

DRILLING TARGET:— Base of skarn and possible Sn-W-Bi veins in underlying quartzite													
REMARKS:—													
SURVEY DATA			ASSAY DATA										
DEPTH feet metres	Bearing mag.	Inclin. degs.	SAMPLE No.	FROM		TO		RECOVERY			ASSAY RESULTS		
				ft.	ins.	ft.	ins.	ft.	ins.	%			
0.00	227	50											

GEOLOGICAL LOG Logged by:— P.L.F. Collins

FROM ft. m	TO ft. m	RECOVERY		DESCRIPTION	SECTION	
		ft. m	ins. cm		Core	Sample
0.00	4.60	2.20	48	Basalt as weathered pebbles and broken core. The basalt is very fine grained with phenocrysts of olivine and pyroxene.		
4.60	5.00	0.40	100	Basalt breccia consisting of angular basalt fragments in a black glassy matrix.		
5.00	5.40	0.40	100	Grey basalt with olivine phenocrysts.		
5.40	6.70	1.30	100	Basalt breccia of light grey angular basaltic fragments up to 10cm long in a black glassy matrix.		
6.70	7.10	0.40	100	Broken core of olivine basalt.		
7.10	8.55	0.80	55	Weathered fragments of basalt and skarn in a sandy soil.		
8.55	9.10	0.55	100	Basalt with olivine phenocrysts.		
9.10	10.00	0.32	36	Sandy soil overlying the skarn containing fragments of weathered skarn and weathered basalt. Minor, very fine disseminated scheelite in some of the skarn fragments.		
10.00	14.40	4.40	100	Light green calc-silicate skarn containing garnetiferous patches which become more prominent between 12.20m to 12.80m and 13.40m to 14.40m. From 12.80m to 13.40m		

Continued over:—

DEPARTMENT OF MINES — TASMANIA
DIAMOND DRILL CORE RECORD

HOLE No.:— 3	MAP SHEET No. 37	DISTRICT Moina	LOCATION OF SITE:—
Ti-Tree Creek, West of the Iris River			Core held M42
R.L. OF SITE:— 544.4 metres	SITE SURVEY ON MAP No.:—	CORE SIZE:—	
BEARING OF HOLE:— 227 Mag, (240° Grid)	AIR PHOTO No.:—	COMMENCED:— 30-3-73	
INCLINATION OF HOLE:— 50°	DRILL:— 12-B	COMPLETED:—	
CO-ORDS. OF SITE:— 04875/90409	DRILLER:— G. Baker	FINAL DEPTH:— 95.30m	

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AMG H20900 E 5 H06050 N.

FROM		TO		RECOVERY		DESCRIPTION	SECTION	
ft.	ins.	ft.	ins.	ft.	ins.		Core	Sample
						the skarn is medium grained and more chloritic. Minor scheelite occurs as very fine disseminated specks up to 0.5mm across, and as patches up to 2mm long at 10.28m and between 13.20m to 13.60m.		
14.40		14.70		0.30	100	Very fine grained, hard, light grey hornfels.		
14.70		21.40		6.70	100	Fine to medium grained, light brown, strongly garnetiferous calc-silicate skarn with numerous thin calcite veins. Patches of magnetite occur at 17.10m, 17.20m and 17.30m; and two veins of magnetite containing bands of garnet occur between 15.80m to 16.05m and 16.70m to 16.82m. Minor scheelite occurs as very finely disseminated specks and occasionally in very thin, near vertical calcite veins.		
21.40		22.95		1.55	100	Very fine grained light green calc-silicate skarn. No scheelite visible.		
22.95		25.70		2.75	100	Fine grained light grey quartzite with irregular patches of chlorite.		
25.70		28.80		3.10	100	Irregular bands of quartzite and chert with occasional albite veins (1-2mm thick) and minor pyrite in fractures.		
28.80		39.28		10.48	100	Fine to medium grained chloritic quartzite with patches of epidote and thin calcite veins dipping at 30° and 60°. At 38.20m a pyrite vein 0.5-1cm wide dips at 80°.		
39.28		43.60		4.32	100	Light grey medium grained sandstones interbedded with fine grained, white siltstones. The bedding dips at 30°-35°. Pink calcite vein at 41.50m.		
43.60		50.35		6.75	100	Medium grained chloritic quartzite with finely disseminated pyrite and thin quartz veins also containing pyrite.		

Continued over

ASSAY DATA

SAMPLE No.	FROM		TO		RECOVERY		ASSAY RESULTS							
	m	ins.	m	ins.	m	ins.	%	WO ₃	Sn	Cu	Bi	Mo	Fe	Au
3-1	10.04		11.04		1.00	100	<0.01	0.03	<0.01	0.02	<0.01	8.6	Trace	
3-2	11.04		11.97		0.93	100	<0.01	0.02	<0.01	0.01	<0.01	3.7	Trace	
3-3	11.97		13.00		1.03	100	<0.01	0.11	<0.01	0.01	<0.01	8.2	Trace	
3-4	13.00		14.02		1.02	100	<0.01	0.01	0.02	<0.01	<0.01	5.6	Nil	
3-5	14.02		15.00		0.98	100	<0.01	0.02	<0.01	<0.01	<0.01	6.1	Nil	
3-6	15.00		16.18		1.18	100	<0.01	0.04	<0.01	<0.01	<0.01	18.6	Trace	
3-7	16.18		17.12		0.94	100	<0.01	0.08	<0.01	<0.01	<0.01	18.9	Trace	
3-8	17.12		18.10		0.98	100	<0.01	0.04	<0.01	<0.01	<0.01	13.6	Trace	
3-9	18.10		19.10		1.00	100	<0.01	0.05	<0.01	0.01	<0.01	10.7	Nil	
3-10	19.10		20.17		1.07	100	<0.01	0.05	<0.01	<0.01	<0.01	10.6	Trace	

