71 - 841

78800

DRILL HOLE LOGS
Mt. BISCHOFF

CO-ORDINATES (APPROX)

356,500E by 897,470N

CO-ORDINATES (BISCHOFF taken from maps with grid)

1069,920E by 2692,340N (these figures most accurate)

71-841

788D

000

MICROFILMED

788002

COMSTAFF PTY.LTD.

Hole No. AAB 9 | Driller A.S.JAMES PTY.LTD. | Date 9/12/71

R.L. | Geologist J.F.Lambert | Area Bischoff Mine

Incl. 60° | 7AP/AM

Bearing 270°

Footage	Recovery	Loss	Log	Assay
0-10'	6'	4'	Carbon shale	
10-44'	31'	3'	Brecciated/contorted mixed shale siltstone - rheomorphic look in part pyrite veined	
44-52'	8'	o	Fine grained grey granite veined by quartz/pyrite	
52-60'	8'	0	Pyritised rheomorphic carbon shale	
60-61'10"	1'10"	0	Pyritised grey quartzite	
61'10"-63'6"	1'	8"	Rheomorphic black conglomerate shale	
63'6"-72'	2'6"	6'6"	do.	
72'-73'7"	1'7"	0	Grey quartzite	
73'7"-91'6"	17'11"	0	Mixed rheomorphic argillate at 91'4" pyrite vein with blue tourmaline? 3/16" vein ∧ core 36°	
91'6"-99'6"	8'	0	Grey quartzite	
99'6" 248'	148'6"	0	Rheomorphic shale, s/st., qte., quartz veins at 215' and small pyrite stringers throughout. B ∧ core at 172' = 44°	
248'-263'	5'	0	Quartzite and interbedded rheomorphic argillite.	
263' - 326'6"	63'6"	0	Mixed rheomorphic argillite - dominant carbon shales - brecciated, and contorted. B ∧ core at 312'6" = 34° Numerous quartz-tourmaline-pyrite veins.	

001

788003

COMSTAFF PTY.LTD.

Hole No. AAB 9 Driller A.S.JAMES PTY.LTD. Date 9/12/71

R.L. Geologist J.F.Lambert Area Bischoff Min

Incl. 60° 7AP/AM

Bearing 270°

Footage	Recovery	Loss	Log	Assay
326'6"- 336'6"	10'	0	Dominantly quartzite with interbedded rheomorphic matter	
336'6"- 354'	17'6"	0	Rheomorphic argillite, grey and carbon shale similar to above	
354' - 362'3"	8'3"	0	Altered amygdaloidal volcanic- chloritised and serisitised? - possible trachyte (section) Quartz amygdales agglomeratic in part - banding core ∧ B-190 shale contact ∧ core = 25°	
362'3" - 501'	138'9"	0	Rheomorphic quartzite - argillite inc. carbon shale zones as above - pyrite quartz veined. B ∧ core = 38° at 469'. 478' to 478'8" pyrite vein with quartz + little fluorite and cassit- erite.	
501' - 511'6"	10'6"	0	Multi-coloured polymict chert conglomerate - medium grained. Probably conformable with upper and lower shales (Section B ∧ core = 32°)	
511'6" 532	21'6"	0	Normal bedded dark grey shales - rheomorphic zones above 513' and silification patches 526'11" to 528' rheomorphic zone 531' to 532'. B ∧ core at 521' = 38°.	
			E.O.Hole	

002

788004

DATE	Shift HRS	Delay HRS	Reason	Drilling From - To NQ	
9/11	8	8	Waiting - on site		
10/11	8	8	Ditto		
11/11	8	8	Ditto		
12/11	8	8	Setting up		
13/11	8.	3?	Setting up	0 - 26.	
14/11	8	—		26 - 49'6	
15/11	8	?		49'6 - 76'0.	
16/11	8	?	Servicing	76'0 - 106.	
17/11	8.	?	Servicing	106 - 131.0	
18/11	8	—		131 - 169	
19/11	8	?	Wet - Hunt bit	169' - 192'6.	
22/11	8	8	Too wet	—	
23/11	8	3?	changed bits	192'6 - 216	
24/11	8	?	Pulled up NQ rods	216 - 256.	
25/11	8	—		256 - 292.	
26/11	8	—		292 - 326	
29/11	8	—		326 - 365'6	
30/11		8	Bearings in head ...		
1/12		8	Repairs to head		
2/12	8			365'6 - 406'6	
3/12	8			406'6 - 446'6	
4/12	8			446'6 - 486'6	
5/12	8			486'6 - ~~506'6~~ 513'6,	
6/12	8			506'6 - ~~532~~	END HOLE
7/12	8?			513'6 - 532.	Rigging down.
8/12		-			Rigging down pull rig out.
14/12		4			Acid tests 4hrs. 50' 250' 500'

532
256
276
532

188005 11 04 1

MINES EXPLORATION PTY. LTD.

STATE Tasmania AREA Mt Bischoff HOLE No. B 11

GRID Q. Mt. B.T.M.Co CO-ORDS. 670 S, 210 W.

R.L. Surface BEARING(Mag) 330.5° DIP -60°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	28		No core recovery	
28'	35'		Carbonaceous Argillite with minor carbonate veining	30° (?)
35'	83'		L.S. dark grey Quartzite with carbonate veining throughout	20°-40°(?)
83'	92'		Interbedded Quartzite and Carbonaceous Argillite. Minor carbonate veining throughout	
92'	102'		No core recovery	
102'	103'		Carbonaceous Argillite	indistinct
103'	111'		No core recovery	
111'	112'		Dark grey C.S. Quartzite with Carbonate veining	indistinct
112'	113'		No core recovery	
113'	116'		Interbedded Carbonaceous Argillite and C.S. dark grey Quartzite The Carbonaceous Argillite is very graphitic rich	indistinct
116	125		No core recovery = 113'-116'	
125	127			
127	128		No core recovery	
128	156		Graphitic rich Carbonaceous Argillite	10°-40°
156'	170		Interbedded Carbonaceous Argillite and C.S. dark grey Quartzite At 164' and 171' 2" vein of Py-Carbonate-Quartz with mineralization	40°-60°
170	199		Dark grey C.S. Quartzite With small bands of carbonaceous argillite Minor cross cutting Carbonate veining	40°
199	204		Dark grey L.S. banded Argillite with small bands of Carbonaceous Argillite	40°
204	206		Strongly brecciated and sheared Carbonaceous Argillite	30°
206	216		Tuffaceous dark grey Quartzite with Q-Carbonate-Py veins parallel to bedding Contact at 206' ; 60°. at 216' ; 30°	30°-40°
216	217		Highly sheared and brecciated Carbonaceous Argillite At 217' ; 1" Q-Carbonat-Py-Sl vein = 206-216	
217	219		Contact at 219 : 20°	
219	229		Dark grey L.S. banded Argillite with minor Carbonate veining	30°-40°
229	283		Tuffaceous dark grey Quartzite with ~~narrow~~ narrow bands of carbonaceous Argillite Minor Q and Carbonate veining	30°-40°
283	285		Tuff containing grains of Kaolin, Q, F and Hbl.	
285'	344		Strongly sheared and contorted Carbonaceous Argillite with bands of C.S. Qtz Minor carbonate veining throughout	20°-40°
344	368		Tuff with bands of light grey Argillite and Carbonaceous Argillite The Tuff is consisting of fragments of Carbonaceous Argillite Argillite, Feldspar Minor Py mineralisation throughout	
368	372		Interbedded light grey Argillite and Carbonaceous Argillite = 344'-368'	40°
372'	382'		At 382' : 1" vein of Py-Carbonate-Siderite	
382'	402'		light grey L.S. Argillite with narrow bands of Quartzite Fluorite veining throughout	0-20°
402'	449'		Carbonaceous Argillite interbedded with C.S. Quartzite and L.S. light grey Argillite Carbonate veining throughout	10°-30°

MINES EXPLORATION PTY. LTD.

788006

STATE _____ AREA _____ HOLE No. B11

GRID _____ CO-ORDS. _____

R.L. _____ BEARING(Mag) _____ DIP _____

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
449	459		Tuff with fragments of Feldspar, Argillite and Carbonaceous Argillite.	
459	467		Light grey f.g. Argillite Minor Py veining	10°-20°
467	473		Sheared Tuff Contact at 467' : 20° " 473' : 40°	
473	522		C.g. light grey Quartzite with thin bands of Argillite and Carbonaceous Argillite	10°-30°
522	542		Interbedded Tuff and tuffaceous Quartzite The tuffaceous Quartzite has abundant - Fluorite veining	10°-30°
542	580		Interbedded C.g. Quartzite ~~and~~, f.g. light grey Argillite and minor Carbonaceous Argillite Minor carbonate veining	20°-40°
580'	693		Carbonaceous Argillite with bands of light grey C.g. Quartzite In places the Qtz bands are sheared and contorted	20°-30°
693	694		C.g. tuffaceous Quartzite	
694	747		Carbonaceous Argillite with faulted and brecciated bands of C.g. Quartzite Minor Py min. concentrated in the Qtz bands	30-40°
747	778		light grey f.g. Argillite with thin bands of Carbonaceous Argillite and Qtz. Strong carbonate veining from 756'-761' Py mineralization in blebs and veins.	10°-40°, mainly 30°
778	781		Carbonaceous Argillite with bands of C.g. Qtz Strong Py min. in the Qtz bands	0-20°
781	789		C.g. tuffaceous Qtz	indistinct
789	837		Carbonaceous Argillite with contorted and faulted bands of C.g. Qtz 789-805 medium - Strong Py-R min. in veins and blebs 805-831 Strong Py min. 831-837 Med.-Strong Py-Sl min.	
837	1004		Interbedded carbonaceous Argillite and C.g. light grey contorted and faulted Qtz. From 851-857 ½' wide Py-Sl Fluorite vein. Moderate Py min. in veins and blebs throughout with the higher concentrations in contorted Carbonaceous Argillite. 837'-930' 30-40° 930'-940' 40-50° 940-970 30° 970-1003 0-20°	
1004	1020		C.g. dark grey Quartzite, very Muscovite rich Strong Qtz veining containing Py-Po min.	10°-20°
1020	1027		Interbedded dark grey Qtz and Carbonaceous Argillite	20-90°
1027	1056		Brecciated carbonaceous Argillite with Strong Qtz-Fluorite veining throughout Minor Py min.	30°-50°
1056	1068		Carbonaceous Argillite with weak Carbonate-Py-Po veining	30°-60°
1068	1093		Interbedded Carbonaceous Argillite and C.g broken and brecciated Qtz. In places Strong Py min. parallel to bedding	30°-50° ~~40°~~
1093	1106		C.g. dark grey Qtz with minor Qtz veining	30°-40°
1106'	1165'		Interbedded Carbonaceous Argillite and C.g. blue grey Quartzite From 1153'-1165' the Qtz is brecciated and the Carb. Argillite is absent Weak Py min throughout	40°-60°

005

MINES EXPLORATION PTY. LTD.

788007 3

STATE _____ AREA _____ HOLE No. B 11

GRID _____ CO-ORDS. _____

R.L. _____ BEARING(Mag) _____ DIP _____

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
1165'	1170'		C.S. light grey Quartzite with weak Py veining	indistinct
1170'	1182		Strongly sheared carbonaceous Argillite At 1180': ½" vein of Q-Py min.	
1182	1196		Interbedded c.s. light grey Qte and carbonaceous argillite. The Qte is brecciated and faulted	~~50°-60°~~
1196	1212		C.S. muscovite rich tuffaceous Qte	50°-60°
1212	1262		Interbedded C.S. Qte and Carbonaceous Argillite Py min throughout	40°-60°
1262	1300		Banded Qte ~~with~~ alternating with f.g. Siliceous Argillite. Fluorite and carbonate veining throughout. Q-Py veins at: 1262' (1") 1267 (6") 1271 (1") 1272 (½") 1275 (¼") 1276 (¼") 1278 (¼") 1279-1280 (¼")	
1300	1317		Siliceous carbonaceous argillite with minor Py veining	30-60
1317	1341		C.S. light grey Qte with bands of Carbonaceous Argillite Minor Q-Py veining. Strong Fluorite veining throughout	30°-50°
1341	1348		Siliceous Carbonaceous argillite	~~indistinct~~
1348	1363		Interbedded Qte and Carbonaceous Argillite From 1358'6" to 1362', Strong Py-Q-Fluorite-Carbonate veining From 1360'6"-1362' 1" vein parallel to core.	30-50°
1363	1508		Carbonaceous Argillite with thin bands of brecciated Qte. Q-Py veins at 1384' (½", co ∠ 40°) 1406' (1", " 30°) 1418' (½") 1419' (6") 1421 (1" " 30°) Concentrated Strong Q-Py veining from 1421'-1440'. Q-Py veins at 1452' (1", co ∠ 40°) 1475' (¼", " 20°) 1484' (½", " 30°)	

1363'-1430' 30-50°
1430'-1458' 30°
1458'-1481' 0-20°
1481-1508 30-70°

Drilling completed.

006.

788008

MACHINE _____ NX. _____ LOGGED BY _____

DRILLERS _____ BX. _____ FINAL _____

CORE _____

STORAGE _____

COMMENCED _____ AX. _____

COMPLETED _____ EX. _____

McD.

ASSAYS				AVERAGE ASSAYS			HOLE SURVEY			
From	To	Width	% Sn.	From	To	Width	Depth	Mag. Az.°	Trop Dip°	Etch Dip°
805	810	5	·001				200'	325	-60	58
810	815.	5	·006				500	320	61	58
815	820	5	·006				800	319	64	61
820	825	5	·005				1100	322	67	
825	830	5	·005.				1380	318	69	
1262	1267	5	·014							
1267	1272	5	·098							
1272	1277	5	073							
1277	1280	3	·091.							
1358	1362	4	1·106.							
1419'	1424	5	0·084							
1424	1429	5	·014							
1429	1434	5	·012							
1434	1440	6	·010.							

007

788009

Logged by P.J.Verwoerd, Machine F65, Drillers R.Perry
Completed 6/9/66 Core Stored Core Yard, Waratah

HOLE B 11

ASSAYS			HOLE SURVEY			
From	To	% Sn	Depth	Mag.Az°	Trop Dip°	Etch Dip°
			200'	325	60	58
			500	320	61	58
805	810	0.001	800	319	64	61
810	815	0.006	62			72½
815	820	0.006	70			69½
820	825	0.005	100			72½
825	830	0.005	1100			64
			1380			64½
1262	1267	0.014				
1267	1272	0.098				
1272	1277	0.073				
1277	1280	0.091				
1358	1362	1.106				
1419	1424	0.084				
1424	1429	0.014				
1429	1434	0.012				
1434	1440	0.010				
1262	1267	0.014	200	325	60	68
1267	1272	0.098				
1272	1277	0.073				
1277	1280	0.091	500	320	61	58
1358	1362	1.106	800	319	64	61
1419	1429	0.084				
1429	1434	0.014				
1434	1440	0.010	1100		67	
805	810	0.001	1380		69	
810	815	0.006				
815	820	0.006				
820	825	0.005				
825	830	0.005				

008.

MINES EXPLORATION PTY. LTD. 788010 71-841

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B15A

GRID STATE CO-ORDS. 2695160N, 1069050E

R.L. BEARING(Mag) 330.5° DIP 75°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	17'6"		No core recovery.	
17'6"	18		Blue grey c.g. quartzite.	
18	71'6"		Quartz-felspar porphyry with minor Py min.	
71'6"	100		C.g. tuffaceous quartzite, in places very mica rich. Minor Q. and carbonate veining, minor Py min.	
100	203		F.g. argillite in places — carbonaceous argillite containing strongly broken and brecciated qte bands. Sometimes — tuffaceous qte.	30°-60°
203	277		Strongly banded CA and qte, in places tuffaceous and brecciated.	40°-90°
277	290		Slightly banded tuff. At 285-286' carbonate-cassiterite-Py-Sl vein ½" wide.	50°-70°
290	297		Strongly banded carbonaceous argillite and quartzite.	40°-60°
297	306		Banded light grey tuffaceous quartzite.	40°-60°
306	326		Slightly banded tuff with minor carbonate veining.	30°-60°
326	408		Carbonaceous argillite with bands of broken and brecciated quartzite. From 362'-365': 1" vein of carbonate-Sl min. Core 326'-386' 50°-70° 386'-408' 20°-50°	
408	424		Slightly banded dark grey tuff.	30°-50°
424	443		Interbedded qte. and CA. The qte is in places strongly faulted and contorted.	40°-60°
443	456		C.g. dark brown tuff, slightly banded.	30°-50°
456	536		Carbonaceous argillite with bands of broken and contorted light grey quartzite. 4" wide Q-carbonate-Py-Sl vein at 468'. 1" wide Carbonate-Py veins at 497' and 500'. 6" wide Carbonate-Py veins at 521'.	
536	550		Barren light blue and yellow dolomite with fluorite veining throughout.	
550	701'6"		Carbonaceous argillite with contorted and broken bands of light grey quartzite. From 681'-701'6" the quartzite content of the core is increasing. At 582' and 583', 4" veins of carbonate-Py min. 550'-609' 0°-40° 609'-633' 20°-45° 633'-657' 20°-50° 657'-681' 40°-60° 681'-701'6" 40°-60°	
			Drilling Completed.	

009

288011

MACHINE F30 NX. LOGGED BY P.J. VERWOERD

DRILLERS R. PERRY BX. FINAL CORE STORAGE WARATAH

COMMENCED AX.

COMPLETED EX.

ASSAYS						AVERAGE ASSAYS						HOLE SURVEY			
From	To	Width				From	To	Width				Depth	Mag. Az.°	Trop Dip°	Etch Dip°
18	23	5	·028			18	71	53	·021						
23	28	5	·018												
28	33	5	·021												
33	38	5	·0085												
38	43	5	·024												
43	48	5	·020												
48	53	5	·023												
53	58	5	·020												
58	63	5	·025												
63	68	5	·022												
68	71	3	·027												

Hole B15 was abandoned at 112' due to stuck drilling gear. The log from 0'-112' is identical to log of B15A.

Surveys B15

62'	333°	74°
70'	334°	74°

Surveys B15A

47'	327°	75°
150'	337°	74½°
250'	336½°	75°
400'	333½°	74°

(Hole 1'6" B15A was collared north of Hole B15)

MACHINE F30 NX. LOGGED BY P.J. VERWOERD 788012

DRILLERS R. PERRY BX. FINAL CORE STORAGE WARATAH

COMMENCED AX.

COMPLETED 10 JAN '67 EX. HOLE NO. B15A

McD.

ASSAYS						AVERAGE ASSAYS						HOLE SURVEY			
From	To	Width				From	To	Width				Depth	Mag. Az°	Trop Dip°	Etch Dip°

Hole B15 was abandoned at 112' due to stuck drilling gear. The log from 0'-112' is identical to log of B15A.

Surveys B15

62'	333°	74°
70'	334°	74°

Surveys B15A

47'	327°	75°
150'	337°	74½°
250'	336½°	75°
400'	333½°	74°

(Hole B15A was collared 1'6" north of Hole B15)

011

788013 HOLE B32 71-841

ASSAYS			HOLE SURVEY	
From	To	% Sn	Depth	Etch Dip°
457'6"	462'	.488	100'	61½
			300'	61½
			400'	61½

788014

012

MINES EXPLORATION PTY. LTD.

STATE Tas AREA Mt Bischoff HOLE No. B332

GRID O. Mt. B. Tin. M.Co CO-ORDS. 230N, 175W.

R.L. Surface BEARING(Mag) 330° DIP -60°
S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	68'		No core recovered	
68'	74'		Yellow blue barren Dolomite with Thorp Fluorite veining	Indistinct
74'	91'		Cavity	
91	97		= 68'-74'	
97'	98'		Dolomitic lode containing Py-Sl min.	
98'	102'6"		Brecciated yellow Dolomite with Thorp Fluorite veining	
102'6"	103'		97-98	
103'	109'		Cavity	
109'	112'		Yellow blue Dolomite with Thorp Fluorite veining	
112'	113'		Dolomitic lode containing Py-Po-Fluorite Total Sulphide content low	
113'	115'		= 109-112	
115'	121'		Cavity	
121	250'		Yellow blue Dolomite with Thorp Fluorite veining. Scattered chert bands throughout From 241'-244 Splashes of Sulphides.	
250	266'6"		Brecciated yellow-blue Dolomite	
266'6"	273		Dark grey C.S. Qtz in places → Argillite	30°-50°
273'	297'		Light grey f.s. Argillite with bands of C.S. Qtz Minor Carbonate and Py veining	40°-60°
297'	324'		Carbonaceous Argillite with moderate carbonate veining throughout At 324': 1" vein of Q-Py min.	30°-50°
324	365		Interbedded Carbonaceous Argillite and C.S. dark grey Qtz Moderate Carbonate-Py veining From 356-358 Thorp Q-Py veining.	30°-60°
365'	387'		C.S. dark grey Qtz with bands of Carbonaceous Argillite Weak Q-Py and Carbonate veining throughout	20°-50°
387'	432'		Carbonaceous Argillite with bands of brecciated and contorted C.S. Qtz Q-Py veining throughout and Thorp from 387'-394'	30°-50°
432	440'		Interbedded Argillite and Contorted Carbonaceous Argillite Carbonate veining throughout	30°-50°
440'	444'		Cavity	
444'	457'6"		C.S. dark grey Qtz with narrow bands of Carbonaceous Argillite. Py veining throughout	30°-50°
457'6"	462'		Brecciated Qtz with very Thorp Py mineralization and Fluorite veining	40-70°
			Hole abandoned.	

013 788015

MACHINE F30 | NX. | LOGGED BY P. J. Verwoerd

DRILLERS B. Perry | BX. | FINAL CORE STORAGE: Core yard, Woolah Office

COMMENCED 5 July '66 | AX.

COMPLETED 11 Aug '66 | EX.

S. McD.

ASSAYS

From′	To′	Width′	[illegible]		
457.5′	462′	4.5′	0.008		

AVERAGE ASSAYS

From′	To′	Width′			

HOLE SURVEY

Depth′	Mag. Az.°	Trop Dip°	Etch Dip°
100			61½
300			61½
400			61½

014

788016

HOLE B33

200'
400'

44½
46

015

MINES EXPLORATION PTY. LTD.

788017

STATE TAS AREA Mt. Bischoff HOLE No. B33

GRID STATE CO-ORDS. 26,278oN, 106,770E

R.L. BEARING(Mag) 330.5 DIP: -50°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	16		No core recovery	
16	41'		Light grey Sludge (resembles f. light grey quartzite)	
41'	42'		Grey blue micaceous quartzite	
42'	62'		Dark grey mica rich Sludge with minor Py	
62'	63'		Grey blue micaceous Quartzite.	
63'	70'		6" of leached dolomitic ore	
			And black Pyrite rich Sludge.	
70'	78'		Leached Q - dolomite lode with strong Py - Cassiterite - Sphalerite mineralisation.	
			At 71': 6" band of powdery talc rich clay.	
78'	79'6"		Powdery talc rich clay with lumps of Porphyry	
79'6"	111'		Q - felspar Porphyry	
			(At 82': 9" of timber)	
111'	115'6"		Q - carbonate lode with strong Galena - Sphalerite min.	
115'6"	118'6"		Sludge containing Q - F - Py - Sl.	
			And 6" of Q - carbonate lode with Py - Sl min.	
118'6"	123'		1' of strong Q - carbonate lode and	
			black pyritic Sludge.	
123'	133'6"		Pyritic Sludge	
133'6"	139	5%	Dolomite with minor Sulphide min.	
139'	142'	50%	Leached dolomite with strong Sulphide min.	
142'	146'6"	30%	Barren light grey dolomite and brown Sludge with minor Py	
146'6"	153	50%	Light grey barren dolomite containing Chert and Fluorite	
			Also light brown Sludge with minor Py min.	
153	157	60%	Good dolomitic ore containing Py - Po - Siderite	
			Also Black Py rich Sludge	
157	162	45%	= 153 - 157 (No Sludge recovered)	
162	171	3%	Dolomitic lode and brown Sludge with minor Py min.	
171	177	50%	Massive dolomitic ore containing 60% Sulphides (Py-Po-Sl)	
177	181	90%	Dark brown Py rich clay	
181'	186'6"	0	No core or Sludge recovered	
186'6"	200'6"	0	Black Py rich Sludge	
200'6"	205'	100%	Strongly mineralised talc rich rock.	
205	215'6"	0	Black Py rich Sludge	
215'6"	225'6"	20%	Siliceous ore with strong Py - Po - Sl. min.	
225'6"	230'6"	0	Black Py rich Sludge	
230'6"	233'6"	50%	Rock resembling Carbonaceous Argillite. Very strong Sulphide - carbonate - talc mineralisation (Probably replaced D.D. 887)	
			Also Black Py rich Sludge	
233'6"	237'6"	10%	= 230'6" - 235'6"	
237'6"	248'6"	0	Black Py rich Sludge	
248'6"	250	0	Cavity	
250	254	0	Black Py rich Sludge	
254	263	100%	Blue grey interbedded qte and argillite	30°-70°
263	322	"	Grey blue qte with Py veining all through	50°-70°
322	379	"	Carbonaceous Argillite with contorted and broken bands of light grey quartzite	
			Py and Q - carbonate veining all through	
			322'-340'	40°-60°
			340'-356'	20-50°
			356'-361'	60°-90°
			361'-379'	20°-40°
379'	401'6"		Blue siliceous banded quartzite with strong Q - Py - Cp veining all through	
			From 383-384 Q - Py - Cassiterite vein (Contact)	30°-50°
			at 396' 4" of Q - Py min	35°
401'6"	404'6"		Q - Py vein Contact at 404'6"	40°
404'6"	411'6"		Fine grained light grey quartzite with disseminated Py all through and Q - Py veining in places	40°-60°
			Drilling Completed.	

MACHINE _____ NX. _____ LOGGED BY _____ 788018

015

DRILLERS _____ BX. _____ FINAL CORE STORAGE _____

COMMENCED _____ AX. _____

COMPLETED _____ EX. _____

S. McD.

ASSAYS						AVERAGE ASSAYS						HOLE SURVEY			
From'	To'	Width'	% Sn			From'	To'	Width'	% Sn			Depth'	Mag. Az.°	Trop Dip°	Etch Dip°
63	70	7	·005.												
63	70	7	·017	(Sludge)											
70	75.	5	·033												
75	78	3	·091												
78	83	5	·020												
83	88	5	·010												
88	93	5	·015.												
93	98	5	·019												
98	103	5	·021												
103	108	5	·024												
108	111	3	·028												
111	115'6"	4'6"	0·069												
115'6"	118'6"	3	·560												
115'6"	118'6"	3.	·087	(Sludge)		115'6"	123'	7'6"	·39						
118'6"	123	4'6"	·217												
118'6"	123	4'6"	·817	(Sludge)											
123'	128'6"	5'6"	·037	"											
128'6"	133'6"	5'	·014	"											
133'6"	134'	5'6"	·005.												
134	142'6"	3'6"	·037												
142'6"	146'6"	4'6"	·010.												
142'6"	146'6"	4'6"	·030	(Sludge)											
146'6"	153'	6'6"	·362			146'	181'	35	·48						
146'6"	153	6'6"	·233	(Sludge)											
153'	157'	4'	1·202												
153'	157	4'	·236	(Sludge)											
157	162	5'	·518												
162	171	9'	·096												
162	171	9'	·332	(Sludge)											
171	177'	6'	·028												
177	181	4	·676.												
186'6"	193	6'6"	·029	(Sludge)											
193	198	5	·011	"											
198	200'6"	2'6"	·027	"											
200'6"	205'6"	5	·012.												
205'6"	210'6"	5	·007	(Sludge)											
210'6"	215'6"	5	·012												
215'6"	220'6"	5	·003												
220'6"	225'6"	5	·002												
225'6"	230'6"	5	·004	(Sludge)											
230'6"	233'6"	3	·003												
230'6"	233'6"	3	·011	(Sludge)											
233'6"	237'6"	4	·004												
233'6"	237'6"	4	·002	(Sludge)											
237'6"	240'6"	3	·0007	(Sludge)											
240'6"	248'6"	8	·002	"											
250'	254'	4'	·009	"											
379'	384	5	·063												
384	389	5	·546			384	411'6"	27'6"	·29						
389	394	5	·059												
394	399	5	·097												
399	404	5	·552												
404	409	5	·227												
409	411'6"	2'6"	·291												

788019

017

MINE B 33 NX. LOGGED BY

DRILLERS BX. FINAL / CORE / STORAGE

COMMENCED AX.

COMPLETED EX.

S. McD.

Solid ASSAYS						Sludge ~~AVERAGE~~ ASSAYS						HOLE SURVEY			
From	To	Width				From	To	Width				Depth	Mag. Az.°	Trop Dip°	Etch Dip°
63	70	7	·005												
70	75	5	·033									200			44½
75	78	3	·091									400			46
78	83	5	·020												
33	88	5	·010												
88	93	5	·015												
93	98	5	·019												
98	103	5	·021												
103	108	5	·024												
108	111	3	·028												
111	115'6"	4'6"	·069												
115'6"	118'6"	3	·560												
118'6"	123	4'6"	·217												
133'6"	139	5'6"	·005												
139	142'6"	3'6"	·057												
142'6"	146'6"	4'	·010												
146'6"	153	6'6"	·362												
153	157	4'	1·202												
157	162	5	·518												
162	171	9	·094												
171	177	6	·028												
177	181	4	·676												
200'6"	205'6"	5	·012												
210'6"	215'6"	5	·012												
215'6"	220'6"	5	·003												
220'6"	225'6"	5	·002												
232'6"	233'6"	3	·003												
233'6"	237'6"	4	·004												
379	384	5	·003												
384	389	5	·566												
389	394	5	·051												
394	399	5	·097												
399	404	5	·532												
404	409	5	·227												
409	411'6"	2'6"	·291												

Q16 | 188020

MACHINE F 30 | NX. | LOGGED BY P.T. Verwood

DRILLERS R Perry | BX. | FINAL CORE STORAGE: Comstaff Office, [illegible], T25

COMMENCED | AX.

COMPLETED 1967 | EX. | HOLE NO. 33

ASSAYS						AVERAGE ASSAYS						HOLE SURVEY			
From	To	Width	% Sn			From	To	Width	%			Depth	Mag. Az.	Trop Dip°	Etch Dip°
[redacted]	70	Core	·005			146'6"	162'	15'6"	·63						
63	70	Sludge	·017												
70	75	Core	·033												
[redacted]	78	"	·041												
[redacted]	83	"	·020												
83	88	"	·010												
[redacted]	93	"	·015												
[redacted]	98	"	·019												
98	103	"	·021												
[redacted]	108	"	·024												
[redacted]	111		·028												
111	115'6"	"	·069												
115'6"	118'6"	"	·560												
[redacted]	118'6"	Sludge	·057												
[redacted]	123	Core	·217												
118'6"	123	Sludge	·117												
[redacted]	128'6"	"	·037												
[redacted]	133'6"	"	·014												
133'6"	139	Core	·005												
139	142'6"	"	·037												
[redacted]	146'6"		·010												
142'6"	146'6"	Sludge	·030												
146'6"	153	Core	·362												
[redacted]	153	Sludge	·233												
[redacted]	157	Core	1·202												
153	157	Sludge	·236												
[redacted]	162	Core	·518												
[redacted]	171	"	·094												
162	171	Sludge	·332												
[redacted]	177	Core	·028												
[redacted]	181	Core	·616												
[redacted]	193	Sludge	·029												
193	198	"	·011												
[redacted]	200'6"	"	·027												
[redacted]	205'6"	Core	·012												
205'6"	210'6"	Sludge	·007												
[redacted]	215'6"	"	·012												
[redacted]	220'6"	Core	·005												
220'6"	225'6"	"	·002												
225'6"	230'6"	Sludge	·004												
[redacted]	233'6"	Core	·007												
230'6"	233'6"	Sludge	·011												
233'6"	237'6"	Core	·004												
[redacted]	237'6"	Sludge	·002												
[redacted]	240'6"	"	·000												
240'6"	245'6"	"	·002												
[redacted]	254'	"	·009												
[redacted]	384	Core	0·063												
384	389	"	0·546												
[redacted]	394	"	0·051												
394	399	"	0·097												
399	404	"	0·532												
404	409	"	0·227												
409	411'6"		0·291												

HOLE B34

466	471	.046	100'	47½
471	476	.066		
476	481	.103	300'	43½
481	486	.087		
486	489	.075	500'	53

020

788022

MINES EXPLORATION PTY. LTD.

STATE Tasmania AREA Mt Bischoff HOLE No. B 34

GRID STATE CO-ORDS. 269285N, 106965E

R.L. BEARING(Mag) 330·5 DIP -50°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	16	15%	Light grey micaceous qtz and carbonaceous argillite	
16	30	25%	as for 0-16 also dark grey Hudge	
30	50	0	Dark grey Hudge with minor Py Hudge resembles carbonaceous arg'llite	
50	57	7%	Dark grey micaceous quartzite and carbonaceous argillite also dark grey Hudge with minor Py	
57	64	25%	Carbonaceous argillite	
64	71'6"	0	Dark grey Hudge (resembling carbonaceous argillite)	
71'6"	83	12%	Carbonaceous argillite	
83	88'6"	40%	Dark grey micaceous Quartzite and carbonaceous argillite Also dark grey Hudge + minor Py	
88'6"	~~96~~ 146	0	Dark grey Hudge with minor Py Hudge resembles CA and contains chunks of dark grey qtz occasionally	

Hole abandoned.

021

788023 71-8641

(1)

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B35

GRID STATE CO-ORDS. 2692865N, 1070165E

R.L. BEARING(Mag) 330.5° DIP -50°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0'	12'(?)	25%	Chunks of dark grey quartzite and carbonaceous argillite only recovered.	
12'(?)	43'	Sludge	Mid-grey sludge.	
43'	48'	20%+Sludge)	Dark grey quartzite + carbonaceous argillite.	
48'	51'	60%	Dark-grey micaceous quartzite.	
51'	66'	100%	Dark-grey massive quartzite.	
66'	77'	35%	Carbonaceous argillite with bands of dark grey quartzite.	
77'	79'6"	100%	Interbedded carbonaceous argillite and quartzite.	30-40°
79'				
79'6"	86'	50%	Light-grey quartzite and pyrite.	
86'	92'	50%	Sheared carbonaceous argillite.	
92'	108'	100%	Carbonaceous argillite in places - dark grey quartzite. Medium carbonate veining all through. Strong carbonate veining 100-102'.	20-40°
108'				
108'	129'		Light grey quartzite with strong quartz-carbonate and fluorite veining all through. In places strong brecciation.	
129'	143'		Interbedded carbonaceous argillite and dark grey quartzite with quartz veining throughout.	30-50°
143'	152'		= 108'-129'.	
152'	164'		= 129'-143'.	30-60°
164'	180'		= 108'-129'.	30-40°
180'	239'		Interbedded quartzite and carbonaceous argillite. Quartzite brecciated and broken. Quartz carbonate veining throughout. From 217-218' quartz-carbonate-pyrite vein. (contact angles 65°).	40-50°
239'	256'		= 108'-129'.	50-60°
256'	366'		Strongly banded interbedded light grey quartzite and carbonaceous argillite. From 360'-361' strong pyrite veining.	30-50°
366'	395'		= 108'-129'.	
395'	466'		Interbedded light grey quartzite and black argillite. Quartz-carbonate veining throughout.	395-400': 40-50° 400-466': 20-40°
466'	489'		Quartz-felspar porphyry with medium pyrite-sphalerite mineralisation. Weak pyrite and fluorite veining. Contact angles at 466': 50°, and 489': 70°.	

022

788024 (2)

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B35

GRID ___ ___ CO-ORDS. ___

R.L. ___ BEARING(Mag) ___ DIP: ___

S.M.C.

From'	To'	Recovery	CORE DESCRIPTION	C. to B. Angles°
489'	559'		Interbedded black argillite and light grey coarse-grained quartzite. The quartzite is brecciated and broken. Medium-strong pyrite mineralisation throughout.	
			Varying but mainly:	40-80°
			END OF HOLE.	

788025

023 B 35.

Claim _____ NX. _____ LOGGED BY _____

DRILLERS _____ BX. _____ FINAL / CORE / STORAGE _____

COMMENCED _____ AX. _____

COMPLETED _____ EX. _____

S. McD.

ASSAYS				AVERAGE ASSAYS			HOLE SURVEY			
From'	To'	Width'	% Su	From'	To'	Width'	Depth'	Mag. Az.°	Trop Dip°	Etch Dip°
466'	471	5	.046							
471'	476	5	.066				100			47½
476	481	5	.103				300			45½
481	486	5	.087				500			53
486	489	3	.093							

788026 71-841 (1)

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B36

GRID STATE CO-ORDS. 2692040N, 1069740E

R.L. BEARING(Mag) 330.5° DIP: -60°

S.McQ.

From	To	Recovery	CORE DESCRIPTION	C. to B Angles°
0'	9'		No core recovered.	
9'	18'		Carbonaceous argillite with bands of broken and brecciated light grey quartzite. Strong pyrite veining.	10-40°
18'	38'		Tuffaceous(?) rock. Strong shearing gives the rock a definite foliation.	20-40°
38'	43'6"		Mid-grey quartzite with bands of carbonaceous argillite.	
43'6"	48'		Tuffaceous quartzite.	10-30°
48'	68'		Mid-grey quartzite with bands of carbonaceous argillite. Weak pyrite veining.	10-40°
68'	72'9"		Sludge consisting of carbonaceous argillite and pyrite.	
72'9"	87'		Carbonaceous argillite with bands of brecciated light grey quartzite. Strong pyrite mineralisation.	10-30°
87'	91'6"		Sludge, consisting of carbonaceous argillite and pyrite.	
91'6"	97'		Carbonaceous argillite with strong pyrite veining.	indist.
97'	124'		Carbonaceous argillite interbedded with mid grey quartzite and light grey argillite.	indist.
124'	138'		Interbedded black argillite and light grey quartzite, in places strongly banded.	10-40°
138'	165'		Light-grey quartzite with minor black argillite. (indist. but occasionally	20-40°
165'	168'		Brecciated carbonaceous argillite.	
168'	184'		= 138'-165'.	indist.
184'	208'		Carbonaceous argillite with band of broken and brecciated light grey quartzite.	30-60°
208'	224'		Mid-grey quartzite with minor carbonaceous argillite.	
224'	250'6"		Carbonaceous argillite with bands of broken and brecciated light grey quartzite.	20-30°
250'6"	254'6"		Carbonate-Py-Sl veins more or less parallel to core axis. Width varies (½"-¼").	
254'6"	255'6"		Quartz-pyrite veining on carbonaceous argillite.	
255'6"	279'9"		Interbedded carbonaceous argillite and light grey quartzite (in places broken and brecciated).	30-60°
279'9"	280'6"		Tuff. Angles at 279'9":	60°

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B36

GRID CO-ORDS.

R.L. BEARING(Mag) DIP

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B Angles
280'6"	338'		Muscovite rich grey blue quartzite with occasional bands of carbonaceous argillite.	30-60
338'	368'		Carbonaceous argillite with bands of broken and brecciated light grey quartzite. At 349': 2" vein of quartz-pyrite-chalcopyrite mineralisation.	30-60
368'	487'		Interbedded mid-grey quartzite, black argillite and mid-grey argillite. 1" wide quartz-pyrite vein at 408'. 1" wide quartz-pyrite vein at 409'. Strong quartz-dolomite veining at 411'. 1" wide quartz-pyrite vein at 419'. 368'-390' 390'-487'	10-30° 40-70°
487'	504'		Mid-grey coarse-grained quartzite. From 491'-491'6" strong quartz-dolomite-pyrite veining.	40-60°
504'	546'		Interbedded mid-grey quartzite and black argillite.	40-60°

END OF HOLE.

A S S A Y

From	To	Sn	Zn
250'6"	255'6"	0.056	6.20

HOLE SURVEY

Depth	Etch Dip °
100	57½
200	57½
400	55½

71-841 A1 788028

026

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA 7AP/AM, Mt. Bischoff HOLE No. B37

GRID TAS. STATE GRID CO-ORDS. 2691360N, 1068180E

R.L. N.B. Surveys BEARING(Mag) 150.5° Overleaf. DIP -80°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	10	NIL		
10	25	20%	Tuff. Doubtful, may be floater.	
25	50	12%	Carbonaceous argillites, tuff and quartzite (floaters).	
50	81		Micaceous black argillite and light grey quartzite.	
81	110		Tuff with fragments of quartzite, black argillite and kaolin?	
110	119		Carbonaceous argillite with bands of light grey quartzite.	40-65°
119	124		Quartz felspar porphyry with medium to strong sphalerite mineralisation. Contact angles. 119' 124'	30° 60°
124	137		Black micaceous argillite with weak pyrite veining.	50-70°
137	205		Strongly leached quartz felspar porphyry with occasional pyrite. In general mineralised. Contact angle 137' 205'	60° 40°
205	225		Black to mid-grey, argillite with weak quartz-carbonate veining.	40-90°
225	231		Coarse-grained lithic tuff. Foliation angle	50°
231	250		Mid grey argillite with weak carbonate veining.	50-60°
250	261		Carbonaceous argillite with carbonate veining.	Indistinct
261	279		Mid grey argillite with carbonate and fluorite veining.	40-70°
279	286		Interbedded carbonaceous argillite and mid-grey quartzite.	40-65°
286	310		Light grey brecciated argillite with strong fluorite veining.	Indistinct
310	535'6"		Carbonaceous argillite with occasional bands fine-grained mid-grey argillite and quartzite. Medium to strong brecciation in places. Strongly banded 409-504', strongly brecciated 504-518'6", 518'6"-535'6", strongly banded.	30-60°
535'6"	544		Fine-grained mid-grey quartzite, strongly brecciated, cracks filled with black argillite? Occasional specks of pyrite.	Indistinct
544	557'6"		Interbedded black argillite and mid grey fine quartzite. Occasional quartz-carbonate veins.	20-40°

Cont...

788029
A2

027

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA 7AP/AM, Mt. Bischoff HOLE No. B37

GRID _____ CO-ORDS. _____

R.L. _____ BEARING(Mag) _____ DIP: _____

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
557'6"	575'		Medium grained, mid grey quartzite occasionally micaceous.	40-50°
575	588'3"		Interbedded black argillite with grey quartzite.	60-80°
588'3"	606'		Medium grained mid grey quartzite.	45°
606	644		Black argillites with some interbedded fine quartzites. Strongly pyritic in places. Thin carbonate veins and quartz veins.	40-80°
644	680		) Strongly banded black argillites	
680	686	20%	) and thin quartzites. Strong dol- 644'-654'	25°-50°
686	694	25%	) omite veining from 686'-687'. 654'-735'	50°-90°
694	735		)	
735	744'6"		Fine-grained mid grey quartzite micaceous in parts. Thin carbonate veins not seen.	
744'6"	747		Brecciated carbonaceous argillite with numerous thin pyrite laminae.	40-60°
747	752'6"	40%	) Medium grained dark grey quartzite with	70-80°
752'6"	757	20%	) interbedded carbonaceous argillite.	
757	764		Strongly banded carbonaceous argillite with strong pyrite bands.	60-80°
764	808		) Brecciated black argillites with numerous	
808	820	90%	) thin pyrite laminae.	
820	826	60%	) 783'1½" dolomite-pyrite vein contact angle	80°.
826	856		) 801'1" pyrite vein contact angle	60°.
856	868	66%	) 804-805'¼" pyrite vein contact angle	10°.
868	1029		) 821' dolomite quartz pyrite vein.	
			) 867' dolomite, fluorite, pyrite, sphaler-	
			) ite, galena, vein 950'6"-951'6". Strong	
			) pyrite mineralisation. 772'6"-904'	40-70°
1029	1033		Quartz felspar porphyry, rounded phenocrysts, no visible mineralisation.	
1033	1035'6"		Brecciated black argillites with numerous thin dolomite-pyrite veins.	
	1040'			

028

788030

MACHINE _____ NX. _____ LOGGED BY _____

DRILLERS _____ BX. _____ FINAL / CORE / STORAGE _____

COMMENCED _____ AX. _____

COMPLETED _____ EX. _____

B37

S.M62.

ASSAYS					AVERAGE ASSAYS			HOLE SURVEY			
From'	To'	Width'	% Sb	Zn	From'	To'	Width'	Depth'	Mag. Az.°	Trop Dip°	Etch Dip°
119	124	5	.011	1.25				137'	142°	-81°	
								200'	141°	-81°	
								500'	155°	-81°	
								1000'	165°	-81°	
								1300'	179°	-81°	
								1650'	186°	-80°	

788031 71-841 A1

MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B38

GRID TASMANIAN STATE GRID CO-ORDS. 2692450N, 1068820E

R.L. BEARING(Mag) 330.5° DIP 70°

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	6	NIL		
6	33		Carbonaceous argillite with bands of sheared and boudinaged quartzites. Quartz pyrite veining all through. Core to bedding angle irregular but mainly	0-40°
33	56		Sheared and brecciated argillite and light grey quartzite with strong quartz pyrite veins.	30-40°
56	76		Strongly deformed and sheared mid-grey quartzite and black argillite.	Irregular
76	78		Fine grained bule grey quartzite.	30-60°
78	79		Strongly deformed and sheared mid-grey quartzite and black argillites.	Irregular
79	89		Strongly brecciated yellowish chert and carbonaceous argillite. Strong fluorite veining all through.	Irregular
89	108		Carbonaceous argillite with band of brecciated mid-grey and light-grey quartzite.	0-50°
108	140		Mid-grey quartzite, very biotite-rich. Very strong quartz pyrite veins throughout. From 130°-140° the pyrite content is very high consisting of cross veins and very fine-grained disseminated pyrite.	40-90°
140	251		Interbedded carbonaceous argillite with light-grey and mid-grey quartzites (brecciated). Medium to strong pyrite mineralisation.	20-60°
251	356		Quartz porphyry with strong pyrite mineralisation. Contact angle at 251'. Occasional pyrite - native copper - pyhrrotite veining.	60°
356	363		Mixture of quartz-felspar-porphyry and brecciated mid-grey argillite and quartzite. Medium to strong quartz-carbonate veining parallel to core axis.	
363	375		Strongly brecciated mid-grey argillite and light grey quartzite.	60-90°
375	431		Light grey quartzite with bands of mid grey argillite. Weak to medium pyrite veins. Strong carbonate veining 392-393'. Strong quartz pyrite veins 398-400'. Varying mainly	40-60°
431	446		Quartz porphyry with strong pyrite-pyrrhotite veining throughout. Contact angle at 431', contact angle at 446'.	70° 70°
446	492		Well banded quartzite and mid-grey fine grained argillite. Weak to medium quartz pyrite and pyrite veining.	30-70°
492	506		Quartz porphyry with strong pyrite-pyrrhotite veins and weak to medium sphalerite,	

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MINES EXPLORATION PTY. LTD.

STATE TASMANIA AREA MT. BISCHOFF HOLE No. B38

GRID CO-ORDS.

R.L. BEARING(Mag) DIP

S.M.C.D.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
			mineralisation in cross cutting veins. Strong pyrite-sphalerite from 501-502'. Contact angle at 492'.	60°
506	585		Banded quartzite and mid-grey argillite with weak to medium quartz-pyrite veins. 1" pyrite-sphalerite veins at 408'6". 2" pyrite-sphalerite veins at 409'.	50-70°
585	610		Very hard fine-grained mid-grey quartzite with strong disseminated pyrite mineralisation in places.	
610	669		Interbedded mid-grey argillites and light grey quartzite. Weak quartz-pyrite veins. Strong folding → brecciation.	40-80°
669	671		Quartz-felspar-porphyry with weak to medium pyrite. Contact angle at 669' / Contact angle at 671'	35° / 45°
671	673		As for 610' to 669'.	
673	679		Quartz felspar porphyry. Weak-medium pyrite. Contact angle at 673' / Contact angle at 679'	Irregular / 30°
679	699		As for 610' to 669'. At 680', 4" of porphyry at 681', 2" of porphyry. At 687', 1" carbonate-pyrite-sphalerite vein.	40°
699	715		Very hard fine-grained mid-grey quartzite with strong disseminated pyrite in places and minor quartz-pyrite veins.	Indistinct
			END OF HOLE.	

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MACHINE _____ NX. _____ LOGGED BY _____

DRILLERS _____ BX. _____ FINAL / CORE / STORAGE _____

COMMENCED _____ AX. _____

COMPLETED _____ EX. _____

S.McD.

ASSAYS						AVERAGE ASSAYS						HOLE SURVEY			
From'	To'	Width	% Sn.			From'	To'	Width'				Depth'	Mag. Az.°	Trop Dip°	Etch Dip°
108	113	5	.004												
113	118	"	.008												
118	123	"	.006												
123	128	"	.005												
128	133	"	.008												
133	138	"	.006												
138	143	"	.009												
143	148	"	.015												
148	153	"	.036												
153	158	"	.008												
251	256	5	.123			251	356	105	.303						
256	261	"	.220												
261	266	"	.1034			291	341	50	.496						
266	271	"	.143												
271	276	"	.119												
276	281	"	.095												
281	286	"	.122												
286	291	"	.075												
291	296	"	.243												
296	301	"	.651												
301	306	"	.091												
306	311	"	.235												
311	316	"	.330												
316	321	"	.634												
321	326	"	1.620												
326	331	"	.220												
331	336	"	.521												
336	341	"	.410		4.955										
341	346	"	.122												
346	351	"	.098												
351	356	"	.266												
421	426	"	.105			421	446	25	.152						
426	431	"	.110												
431	436	"	.100												
436	441	"	.201												
441	446	"	.244												
492	497	"	.347	.13											
497	502	"	.496	.75											
502	507	"	.219	1.60											
667	672	"	.017												
672	677	"	.010												
677	682	"	.049												

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MINES EXPLORATION PTY. LTD.

STATE Tas AREA Mt Bischoff HOLE No. B60

GRID O.M.B. Tin M. Co. CO-ORDS. 455N, 925W

R.L. MAIN TUNNEL BEARING(Mag) 130° DIP: 40R.

S.McD.

From	To	Recovery	CORE DESCRIPTION	C. to B. Angles°
0	97		F.g. light grey Argillite with weak veining of Carbonate and Py	20°-40°
97	137		Interbedded Qtz and Argillite Cross cutting and parallel Py + Carbonate and Fluorite veining.	20°-50°
137	161		C.g. blue grey Qtz with weak Py veining Strong Py veining from 152'-161'	indistinct
161	166		Fluorite - Carbonate - Q. Py - Sl vein.	
166	196'6"		Light grey Argillite with Strong Fluorite veining	
196'6"	198		Strongly brecciated fault zone (Recrystallised Argillite)	?
198	233'6"		Light grey Argillite with Strong Fluorite veining At 213': 2" Q-Py-Po vein	indistinct
233'6"	265'		Strongly mineralised Q.F Porphyry containing Py-Po-Cassiterite mins. Contact X's at 233'6" indistinct 265' : 45°	
265	286		Light grey Argillite with Py-Po-Fluorite veining	30-50°
286	291		Massive Py-Po-Carbonate-Sl vein Contact X at 291' : 20°	
291'	338		Light grey Argillite in places → C.g pitted Qtz Py-Po min. throughout: At 311': 6" vein of Py-Po min. From 329-338 Strong Q-Py-Po veining.	
338'	340' (?)		Cavity	
340'	423'		Well mineralised Q-F porphyry containing Py-Po-Cassiterite min. Contact X's: At 340' indistinct 423' : 50° The porphyry is very leached from 340'-343' and from 360'-365'	
423'	469'		Interbedded C.g. Qtz and dark grey Argillite Py min. throughout	indistinct
			Drilling completed.	

033

788035

MACHINE E500 | NX. | LOGGED BY P.T. Verwoerd

DRILLERS A. PERRY | BX. | FINAL CORE STORAGE: Core yard, Woodstock Office

COMMENCED 6 July | AX.

COMPLETED 8 Aug '66 | EX.

S.McD.

ASSAYS

From′	To′	Width′	%Sn
161	166	5	0.020
[illegible]	238	5	0.108
238	243	"	0.087
[illegible]	248	"	0.027
[illegible]	253	"	0.141
253	258	"	0.022
[illegible]	263	"	0.082
[illegible]	268	"	0.066
268	273	"	0.056
273	278	"	0.044
[illegible]	283	"	0.028
[illegible]	286	3	0.015
286	291	5	0.012
[illegible]	296	"	0.041
[illegible]	301	"	0.037
[illegible]	306	"	0.015
[illegible]	311	"	0.028
[illegible]	316	"	0.302
316	321	"	0.039
321	326	"	0.027
[illegible]	331	"	0.216
[illegible]	336	"	0.229
336	341	"	0.287
[illegible]	346	"	0.156
[illegible]	351	"	0.182
351	356	"	0.177
356	361	"	0.271
[illegible]	366	"	0.531
366	371	"	1.54
371	376	"	0.296
[illegible]	381	"	0.551
[illegible]	386	"	0.279
386	391	"	0.284
[illegible]	396	"	0.385
[illegible]	401	"	0.425
401	406	"	0.346
406	411	"	0.368
[illegible]	416	"	0.261
[illegible]	421	"	0.182
421	426	"	0.107
[illegible]	431	"	0.012
[illegible]	436	"	0.023
436	441	"	0.008
[illegible]	446	"	0.01
[illegible]	451	"	0.020
[illegible]	456	5	0.019

AVERAGE ASSAYS

From′	To′	Width′	%Sn
341	421	80	0.42
311	426	115	0.353
356	416	60	0.506
361	381	20	0.864

~~HOLE SURVEY~~ Core recoveries

Depth′	Recovery
288′ - 292′	75%
332′ - 338′	33%
338′ - 342′	50%
423 - 428	100%
428 - 432	75%
432 - 439	50%
439 - 444	40%
444 - 448	50%
448 - 450	30%
450 - 453	65%
453 - 455	45%
455 - 458	60%
458 - 459	50%
459 - 460	50%
460 - 462	40%
462 - 464	25%
464 - 466	25%
466 - 467	30%
467 - 469	20%

MACHINE E500 NX. LOGGED BY P.J.VERWOERD

DRILLERS R.PERRY BX. FINAL CORE STORAGE Core yard, Waratah office

COMMENCED 6 July AX.

COMPLETED 8 Aug 1966 EX.

HOLE NO.B60

S.McD.

ASSAYS				AVERAGE ASSAYS				HOLE SURVEY			
From	To	Width	% Sn	From	To	Width	% Sn	Depth	Mag. Az°	Trop Dip°	Etch Dip°
161	161		.024					Core Recoveries			
233	238		.108					288'	292'	75%	
238	243		.037					332'	338'	33%	
243	248		.027					338'	342'	50%	
248	253		.141								
253	258		.022					423'	428'	100%	
258	263		.082					428'	432'	75%	
263	268		.066					432'	439'	50%	
268	273		.058					439'	444'	40%	
273	278		.044					444'	448'	50%	
278	283		.028					448'	450'	30%	
283	286		.015					450'	453'	65%	
286	291		.072	341	421		.42	453'	455'	45%	
296	301		.037					455'	458'	60%	
301	306		.015					458'	459'	50%	
306	311		.028					459'	460'	50%	
311	316		.392					460'	462'	40%	
316	321		.039					462'	464'	25%	
321	326		.027					464'	466'	25%	
326	331		.276					466'	467'	30%	
331	336		.229					467'	469'	20%	
336	341		.287								
341	346		.156								
346	351		.182								
351	356		.177								
356	361		.271								
361	366		.571								
366	371		1.54								
371	376		.796								
376	381		.551								
381	386		.277								
386	391		.284								
391	396		.385								
396	401		.425								
401	406		.346								
406	411		.365								
411	416		.261								
416	421		.182								
421	426		.102								
426	431		.012								
431	436		.023								
436	441		.008								
441	446		.011								
446	451		.020								
451	456		.019								