

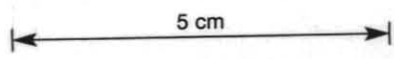
DEPTH	INTERVAL	DEPTH from-to : ROCK UNIT <i>capital letters, underlined</i>	MINERALISATION	BULKED ASSAYS
	Depth - Description and notes <i>indented about 10mm</i>			

FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED), MONOGRAPH NO. 9 AUSTRALAS. INST. MIN. METALL. - 1976

028424

AFTER TYPING THIS SIZED FORM WILL BE PHOTO-REDUCED TO A4 SIZE

0	3.0m	TRICONE TO 3.0m - NO CORE.		
20	30-48.9 (45.9)	30-48.9 DARK GREY SILTSTONES BLACK CARBONACEOUS SHALES and minor SANDSTONES. Siltstones mostly clay rich and dark grey, some light grey quartzose beds. Variable proportions of fine grained carbonaceous shale, locally as abundant as the siltstone, but overall less. The sandstones are medium grey and occur as massive beds to 1.5m. Quite well bedded - the siltstones and black shales are thinly bedded, with minor folding, and intervals of brecciation (soft sediment disruption). 26.4-30.6 Interbedded siltstone and quartzite, hard and silicified, brecciated.		Pg & po, disseminated in silty beds, occasionally as blebs to 2x1.5cm. Sporadic pg-qtz-dolomite-fluorite-po-arseno veining TOTAL 2-3%, locally 5%
60	48.9-62.0 (13.1)	48.9-62.0 MASSIVE SILTSTONES WITH MINOR SANDSTONES AND SILTY SHALE Medium grey, brecciated, with dark grey silty shales and thin quartzite beds.	Gradual Change	Pg, disse. some blebs to 10x5mm, sparse qtz-carbonate-pg-sp veining. TOTAL 2-3%
80	62.0-66.0 (4.0)	62.0-66.0 SERICITIC SILTSTONES WITH MINOR QUARTZOSE SILTSTONES		Pg-fluorite-qtz-carbonate veining, 1.0%
90	66.0-88.6 (22.6)	66.0-88.6 QUARTZ FELSPAR PORPHYRY. Matrix creamy white, fine grained, in places slightly pinkish. Phenocrysts - Qtz - clear, cloudy rounded grains to 6mm, ranging from 7-10% to 20% in central portion Felspar - brownish creams (alteration), some zoning, max size 3mm, variable 1-10%.	Contact 40°	Pg, trace fluorite, sp, weak trace tourmaline and rare cassiterite. 10-15% as discrete grains to 3mm, some pg is as fine grained irregular aggregates. lower 2m mineralisation 1-3%.
100	88.6-90.2 (1.6)	88.6-90.2 SILTSTONES and DARK GREY SHALES, thinly bedded and brecciated.	40°	Qtz veining, 1%
100	90.2-93.6 (3.4)	90.2-93.6 QUARTZ FELSPAR PORPHYRY, Qtz 3-5%, Felspar 7-10%	40°	Pg, trace sp, tourmaline, marcasite, 5-7%
100	93.6-98.9 (5.3)	93.6-98.9 THINLY BEDDED SILTSTONES. Dark grey clay rich alternating with minor brownish and pale grey shaly beds	15°	Pg, qtz, in veinlets and disse. 20%
100	98.9-101.7 (2.8)	98.9-101.7 QUARTZ FELSPAR PORPHYRY.	85°	Pg, some qtz veining - 20%
100	101.7-104.8 (3.1)	101.7-104.8 SILICIFIED SILTSTONES AND SILTY SHALES	65°	Disse. Pg, pg-carbonate-qtz-fluorite veinlets 2-3%
120	104.8-138.6 (33.8)	104.8-138.6 QUARTZ FELSPAR PORPHYRY. Matrix faintly greyish cream, fine grained and very hard. Qtz - rounded turbid grains to 4mm 15%, locally 10-20%. Felspar - creamy white, intergrown with groundmass, some brownish alteration, 10-15%.	85°	Pg, trace marcasite(?), brown and green fluorite, sp, cassiterite. Rare arseno. TOTAL 15%. Pg as Rqr. aggregates, distinct grains to 5mm, variable 5-15%, average 15%. Cassiterite, fluorite variable, cassiterite locally 3% (116-118) as rounded grains, scattered throughout.
140	138.6-143.3 (4.7)	138.6-143.3 SILTSTONES with GREY SILTY SHALES and BLACK PYRITIC SHALES	65°	Pg, thin bedded laminae, finely disse. stringers 2-5%
140		143.3 END OF HOLE.		



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								
97224		64.0	66.0	2.0	290									
25		66.0	68.0	"	1550		240	46	240	2	20	660		
26		68.0	70.0	"	1500		250	70	280	1	20	65		
27		70.0	72.0	"	800		210	60	450	1	25	80		
28		72.0	74.0	"	2300		240	85	310	2	15	25		
29		74.0	76.0	"	3400		220	75	290	2	25	85		
230		76.0	78.0	"	1200		250	70	45	2	10	840		
31		78.0	80.0	"	2400		290	140	85	2	15	1050		
32		80.0	82.0	"	580		280	80	160	2	110	270		
33		82.0	84.0	"	2200		240	90	25	2	15	100		
34		84.0	86.0	"	960		190	120	700	4	20	20		
35		86.0	88.0	"	380		33	95	830	1	110	10		
36		88.0	88.7	0.7	320		42	130	480	1	20	10		
37		88.7	89.9	1.2	60									
38		89.9	91.9	2.0	170									
39		91.9	93.7	1.8	520									
240		93.7	95.7	2.0	190								160	Re check of check Sn
41		95.7	97.7	"	170									
42		97.7	98.9	1.2	960									
43		98.9	100.9	2.0	3450									
44		100.9	101.7	0.8	1050									
45		101.7	103.7	"	290									
46		103.7	104.7	"	350									
47		104.7	106.7	"	3300		250	20	50	1	15	250		
48		106.7	108.7	"	2850		280	55	50	2	40	180		
49		108.7	110.7	"	6000		320	190	65	3	30	560		
250		110.7	112.7	"	3300		340	150	210	3	20	150		
51		112.7	114.7	"	4400		430	250	160	4	110	2400		
52		114.7	116.7	"	1.62%		240	120	60	1	25	260		
53		116.7	118.7	"	1.67%		220	170	260	2	90	1850		

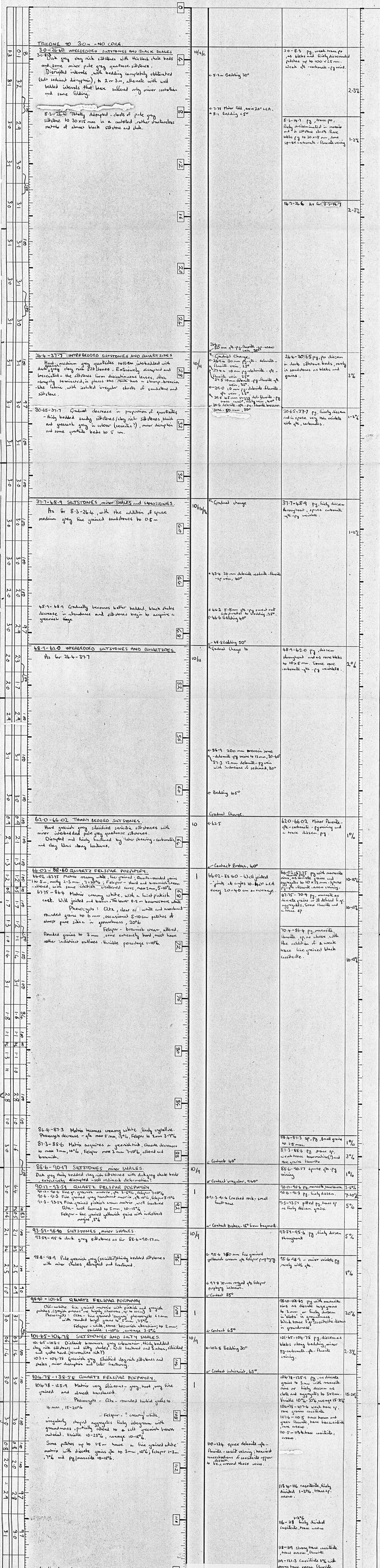
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Notes: - Sn by XRF Bi Method.

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 25 A

SAMPLE TYPE: DRILL CORE FROM 64.0 TO 118.7

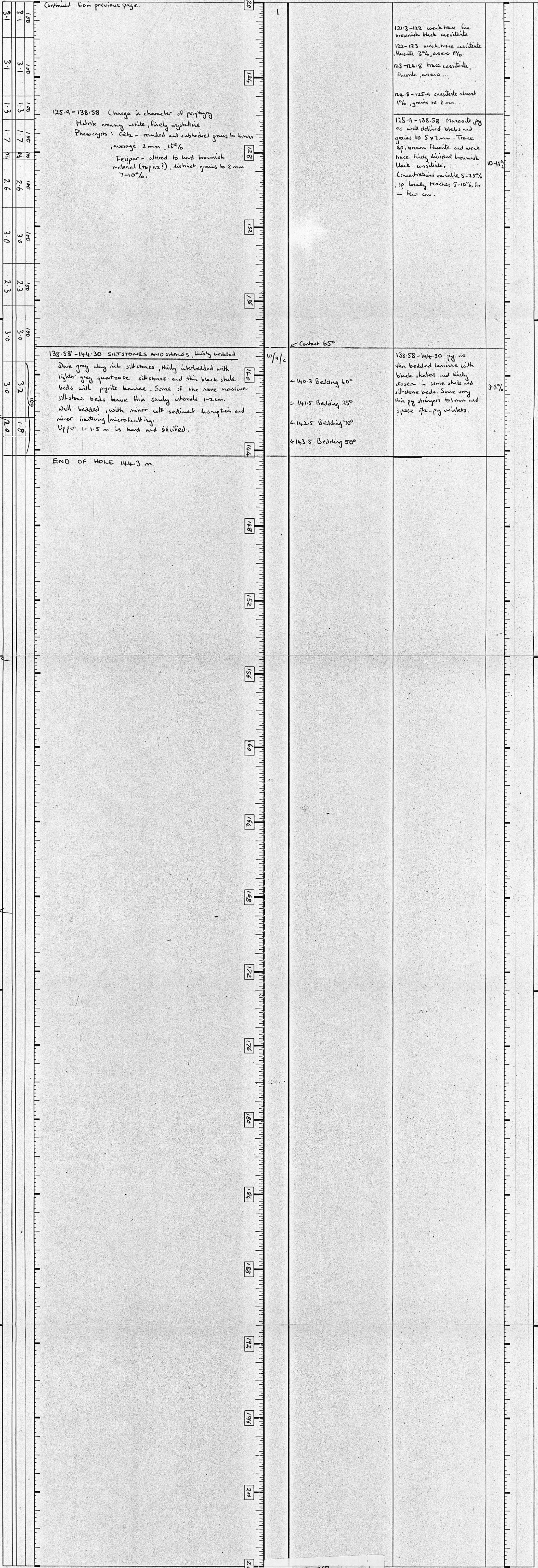


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5 cm

METALS EXPLORATION LIMITED		MINERAL EXPLORATION DRILL LOG		STRUCTURAL AND VEIN INFORMATION		MINERALISATION		NOTES	
Depth from - to : ROCK UNIT capital letters, underlined indicated about 15mm				Prospect or Project Mount Wischoff		HOLE No. MBD 25		LOG SHEET 2 OF 3	
Scale 1:100				Logged by A. BROADBENT		date 8 / 2 / 80		from 0 m to 126.0 m	

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125.9-138.58 Change in character of porphyry
 Matrix creamy white, finely crystalline
 Phenocrysts: Qtz - rounded and subhedral grains to 4mm, average 2mm, 15%
 Felspar - altered to hard brownish material (topaz?), distinct grains to 2mm 7-10%.

121-3-122 weak trace fine brownish black cassiterite
 122-123 weak trace cassiterite, fluoreite 3%, arseno 1%
 123-124-8 trace cassiterite, Fluoreite, arseno...
 124-8-125-9 cassiterite almost 1%, grains to 2mm.

125.9-138.58 Marcasite, py as well defined blebs and grains to 5x7mm. Trace sp, brown fluoreite and weak trace finely divided brownish black cassiterite. Concentration variable 5-25%, sp locally reaches 5-10% for a few cm.

138.58-144.30 SILTSTONES AND SHALES, thinly bedded
 Dark grey clay rich siltstones, thinly interbedded with lighter grey quartzose siltstones and thin black shale beds with pyrite laminae. Some of the more massive siltstone beds have thin sandy intervals 1-2cm. Well bedded, with minor soft sediment disruption and minor fracturing/microfaulting. Upper 1-1.5 m is hard and silicified.

138.58-144.30 py as thin bedded laminae with black shales and highly disperse in some shale and siltstone beds. Some very thin py stringers to 1mm and sparse qtz-py inclusions.

END OF HOLE 144.3 m.

← Contact 65°
 ← 140.3 Bedding 60°
 ← 141.5 Bedding 35°
 ← 142.5 Bedding 70°
 ← 143.5 Bedding 50°

