

MBD.18

% RECOVERY	FIELD ROCK NAME and general description over interval marked	ADOPTED INTERVAL (m cm)  ADOPT LENGTH FROM COLLAR m cm	GRAPHIC LOG	OBSERVATIONS  commence with depth interval (where point relates to marker) or refer to marker to describe At site of peering or location surface thickness of parts to base with direction of weathering, surface a large scale surface to long one	METER MARKING
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SUMMARY DRILL LOG MBD 18.

Veins over 50 mm

Mineralisation (excluding veins  
over 50 mm)

TRICONE TO 2.3m		0		
GREENISH GREY SILTSTONES AND GREEN SANDSTONE	2.3-3.65 (3.35)	16 m/s	FAULTED	
DOLOMITE SULPHIDE LOOSE	3.65-4.10 (1.45)	5	Dolomite contact	Py, malachite, fluo. sp. malachite, cp
QUARTZ-FELSPAR PORPHYRY	4.10-3.85 (2.25)	1	250' Sharp contact 10.35-10.69 qtz porphyry with irregular contacts	Py malachite, fluo. sp. malachite 20%
DOLOMITE SULPHIDE LOOSE. Bronze coloured due to py 50-70% qtz-dolomite-calcite very common, minor talc/sepiolite. Weakly isolated lower 0.7m bluish grey talc/sepiolite with fluoite and qtz-carbonate.	8.85-28.4' (19.55)	10 + 80 20		Py >>> Py, trace sp and dark brown fluoite. Fine grained cassiterite is visible in isolated patches up to 10% otherwise sparsely disseminated Sulphides are disseminated and intergrown with qtz-carbonate. lower 0.7m fluoite rich, sulphide 5% total 12%
WEAKLY ALTERED DOLOMITE	28.4-31.6 (3.2)	230	Gradual change.	Weak trace py, ? cassiterite in fracture 1%
TRANSFORMED ALTERED DOLOMITE / SILTSTONES	31.6-33.65 (2.05)	3110	100m py, malachite, talc, dolomite, sp	Py, py, disseminated veins with mal
QUARTZ FELSPAR PORPHYRY. Hard white f. q. matrix, qtz 5-7%, talc 7%	33.65-34.30 (5.65)	1	Irregular, 30'	Py with malachite rims, strong trace sp, weak trace mal.
BRECCIATED GREENISH SILTSTONES	34.3-40.70 (6.4)	1040	Irregular 35'	Py, py, sp, disseminated, stringers
END OF HOLE 40.1 m.				

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER-VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	As	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
50		3.1	4.1	1.0	780									
51		4.1	5.7	1.6	460									
52		5.7	6.7	1.0	1.02%		1900	80	110	1	240	3700		
53		6.7	8.8		2450		600	70	110	1	100	2400		
54		8.8	10.2	14	1.60%		1100	90	50	1	180	3100		
55		10.2	10.6	0.4	1300		450	14	55	21	80	580		
56		10.6	12.6	2.0	8600		1300	70	34	2	300	1.60%		
57		12.6	14.6	"	9200		1200	75	38	21	140	7500		
58		14.6	16.6	"	5700		1300	15	38	21	130	1.28%		
59		16.6	18.6	"	1.86%		920	130	34	21	110	2200		
160		18.6	20.6	"	3.58%		1100	100	75	21	240	5100		
61		20.6	22.6	"	5.10%		1100	260	20	21	290	2900		
62		22.6	24.6	"	2.90%		1200	180	16	21	210	6200		
63		24.6	26.6	"	3.90%		1200	190	16	21	300	7400		
64		26.6	27.6	1.0	4.28%		1000	360	35	21	250	8300		
65		27.6	28.3	0.7	2850		140	23	3200	21	40	44		
66		28.3	30.3	2.0	120									
67		30.3	32.3	"	90									
68		32.3	33.7	1.4	310									
69		33.7	35.7	2.0	480									
170		35.7	37.7	"	940									
71		37.7	39.3	1.6	200									
72		39.3	40.1	0.8	2700									

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Notes: —

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT A  
 ASSAY SUMMARY SHEET HOLE NO. MBD-18

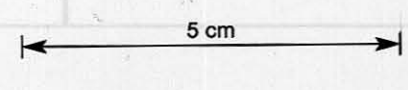
SAMPLE TYPE : DRILL CORE FROM 3.1 TO 40.1





TRICONE TO 2.3M - NO CORE.

DEPTH (m)	ROCK UNIT	DESCRIPTION	CONTACT	MINERALISATION	PERCENT MINERALISATION	NOTES
0.5-2.3	2.3-5.65 SILTSTONES AND SANDSTONES	Siltstones hard, greenish grey and thinly bedded - sericitic and silicified. The sandy beds are slightly softer, more porous and occasionally friable - removed of sulphides by weathering? The sandstones are also micaceous, grey in colour and more highly fractured. Overall, highly fractured and faulted 4m - 5.6m.	10/11/5	Very weak trace py disseminated in sandstones.		
5.65-6.70	5.65-6.70 DOLOMITE SULPHIDE LORE	Weathered and sulphide rich with granular qtz, carbonates and minor finely bedded hard green sericitic.	Broken contact	5.65-6.70 pg, marcasite, py, blue and purple fluorite, strong trace cassit (?), trace sp, arsenic, cp	50%	
6.70-8.85	6.70-8.85 QUARTZ FELSPAR PORPHYRY	Hard white fine grained matrix. Qtz - subhedral clear grains 1-2mm, 10%. Felspar - variable 1-10%, max size 2mm; altered, hard brownish and greenish rounded or well formed grains.	Broken contact	6.70-8.85 marcasite, pyrite as distinct blebs and grains to 3mm with up to 10% green or dark brownish purple fluorite. Some fine grained patches of sulphide to 10mm. Weak trace f.g. cassiterite.	20%	
8.85-10.35	8.85-10.35 DOLOMITE SULPHIDE LORE	Bronze coloured due to pyrrhotite. Grey and white clear qtz and granular calcite matrix. Irregular patches and intergrow throughout.	30mm carbonate - fluorite, py, sp vein on contact	10.35-10.69 quartz feldspar porphyry. As for 6.7-8.85m	60%	
10.35-10.69	10.35-10.69 QUARTZ FELSPAR PORPHYRY	As for 6.7-8.85m	Contact 25°	10.69-19.8 po >>> pg/marcasite, granular clear fluorite in matrix and strong trace v fine gr black cassiterite, trace arsenic, sp, cp	15%	
10.69-27.71	10.69-27.71 DOLOMITE SULPHIDE LORE	Bronze coloured due to pyrrhotite. Weakly foliated, with irregular patches and thin discontinuous lenses of grey and white qtz, carbonates and rare patches of talc carbonates. Some thin black sericitic veinlets and chert around carbonates. Distribution of sulphides 40-95% on a scale of a few cm. average 50-70%.	Contact 30°	19.8-27.71 As above, but py diminishes to a trace. po >>> fluorite, trace arsenic, sp, py, sp. Cassit occurs patchily, in places up to 50% for a few cm - very fine grained, some grain aggregates to 5mm.	60%	
27.71-28.38	27.71-28.38	Bluish grey talc and grey sericitic with minor f.g. carbonates, minor qtz and fluorite with corroded clasts of recryst. dolomite.	Contact indistinct, 40°	28.38-31.60 Weak trace py, sp along fracture planes or blebs, some disseminated in dolomite.	10%	
28.38-31.60	28.38-31.60 RECRYSTALLISED DOLOMITE	Clasts of weakly mottled pale grey and cream dolomite with talcose alteration adjacent to brecciation fractures - grey green talc/sericitic to 5mm, patches to 10mm along fracture planes. Some dark grey recrystallised dolomite and qtz.	Gradual Change	31.60-32.90 py, po disseminated as grains to 2mm in sericitic matrix with veinlets with qtz and finely disseminated in dolomite.	7-10%	
31.60-32.90	31.60-32.90 INTERBEDDED ALTERED DOLOMITE/SILTSTONE	Dolomite, completely altered to soft black talc sericitic, interbedded with brownish grey siltstone. Bedding has indistinct outlines and is brecciated and disrupted.	Gradual Change	32.90-33.65 siltstones and shales, thinly bedded, hard greenish grey sericitic siltstones and dark grey thin chert beds, brecciated and disrupted.	1-2%	
32.90-33.65	32.90-33.65 SILTSTONES AND SHALES	Thinly bedded, hard greenish grey sericitic siltstones and dark grey thin chert beds, brecciated and disrupted.	33.65-34.30 quartz feldspar porphyry	33.65-34.30 py with marcasite rims, strong trace sp as discrete grains and aggregates. 33.6-34.6 trace arsenic fluorite. 34.6-36.6 weak trace cassiterite, fluorite.	15-20%	
33.65-34.30	33.65-34.30 QUARTZ FELSPAR PORPHYRY	Matrix hard, fine grained and creamy white, well fractured. Phenocrysts are mostly < 2mm; Qtz - clear, well formed 1-2mm, 5-7%. Felspar - brownish alteration, some grains white and unaltered < 1.5mm, variable 5-10%.	Contact irregular, 30°	Overall, sulphides are variable 5-30%, as discrete grains and fine grained aggregates to 5mm; the central portion has sulphide rich patches - fine grained disseminated sulphide to 10cm, 30%. Minor qtz - py - marcasite - sp - arsenic - fluorite varying 25-30°		
34.30-40.10	34.30-40.10 SILTSTONES AND SHALES	As for 32.90-33.65 but more brecciation and disruption.	Contact irregular	py, trace po, sp in veinlets and stringers < 5mm, also py, po finely disseminated	7%	
40.10	END OF HOLE 40.10m.					



**DEPTH from - to : ROCK UNIT** capital letters, underlined  
 Depth: Detailed rock description and notes  
 indented about 15mm.

**GRAPHIC LOG**  
 SEE LEGEND ON SHEET 1

**STRUCTURAL AND VEIN INFORMATION**  
 ATTITUDE: angle between feature and LONG CORE AXIS

**MINERALISATION**

**NOTES**

**METALS EXPLORATION LIMITED**

**MINERAL EXPLORATION DRILL LOG**  
 Scale 1:100

Prospect or project: **Mount Biehoff**  
 Logged by: **G. BRODRENT** date: **26/1/80**

**HOLE No. MBD 18**  
**LOG SHEET 2 OF 2**  
 from 0 m. to 40.10 m.