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DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

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Hole No. M.H.P. Bore No. 2.

Drilled by W. Robinson.

Core Recovery

Geological Logging by— D.J. Groves.

Area of Operation Madam Howard Plain (Baytes).

Location of Site Approx. 30 chains W. of 1½ mile peg on Zeehan Rd

Date Commenced

Date Completed

Reduced Level of Site

Bearing of Hole 135° M.

Dip of Hole 40°.

Bore Depth 158' 5"

Ref No 2180

A.M.G Co-ords: 378400E 5429000N.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS		
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To
	[redacted]	[redacted]'	4'11½"	0	22'	Very weathered green-grey keratophyre with large phenocysts and poor cleavage.					
			28'4"	22'	60'	Green-grey to pink keratophyre with large to very large albite phenocysts. Several small veins containing quartz and siderite (α = 40-45°). One small vein containing platey haematite at 26'. Cleavage generally poor.					
			39'10"	60'	113'4"	Pink to green-grey keratophyre with moderately large phenocysts. Cleavage and streaky texture developed in places. Some segregation into more albite-rich varieties occurs irregularly. Several small quartz, siderite and fluorite veins occur with some minor haematite (α = 40-45° and α = 10°). Strong fractures (α = 10°) also occur.					
			16' 1"	113'4"	129'6"	Strongly mineralized keratophyre with numerous small veins of quartz, siderite, fluorite, calcite (?), pyrite and possibly a few specks of chalcopyrite. A small proportion of barytes also occurs particularly between 128'2" and 129'6". Veins are extremely variable in orientation, α varying between 40 and 90°. But the majority are between 40 and 50°					

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DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS			
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
			10'3"	129'6"	140'4"	Green-grey keratophyre with small phenocrysts. Intensive mineralization with quartz, siderite and barytes veins. Barytes present in veins generally 2-4" wide and irregularly distributed in association with quartz and siderite. Also irregular veinlets and patches of siderite.						
			11'10½"	140'4"	158'5"	Pale green-grey keratophyre with very small phenocrysts in a very high proportion of fine-felsitic groundmass. Strong fracturing ($\alpha = 10°$) and siderite veining ($\alpha = 50°$).						