

TABLE I

LEAD-SILVER PRODUCTION FROM MINES WITHIN AND ADJACENT TO AMOCO TENEMENT 4/78

MINE	AGE	LEAD (tonnes)	SILVER(kgs)
Spray	PreCambrian to Cambrian	450	1850
Nubeena	"	"	
Maxim	Upper Cambrian	60	283
Montagu	to	117	42
Watt & McAuliffes	Lower Ordovician	254	1417
Austral		812	935
		+52 Zn	
Oceana	Upper	15382	17433
	Ordovician	+13 Zn	
Mariposa	to	455	652
Zeehan Bell	Devonian	610	780
Silver King		5080	9922
		+4 Cu	

The Mariposa Mine, including the Alameda, Martini and Nevada workings, were worked for a period of eighteen years from 1891 to a maximum depth of 45 meters.

Systematic exploration for basemetals in the areas commenced in the late 1940's when North Broken Hill in joint venture with Broken Hill South commenced a program of assessment (as Zeehan Explorations Pty Ltd). This included geophysical surveys (conducted by the Bureau of Mineral Resources - W. Langron) at the Oceana and Mariposa mines (gravity and ground magnetics) and diamond drilling. Subsequent to these programs the Oceana Mine was re-opened in 1954, producing 128,000 tonnes of ore averaging 11.63% lead and 4.79oz silver until ceasing production in 1960.

Zeehan Explorations commenced their program of assessment on the Mariposa Mine during 1951. An eight hole (holes 4 to 11