

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT		CAPITAL LETTERS, UNDERLINED Depth Description and notes, veins over 50mm DIP/SLURRY ABOUT 10mm	MINERALISATION Excluding veins over 50mm. Visual estimate of % mineralisation in packets	BULKED ASSAYS 5g

NOTES:
 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D. S. BERNHARD & H. RAVALLIEDI, MONOGRAPH NO. 9 AUSTRALAS. INST. MIN. METALL. - 1976
 2. DIP/SLURRY OF BEDDING, VEIN, ETC. IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE
 3. LENGTH IS GIVEN AS METRES OR MILLIMETRES

0	0-3.0 (3.0m)	TRICONE - NO CORE		NC		
10	3.0-15.0 (12.0m)	<u>FAULT PUG - DOLOMITE SULPHIDE LODE</u> Creamy grey to green-grey to black clayey pug. Granular feel due to presence of sand and pebble size fragments of Qtz, Py, Carbonate and lesser Serpentinite		1/6/8/7 ?	3.0 - 13.0 - 10-20% Py - as fine constituent in pug and as fragments. Trace SnO ₂ and Sp	
20	15.0-42.1 (27.1m)	<u>QUARTZ PORPHYRY</u> Pale to mid grey, med to coarse grained. Matrix fine grained opaque to coarsely crystalline and clear. Generally weathered, pitted and leached, becoming less towards end of interval. 20-25% Qtz. phenocrysts. Feldspars absent to 32.3m - thereafter 5-10%. Numerous zones pale to dark grey to black clayey granular pug		1	13.0 - 15.0 - 40-50% Py - occurrence as for 3.0 - 13.0 15.0-25.7 - 5-10% Py - as pitted crystalline blebs and as fine particles and fragments in pug. 22.0-23.2 (?) Fault zone Fault zone 25.7-42.1 - 10-20% Py - Trace only Sp, Arsenopyrite, Fluorite. Occurrence as for 15.0-25.7. (?) Fault zone 36.4-38.5 (?) Fault zone	
40	42.1-43.5	FAULT PUG - clayey multi-coloured		F	20-30% Py	
50	43.5-50.6 (15.1m)	<u>FAULT PUG - DOLOMITE SULPHIDE LODE</u> Multi-coloured pale to black. Clayey texture, to sandy and granular due to presence of rock fragments		1/5/8/7 ?	5-10% Py. Trace only Sp. As fragments, within fragments and as fine particles in pug	
60	50.6-65.8 (7.2m)	<u>DOLOMITE - WEAKLY RE-CRYSTALLIZED</u> Pale mid grey, massive to weakly banded, mildly to moderately brecciated. Qtz/Carbonate D.S.L. patches at 61.1-61.4, 61.8-62.1		2	3-5% Py > Sp - Disseminated in thin irregular veins and irregular crystalline masses - mainly in D.S.L. patches	
70	65.8-91.5 (25.7m)	<u>DOLOMITE SULPHIDE LODE</u> Wriggly banded Serpentinite rich with lesser Qtz/ Carbonate grading to Qtz/Carbonate rich with lesser Po rich and minor talc 70.1-81.9m Mottled appearance Po rich @ 60%, Qtz/ Carbonate @ 40%. Major Qtz - minor Carbonate. Occasional Talc		7/8/4 8/4/6 4/8	65.8-70.1m - 30% Po > Py coarsely disseminated. Trace only Sp and Fluorite ?Fault zone ?Fault zone 70.1-81.9m - 60% Po >> Py - massive to coarsely disseminated. Minor Py and marcasite. Trace only Cp, arsenopyrite, Fluorite	
80	81.9-91.5m	Mottled to weakly to moderately contorted banding. Rare veins. Qtz/Carbonate rich grading to Po rich grading to Qtz/Carbonate rich. Talc increasing to ~ 10% at end of interval. Carbonate increasing to ~ 20% at end of interval.		8/4 4/8 8/4/6	81.9-91.5m - 40% Po >> Py. Trace only Cp, arsenopyrite, Fluorite, Tourmaline. Weakly banded, coarsely disseminated to massive. Py content increases to 10% at end of interval	
90	91.5-97.0 (5.5m)	<u>QUARTZITE/MINOR SILTSTONE</u> Medium grey, fine to medium grained quartzite with minor coarse siltstone. Moderately to mildly breccia- ted.		11/ 10	3-5% Py >> Po - occurs in veins and stringers. Trace Sp and Fluorite. Banding (bedding?) 30°	
100		END OF HOLE 97.0m				

5 cm

FOR LEGEND
SEE DRAWING
NO.



**METALS
EXPLORATION
LIMITED**

**SUMMARY
DRILL LOG**
Scale

Prospect or project
MT BISCHOFF TIN

HOLE No. MBD54
LOG SHEET 1 OF 1

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER- VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
98380		3.0	3.9	0.9	6000									
81		3.9	4.9	1.0	6200									
82		4.9	5.9	1.0	4350									
83		5.9	6.4	0.5	1.35%									
84		7.4	8.4	1.0	1.17%									
85		8.4	9.4	"	1.43%									
86		9.4	10.4	"	1.69%									
87		10.4	11.4	"	6500									
88		11.4	12.4	"	2950									
89		12.4	13.7	"	1.29%									
890		13.7	14.7	1.0	5500									
91		14.7	15.7	1.0	5800									
92		15.7	16.7	"	1900									
93		16.7	17.7	"	1650									
94		17.7	19.7	"	2050									
95		19.7	19.7	"	1700									
96		19.7	22.0	2.3	1250									
97		22.0	23.0	1.0	1700									
98		23.0	24.0	"	3500									
99		24.0	25.0	"	4450									
900		25.0	26.0	"	5700									
01		26.0	27.0	"	3250									
2		27.0	28.0	"	3650									
3		28.0	29.0	"	1500									
4		29.0	30.0	"	1650									
5		30.0	31.0	"	1950									
6		31.0	32.0	"	1050									
7		32.0	33.0	"	3050									
98908		33.0	34.0	"	2150									

Notes:—

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 54

SAMPLE TYPE : DRILL CORE

FROM 3.0 TO 34.0

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER-VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
98909		34.0	35.0	"	4200									
910		35.0	36.0	"	2050									
11		36.0	37.0	"	3200									
12		37.0	38.0	"	3650									
13		38.0	39.0	"	3800									
14		39.0	40.0	"	4500									
15		40.0	41.0	"	2400									
16		41.0	42.1	1.1	1550									
17		42.1	43.1	1.0	1120%									
18		43.1	44.1	"	5100									
19		44.1	45.1	"	5500									
920		45.1	46.1	"	3300									
21		46.1	48.3	2.2	2950									
22		48.3	49.3	1.0	1300									
23		49.3	50.3	"	190									
24		50.3	51.3	"	140 ?									
25		51.3	52.3	"	370									
26		52.3	53.3	"	250									
27		53.3	54.3	"	44									
28		54.3	55.3	"	380									
29		55.3	56.3	"	250									
930		56.3	57.3	"	520									
31		57.3	58.6	1.3	190									
32		58.6	59.6	1.0	4									
33		59.6	60.6	"	14									
34		60.6	61.6	"	540									
35		61.6	62.6	"	1300									
36		62.6	63.6	"	80									
37		63.6	64.6	"	95									
98938		64.6	65.8	1.2	660									

Notes:- Sn by XRF Bi method.

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT
 ASSAY SUMMARY SHEET HOLE NO. MBD 54

SAMPLE TYPE : DRILL CORE FROM 34.0 TO 65.8

032089

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER-VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
98939		65.8	66.8	1.0	4350									
940		66.8	67.8	"	4800									
41		67.8	68.6	0.8	1200									
42		69.7	69.7	1.0	1150									
43		69.7	70.7	"	7900									
44		70.7	71.7	"	1.40%									
45		71.7	72.7	"	1.76%									
46		72.7	73.7	"	1.13%									
47		73.7	74.7	"	1450									
48		74.7	75.7	"	920									
49		75.7	76.7	"	420									
950		76.7	77.7	"	580									
51		77.7	78.7	"	1050									
52		78.7	79.7	"	1150									
53		79.7	80.7	"	1900									
54		80.7	81.7	"	620									
55		81.7	82.7	"	1200									
56		82.7	83.7	"	1000									
57		83.7	84.7	"	940									
58		84.7	85.7	"	660									
59		85.7	86.7	"	580									
960		86.7	87.7	"	1.06%									
61		87.7	88.7	"	6000									
62		88.7	89.7	"	200									
63		89.7	90.7	"	20									
64		90.7	91.5	0.8	110									
65		91.5	92.5	1.0	1.65%									

Notes:—

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT
 ASSAY SUMMARY SHEET HOLE NO. MBD 54
 SAMPLE TYPE : DRILL CORE FROM 65.8 TO 92.5

832090