

REPORT ON  
CRINNIS COPPER MINE

LOCATION

About  $\frac{1}{2}$  mile N.W. of Angaston. Section 338, Hundred Moorooroo, private property with minerals alienated from the Crown.

PREVIOUS REFERENCES

Record of Mines, page 47, Adelaide Register 7/7/58.

HISTORY

Worked from 7/7/58 to 6/3/60 by the Crinnis Mining Co.

Recorded production of  $5\frac{1}{2}$  tons ore sent to Kapunda on 1859 when 34 men were employed. The workings consisted of three shafts the deepest being 138 with crosscutting and driving at the 80' and 135' levels.

PRESENT CONDITION

The main shaft on a slight rise has had a timber cover which has now collapsed concealing the shaft from a distance of about 15' down. The strata penetrated was 4' soil, about 2' of travertine limestone and below this clay.

Located about 200' west and approximately 20' lower are the remains of two shafts close together which have been practically filled to the collar with rubbish.

The location of the shafts suggests an E to W strike of the ore body. Very small dumps exist on the 2 lower shafts. suggesting that they were very shallow, or were later filled in. A fair sized dump exists on the main shaft and micaceous iron is prominent in the spoil. Samples of rock picked up on the dump were identified as native copper, blue and green carbonates, copper pyrites and micaceous hematite. The owner is desirous of putting the land under cultivation but before doing so, wished to know if the property was of any value as a source of copper. He is not prepared to spend money on it. He stated that he had been in-

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formed that a heavy flow of water had been responsible for the abandonment of the mine and was interested in the possibilities of water.

He was advised to secure the shaft timber at the surface, remove the collapsed timber covering and procure samples of water for analysis. It was possible tests could be run to determine the make of water in the shaft.

As a source of copper the history of the mine is not encouraging and I could not make any recommendations for assistance in working it.

24/6/48  
LLM:MBG

INSPECTOR OF MINES AND QUARRIES