

MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 122

Objective and Anticipated Lengths to Targets: To delineate porphyry and DSL above and below porphyry.

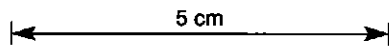
Drilling Commenced: 29/10/81 Drilling Completed: 6/11/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES 37

Bearing of Hole: -	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: VERTICAL		0					0	1849.19	981.94	636.81
Final Depth of Hole: 98.0 m	0		15.0	90°	-					
Core Sizes:		15.0					15.0	1849.19	981.94	621.81
From 0 To 6.0 = TRICONE	30.0		30.0	89°	312°	282°				
From 6.0 To 98.0 = NQ	45.0						45.0	1849.54	981.55	591.81
From To =	60.0		34.0	88°	311°	281°				
From To =	79.0						79.0	1850.32	980.66	557.84
From To =	98.0		19.0	88.5°	347°	317°				
From To =	98.0						98.0	1850.80	980.54	538.84
From To =	-98.0									
Logged By: D. COMPSTON										
Date Logged:										
Stored Rack N°:										

Survey By: Date:
 Calculated By: R.J. REID Date: 16/11/81

HOLE N°: MBD 122
 832635 622

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UN		MINERALISATION	BULKED ASSAYS Ni
		Depth	Description and notes INDENTED ABOUT 10mm		
NOTES:					
1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D & BERKMAN & W R RYALL(ED), MONOGRAPH NO 9 AUSTRALAS INST MIN METALL - 1976					
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	6.0	0 - 6.0:	NOT CORED.		
	20.0	6.0 - 26.0:	<u>DOLOMITE.</u> Pale grey finely crystalline dolomite. Mostly broken core. Occasional thin veins of py and/or sph, rarely exceeding 2 mm thick.	2	py, sph Trace in occasional thin blades and stringers.
20	2.6	26.0 - 28.6:	<u>DOLOMITE SULPHIDE LODE.</u> Mainly py as irregular veins and aggregates with qtz-carb.	5/8	60% py - coarse veins and aggregates - with poor recovery.
	20.7	28.6 - 49.3:	<u>DOLOMITE.</u> Pale grey dolomite, finely crystalline. Common thin py (with carbonate) veins and stringers.	2	trace py, sph in common thin veins and stringers. Occasional veins up to 10 cm; these contain carbonate.
40	3.7	49.3 - 53.0:	<u>DOLOMITE SULPHIDE LODE.</u> 65% qtz-carb, 20% py, 15% dark green serpentine?	7/8/ 5	20% py, finely disseminated and occasional veins. Also minor sph arsenopy.
	3.0	53.0 - 56.0:	<u>DOLOMITE (RECRYSTALLIZED).</u> Weathered cream dolomite with abundant py.	3	10% py in irregular veins and disseminated.
	3.9	56.0 - 59.9:	<u>DOLOMITE SULPHIDE LODE.</u> 85% qtz-carb, 10% py, 5% talc	8/5	10% finely disseminated py up to 25% locally.
60	16.0	59.9 - 75.9:	<u>PORPHYRY.</u> Matrix opaque white colour. Up to 25% qtz phenocrysts up to 10 mm dia. 20% coarsely disseminated py. Traces of fluorite, arsenopy, sph disseminated. Trace very finely disseminated cassiterite.	1	20% coarsely disseminated py. Traces of disseminated arsenopy sph, fluorite and fine cassiterite in places.
	2.0	75.9 - 77.9:	<u>TRANSITION ZONE.</u> Mixed porphyry and py rich DSL.	1/5/8	30% py-as aggregates and dissem.
80	8.7	77.9 - 86.6:	<u>DOLOMITE SULPHIDE LODE.</u> 45% massive bronze po 35% qtz-carbonate 20% pale green talc	4/8	45% po - almost massive in parts. Minor arsenopy, py.
	11.4	86.6 - 98.0:	<u>SILTSTONE, lesser QUARTZITE, minor SHALE.</u> Strongly disrupted in most parts. Mainly grey siltstone, with lesser fine qtzite, and black shale towards 98.0 m.	10/1/ 9	trace py, sph in veins and stringers with carbonate.
100		<u>END OF HOLE: 98.0 m.</u>			



FOR LEGEND
SEE DRAWING
NO

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER VAL	Sn	Sn	Cu	Pb	Zn	Mo	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
	144525	8.0	14.0	6.0		250								
	26	14.0	17.2	3.2		580								
	27	17.2	20.3	3.1		210								
148171		20.3	21.3	1.0	320									
	144528	21.3	25.5	4.2		620								
148172		25.5	27.5	2.0	3500									
148183		27.5	28.7	1.2	1150									
	144529	28.7	31.7	3.0		200								
	530	31.7	33.7	2.0		90								
	31	33.7	35.7	"		85								
	32	35.7	37.7	"		70								
	33	37.7	40.3	2.6		140								
	34	40.3	42.7	2.4		140								
	35	42.7	48.4	5.7		230								
148173		48.4	49.9	1.5	101%									
74		49.9	53.0	3.1	5700									
75		53.0	55.0	2.0	360									
76		55.0	56.0	1.0	1550									
77		56.0	57.0	"	2650									
78		57.0	58.0	"	1500									
79		58.0	59.0	"	1550									
80		59.0	60.0	"	118%									
81		60.0	61.0	"	1430									
82		61.0	62.0	"	820									
84		62.0	63.0	"	1250									
85		63.0	64.0	"	2100									
86		64.0	65.0	"	2750									
87		65.0	66.0	"	2400									
88		66.0	67.0	"	800									
89		67.0	68.0	"	2100									

Notes: - XRF BI method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 122

SAMPLE TYPE: DRILL CORE

FROM 80 TO 680

1/2 NO

832637

624

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER VAL	Sn	Sn	Cu	Pb	Zn	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND							
148190		680	690	10	2200								
91		690	700		1700								
92		700	710		2200								
93		710	720		1900								
94		720	730		3600								
95		730	740		1550								
96		740	750		720								
97		750	75.9	0.9	2050								
98		75.9	770	11	2150								
99		770	780	10	4600								
148200		780	790		100%								
01		790	800		250%	*							
02		800	810		188%	*							
03		810	820		218%	*							
04		820	830		242%	*							
05		830	840		185%	*							
06		840	850		330%	*							
07		850	860		136%	*							
08		860	86.6	0.6	127%	*							
09		86.6	880	1.4	980								
	144536	880	900	20		140							
	37	900	920			32							
	38	920	93.9	1.9		210							
148210		93.9	94.9	10	980								
	144539	94.9	96.9	20		50							
	540	96.9	980	11		8							

Notes: - XRF BI method

* Being redetermined by code 62

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. mbd 122

SAMPLE TYPE : DRILL CORE

FROM 680 TO 980

1/2 IN
DR

832638

625