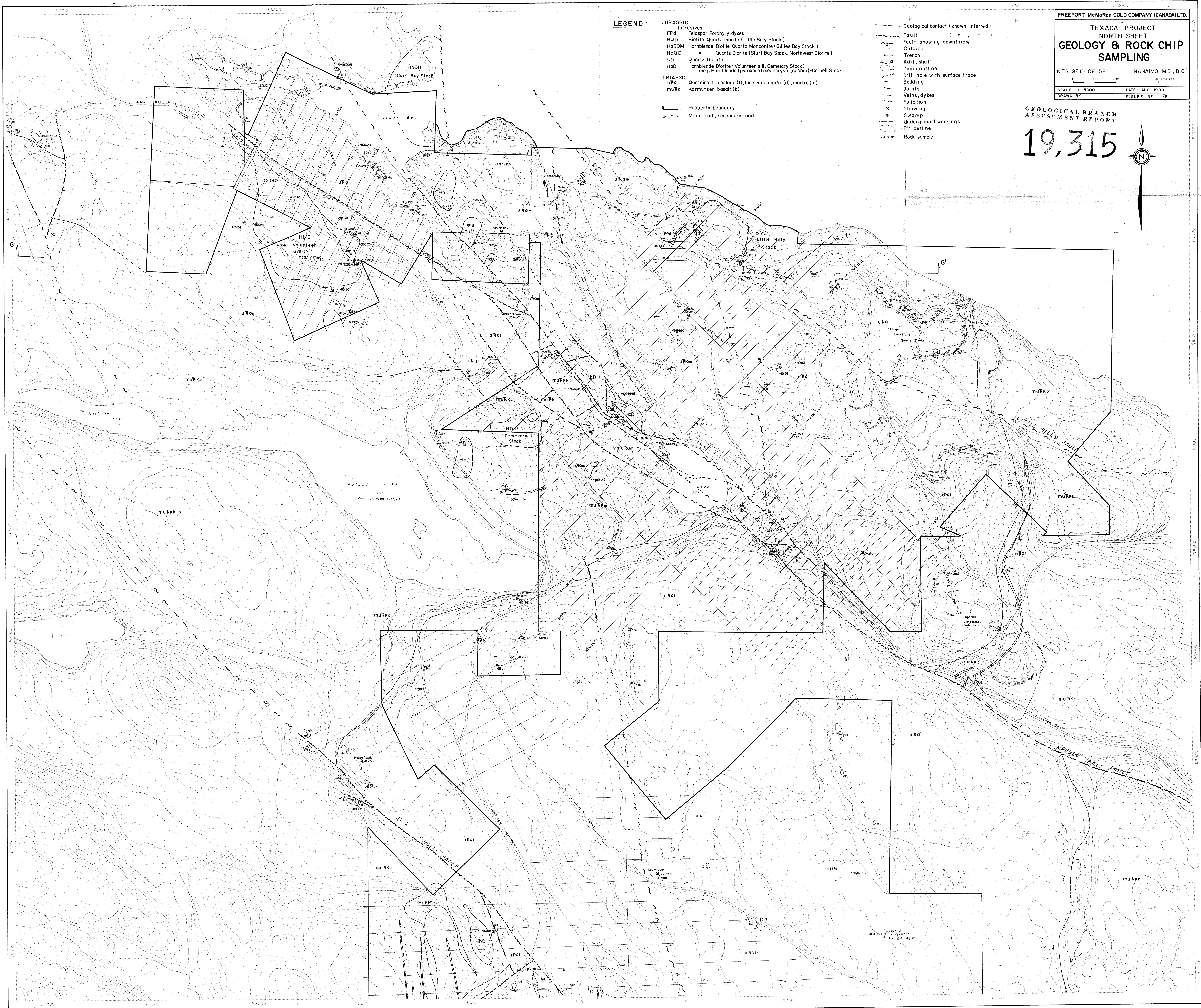
19,315

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TEXADA PROJECT
SOUTH SHEET
GEOLOGY & ROCK CHIP
SAMPLING

N.T.S. 92F-10E, 15E NANAIMO M.D., B.C.

SCALE 1:5000 DATE AUG. 1989
DRAWN BY: FIGURE NO. 7b



LEGEND :

- JURASSIC
- FPd Intrusives
 - FPd Feldspar Porphyry dykes
 - BQD Biotite Quartz Diorite (Little Billy Stock)
 - HbQM Hornblende Biotite Quartz Monzonite (Gillies Bay Stock)
 - HbD " Quartz Diorite (Sturt Bay Stock, Northwest Diorite)
 - QD Quartz Diorite
 - HbD Hornblende Diorite (Volunteer sill, Cemetery Stock)
 - meg Hornblende (pyroxene) megacrysts (gabbro)-Cornell Stock
 - TRIASSIC
 - uRai Quatsino Limestone (l), locally dolomitic (d), marble (m)
 - muRk Karmutsen basalt (b)
- Property boundary
Main road, secondary road

- Geological contact (known, inferred)
- Fault (" ")
- Fault showing downthrow
- Outcrop
- Trench
- Adit, shaft
- Dump outline
- Drill hole with surface trace
- Bedding
- Joints
- Veins, dykes
- Foliation
- Showing
- Swamp
- Underground workings
- Pit outline
- Rock sample

FREEPORT-McMORAN GOLD COMPANY (CANADA) LTD.

TEXADA PROJECT
NORTH SHEET
GEOLOGY & ROCK CHIP SAMPLING

N.T.S. 92 F-10E, 15E NANAIMO M.D., B.C.

SCALE 1:5000 DATE AUG. 1989
DRAWN BY: FIGURE No. 70

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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