

MOUNT BISCHOFF JOINT VENTURE

HOLE N^o: MBD 119

Objective and Anticipated Lengths to Targets: To test the "footwall" DSL at the base of the dolomite.

Drilling Commenced: 21/10/81 Drilling Completed: 27/10/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES 37

Bearing of Hole: <u>-</u>	Length From Collar	Mid Point and End	Survey Data			Mag. Brg	Collar and Change Points			
			Length Between M.P.	Dip	Grid Brg		Length to C.P.	North	East	R. L.
Angle of Hole: <u>90°</u>		0					0	1890.65	1060.95	626.37
Final Depth of Hole: <u>90.0 m</u>	0		15.0	90°	-					
Core Sizes:		15.0					15.0	1890.65	1060.95	611.37
From <u>0</u> To <u>4.0</u> = <u>TRICONE</u>		45.0					45.0	1889.91	1060.69	581.38
From <u>4.0</u> To <u>62.5</u> = <u>NO</u>	60.0		30.0	89°	23°	353°				
From <u>62.5</u> To <u>90.0</u> = <u>BQ</u>		75.0					75.0	1890.39	1060.90	551.38
From <u> </u> To <u> </u> = <u> </u>		90.0	15.0	88.75°	117°	87°				
From <u> </u> To <u> </u> = <u> </u>	-90.0						90.0	1890.24	1061.19	536.39
Logged By: <u>D. COMPSTON</u>										
Date Logged: <u>4/11/81</u>										
Stored Rack N ^o : <u> </u>										

Survey By: Date:
 Calculated By: R.J. REID Date: 3/11/81

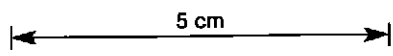
HOLE N^o: MBD 119

832587 575

DEPTH (length from collar)	DEPTH from - to ROCK UNIT Depth Description and notes INDENTED ABOUT 10mm	CAPITAL LETTERS, UNDERLINED	PUNTER & CODE	GRAPHIC LOG	PUNTER & CODE	MINERALISATION	BULKED ASSAYS Ni
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NOTES: 1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D A BERKMAN & W R RYALL (ED), MONOGRAPH NO 8 AUSTRALAS INST MIN. METALL. 1978
 2 ATTITUDE OF BEDDING, VEIN, ETC IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE 3 LENGTH IS GIVEN AS METRES OR MILLIMETRES

0	4.0	0 - 4.0: <u>TRICONE</u> . Not cored.					
	4.0	4.0 - 8.0: <u>DOLOMITE</u> . Very poor recovery. Minor fragments of pale grey fine dolomite.		2			
	3.5	8.0 - 11.5: <u>DOLOMITE SULPHIDE LODGE</u> . 60% py, 4% <u>qtz-carb.</u> Irregularly banded.				60% py - as irregular bands and aggregates.	
	44.5	11.5 - 56.0: <u>PORPHYRY</u> . Matrix mainly translucent grey-white. Occasionally weathered/altered to brownish colour. 20% qtz phenocrysts up to 8 mm. 15% feldspar phenocrysts, replaced entirely by py. Trace disseminated fluorite and arsenopyrite in places.		1		15% coarsely disseminated py varies from 5-25% locally. Rare thin py veins and stringers.	
20							
	2.5	56.0 - 58.5: <u>FAULT PUG</u> . Uniform dark-brown clay.		FZ		no apparent sulphides.	
	3.3	58.5 - 61.8: <u>DOLOMITE SULPHIDE LODGE</u> . Medium green colour, mainly talc, lesser qtz-carbonate.		6/8/7		no apparent sulphides.	
60							
	8.7	61.8 - 70.5: <u>DOLOMITE, minor RECRYSTALLIZED DOLOMITE</u> . Mainly finely crystalline grey dolomite bedded in parts. Minor patches and veins of cream recrystallized dolomite.		2/3		trace po in stringers with talc through recrystallized dolomite.	
	9.8	70.5 - 80.3: <u>DOLOMITE SULPHIDE LODGE</u> . 50% pyrrhotite - almost massive in parts. 20% qtz-carbonate, disseminated and as bands. 20% talc - pale green. 5% py - after po.		4/6		50% bronze pyrrhotite - varies from 25% to almost massive. Minor alteration to pyrite. Trace arsenopyrite.	
80							
	9.7	80.3 - 90.0: <u>SILTSTONE</u> . Strongly disrupted mid-grey siltstone. Occasional aggregates and blebs of fine pyrrhotite. Rare stringers of carbonate.		10		trace po - as irregular fine blebs and aggregates.	
		END OF HOLE: 90.0 m.					
100							



FOR LEGEND
SEE DRAWING
NO.



**METALS
EXPLORATION
LIMITED**

**SUMMARY
DRILL LOG**
Scale

Prospect or project Mt. Bischoff Tin	HOLE No. MBD 119 LOG SHEET 2 OF 2
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SAMPLE NO.	SAMPLE NO	FROM	TO	INTER VAL	Sn	Sn	Cu	Pb	Zn	g	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
148042		4.0	14.0	10.0	6000									
43		14.0	15.6	1.6	490									
44		15.6	16.6	1.0	1500									
45		16.6	17.6	"	1700									
46		17.6	18.8	2.2	2750									
47		19.8	20.8	1.0	1250									
48		20.8	22.7	1.9	3600									
49		22.7	23.7	1.0	2100									
050		23.7	24.7	"	1750									
51		24.7	25.7	"	4200									
52		25.7	26.7	"	2750									
53		26.7	27.7	"	4800									
54		27.7	28.7	"	4550									
55		28.7	29.7	"	3600									
56		29.7	30.7	"	4750									
57		30.7	31.7	"	1950									
58		31.7	32.7	"	2100									
59		32.7	33.7	"	3200									
060		33.7	34.7	"	4500									
61		34.7	35.7	"	1152									
62		35.7	36.7	"	1150									
63		36.7	37.7	"	5500									
64		37.7	38.7	"	1400									
65		38.7	39.7	"	2650									
66		39.7	40.7	"	700									
67		40.7	41.7	"	310									
68		41.7	42.7	"	390									
69		42.7	43.7	"	460									
070		43.7	46.7	3.0	1700									
71		46.7	49.7	"	740									

Notes: - XRF BI method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. m8D 119

SAMPLE TYPE: DRILL CORE

FROM 4.0 TO 49.7

Split

832589

577

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER VAL	Sn	Sn	Cu	Pb	Zn	g	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
148072		49.7	50.7	1.0	2100									
73		50.7	51.7	"	560									
74		51.7	52.7	"	350									
75		52.7	53.7	"	310									
76		53.7	54.7	"	480									
77		54.7	56.0	1.3	780									
78		56.0	58.9	2.9										
79		58.9	60.5	1.6										
080		60.5	61.5	1.0										
	144514	61.5	62.8	1.3		210								
	15	62.8	64.8	2.0		38								
	16	64.8	66.8	"		10								
	17	66.8	69.8	3.0		16								
148081		69.8	70.8	1.0										
82		70.8	71.8	"										
83		71.8	72.8	"										
84		72.8	73.8	"										
85		73.8	74.8	"										
86		74.8	75.8	"										
87		75.8	76.8	"										
88		76.8	77.8	"										
89		77.8	78.8	"										
090		78.8	80.2	1.4										
91		80.2	81.2	1.0										
	144518	81.2	83.0	1.8		80								
	19	83.0	85.0	2.0		75								
	520	85.0	87.0	"		22								
	21	87.0	89.0	"		70								
	22	89.0	90.0	1.0		55								

Notes: - XRF Bi method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 11990

SAMPLE TYPE : DRILL CORE FROM 49.7 TO 90.0

NO SPLIT

832590

578