

FOX GEOLOGICAL CONSULTANTS LTD.

LOG NO	1221	RD.
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FILE NO:		

DRILL REPORT ON THE
 FLATHEAD 1, 3 TO 10, 12 MINERAL CLAIMS
 FORT STEELE MINING DIVISION
 BRITISH COLUMBIA

FILMED

by

G. K. Kulla, B.Sc.
 and
 P. E. Fox, Ph.D., P.Eng.

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NTS 82G/2E
 49°10'10"N 114°32'50"W

Work paid for by Placer Dome Inc.
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December 15, 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,455

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SUMMARY

This report summarizes the drill program on the Grid B target area, Flathead claims, Fort Steele Mining Division, B.C. Work consisted of drilling six NQwl holes comprising 886.5 metres (2,842 feet). The target is a coincident gold in soil geochemical, chargeability high and resistivity low anomaly extending over 1,500 metres. Disseminated pyrite in a fault zone may be the cause of the weak IP anomaly but the gold source has still not been identified.

INTRODUCTION

This report presents the results of the 1989 work program done on the Flathead claim block, Fort Steele Mining Division, British Columbia. The program concentrated on the Grid B area centred on the Flathead 6, 8 and 12 claims and consisted of six NQwl drill holes totalling 886.5 metres.

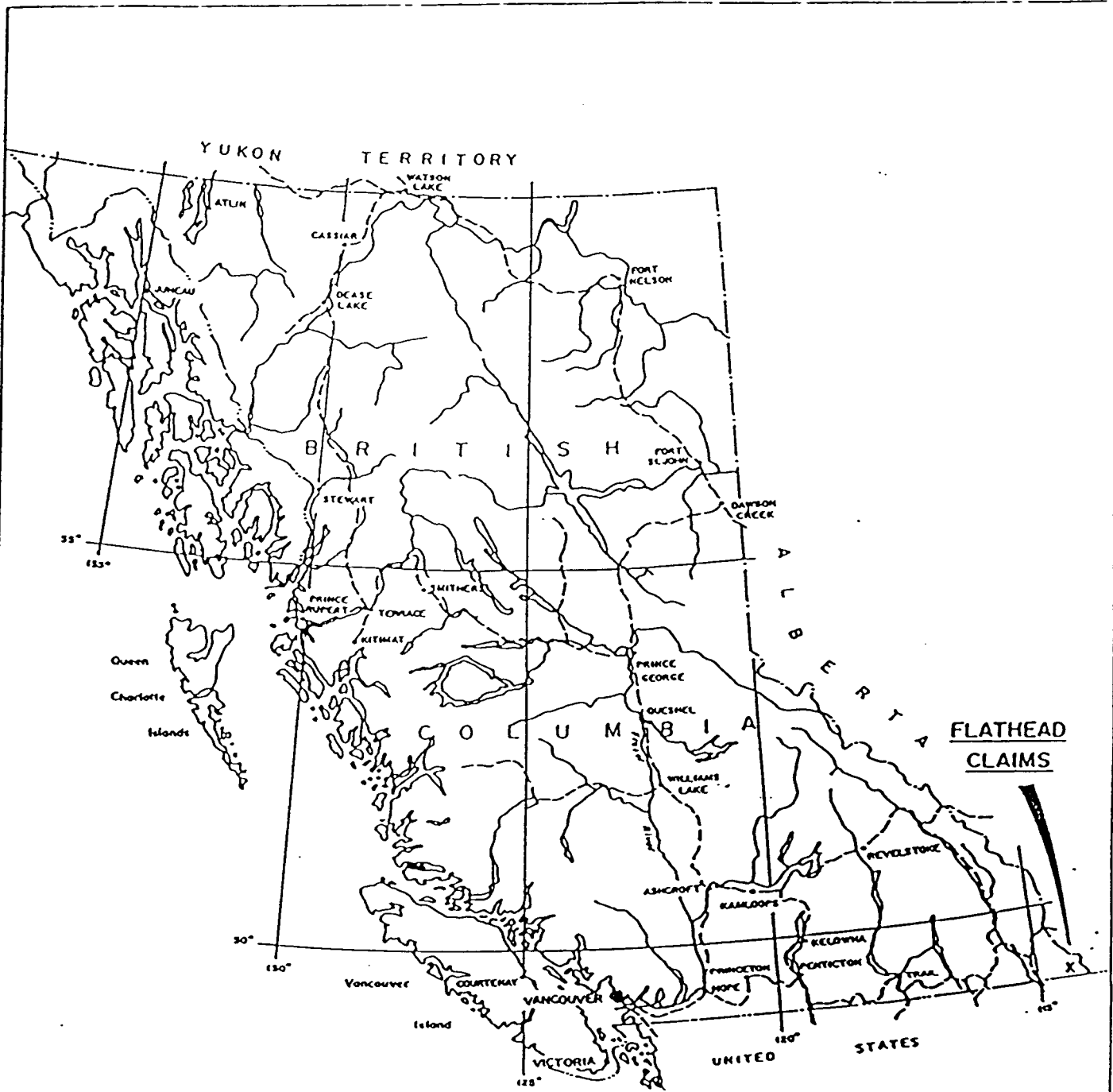
LOCATION AND ACCESS

The Flathead mineral claims are situated in southeastern B.C. approximately thirty kilometres southeast of Fernie, B.C. and twenty kilometres north of the British Columbia-Montana border at latitude 49°10'10"N and longitude 114°32'50"W in the vicinity of Trachyte Ridge and Howell Creek (Figure 1). The area is within the MacDonald Range of the Rocky Mountains between elevations 1,400 metres and 2,200 metres in moderate to steep terrain. Much of the area is above treeline and ridges are generally rounded to flat upland plateaus.

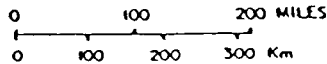
Access to the claims is by logging roads leading from the locality of Morrissey, thirteen kilometres south of Fernie on Highway 3, for a distance of about 70 kilometres following Morrissey Creek, Lodgepole Creek, Harvey Creek and the Flathead River. Helicopters are necessary for access to the higher elevations and to all of the western half of the claims.

CLAIM INFORMATION

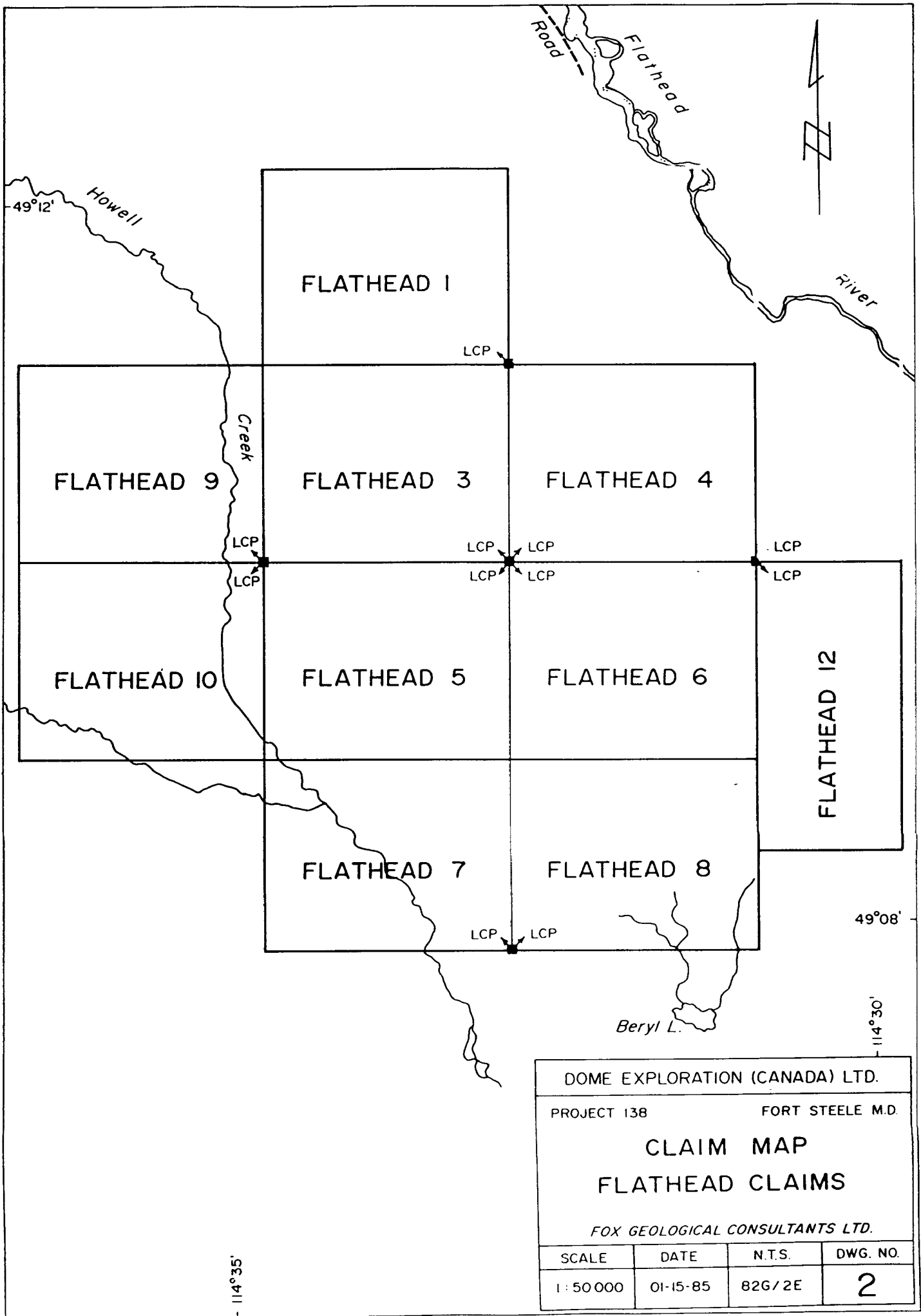
The Flathead mineral claims (Figure 2) consist of 198 units and are situated within the Fort Steele Mining Division on NTS mapsheet 82G/2E and 1W. The expiry dates shown below assume that current work will be accepted for assessment purposes.



FLATHEAD CLAIMS



DOMEX EXPLORATION (CANADA) LIMITED				
PROJECT NO: 138		FORT STEELE M.D., B.C.		
PROPERTY LOCATION PLAN				
FLATHEAD CLAIMS				
FOX GEOLOGICAL CONSULTANTS LTD.				
SCALE	DATE	FILE	N.T.S. NO	FIG. NO
1:1,000,000	13 Nov '85	BY: dip GOD	B.C.	1



DOME EXPLORATION (CANADA) LTD.			
PROJECT 138		FORT STEELE M.D.	
CLAIM MAP			
FLATHEAD CLAIMS			
FOX GEOLOGICAL CONSULTANTS LTD.			
SCALE	DATE	N.T.S.	DWG. NO.
1:50 000	01-15-85	82G/2E	2

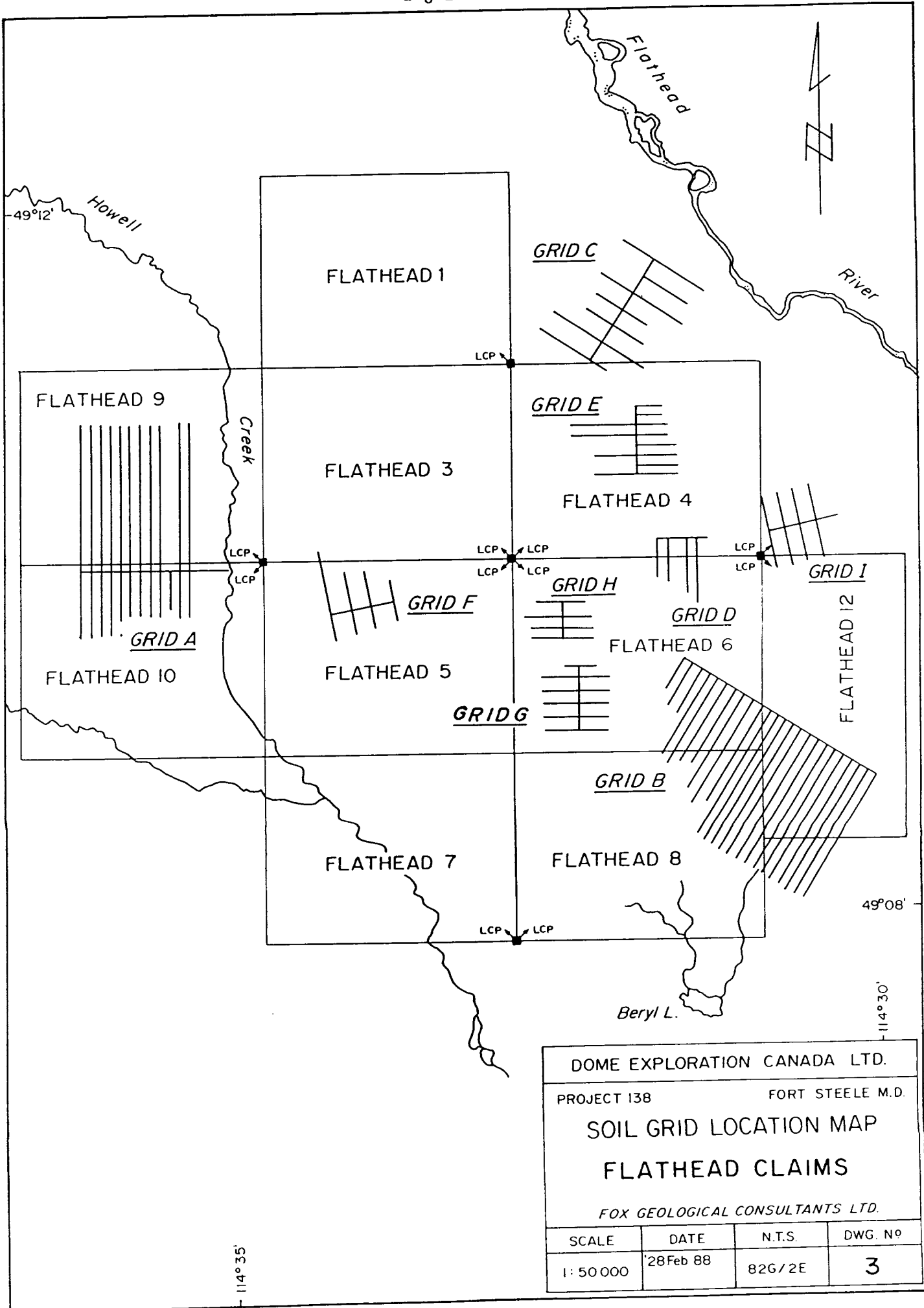
<u>Claim Name</u>	<u>Record #</u>	<u>Units</u>	<u>Group</u>	<u>Expiry Date</u>
Flathead 1	2253	20	A	September 20, 1997
Flathead 3	2255	20	A	September 29, 1997
Flathead 4	2256	20	B	September 20, 1993
Flathead 5	2257	20	A	September 20, 1997
Flathead 6	2258	20	B	September 20, 1994
Flathead 7	2259	20	B	September 20, 1994
Flathead 8	2260	20	B	September 20, 1994
Flathead 9	2261	20	A	September 20, 1997
Flathead 10	2262	20	A	September 20, 1997
Flathead 12	2264	18	B	September 20, 1994

Group A - 100 units

Group B - 98 units

1989 WORK PROGRAM

The 1989 drill program was completed between August 21, 1989 and September 18, 1989. A camp on Twenty-Nine Mile Creek, 20 kilometres northwest of Grid B was established as a base. Grid locations are summarized on Figure 3. The program consisted of drilling six NQwl holes comprising 886.5 metres on a soil and geophysical target delineated during previous work programs. Drilling was performed by J. T. Thomas Diamond Drilling of Smithers, B.C. using a Longyear 38 drill. Collar locations and hole lengths are given in Table I and a drill plan is given in Figure 5. All core was logged, split in half and sampled on one-metre intervals (longer intervals were sampled where recovery was poor). Core is stored at the campsite on Twenty-Nine Mile Creek on the Howell 3 claim. Samples were analyzed for gold by geochemical AA (atomic absorption) methods by Acme Analytical Laboratories, 852 East Hastings Street, Vancouver, B.C. Lab procedures are described in Appendix I.



DOME EXPLORATION CANADA LTD.			
PROJECT 138		FORT STEELE M.D.	
SOIL GRID LOCATION MAP			
FLATHEAD CLAIMS			
FOX GEOLOGICAL CONSULTANTS LTD.			
SCALE	DATE	N.T.S.	DWG. No
1: 50 000	28 Feb 88	82G/2E	3

Table I
Drill Collar Information

<u>Hole #</u>	<u>Location</u>	<u>Length</u>	<u>Dip</u>	<u>Azimuth</u>
FB1	90+00N 82+00E	151.2m	-50°	205°
FB2	89+25N 82+00E	130.2m	-50°	205°
FB3	90+25N 83+00E	145.4m	-50°	205°
FB4	90+25N 81+00E	163.7m	-50°	205°
FB5	89+50N 84+00E	124.4m	-50°	205°
FB6	90+75N 82+00E	151.5m	-50°	205°

GEOLOGY

The regional geology of the Flathead area taken from mapping by P. B. Jones and incorporating detailed mapping by Dome Exploration (Canada) Limited (now Placer Dome Inc.) appears in Figure 4 (pocket). Trachyte Ridge area is comprised of a thick series of Devonian (Palliser Formation) and Mississippian (Exshaw, Banff, Livingstone, Mt. Head and Etherington Formations) limestones, dolomites and black shales and Permo-Pennsylvanian (Rocky Mountain Formation) quartz arenites and dolomitic sandstones. Numerous small Cretaceous stocks of syenite composition have intruded and locally altered the enclosing sedimentary strata.

Grid B is located in the southeast corner of the Flathead claim block, centred on Flathead 6, 8 and 12 claims. It is established over a faulted sequence of Palliser Formation limestones, Exshaw Formation shales, Banff Formation limestones, Rundle Group limestones and Rocky Mountain Formation dolomitic quartz sandstones. A small syenite plug has intruded the Rundle Group limestones.

RESULTS

The six holes drilled in 1989 were to test a coincident gold in soil geochemical anomaly identified during previous work programs and a weak geophysical IP (induced polarization) anomaly identified in 1988. The geology of the drill holes is summarized below.

FB-1 (151.2m)

0-11.3	Overburden.
11.3-17.9	Black carbonaceous limestone (rare intrusive fragments).
17.9-93.5	Tan breccia unit. 0-5% pyrite commonly oxidized. Siltstone, sandstone and limestone fragments in a locally strongly clay-altered sandy matrix.
93.5-107.7	Intermediate dyke. Clayey, chloritic contacts, common disseminated magnetite, rare pyrite.
107.7-151.2	Limestone. Micritic to oolitic, massive, locally brecciated. Occasional cherty beds.

FB-2 (130.2m)

0-3.0	Overburden.
3.0-50.5	Tan breccia unit. Sandy limestone fragments in brown porous matrix.
50.5-56.1	Intermediate dyke. Clayey chloritic contacts rare pyrite.
56.1-85.6	Limestone. Fine to medium grained crystalline calcarenite. Brown, locally sheared, brecciated.
85.6-130.2	Limestone, locally cherty beds.

FB-3 (145.4m)

0-17.0	Overburden.
17.0-60.0	Limestone, brown-grey, massive, bedded, trace of disseminated pyrite.
60.0-68.9	Green shale. Sheared, locally clayey.
68.9-104.0	Limestone, brown-grey, locally green, occasional muddy beds, trace of pyrite, rare quartz stringers.
104.0-115.6	Green shale.
115.6-145.4	Limestone. Locally cherty.

FB-4 (163.7m)

0-16.5	Overburden.
16.5-32.0	Black shale (non-calcareous). Trace to 3% disseminated bedded? pyrite.
32.0-142.3	Tan breccia unit. Siltstone, quartzite, sandy dolomite, limestone massive to brecciated, moderately limonitic. Trace of pyrite.
142.3-145.7	Limestone. Massive, grey-brown silty limestone.
145.7-155.9	Intermediate dyke. Rare pyrite commonly chloritic.
155.9-163.7	Limestone. Grey-brown, locally cherty, commonly brecciated.

FB-5 (124.4m)

0-4.3	Overburden.
4.3-8.0	Limestone. Grey to black, massive.
8.0-28.6	Syenite. Green medium grained feldspar porphyritic intrusive.
28.6-56.7	Limestone, siltstone, fractured, locally gouge, weakly foliated.
56.7-106.9	Limestone. Micritic, locally cherty. Isolated limonitic gouge zones.
106.9-124.4	Limestone breccia. Locally massive cherty beds.

FB-6 (151.5m)

0-10.7	Overburden.
10.7-72.2	Tan breccia unit. Siltstone, limestone quartzite fragments in porous sandy matrix. Local gouge zones.
72.2-108.8	Grey limestone breccia.
108.8-117.6	Grey black carbonaceous limestone.
117.6-124.7	Limestone. Grey, white, massive.
124.7-131.0	Rubble.
131.0-151.5	Limestone. Grey to light brown, fine grained, isolated fossil fragments.

Drill records with results for selected analyses are given in Appendix I. Drill hole geology and gold analyses (in ppb) are summarized in four cross sections in Figure 6.

CONCLUSIONS AND RECOMMENDATIONS

Disseminated pyrite in a wide fault zone may be the cause of a weak IP anomaly identified in 1988. All six holes failed to intersect any significant gold tenor leaving the source of the strong geochemical gold soil anomaly unknown.

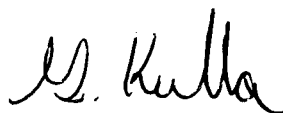
These six holes tested only a small portion of the soil grid, therefore road construction, trenching and drilling farther up the valley along the soil anomaly is recommended.

DISBURSEMENTS

Project disbursement for 1989 were \$47,461.40 for drilling 2,832 feet (886.5 metres) of NQwl core at a contract cost of \$16.70 per foot.

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



Greg K. Kulla, B.Sc.

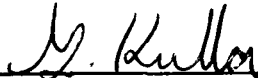


P. E. Fox, Ph.D., P.Eng.
December 15, 1989

CERTIFICATE

I, Greg K. Kulla, of the municipality of Surrey, B.C., do hereby certify that:

1. I graduated from the University of British Columbia in 1988 with a Bachelor of Science Degree in geology.
2. I have been practising my profession as a geologist since 1988.
3. Work was performed on the Flathead claims for the period specified in this report.



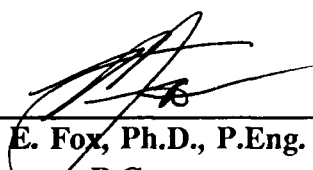
Greg K. Kulla, B.Sc.

December 15, 1989

CERTIFICATE

I, Peter Edward Fox, certify to the following:

1. I am a consulting geologist residing at 890 Farmleigh Road, West Vancouver, B.C.
2. I am a Professional Engineer registered in the Association of Professional Engineers in British Columbia.
3. My academic qualifications are:
B.Sc. and M.Sc., Queens University, Kingston, Ontario
Ph.D., Carleton University, Ottawa, Ontario
4. I have been engaged in geological work since graduation in 1966.



Peter E. Fox, Ph.D., P.Eng.
Vancouver, B.C.
December 15, 1989

A P P E N D I X I

Drill Records

Geochemical Analysis and Lab Procedures

Gold analysis by FA/ICP from 20 gram sample. ICP - .500 gram sample is digested with 3 ml 3-1-2 HCL-HN03-H20 at 95 degrees C for one hour and is diluted to 10 ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Au detection by ICP is 3 ppm. Sample type - core.

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks		
FBI	9000	8200	1634.8	205	50	151.2	NQWL	Logged by GK Sept. 6, 1989	#HOLE	
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
0 - 9.8	Casing		0	9.8						
9.8 - 11.3	Overburden	215425	9.8	15	5.2	1.64	20.67	2	0.7	13
11.3 - 17.9	CARBONACEOUS LIMESTONE	215426	15	16	1	2.93	13.57	2	0.7	16
	11.3-13.7 - clay gouge with 0.5-mm subangular grey and white chips in a grey-green calcareous clay matrix. Pyrite euhedra < 1mm disseminated to 5%.	215427	16	17	1	3.64	8	2	0.4	7
	13.7-17.9 - Sooty black carbonaceous limestone. Angular fragments < 3cm supported in matrix of similar composition, locally with calcite matrix. Lower contact is sharp, irregular and nonconformable with bedding of lower unit (40 degrees to core axis). Fine grain disseminated pyrite to 3% in matrix, rarely in fragments.	215428	17	18	1	1.22	18.96	2	0.1	4
		215429	18	19	1	0.47	17.46	1	0.1	2
		215430	19	20	1	0.7	14.25	1	0.1	6
		215431	20	21	1	1.04	13.15	2	0.1	7
		215432	21	22	1	1.96	6.26	2	0.1	6
		215433	22	23	1	0.78	9.2	1	0.1	1
		215434	23	26	3	0.72	8.76	0	0.1	9
		215435	26	28	2	0.56	6.95	0	0.1	5
		215436	28	29	1	0.34	11.54	0	0.1	4
		215437	29	30	1	0.52	12.33	0	0.1	5
17.5 - 93.5	TAN BRECCIA	215438	30	31	1	3.69	2.63	0	0.1	7
	17.9-20.2 - Grey silty thinly bedded limestone (40-45 degrees to core axis). Sheared, fractured, crosscut by irregular calcite veins with rare yellow-olive green epidote? Local clay rich breccia in carbonaceous zones	215439	31	32	1	4.17	1.65	0	0.1	5
	20.2-22.4 - Grey siltstone breccia with subangular subrounded siltstone fragments < 4cm in a grey clay rich weakly calcareous matrix with fine disseminated pyrite to 3%. Sharp oxidation front crosscutting fragments	215440	32	34	2	1.08	6.43	0	0.1	6
	21.8m.	215441	34	35	1	0.62	4.55	0	0.3	10
	22.4-29.7 - Clast supported tan sandy limestone breccia. Matrix is granular, weakly calcareous and locally clay rich. Fractures and fragments are lined with light orange limonite. Bedding (50 degrees to C.A.) occasionally continuous across fragments (no rotation). Common vugs and rare pyrite.	215442	35	36	1	0.52	5.85	0	0.1	5
	29.7-32.6 - Gouge - intensely clay altered tan breccia	215443	36	37	1	0.46	9.33	0	0.1	7
	32.6-55.5 - Tan sandy limestone breccia as above. Fragments vary from 2-3cm equidimensional subangular to 8-10cm digit like splinters. Unit is gradually becoming harder more competent rock.	215444	37	38	1	0.45	7.65	0	0.2	5
	55.5-64.6 - Rubble zone of hard fine grain quartzite or silicified limestone. Limonite pervasive and still common on fractures	215445	38	39	1	0.46	6.46	0	0.1	4
	64.6-70.0 - Larger occasionally cherty fragments. 2cm zone of limonitic clay at 65m. Common calcite veinlets	215446	39	40	1	0.37	11.94	0	0.1	1
	70.0-76.7 - Tan breccia as above. Bedding is now randomly oriented. Weak to moderate limonite, only locally very orange/rusty coloured	215447	40	41	1	0.37	13.08	0	0.1	1
	76.7-80.4 - As above - matrix is very clay rich, moderately to strongly limonitic. Occasional oxidized pyrite chips < 1cm, 0-trace disseminated pyrite.	215448	41	42	1	0.48	8.06	0	0.1	1
	80.4-83.7 - as above - grey unoxidized with < 3% disseminated fine grain disseminated pyrite euhedra in matrix.	215449	42	43	1	0.63	5.11	0	0.1	1
	83.7-90.0 - Tan breccia grades downwards into harder less clay rich siltstone breccia with common calcite lined vugs and weak to moderate limonite.	215450	43	44	1	0.6	5.62	0	0.1	3
		215451	44	45	1	0.65	5.04	0	0.1	1
		215452	45	46	1	0.69	6.57	0	0.1	2
		215453	46	47	1	0.52	8.63	0	0.2	1
		215454	47	48	1	0.55	6.82	0	0.1	1
		215455	48	49	1	0.58	6.57	0	0.1	1
		215456	49	50	1	0.55	8.15	0	0.1	3
		215457	50	51	1	0.54	7.07	0	0.5	1
		215458	51	52	1	0.62	4.64	0	0.1	1
		215459	52	53	1	0.52	6.36	0	0.3	3
		215460	53	54	1	0.52	6.37	0	0.2	2
		215461	54	55	1	0.51	7.07	0	0.2	5
		215462	55	60	5	0.75	6.74	0	0.4	7
		215463	60	65	5	0.99	12.67	0	0.5	6
		215464	65	66	1	0.41	22.31	0	0.1	4
		215465	66	68	2	0.81	18.67	0	0.9	8
		215466	68	69	1	0.4	16.85	0	0.3	4
		215467	69	70	1	0.46	20.18	0	1.7	3
		215468	70	71	1	0.25	16	0	1	2
		215469	71	72	1	0.19	15.2	0	1.2	8
		215470	72	73	1	0.16	14.19	0	0.2	2
		215471	73	74	1	0.16	15.93	0	0.3	1
		215472	74	76	2	0.46	13.8	0	0.3	2
		215473	76	77	1	0.65	11.72	0	0.4	5
		215474	77	78	1	1.73	7.26	0	0.3	3
		215475	78	79	1	1.49	4.18	1	0.4	4

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks			
FB1	9000	8200	1634.8	205	50	151.2	NQWL	Logged by GK Sept. 6, 1989	#HOLE		
RANGE	DESCRIPTION		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	This unit grades into a grey-green clay rich breccia/ gouge with siltstone and intermediate intrusive fragments.		215476	79	80	1	4.31	6.79	0	0.5	2
			215477	80	81	1	1.95	4.95	1	0.3	1
			215478	81	82	1	1.22	5.67	1	0.1	4
			215479	82	83	1	0.62	8.76	1	0.2	1
			215480	83	84	1	0.66	10.12	1	0.1	1
			215481	84	85	1	0.4	19.59	1	0.1	1
			215482	85	87	2	0.3	14.02	1	0.1	2
			215483	87	88	1	0.14	19.56	1	0.1	2
			215484	88	89	1	0.14	21.45	1	0.1	1
			215485	89	90	1	0.42	20.03	2	0.1	2
			215486	90	91	1	3.38	4.35	2	0.1	2
			215487	91	92	1	3.02	7.16	2	0.2	1
			215488	92	93	1	3.26	7.92	2	0.2	2
			215489	93	94	1	3.75	5.74	2	0.2	2
93.5 - 107.7	INTERMEDIATE ALTERED DYKE		215490	94	95	1	3.37	6.3	1	0.1	1
	Upper contact is obscured in gouge from 93.5 to 96.0		215491	95	96	1	3.93	2.13	1	0.1	2
	96.0-105.5 - Green medium grain intermediate dyke.		215492	96	97	1	4.17	0.73	0	0.1	1
	Weakly to moderately aligned feldspar laths < 2mm to		215493	97	98	1	4.28	1.03	0	0.1	4
	30%, anhedral dark green pyroxenes < 1mm to 10%,		215494	98	99	1	3.97	2.48	0	0.1	2
	magnetite blebs < 2MM to 10% in a green-grey ground-		215495	99	100	1	3.85	4.23	0	0.1	1
	mass. Abundant crosscutting irregular calcite veins		215496	100	101	1	4.07	2.71	0	0.1	2
	and chlorite common on fractures. Trace disseminated		215497	101	102	1	4.09	2.84	0	0.1	1
	pyrite		215498	102	103	1	4.02	3.44	0	0.1	1
	105.5-107.7 - very clay rich green gouge. Lower contact		215499	103	104	1	3.76	3.66	0	0.1	1
	is sharp approximately 70 degrees to C.A.		215500	104	105	1	3.02	6.29	0	0.2	1
			215501	105	106	1	3.79	5.88	0	0.3	1
			215502	106	107	1	3.52	3.79	0	0.1	1
107.7-151.2	LIMESTONE BRECCIA/MASSIVE LIMESTONE		215503	107	108	1	0.42	30.26	0	0.1	2
	Angular limestone fragments in a limy matrix grades		215504	108	109	1	0.09	23.46	0	0.1	1
	downwards into a massive unit with clasts or pods of		215505	109	110	1	0.06	22.26	0	0.3	6
	broken chert and occasional vugs. Fractures are		215506	110	111	1	0.5	29.15	0	0.3	2
	limonitic after 115m. Common irregular calcite veinlets		215507	111	112	1	0.11	37.13	0	0.3	2
	occur with stylolites often perpendicular to C.A.		215508	112	113	1	0.18	29.26	0	0.1	5
	Limestone is locally oolitic.		215509	113	114	1	0.22	29.41	0	0.4	3
	117.7-121.7 - Micritic limestone with 20cm of gouge		215510	114	115	1	0.17	36.43	0	0.4	1
	at 119.6m		215511	115	116	1	0.27	31.87	0	0.5	2
	121.7-123.0 - Oolitic calcarenite		215512	116	117	1	0.13	35.06	0	0.7	2
	124.0 - 15cm of limonitic clay gouge		215513	117	118	1	0.14	22.76	0	0.2	2
			215514	118	119	1	0.16	21.46	0	0.4	1
			215515	119	120	1	0.44	18.36	0	0.6	9
			215516	120	121	1	0.06	28.76	0	0.3	5
			215517	121	122	1	0.07	31.86	0	0.3	4
			215518	122	123	1	0.03	34.34	0	0.3	5
	123.0-136.6 - Grey limestone, locally cherty. Common		215519	123	124	1	0.19	28.63	0	0.2	1
	intraformational chert/limestone breccia. Weak		215520	124	125	1	0.21	30.13	0	0.2	2
	foliation perpendicular to core axis.		215521	125	126	1	0.02	38.19	0	0.1	5
			215522	126	127	1	0.03	38.67	0	0.3	1
			215523	127	128	1	0.06	33.81	0	0.1	1
			215524	128	129	1	0.22	23.79	0	0.2	1
			215525	129	130	1	0.15	34.51	0	0.5	3
			215526	130	131	1	0.07	35.68	0	0.1	2
			215527	131	132	1	0.03	35.09	0	0.2	5

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks					#HOLE
FBI	9000	8200	1634.8	205	50	151.2	NQWL	Logged by GK Sept. 6, 1989					
RANGE	DESCRIPTION		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)		
			215528	132	133	1	0.09	24.28	0	0.1	4		
			215529	133	134	1	0.15	32.78	0	0.4	5		
			215530	134	135	1	0.09	22.35	0	0.1	1		
			215531	135	136	1	0.16	31.37	0	0.1	4		
	136.6-142.6 - Micritic and silty limestone grades into a coarse calcarenite.		215532	136	137	1	0.13	26.87	0	0.1	1		
			215533	137	138	1	0.14	30.94	0	0.2	1		
			215534	138	139	1	0.53	19.75	0	0.2	3		
			215535	139	140	1	0.04	34.8	0	0.1	3		
			215536	140	141	1	0.09	24.78	0	0.1	1		
			215537	141	142	1	0.03	31.38	0	0.3	1		
	142.6-144.8 - Green locally clay rich fractured non-calcareous siltstone.		215538	142	143	1	0.62	23.2	0	0.4	1		
			215539	143	144	1	1.2	11.95	0	0.1	1		
			215540	144	145	1	1.23	14.64	0	0.3	1		
	144.8-151.1 - Grey-brown micritic limestone.		215541	145	146	1	0.18	33.42	0	0.2	4		
			215542	146	147	1	0.03	39.05	0	0.2	1		
	151.1-151.2 - EOH - Green siltstone as above		215543	147	148	1	0.02	39.6	0	0.1	1		
	Trace of pyrite through out 107.7m-151.2m occurring along fractures or as completely oxidized euhedra < 1mm.		215544	148	149	1	0.19	27.47	0	0.1	1		
			215545	149	150	1	0.28	26.02	0	0.1	1		
			215546	150	151.2	1.2	0.26	26.68	0	0.1	4		

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE	
FB2	8925	8200	1668.4	205	50	130.2	NQWL	Logged by RC Sept. 9, 1989		
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
0 - 3.0	CASING		0	3						
3.0 - 50.5	TAN BRECCIA	215765	3	5	2	0.44	11.67	0	0.1	1
	Light brown/tan to orange tan breccia. Mostly healed, competent, locally friable and broken. Composed of angular to rounded clasts of fine crystalline tan coloured silty limestone. Some fragments non-calcareous in porous tan calcareous matrix/cement. Red limonite as isolated clots locally cubic pseudomorphs after pyrite? and as irregular veinlets and fracture coatings.	215766	5	6	1	0.45	9.37	0	0.1	5
		215767	6	7	1	0.54	6.57	0	0.2	1
		215768	7	8	1	0.46	8.91	0	0.1	3
		215769	8	10	2	0.48	7.59	0	0.1	1
		215770	10	11	1	0.49	9.13	0	0.1	8
		215771	11	12	1	0.49	8.65	0	0.1	3
		215772	12	14	2	0.57	6.93	0	0.1	2
		215773	14	17	3	0.67	8.29	0	0.2	5
		215774	17	18	1	0.55	13.3	0	0.2	4
		215775	18	20	2	0.48	14.62	0	1.6	7
		215776	20	22	2	0.4	16.18	0	1	8
		215777	22	23	1	0.77	15.87	0	0.3	1
		215778	23	26	3	0.18	15.45	0	0.3	5
	26.5m - Rubble zone with core loss. Block says "squeeze clay"	215779	26	27	1	0.19	13.51	0	0.6	8
		215780	27	28	1	0.13	20.07	0	0.1	1
		215781	28	29	1	0.29	12.12	0	0.3	4
		215782	29	30	1	0.54	9.16	0	0.1	6
		215783	30	31	1	0.3	10.02	0	0.1	1
		215784	31	32	1	0.31	16.9	0	0.2	2
	33.2-33.6 - Irregular calcite, organic veinlet.	215785	32	33	1	0.59	15.19	0	0.1	5
	34.1-36.8 - Compact brown gouge with clasts of green shale and silty limestone.	215786	33	34	1	0.28	18.4	0	0.1	2
		215787	34	35	1	0.89	3.98	0	0.1	1
		215788	35	36	1	1.6	1.65	0	0.1	4
		215789	36	37	1	1.02	11.08	0	0.1	1
		215790	37	38	1	0.43	15.45	0	0.1	1
	38.4 - Friable rubble zone with core loss.	215791	38	42	3	0.12	18.16	0	0.1	5
		215792	42	43	1	0.13	16	0	0.1	4
	44.5 - Brown clay gouge.	215793	43	44	1	0.48	15.71	0	0.1	4
		215794	44	45	1	0.27	13.49	0	0.1	2
		215795	45	46	1	0.4	18	0	0.1	3
		215796	46	47	1	0.19	17.92	0	0.1	2
	47.2 - 15cm of friable rubble with core loss	215797	47	48	1	0.47	14.01	0	0.4	1
	47.5-48.3 - Foliated dark grey gouge with rounded limestone clasts - foliated 45 degrees to core axis.	215798	48	49	1	0.2	24.08	0	0.1	2
	49.1-50.5 - Black fine crystalline limestone.	215799	49	50	1	0.15	30.46	1	0.1	2
50.5 - 56.1	GREEN SHEARED SYENITE DYKE	215800	50	51	1	0.14	28.76	1	0.3	4
	Green very chloritic and sheared with more competent core. Porphyritic with 20% white lath shaped feldspar and 10% tiny equant aegirine augite. Weakly magnetic.	215801	51	52	1	3.58	1.93	0	0.3	5
		215802	52	53	1	3.1	8.16	0	0.1	2
		215803	53	54	1	3.5	4.13	0	0.1	3
		215804	54	55	1	2.91	5.18	0	0.3	5
	Gouge from 50.5-52.5 and 55.5-56.1	215805	55	56	1	1.86	6.01	0	0.1	5
56.1 - 85.6	LIMESTONE/LIMESTONE BRECCIA	215806	56	57	1	5.24	4.42	1	0.2	3
	Grey to beige fine crystalline to medium crystalline calcarenite, intact healed breccias and friable fracture zones. Angular clasts cemented by dull white/beige calcite, local calcite veins, open vugs to 1cm locally lined by calcite crystals.	215807	57	58	1	0.84	25.1	1	0.1	1
		215808	58	59	1	0.47	30.25	0	0.1	3
		215809	59	60	1	0.07	30.52	0	0.3	3
		215810	60	61	1	0.01	39.73	0	0.2	2
		215811	61	62	1	0.01	36.76	0	0.3	2
	56.1-58.0 - very sheared black carbonaceous gouge, trace of pyrite.	215812	62	63	1	0.03	36.66	0	0.1	2
		215813	63	64	1	0.02	32.85	0	0.1	3
	74.0 - remnant bedding 65 degrees to core axis	215814	64	65	1	0.03	28.61	0	0.3	2
		215815	65	66	1	0.02	34.09	0	0.1	1

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks			
FB2	8925	8200	1668.4	205	50	130.2	NQWL	Logged by RC Sept. 9, 1989	#HOLE		
RANGE	DESCRIPTION		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
			215816	66	68	2	0.02	31.15	0	0.2	6
			215817	68	69	1	0.03	27.31	0	0.3	5
			215818	69	70	1	0.04	27.22	0	0.1	5
			215819	70	72	2	0.06	28.21	0	0.1	17
			215820	72	73	1	0.06	26.07	0	0.1	8
			215821	73	74	1	0.04	29.08	0	0.1	3
			215822	74	75	1	0.05	27.76	0	0.1	1
			215823	75	76	1	0.04	28.43	0	0.2	2
			215824	76	77	1	0.05	27.52	0	0.1	2
			215825	77	78	1	0.01	31.32	0	0.3	7
			215826	78	79	1	0.02	31.38	0	0.1	2
			215827	79	80	1	0.01	35.39	0	0.2	5
			215828	80	81	1	0.01	35	0	0.2	27
			215829	81	82	1	0.03	30.46	0	0.1	8
			215830	82	83	1	0.02	33.81	0	0.1	36
			215831	83	84	1	0.01	36.52	0	0.1	1
			215832	84	85	1	0.01	34.44	0	0.1	1
85.6 - 130.2	LIMESTONE		215833	85	86	1	0.01	36.11	0	0.3	4
	Grey light beige weakly bedded to massive fine crystalline to calcarenitic. Bedding 45 degrees to core axis at 102m		215834	86	87	1	0.01	32.78	0	0.1	6
	Open vugs through out. Minor dark grey cherty beds.		215835	87	88	1	0.01	36.76	0	0.4	5
			215836	88	89	1	0.01	35.75	0	0.1	2
			215837	89	90	1	0.01	38.98	0	0.2	1
			215838	90	91	1	0.01	38.7	0	0.3	2
			215839	91	92	1	0.01	36.63	0	0.1	2
			215840	92	93	1	0.01	38.73	0	0.1	1
			215841	93	94	1	0.01	39.67	0	0.4	5
			215842	94	95	1	0.02	34.39	0	0.1	4
			215843	95	96	1	0.01	39.38	0	0.3	3
			215844	96	97	1	0.01	38.16	0	0.2	34
			215845	97	98	1	0.01	34.17	0	0.4	27
			215846	98	99	1	0.01	35.14	0	0.2	14
			215847	99	100	1	0.01	38.53	0	0.2	75
			215848	100	101	1	0.01	38.67	0	0.1	35
			215849	101	102	1	0.01	38.3	0	0.2	13
			215850	102	103	1	0.01	37.52	0	0.1	12
			215851	103	104	1	0.04	35.2	0	0.3	4
			215852	104	105	1	0.02	36.07	0	0.1	20
			215853	105	106	1	0.02	34.58	0	0.3	12
			215854	106	107	1	0.02	35.74	0	0.4	29
			215855	107	108	1	0.01	34.3	0	0.3	44
			215856	108	109	1	0.02	31.81	0	0.1	1
			215857	109	110	1	0.02	32.69	0	0.1	19
			215858	110	111	1	0.02	32.33	0	0.3	1
			215859	111	112	1	0.02	33.35	0	0.4	15
			215860	112	113	1	0.05	26.66	0	0.3	206
			215861	113	114	1	0.01	32.28	0	0.1	4
			215862	114	115	1	0.02	29.11	0	0.2	4
			215863	115	116	1	0.01	34.81	0	0.3	4
			215864	116	117	1	0.01	27.19	0	0.1	12
			215865	117	118	1	0.01	34.77	0	0.1	5
			215866	118	119	1	0.01	32.51	0	0.4	9
			215867	119	120	1	0.01	33.32	0	0.2	221

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE		
FB2	8925	8200	1668.4	205	50	130.2	NQWL	Logged by RC Sept. 9, 1989			
RANGE	DESCRIPTION		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	122.5-124.0 - carbonaceous rich zone. Wispy black carbon to 2%		215868	120	121	1	0.01	32.4	0	0.1	11
			215869	121	122	1	0.01	33.47	0	0.3	37
			215870	122	123	1	0.01	34.76	0	0.1	4
			215871	123	124	1	0.01	36.08	0	0.1	56
			215872	124	125	1	0.06	28.47	0	0.4	4
			215873	125	126	1	0.09	24.53	0	0.2	3
			215874	126	127	1	0.09	26.51	0	0.1	3
			215875	127	128	1	0.11	23	0	0.2	12
	129.0-130.1 - limonite clots.		215876	128	129	1	0.1	23.88	0	0.1	4
			215877	129	130.2	1	0.1	26.23	0	0.3	26

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE	
FB3	9025	8300	1665.3	205	50	145.4	NQWL	Logged by GK Sept. 8, 1989		
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
0 - 17.0	CASING		0	17						
17.0 -60.0	LIMESTONE	215640	17	18	1	0.37	27	1	0.1	3
	Grey-brown and brown fine grained massive and bedded limestone. Bedding 30-35 degrees to core axis. Fractures moderately to weakly limonitic. Occasional calcareous chert beds. trace of very fine disseminated pyrite. Limonite decreasing with depth.	215641	18	19	1	0.06	33.46	1	0.1	41
		215642	19	20	1	0.02	39.48	1	0.1	23
		215643	20	21	1	0.03	38.39	1	0.1	11
		215644	21	23	2	0.13	23.25	1	0.1	1
		215645	23	24	1	0.09	28.65	1	0.1	96
		215646	24	25	1	0.53	16.33	1	0.1	3
	25.0-25.5 - Brown-green soft mudstone or gouge	215647	25	26	1	0.89	17.71	1	0.4	1
	25.9-26.0 - Brown fine grained bedded limestone with common oxidized pyrite blebs parallel to bedding.	215648	26	27	1	0.5	26.81	1	0.2	11
		215649	27	28	1	0.16	31.84	1	0.1	1
	26.0-29.3 - Calcarenite.	215650	28	29	1	0.09	33.67	1	0.1	5
		215651	29	30	1	0.06	37.08	1	0.2	3
		215652	30	31	1	0.02	38.45	1	0.1	16
		215653	31	32	1	0.02	39.76	1	0.2	4
	32.3-35.7 - Coarse clear calcite lenses parallel to bedding.	215654	32	35	3	0.08	32.02	1	0.1	2
		215655	35	36	1	0.12	31.62	1	0.5	1
	35.7-39.0 - Calcarenite.	215656	36	37	1	0.44	21.84	1	0.1	4
		215657	37	38	1	0.03	38.45	1	0.1	2
		215658	38	39	1	0.06	38.43	1	0.1	1
	39.0-41.2 - Brown-green muddy limestone. Weakly bedded 30-40 degrees to core axis. Common rusty patchy pyrite parallel bedding.	215659	39	40	1	0.7	18.66	1	0.2	2
		215660	40	41	1	1.28	5.92	1	0.5	1
		215661	41	42	1	0.32	14.58	1	0.2	2
	41.2-45.0 - Well bedded(45 degrees to C.A.) fine grained grey limestone with interbedded calcareous chert.	215662	42	43	1	0.09	32.49	1	0.1	7
		215663	43	44	1	0.07	30.36	1	0.3	6
	Limestone around chert often shows a light tan coloured alteration up to 3mm wide. Fractures are limonitic.	215664	44	45	1	0.2	30.01	1	0.1	5
	45.0-47.6 - Calcarenite. Bedding crosscut by grey-white coarse calcite. Rare stylolites parallel to bedding.	215665	45	46	1	0.07	34.27	1	0.4	36
		215666	46	47	1	0.04	35.32	1	0.2	12
		215667	47	48	1	0.12	24.06	1	0.1	36
	47.6-51.9 - Fine grained brown-grey limestone grades quickly into brown-green muddy limestone with bedding 40 degrees to core axis. Occasional limonitic pyrite cubes < 1cm. At 50.3m oxidized pyrite cube is crosscut by white calcite vein. 50.9-51.9 - muddy clay gouge moderately calcareous	215668	48	49	1	0.3	19.82	1	0.2	76
		215669	49	50	1	0.78	10.97	1	0.1	1
		215670	50	51	1	0.46	20.92	1	0.2	19
		215671	51	52	1	1.23	23.76	1	0.2	15
		215672	52	53	1	0.2	33.15	1	0.1	10
		215673	53	54	1	0.03	28.22	1	0.1	5
	51.9-57.8 - medium grained grey-brown limestone	215674	54	55	1	0.06	27.51	1	0.2	1
		215675	55	56	1	0.03	27.34	1	0.2	1
		215676	56	57	1	0.06	23.24	1	0.1	7
		215677	57	58	1	0.15	32.44	1	0.2	2
	57.9-60.0 - Brown oxidized weakly calcareous siltstone with limonite on fractures.	215678	58	59	1	0.59	17.29	1	0.2	2
		215679	59	60	1	1.82	8.14	3	0.6	2
60.0 -68.9	GREEN SHALE	215680	60	61	1	1.6	7.64	3	0.7	108
	Sharp sheared? chloritic upper contact 45 degrees to core axis. Grades downward from non-calcareous shale to interbedded limestone and calcareous shale, commonly crosscut by irregular calcite veins. Fine grained wispy pyrite parallel to bedding and very fine disseminated pyrite to 3%.	215681	61	62	1	1.24	12.29	3	0.2	21
		215682	62	63	1	1.28	12.23	3	0.4	10
		215683	63	64	1	1.34	12.82	3	0.6	12
		215684	64	65	1	1.37	14.43	3	0.2	1
		215685	65	66	1	1.03	19.55	3	0.2	131
		215686	66	67	1	1.06	17.26	3	0.2	60
	60.1 - Clay gouge	215687	67	68	1	1.85	7.6	3	0.2	101
	67.5 - Clay gouge	215688	68	69	1	2.45	4.29	3	0.9	18
68.9-104.0	LIMESTONE	215689	69	70	1	1.24	14.86	1	0.2	14
	As above not as fractured	215690	70	71	1	0.46	20.3	1	0.1	2

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks		
FB3	9025	8300	1665.3	205	50	145.4	NQWL	Logged by GK Sept. 8, 1989	#HOLE	
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	68.9-70 - Brown-green oxidized limestone/siltstone. Sheared and brecciated, commonly crosscut by irregular calcite veins. Local fractured cherty breccia.	215691	71	72	1	0.27	27.83	1	0.1	1
		215692	72	73	1	0.05	38.26	1	0.2	2
		215693	73	74	1	0.04	38.8	1	0.2	12
	70.0-76.0 - Brown oxidized breccia grades into fine grained grey limestone. Open fractures are lined with calcite commonly coated with orange brown limonite. Very weakly disseminated with fine pyrite.	215694	74	75	1	0.04	38.6	1	0.2	5
		215695	75	76	1	0.03	38.17	1	0.1	4
		215696	76	77	1	0.02	38.61	1	0.2	2
		215697	77	78	1	0.03	39.27	1	0.4	1
	76.0-80.6 - Calcarenite (as above) Open fractures lined with calcite and rare to no limonite.	215698	78	79	1	0.01	39.13	1	0.1	2
		215699	79	80	1	0.02	39.18	1	0.1	2
	80.6-86.0 - Muddy fine grained locally oxidized limestone. Limonitic fractures common. Locally brecciated. locally bedded (30 degrees to C.A. sheared?) Stylolites parallel to bedding.	215700	80	81	1	0.15	27.3	1	0.3	8
		215701	81	82	1	0.3	21.83	1	0.1	5
		215702	82	83	1	0.35	26.74	1	0.1	2
		215703	83	84	1	0.18	37.76	1	0.3	1
		215704	84	85	1	0.07	37.36	1	0.1	2
		215705	85	86	1	0.44	27.16	1	0.1	1
	85.8 - Gummy pyritic shear.	215706	86	87	1	0.64	27.54	1	0.1	4
	86.0 - Green calcareous gouge.	215707	87	88	1	0.66	21.44	1	0.1	2
	86.0-93.7 - Grey fine grained limestone interbedded with green shale. Hard grey limestone with chert rich zones common. Quartz stringers? at 90.5m. Grades into irregular sub-rounded limestone fragments in a green locally clay rich shale matrix.	215708	88	89	1	0.84	19.7	1	0.1	3
		215709	89	90	1	0.54	20.81	1	0.1	2
		215710	90	91	1	0.43	30.83	1	0.3	2
		215711	91	92	1	0.77	27.48	1	0.1	2
		215712	92	93	1	1.06	24.32	1	0.1	1
	93.7-104.0 - Grey calcarenite with common open fractures lined with calcite often coated with limonite. Very coarse calcite at 94.6m. Bedding at 103.6m 30 degrees to core axis.	215713	93	94	1	1.33	19.03	1	0.2	1
		215714	94	95	1	0.17	35.5	1	0.1	1
		215715	95	96	1	0.49	22.11	1	0.1	2
		215716	96	97	1	0.25	27.75	1	0.2	1
		215717	97	98	1	0.05	39.81	1	0.1	1
		215718	98	99	1	0.05	39.98	1	0.1	2
		215719	99	100	1	0.1	38.19	1	0.1	1
		215720	100	101	1	0.17	37.19	1	0.1	5
		215721	101	102	1	0.19	35.74	1	0.2	3
		215722	102	103	1	0.1	38.5	1	0.1	3
		215723	103	104	1	0.49	26.27	1	0.1	2
104.0-115.6	GREEN SHALE (with interbedded limestone) Bedding 30-40 degrees to C.A.	215724	104	105	1	0.98	14.72	1	0.1	1
		215725	105	106	1	0.69	25.55	1	0.1	1
		215726	106	107	1	0.88	25.2	1	0.2	1
	107.0-112.0 - Limestone (white calcarenite) fragments in a green soft sheared calcareous shale matrix.	215727	107	108	1	0.86	27.41	1	0.1	4
		215728	108	109	1	1.01	24.71	1	0.2	1
	107.0-115.6 - Bedding is sheared, discontinuous approximately 10-20 degrees to C.A.. Lower shale contact is 30-35 degrees to C.A..	215729	109	110	1	1.37	14.57	1	0.1	1
		215730	110	111	1	0.68	26.16	1	0.1	3
		215731	111	112	1	1.06	22.75	1	0.1	3
		215732	112	113	1	0.74	28.77	1	0.1	3
		215733	113	114	1	1.68	6.03	1	0.1	5
115.6-145.4	LIMESTONE	215734	114	115	1	1.38	18.32	1	0.2	7
	115.6-130.5 - Grey calcarenite with moderately limonitic fractures.	215735	115	116	1	0.8	28.23	1	0.1	3
		215736	116	117	1	0.21	38.05	1	0.1	2
		215737	117	118	1	0.18	37.79	1	0.1	1
		215738	118	119	1	0.1	39.01	1	0.2	2
		215739	119	120	1	0.03	39.42	1	0.1	7
		215740	120	121	1	0.01	39.44	1	0.1	3
		215741	121	122	1	0.01	39.15	1	0.1	4
		215742	122	123	1	0.04	39.1	1	0.1	3

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE		
FB3	9025	8300	1665.3	205	50	145.4	NQWL	Logged by GK Sept. 8, 1989			
RANGE	DESCRIPTION		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
			215743	123	124	1	0.05	39.56	1	0.2	3
			215744	124	125	1	0.01	39.74	1	0.1	6
			215745	125	126	1	0.01	39.91	1	0.2	2
			215746	126	127	1	0.01	39.9	1	0.1	4
			215747	127	128	1	0.01	39.52	1	0.1	2
			215748	128	129	1	0.09	39.18	1	0.1	3
			215749	129	130	1	0.09	38.42	1	0.1	1
	130.5-136.6 - Grey fine grained limestone, locally cherty with moderately to weakly limonitic fractures. Stylolites randomly oriented, commonly oblique to C.A. Rare disseminated fine grained pyrite. Occasional limonitic cubes < 5mm.		215750	130	131	1	0.17	35.18	1	0.3	2
			215751	131	132	1	0.08	39.09	1	0.1	2
			215752	132	133	1	0.02	39.97	1	0.1	11
			215753	133	134	1	0.03	39.93	1	0.3	1
			215754	134	135	1	0.02	39.42	1	0.1	2
			215755	135	136	1	0.02	39.12	1	0.1	1
	136.6-142.0 - Chert/limestone rubble. Orange muddy gouge at 137.1-137.5m.		215756	136	137	1	0.04	31.45	1	0.1	1
			215757	137	138	1	0.3	33.95	1	0.1	2
			215758	138	139	1	0.21	32.54	1	0.1	2
			215759	139	140	1	0.03	34.77	1	0.1	4
			215760	140	141	1	0.01	39.2	1	0.2	1
			215761	141	142	1	0.02	39.63	1	0.1	1
	142.0-145.4 - Dominantly chert		215762	142	143	1	0.21	23.45	1	0.2	1
	144.0-144.8 - Limestone fragments in green-brown muddy matrix.		215763	143	144	1	0.2	20.39	1	0.1	1
			215764	144	145.4	1.4	0.64	17.84	1	0.1	2

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE	
FB4	9025	8100	1616.5	205	50	163.7	NQWL	Logged by GK Sept. 7, 1989		
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
0 - 16.5	CASING		0	16.5						
16.5 - 32.0	BLACK SHALE (non-calcareous)	215547	16.5	18	1.5	2.68	5.31	3	0.1	7
	Well bedded, gently folded, commonly brecciated.	215548	18	19	1	3.11	4.08	3	0.1	5
	Angular fragments of black shale in matrix of small	215549	19	20	1	3.81	3.89	3	0.2	6
	shale chips. Bedding is oblique to core axis, fold	215550	20	21	1	3.04	7.04	3	0.1	7
	axis at 23.8m perpendicular to core axis. Trace to 1%	215551	21	22	1	3.21	3.74	3	0.1	9
	pyrite through out, locally to 5%.	215552	22	23	1	3.44	3.1	3	0.3	7
	22.0-22.4 - Grey-green massive siltstone. Upper contact	215553	23	24	1	2.39	4.88	3	0.1	5
	sharp, irregular 70 degrees to C.A. and grades sharply	215554	24	25	1	2.37	4.53	3	0.1	6
	downwards into orange limonitic siltstone. Lower contact	215555	25	26	1	2.24	4.96	3	0.1	2
	grades sharply into black shale breccia.	215556	26	27	1	2.57	4.41	3	0.1	4
	29.2-32.0 - As above grey-green siltstone grades sharply	215557	27	28	1	2.98	3.64	3	0.1	1
	into limonitic siltstone. Orange clay rich breccia gouge	215558	28	29	1	3.58	3.75	3	0.1	15
	at 29.7-32.0. 3-5% fine grain disseminated pyrite in	215559	29	30	1	2.78	4.83	3	0.1	5
	unoxidized zones.	215560	30	32	2	4.15	1.2	3	0.1	8
32.0 -142.3	SANDY DOLOMITE/SILTSTONE-LIMESTONE BRECCIA	215561	32	37	5	0.26	19.36	1	0.1	5
	Brown-grey massive vuggy limestone grades into a tan	215562	37	39	2	0.25	22.28	3	0.1	3
	sandy limestone breccia at 38.0m (poor recovery). Trace	215563	39	42	2	0.25	13.64	0	0.1	4
	to 1% oxidized disseminated pyrite euhedra <1mm.	215564	42	45	3	0.83	12.6	0	0.3	5
	38.6 - Strongly calcareous vuggy limestone with deep	215565	45	46	1	0.54	7.47	0	0.2	3
	orange coloured limonite on fractures and lining some	215566	46	47	1	0.3	15.29	0	0.2	6
	cavities.	215567	47	48	1	0.33	10.34	0	0.1	12
	38.7-52.1 - Tan sandy limestone breccia with angular	215568	48	49	1	0.27	8.61	0	0.1	8
	coarse limestone fragments in a grey-brown granular	215569	49	50	1	0.35	11.65	0	0.2	15
	groundmass. Limonite common on fractures and rimming	215570	50	52	2	0.54	6.23	0	0.2	6
	fragments. Local chert breccia. Matrix is locally very	215571	52	57	5	0.52	1.11	0	0.3	2
	clay rich. 43.0-44.0m angular rubble of strongly	215572	57	61	4	0.48	0.6	0	0.1	4
	limonitic intrusive? breccia.	215573	61	64	3	0.71	0.07	0	0.2	2
	52.1-61.0 - Limonitic sandy limestone breccia grades	215574	64	69	5	0.66	0.86	0	0.2	1
	into a quartzite breccia with sub-angular brown-black	215575	69	72	3	0.63	0.09	0	0.3	1
	quartzite fragments in a tan clay rich matrix.	215576	72	73	1	0.64	0.25	0	0.1	4
	61.0-73.2 - Angular massive quartzite rubble. Commonly	215577	73	75	2	0.61	4.82	0	0.4	5
	grey-brown locally mottled. Occasional limonitic	215578	75	77	2	0.55	2.16	0	0.3	3
	alteration up to 5mm into wall rock along fractures.	215579	77	80	3	0.7	0.74	0	0.4	4
	73.2-89.0 - Quartzite grades back into tan coloured	215580	80	81	1	0.51	2.76	0	0.3	1
	limestone breccia. 83.0-84.0m limonitic quartzite	215581	81	82	1	0.59	6.57	0	0.4	4
	breccia.	215582	82	83	1	0.89	4.41	0	0.6	4
		215583	83	84	1	0.67	5.13	0	0.3	1
		215584	84	87	3	0.28	8.57	0	0.3	2
		215585	87	89	2	0.41	8.67	0	0.6	64
	89.0-109.0 - Brown angular quartzite rubble.	215586	89	94	5	0.49	4.76	0	0.6	2
		215587	94	99	5	0.48	4.7	0	0.7	6
		215588	99	102	3	0.49	5.36	0	0.3	3
		215589	102	106	4	0.64	2.94	0	0.3	2
		215590	106	109	3	0.49	8.43	3	0.4	9
	109.0-118.1 - Grey siltstone breccia with fragments	215591	109	112	3	0.64	6.02	3	0.1	9
	weakly disseminated with pyrite. Matrix is soft clay	215592	112	113	1	0.76	4.58	3	0.5	6
	rich and weakly calcareous.	215593	113	114	1	1.05	6.91	3	1.1	15
		215594	114	116	2	1.3	3.27	3	0.5	8
		215595	116	117	1	0.74	8.43	3	0.7	6
		215596	117	118	1	1.64	7.64	0	0.9	10
		215597	118	119	1	1.17	9.62	0	0.3	3

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks		
FB4	9025	8100	1616.5	205	50	163.7	NQWL	Logged by GK Sept. 7, 1989	#HOLE	
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	118.1-134.2 - Siltstone grades into a limonitic sandy limestone breccia. 123.0-127.2m weakly calcareous sandy rubble with limonitic chips 1-3mm and open vugs lined with calcite. 130.3-131.0 chert breccia.	215598	119	120	1	0.44	19.5	0	0.5	5
		215599	120	121	1	0.42	16.34	0	0.4	3
		215600	121	124	3	0.35	13.72	0	0.2	16
		215601	124	125	1	0.41	19.65	0	0.4	11
		215602	125	126	1	0.32	18.03	0	0.4	13
		215603	126	127	1	0.29	16.8	0	0.4	7
		215604	127	128	1	0.56	19.22	0	0.3	7
		215605	128	129	1	0.58	16.64	0	0.9	8
		215606	129	130	1	0.63	16.07	0	0.7	6
		215607	130	132	2	0.58	8.26	0	1.3	3
		215608	132	133	1	0.25	8.14	0	0.6	6
		215609	133	134	1	0.21	5.98	0	0.5	4
	134.2-142.3 - Grey limestone/siltstone breccia, locally bedded (30 degrees to C.A.). Fine grain disseminated pyrite < 1%. Rare pyrite fragments <5mm. Local fine grain bedded pyrite 40 degrees to C.A.. Rare medium grain pyrite occurring as irregular veins? Breccia matrix is commonly soft clay rich green and black, but locally is very hard.	215610	134	135	1	0.43	15.21	0	0.1	2
		215611	135	136	1	1.03	13.1	0	0.1	4
		215612	136	137	1	2.37	4.07	3	0.3	1
		215613	137	138	1	1.29	8.28	3	0.1	1
		215614	138	139	1	0.34	19.06	3	0.3	3
		215615	139	140	1	0.65	18.51	3	0.3	1
		215616	140	141	1	0.31	18.46	3	0.2	1
		215617	141	142	1	0.81	16.2	3	0.3	4
142.3-145.7	MASSIVE GREY-BROWN SILTY LIMESTONE	215618	142	143	1	0.25	21.67	3	0.1	2
	Common calcite veins associated with up to 3% medium grain pyrite. Limestone is also weakly disseminated with fine grain pyrite. At 145.4-145.7 fractures are chloritic.	215619	143	144	1	0.14	25.7	3	0.1	1
		215620	144	145	1	0.17	23.51	3	0.1	1
		215621	145	146	1	1.56	19.63	3	0.1	1
		215622	146	147	1	3.78	3.66	3	0.1	2
145.7-155.9	GREEN INTERMEDIATE DYKE	215623	147	148	1	3.82	3.85	3	0.1	3
	1-5mm feldspar laths to 40%, dark green anhedral pyroxenes? to 10%, magnetite specks to 5% in a green-grey fine grain groundmass. Abundant irregular intersecting calcite veins. Intrusive is very weakly disseminated with pyrite. Gouge at 145.7-146.5, 153.0-155.9 and deep orange coloured limonite at 155.7-155.9m. Lower contact is broken.	215624	148	149	1	3.75	4.25	3	0.2	1
		215625	149	150	1	3.77	4.65	3	0.1	1
		215626	150	151	1	3.52	5.75	3	0.1	13
		215627	151	152	1	3.87	4.61	3	0.1	62
		215628	152	153	1	3.71	4.33	3	0.2	27
		215629	153	154	1	3.75	4.2	3	0.1	1
		215630	154	155	1	3.88	5.69	3	0.1	5
		215631	155	156	1	2.79	10.58	3	0.1	1
155.9-163.7	GREY-BROWN LIMESTONE	215632	156	157	1	0.29	25.48	3	0.1	7
	Fine grain commonly brecciated with occasional fragmental chert beds and hard silty weakly calcareous beds. Rare limonitic chips or blebs. 5cm of green shale at 162.0m.	215633	157	158	1	0.39	19.03	3	0.1	231
		215634	158	159	1	0.13	21.92	3	0.1	50
		215635	159	160	1	0.08	23.88	3	0.1	2
		215636	160	161	1	0.11	28.62	3	0.3	2
		215637	161	162	1	0.43	24.01	3	0.2	11
		215638	162	163	1	0.13	32.86	3	0.2	1
		215639	163	163.7	1	0.03	37.28	3	0.1	5

Ref FB5	North 8950	East 8400	RL 1644	Azim 205	Dip 50	Length 124.4	Category NQWL	Remarks Logged by RC Sept.10, 1989	#HOLE	
RANGE	DESCRIPTION									
		SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	61.7-62.5 - Oolitic limestone.	215929	60	61	1	0.13	37.69	0	0.1	1
		215930	61	62	1	0.2	38.25	0	0.2	2
		215931	62	63	1	0.26	31.94	0	0.1	1
		215932	63	64	1	0.11	39.77	0	0.1	1
	64.8-65.0 - Rubble zone with minor gouge.	215933	64	65	1	0.18	31.66	0	0.1	2
	65.3-68.5 - Rubble zone with gouge.	215934	65	66	1	0.11	22.39	0	0.2	1
		215935	66	69	3	0.21	21.16	0	0.1	1
		215936	69	70	1	0.08	31.13	0	0.1	4
		215937	70	71	1	0.07	23	0	0.1	1
	71.4-73.5 - Limy brown mudstone with gouge zones	215938	71	72	1	0.04	35.23	0	0.2	2
	limonite clots. 75.1m calcite fluorite vein to 2cm.	215939	72	73	1	0.03	37.91	0	0.1	2
		215940	73	74	1	0.08	30.43	0	0.1	1
		215941	74	75	1	0.12	27.87	0	0.1	1
		215942	75	76	1	0.73	11.74	0	0.1	1
		215943	76	77	1	0.14	32.2	0	0.1	5
		215944	77	78	1	0.04	33.35	0	0.1	3
		215945	78	79	1	0.06	22.17	0	0.1	2
		215946	79	80	1	0.03	31.03	0	0.1	2
		215947	80	81	1	0.1	32.32	0	0.1	1
		215948	81	82	1	0.05	29.32	0	0.1	1
		215949	82	83	1	0.09	32.55	0	0.1	1
		215950	83	84	1	0.13	29.74	0	0.1	1
		215951	84	85	1	0.12	34.96	0	0.2	1
	85.2 - Core loss rubble.	215952	85	87	2	0.04	28.36	1	0.1	2
	87.3-89.6 - Green mudstone, green gouge - green massive	215953	87	88	1	0.79	15.14	1	0.2	3
	fine grained. Pyrite to 1% as fine euhedral grains.	215954	88	89	1	0.7	16.14	1	0.1	2
	Calcareous. Locally 50% sheared into gouge.	215955	89	90	1	0.23	33.57	1	0.1	2
		215956	90	91	1	0.03	39.27	0	0.1	1
		215957	91	92	1	0.02	37.76	0	0.1	1
		215958	92	93	1	0.03	36.26	0	0.1	1
	93.6 - 5cm of pyritic green gouge.	215959	93	94	1	0.37	24.95	1	0.1	1
	94.3-95.0 - Stringers of pyritic green gouge.	215960	94	95	1	0.49	23.43	1	0.1	1
		215961	95	96	1	0.12	29.28	0	0.1	2
	96.9-97.2 - Brown gouge.	215962	96	97	1	0.23	23.76	1	0.1	2
		215963	97	98	1	0.33	32.14	0	0.1	4
		215964	98	99	1	0.08	37.61	0	0.1	14
		215965	99	100	1	0.04	39.1	0	0.1	2
		215966	100	101	1	0.02	38.7	0	0.2	1
		215967	101	102	1	0.03	38.66	0	0.1	1
		215968	102	103	1	0.04	31.6	0	0.1	3
		215969	103	104	1	0.06	38.37	0	0.1	1
		215970	104	105	1	0.23	32.44	0	0.1	2
		215971	105	106	1	0.06	32.38	0	0.2	2
106.9-124.4	LIMESTONE BRECCIA	215972	106	107	1	0.04	31.89	0	0.1	3
	Grey, cherty, medium to fine crystalline limestone,	215973	107	108	1	0.05	28.01	0	0.1	2
	massive sections disturbed by irregular breccia sections	215974	108	109	1	0.01	37.01	0	0.1	1
	- angular fragments of chert and limestone to 3cm in	215975	109	110	1	0.01	35.34	0	0.1	1
	grey calcareous cement/matrix.	215976	110	111	1	0.01	32.94	0	0.1	1
		215977	111	112	1	0.01	35.52	0	0.1	4
		215978	112	113	1	0.01	35.66	0	0.1	1
		215979	113	114	1	0.01	35.71	0	0.1	1
		215980	114	115	1	0.02	32.78	0	0.1	4

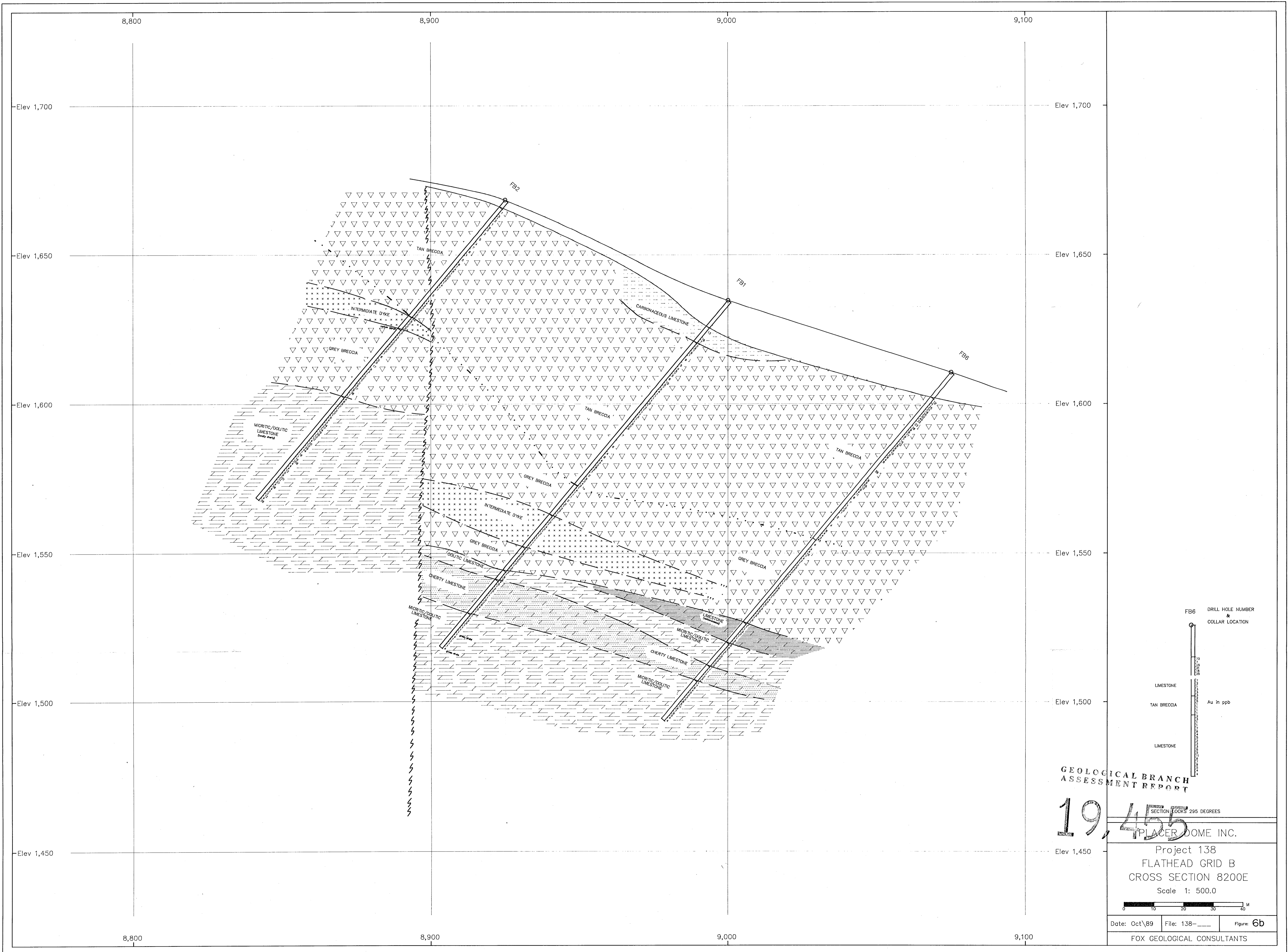
Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE						
FB5	8950	8400	1644	205	50	124.4	NQWL	Logged by RC Sept.10, 1989							
RANGE	DESCRIPTION														
							SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
							215981	115	116	1	0.04	30.82	0	0.1	3
							215982	116	117	1	0.03	31.71	0	0.1	2
							215983	117	118	1	0.03	28.58	0	0.1	1
							215984	118	119	1	0.09	19.25	0	0.1	3
							215985	119	120	1	0.04	26.25	0	0.1	1
							215986	120	121	1	0.01	35.37	0	0.1	1
							215987	121	122	1	0.01	39.81	0	0.1	2
							215988	122	123	1	0.01	39.57	0	0.1	1
							215989	123	124.4	1	0.01	31	0	0.1	1
								124.4	END OF HOLE.						

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE	
FB6	9075	8200	1610.4	205	50	151.5	NQWL	Logged by RC Sept. 10, 1989		
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
0 - 10.7	CASING/OVERBURDEN/BROKEN BEDROCK		0	10.7						
10.7 - 72.2	TAN BRECCIA	216201	10.7	12	1.3	0.36	8.35	0	0.3	72
	Light grey to tan brecciated and healed - angular	216202	12	13	1	0.35	7.9	0	0.4	7
	fragments of silty limestone and limy quartz sandstone	216203	13	14	1	0.36	10.23	0	0.1	25
	in matrix/cement of tan stained material of identical	216204	14	15	1	0.36	8.27	0	0.1	21
	composition as fragments. Variable from framework to	216205	15	16	1	0.3	21.41	0	0.1	18
	matrix supported. Local fractures with tan gouge,	216206	16	17	1	0.41	12.58	0	0.1	25
	isolated calcite veinlets, local vuggy fractures, trace	216207	17	18	1	0.29	7.58	0	0.1	32
	of limonite clots.	216208	18	19	1	0.28	10.14	0	0.1	40
	11.3-12.2 - Gouge rich fracture zone.	216209	19	20	1	0.49	9.8	0	0.1	22
	13.0-14.0 - Gouge rich fracture zone.	216210	20	22	2	0.22	12.32	0	0.1	23
	16.0 - 10cm gouge	216211	22	23	1	0.33	8.65	0	0.1	26
	16.5-17.1 - Gouge rich fracture zone	216212	23	24	1	0.33	13.72	0	0.1	9
	19.5 - sanded bed 20cm	216213	24	25	1	1.2	4.78	0	0.1	8
	24.0-24.6 - Gouge rich deep tan coloured.	216214	25	26	1	0.33	12.79	0	0.1	17
	25.6-25.9 - Gouge rich tan coloured breccia.	216215	26	27	1	0.19	14.46	0	0.3	9
		216216	27	28	1	0.35	14.28	0	0.1	7
		216217	28	29	1	0.5	9.36	0	0.1	15
		216218	29	30	1	0.41	11.23	0	0.2	22
		216219	30	31	1	0.24	13.36	0	0.4	6
		216220	31	32	1	0.12	5.66	0	0.2	6
		216221	32	33	1	0.12	6.58	0	0.3	6
		216222	33	34	1	0.26	11.35	0	0.1	10
		216223	34	35	1	0.23	9.39	0	0.1	5
		216224	35	36	1	0.24	10.94	0	0.1	9
		216225	36	37	1	0.16	6.08	0	0.1	4
		216226	37	38	1	0.24	8.98	0	0.1	8
		216227	38	45	7	0.41	0.35	0	0.6	39
	44.9-72.2 - dark grey to tan. Very broken and gouge	216228	45	46	1	0.35	1.17	0	0.1	9
	rich. Fragments composed of porous siltstone and	216229	46	47	1	0.39	0.87	0	0.1	5
	sandstone, non-calcareous in weakly calcareous matrix.	216230	47	48	1	0.42	0.4	0	0.1	65
		216231	48	49	1	0.44	0.74	0	0.1	12
		216232	49	50	1	0.31	4.41	0	0.2	5
		216233	50	51	1	0.52	2.89	0	0.2	4
		216234	51	52	1	0.35	1.99	0	0.1	11
		216235	52	54	2	0.53	1.71	0	0.1	6
		216236	54	56	2	0.41	1.26	0	0.1	7
		216237	56	57	1	0.33	2.58	0	0.1	1
		216238	57	58	1	0.39	1.4	0	0.3	3
		216239	58	59	1	0.43	3.19	0	0.2	3
		216240	59	60	1	0.39	3.81	0	0.2	1
		216241	60	63	3	0.54	2.97	0	0.3	2
		216242	63	67	4	0.58	1.14	0	0.2	4
		216243	67	68	1	0.52	0.05	0	0.1	8
		216244	68	69	1	0.68	0.05	0	0.3	4
		216245	69	70	1	0.63	0.03	0	0.4	4
		216246	70	71	1	0.62	0.03	0	0.1	3
		216247	71	72	1	0.73	0.07	0	0.4	15
72.2 - 108.8	grey SANDY LIMESTONE BRECCIA	216248	72	75	3	0.67	0.02	0	0.3	4
	grey, fine silty to sandy quartz rich limestone locally	216249	75	76	1	0.57	0.02	0	0.4	4
	non-calcareous sandstone. Breccia composed of angular	216250	76	77	1	0.49	0.02	0	0.6	4
	limestone fragments in gouge rich matrix of smaller	216251	77	78	1	0.61	5.17	0	0.9	15

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE	
FB6	9075	8200	1610.4	205	50	151.5	NQWL	Logged by RC Sept. 10, 1989		
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
	fragments. Pyrite finely disseminated in matrix and locally in fragments. Moderately lithified.	216252	78	79	1	0.38	8.04	0	0.3	7
		216253	79	80	1	0.43	5.84	0	0.2	4
		216254	80	81	1	0.42	5	0	0.1	2
		216255	81	82	1	0.46	3.95	0	0.3	1
		216256	82	83	1	0.45	4.21	0	0.2	2
		216257	83	84	1	0.5	5.34	0	0.2	3
		216258	84	85	1	0.58	5.04	1	0.2	2
		216259	85	86	1	0.66	7.12	1	0.2	2
		216260	86	87	1	0.85	6.66	1	0.1	4
		216261	87	88	1	1.09	7.77	1	0.2	2
		216262	88	89	1	1.21	7.38	1	0.2	2
		216263	89	90	1	1.17	8.64	1	0.2	1
		216264	90	91	1	1.24	6.3	1	0.2	1
	91.1-92.1 - Very gouge rich matrix, smaller fragments < 1cm.	216265	91	92	1	2.73	4.19	1	0.1	1
		216266	92	93	1	0.86	5.35	1	0.1	6
		216267	93	94	1	0.75	5.13	1	0.2	2
		216268	94	95	1	0.54	6.93	1	0.1	2
		216269	95	96	1	0.56	5.2	1	0.1	2
	96.3-97.5 - Fine limestone rubble.	216270	96	97	1	0.57	4.97	1	0.1	1
		216271	97	98	1	0.56	5.53	1	0.1	4
		216272	98	99	1	0.65	8.09	1	0.1	3
		216273	99	100	1	1.13	9.5	1	0.6	5
	101.0-103.0 - Isolated fragments composed of fine grained massive pyrite in calcite. One fragment at 101.5 consists of 4cm band of pyrite in limestone clast.	216274	100	101	1	0.48	13.23	1	0.5	1
		216275	101	102	1	0.82	14.42	3	0.3	3
		216276	102	103	1	1.66	9.77	1	0.2	5
		216277	103	104	1	1.11	13.5	1	0.1	3
	102.5-105.0 - Very gouge/clay rich matrix.	216278	104	105	1	0.93	16.37	1	0.1	3
		216279	105	106	1	2.48	8.06	1	0.1	1
		216280	106	107	1	0.42	30.18	1	0.3	3
		216281	107	108	1	0.9	20.4	1	0.1	1
	108.0-108.8 - Massive pyritic gouge.	216282	108	109	1	0.54	23.79	1	0.4	2
108.8-117.6	CARBONACEOUS LIMESTONE	216283	109	110	1	0.26	31.57	0	0.3	1
	Dark grey to black fine crystalline with rare fossil fragments. Fractures coated in black carbon also concentrated on stylolites. Irregular calcite stringers and disrupted veinlets. Rare pyrite.	216284	110	111	1	0.15	36.67	0	0.7	1
		216285	111	112	1	0.13	25.54	0	0.1	3
		216286	112	113	1	0.22	24.62	0	0.3	2
		216287	113	114	1	0.17	27.41	0	0.3	1
		216288	114	115	1	0.23	33.49	0	0.4	1
		216289	115	116	1	0.13	34.99	0	0.2	3
		216290	116	117	1	0.12	27.31	0	0.3	2
117.6-124.7	LIMESTONE	216291	117	118	1	0.11	30.51	0	0.1	5
	Light grey massive fine crystalline to medium grained calcarenite with local calcite stockworks.	216292	118	119	1	0.04	33.99	0	0.2	4
		216293	119	120	1	0.01	32.81	0	0.1	7
		216294	120	121	1	0.01	35.72	0	0.1	2
		216295	121	122	1	0.02	33.16	0	0.2	1
		216296	122	123	1	0.01	38.25	0	0.1	3
		216297	123	124	1	0.02	34.62	0	0.2	3
124.7-131.0	RUBBLE ZONE	216298	124	125	1	0.03	24.09	0	0.1	3
	Grey limestone fragments, angular, totally shattered Where intact fragments cemented by white flakey calcite.	216299	125	126	1	0.01	22.77	0	0.1	2
		216300	126	127	1	0.03	22.36	0	0.1	5
		216301	127	128	1	0.03	24.82	0	0.2	1
		216302	128	129	1	0.04	21.26	0	0.1	1
		216303	129	130	1	0.05	18.77	0	0.1	1

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE
FB6	9075	8200	1610.4	205	50	151.5	NQWL	Logged by RC Sept. 10, 1989	

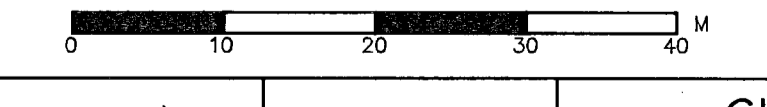
RANGE	DESCRIPTION	SampNo	From	To	SL	Fe%	Ca%	PYR	Ag(ppm)	Au(ppb)
131.0-151.5	LIMESTONE Grey to light brown fine crystalline limestone with local fossil fragments, isolated calcite veinlets.	216304	130	131	1	0.01	23.94	0	0.1	1
		216305	131	132	1	0.02	36.25	0	0.1	2
		216306	132	133	1	0.01	38.35	0	0.2	3
		216307	133	134	1	0.01	39.13	0	0.1	1
		216308	134	135	1	0.01	39.39	0	0.1	1
		216309	135	136	1	0.01	39.95	0	0.1	7
		216310	136	137	1	0.01	39.13	0	0.1	6
		216311	137	138	1	0.01	37.65	0	0.1	4
		216312	138	139	1	0.01	38.56	0	0.1	5
		216313	139	140	1	0.01	38.46	0	0.1	2
		216314	140	141	1	0.01	37.67	0	0.1	3
		216315	141	142	1	0.01	39.13	0	0.1	3
		216316	142	143	1	0.04	34.22	0	0.1	5
		216317	143	144	1	0.04	34.53	0	0.1	5
		216318	144	145	1	0.01	38.11	0	0.1	11
		216319	145	146	1	0.01	36.32	0	0.1	6
		216320	146	147	1	0.05	27.56	0	0.1	7
		216321	147	148	1	0.02	34.5	0	0.1	9
		216322	148	149	1	0.03	32.84	0	0.1	5
		216323	149	150	1	0.11	21.95	0	0.1	4
216324	150	151.5	1	0.09	21.18	0	0.1	4		



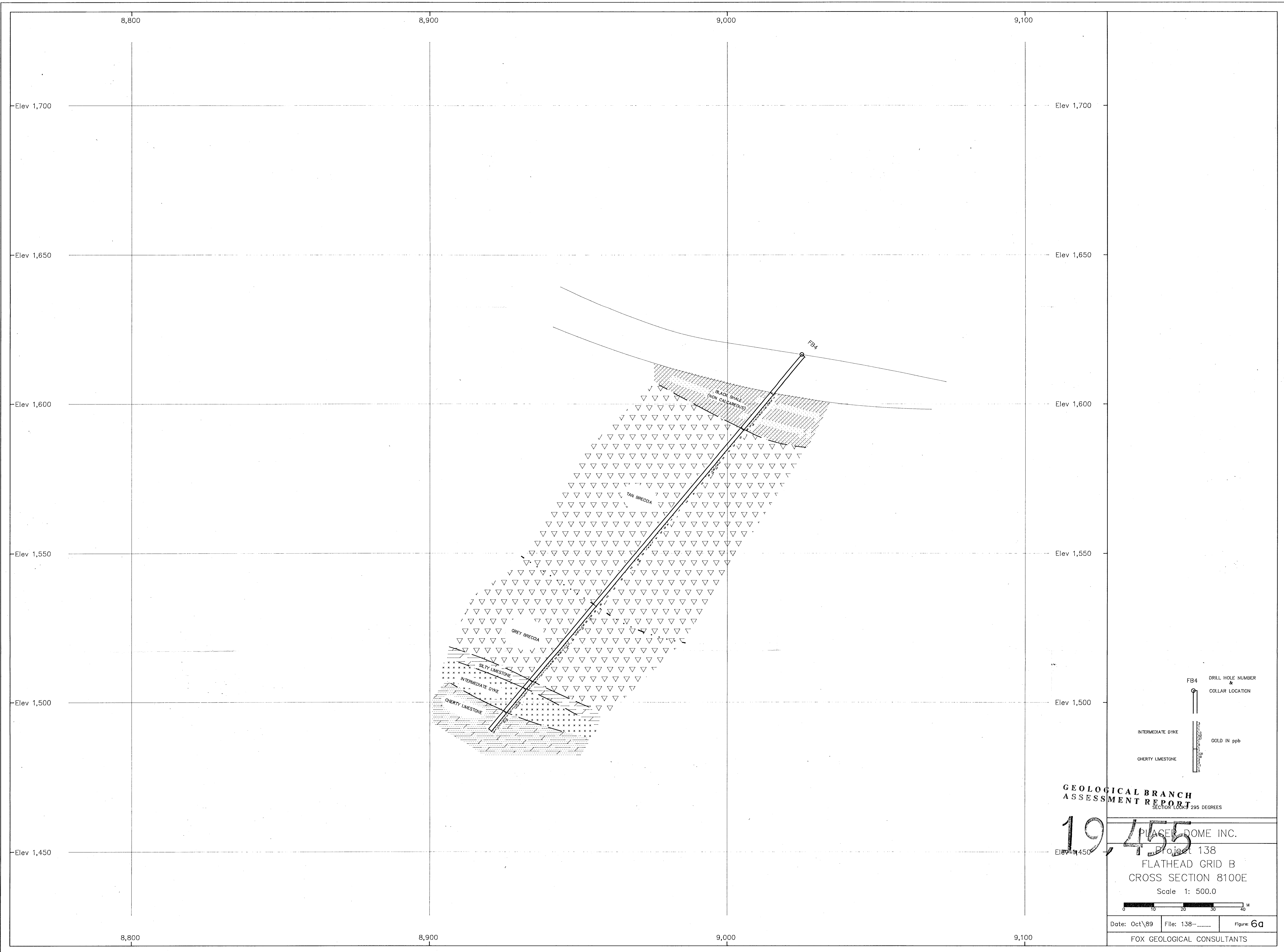
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,455
SECTION LOOKS 295 DEGREES
PLACER DOME INC.

Project 138
FLATHEAD GRID B
CROSS SECTION 8200E
Scale 1: 500.0



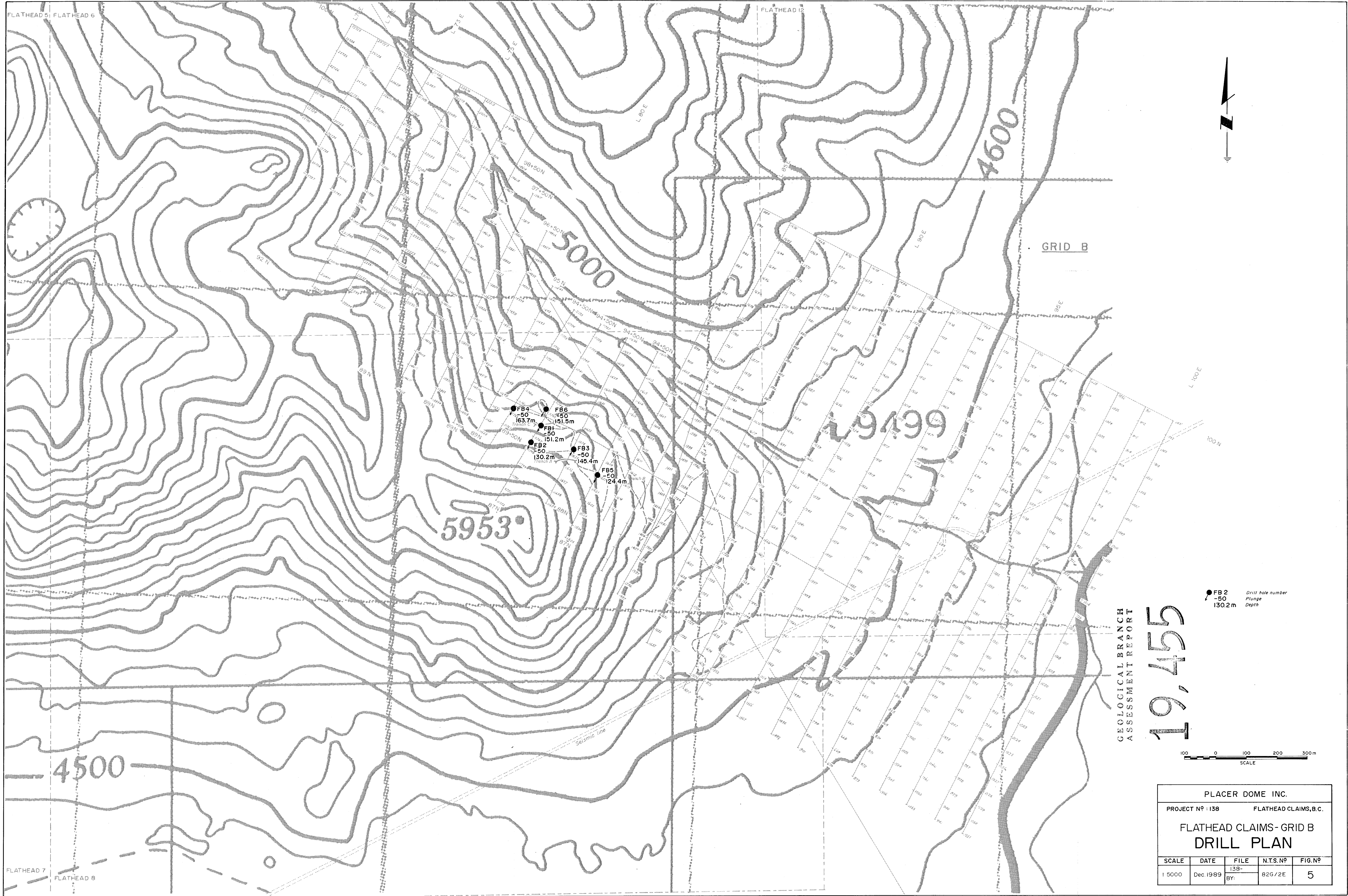
Date: Oct\89 File: 138-___ Figure: 6b
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GEOLOGICAL BRANCH
ASSESSMENT REPORT
 SECTION LOOKS 295 DEGREES
 19,455 PLACE DOME INC.
 Project 138
 FLATHEAD GRID B
 CROSS SECTION 8100E
 Scale 1: 500.0
 Date: Oct\89 File: 138-_____ Figure 6a
 FOX GEOLOGICAL CONSULTANTS

FLATHEAD 5; FLATHEAD 6

FLATHEAD 12



GRID B

5953

5000

7600

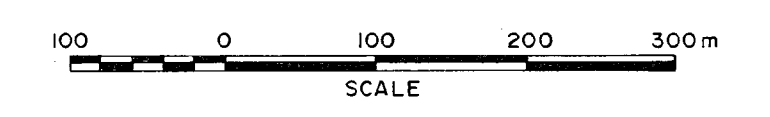
19499

4500

● FB 2 Drill hole number
-50 Plunge
130.2m Depth

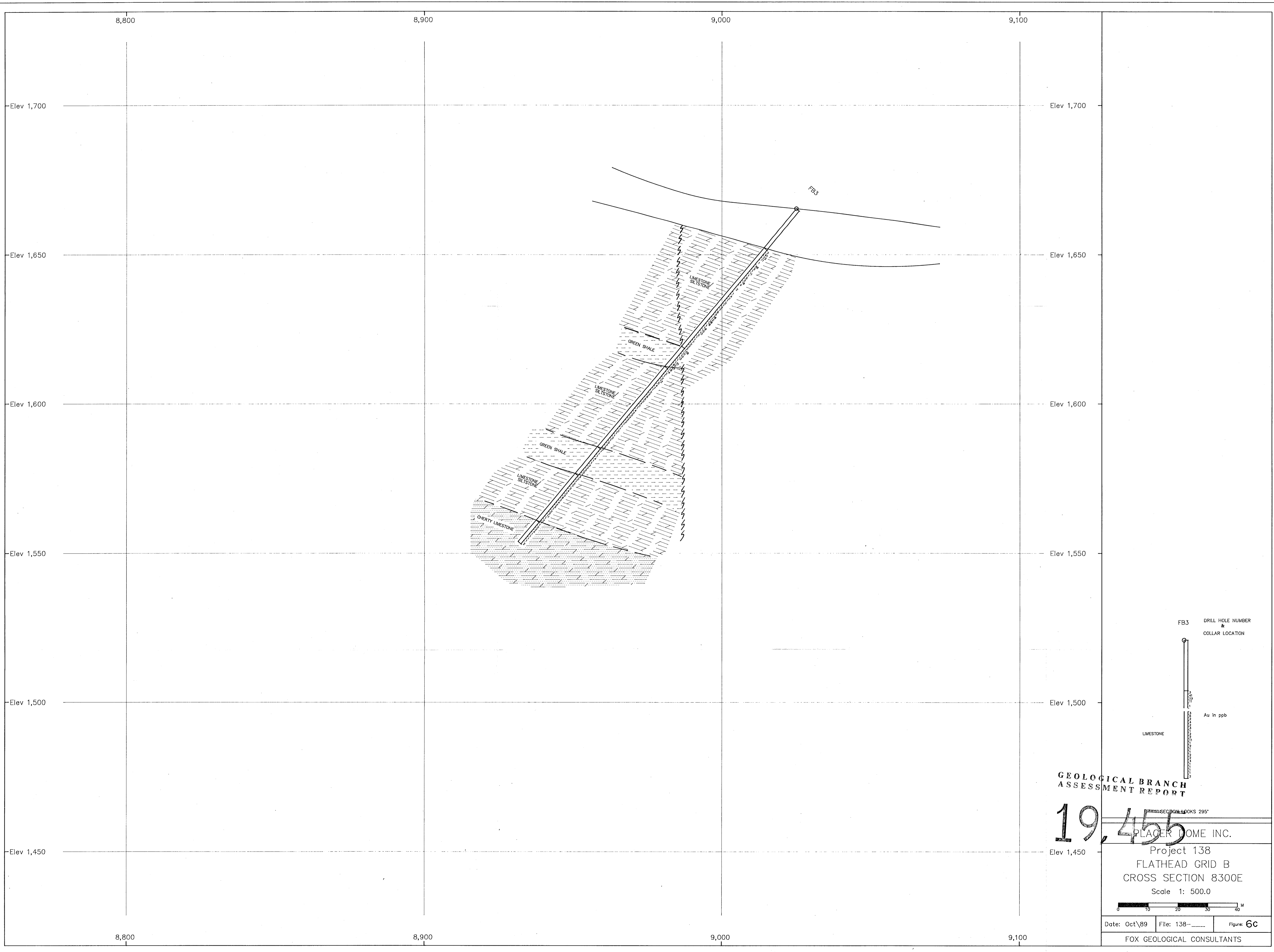
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,455
61



PLACER DOME INC.				
PROJECT N° : 138		FLATHEAD CLAIMS, B.C.		
FLATHEAD CLAIMS- GRID B DRILL PLAN				
SCALE	DATE	FILE	N.T.S. N°	FIG. N°
1:5000	Dec. 1989	138- By:	82G/2E	5

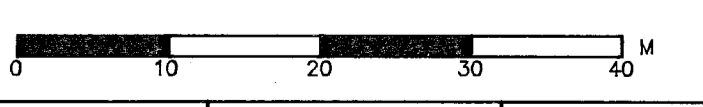
FLATHEAD 7
FLATHEAD 8



GEOLOGICAL BRANCH
ASSESSMENT REPORT

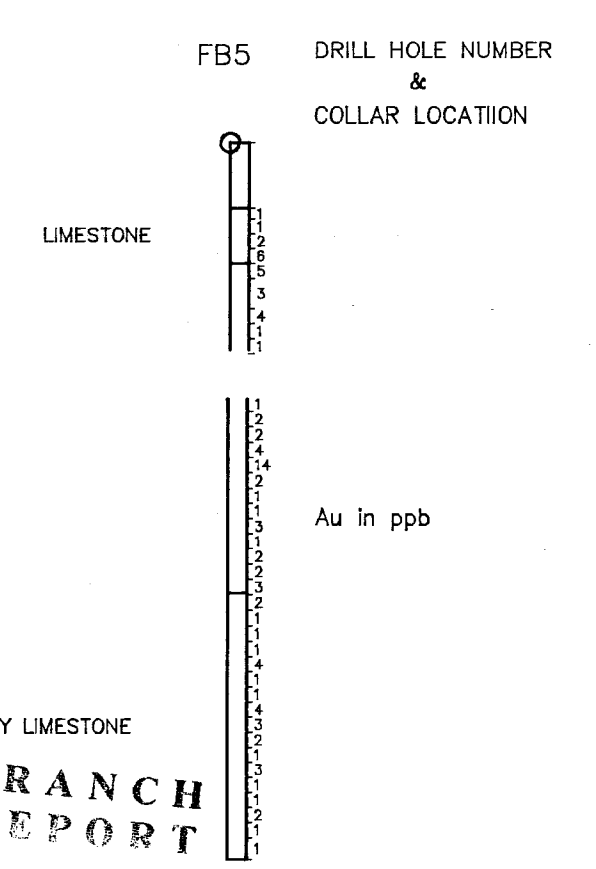
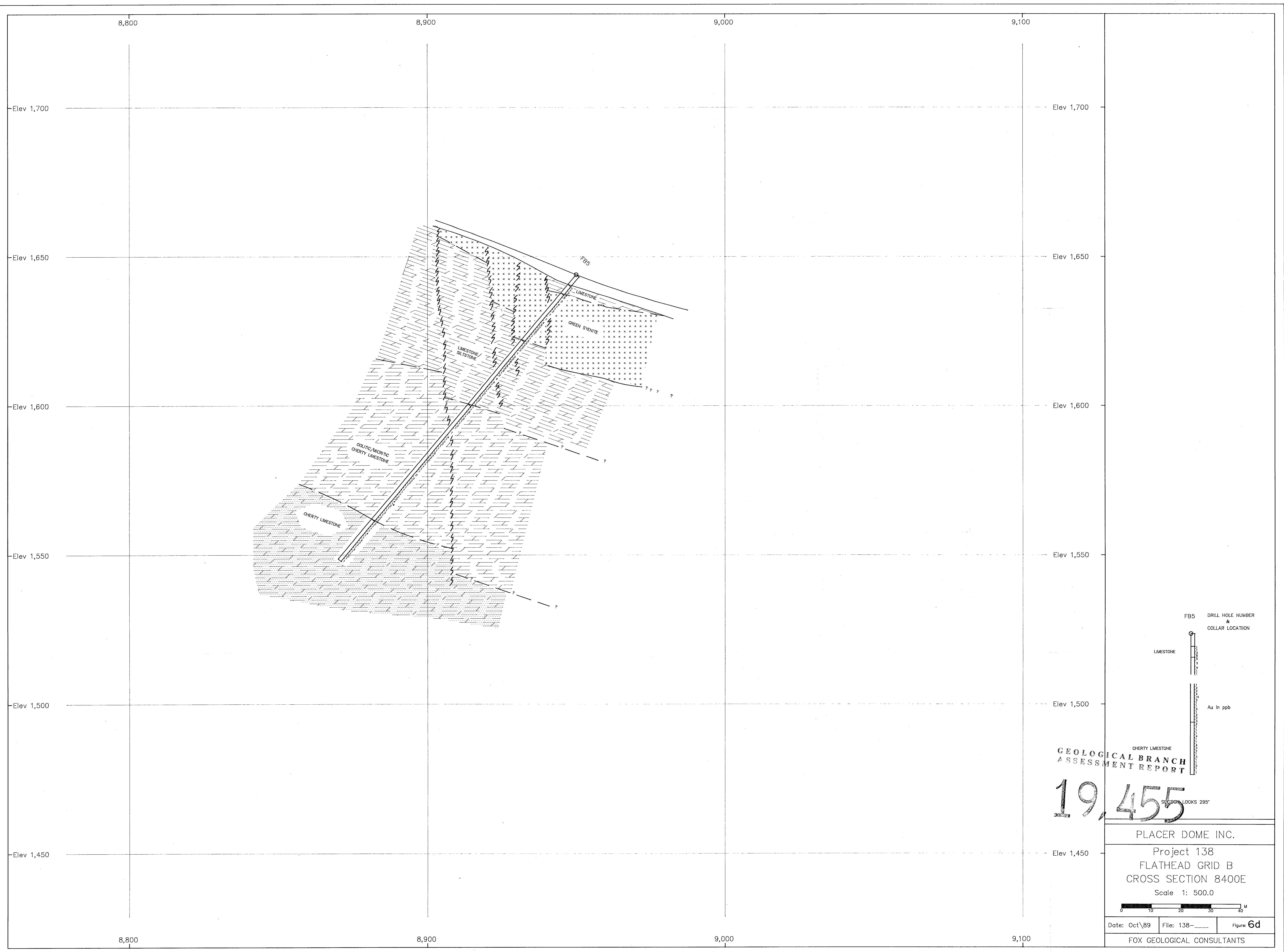
19,455
SECTION LOOKS 295°
PLACER DOME INC.

Project 138
FLATHEAD GRID B
CROSS SECTION 8300E
Scale 1: 500.0



Date: Oct\89 File: 138-_____ Figure: 6C

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GEOLOGICAL BRANCH ASSESSMENT REPORT

19,455

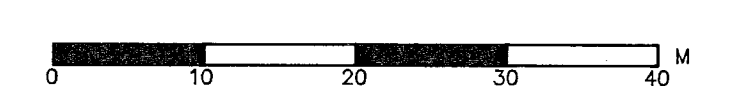
SECTION LOOKS 295°

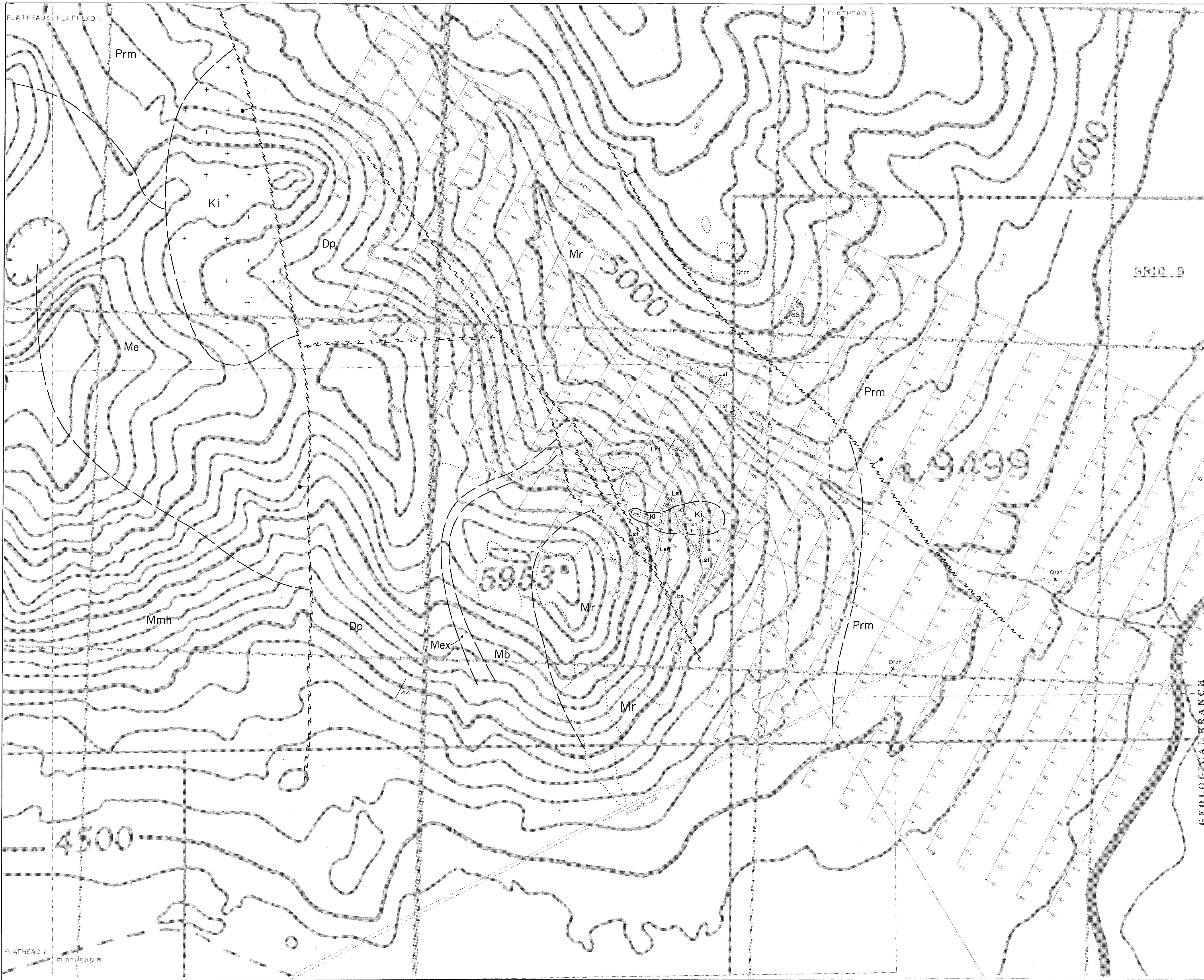
PLACER DOME INC.

Project 138
 FLATHEAD GRID B
 CROSS SECTION 8400E
 Scale 1: 500.0

Date: Oct\89 File: 138-_____ Figure: **6d**

FOX GEOLOGICAL CONSULTANTS





N

Geological contact; approximate

Fault; approximate
(circle indicates downthrow side)

Area of almost continuous outcrop, subcrop

Outcrop

Bedding

Ch-chalcedony, Sk-skarn, Lim-limonite,
Ga-garnet, Qtz-quartz vein, bx-breccia

Bulldozer Trail

LEGEND

CRETACEOUS

Ki Syenite

PERMO-PENNSYLVANIAN

Prm Rocky Mountain Fm.; quartzitic and dolomitic sandstone

MISSISSIPPIAN

Mr RUNDLE GROUP

Me Etherington Fm.; thinly bedded limestone, minor dolomite, green shale

Mmh Mount Head Fm.; limestone, dolomite, locally carbonaceous

Ml Livingstone Fm.; coarse crystalline calcarenitic limestone

Mb Banff Fm.; impure limestone, minor black shale

Mex Exshaw Fm.; fissile black shale

DEVONIAN

Dp Pailiser Fm.; limestone, minor dolomite

SCALE
0 100 200 300m

19,455

GEOLOGICAL BRANCH
ASSESSMENT REPORT

PLACER DOME INC.				
PROJECT N°: 138		FLATHEAD CLAIMS, B.C.		
FLATHEAD CLAIMS - GRID B				
GEOLOGY				
SCALE	DATE	FILE	N.T.S. N°	FIG. N°
1:5000	DEC. 1989	138-216	826/2E	4