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**TIMRON MINING**

**MICROFILMED**  
FICHE No. -

651001

**REPORT ON SAND DEPOSIT**

KAMONA  
SCOTTSDALE DISTRICT  
TASMANIA

MAY 1999



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Director of Mines  
File

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## **1.0 LOCATION**

The sand deposit is located 2 kms north of the Tasman Highway at Kamona, 13 kms east of Scottsdale by road. It is mostly within the grid square 53E 44N, as shown in Figure One.

## **2.0 ACCESS**

Access to the deposit from the bitumen Tasman Highway is via Mountney and Goanna Roads.

Mountney Road is a well formed gravel road maintained by Forestry Tasmania.

The access road from Mountney Road to Island Resources pit (Tas Rainbow) is a well formed gravel road maintained by Island Resources. Access to the deposit would be over the first 600 metres of this road to Goanna Road proper.

Goanna Road is a gravel road on State Forest which would be maintained to a minimum Class 4 standard as identified in the Forest Practices Code by any mining lease operators.

## **3.0 LAND STATUS & TENEMENT INFORMATION**

The deposit is located wholly within State Forest. The mining tenure is currently Exploration Licence 7/96 held by Ron Gregory and Pat Coffey. This licence is to be surrendered in lieu of a Retention Licence. The licence currently covers 2 sq. kms, as shown on Figure Two.

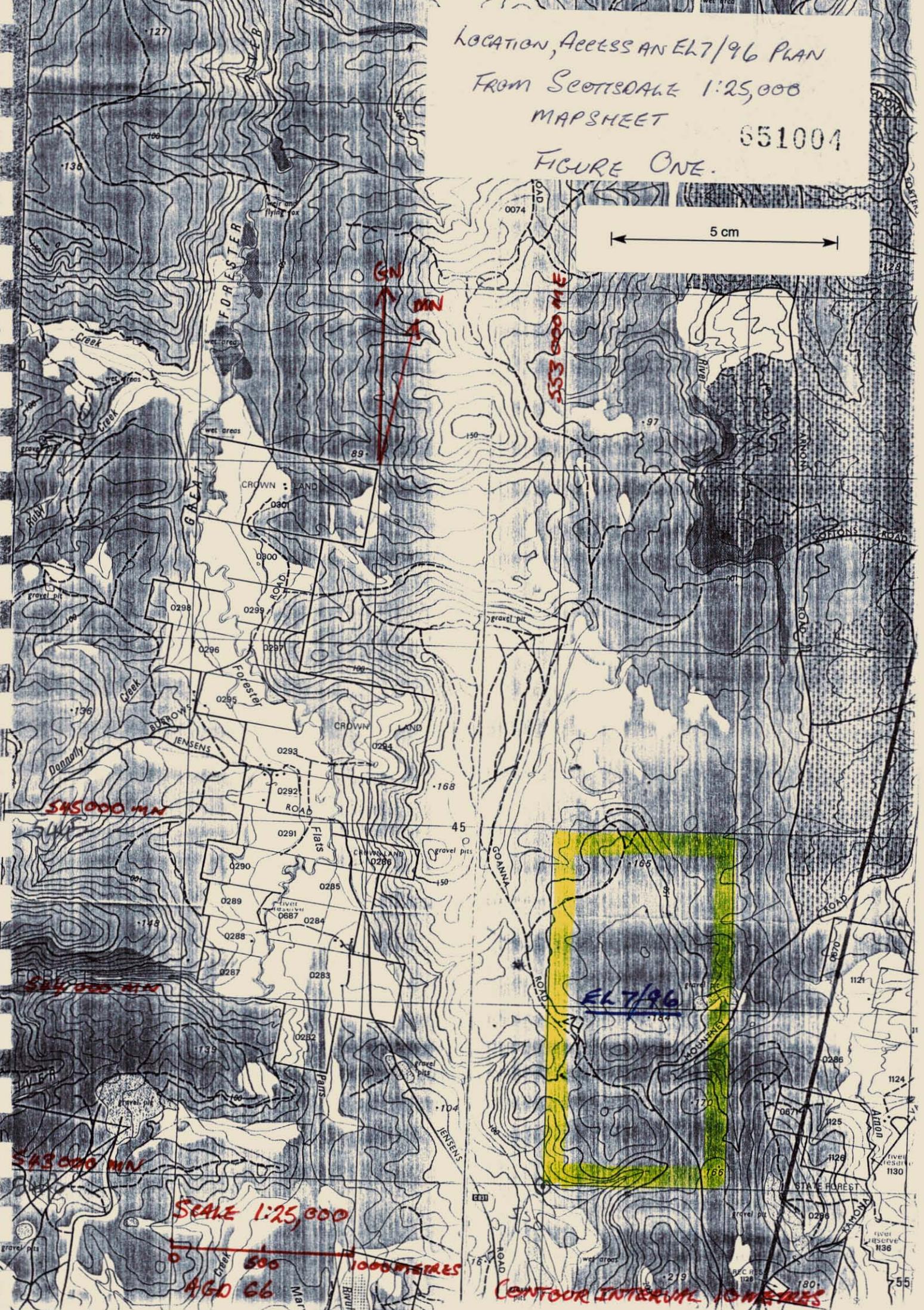
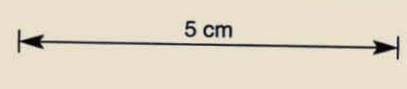
~~51007A~~  
651003A

553000 E  
5480000 Y

LOCATION, ACCESS AN EL7/96 PLAN  
FROM SCOTTSDALE 1:25,000  
MAPSHEET

651004

FIGURE ONE.

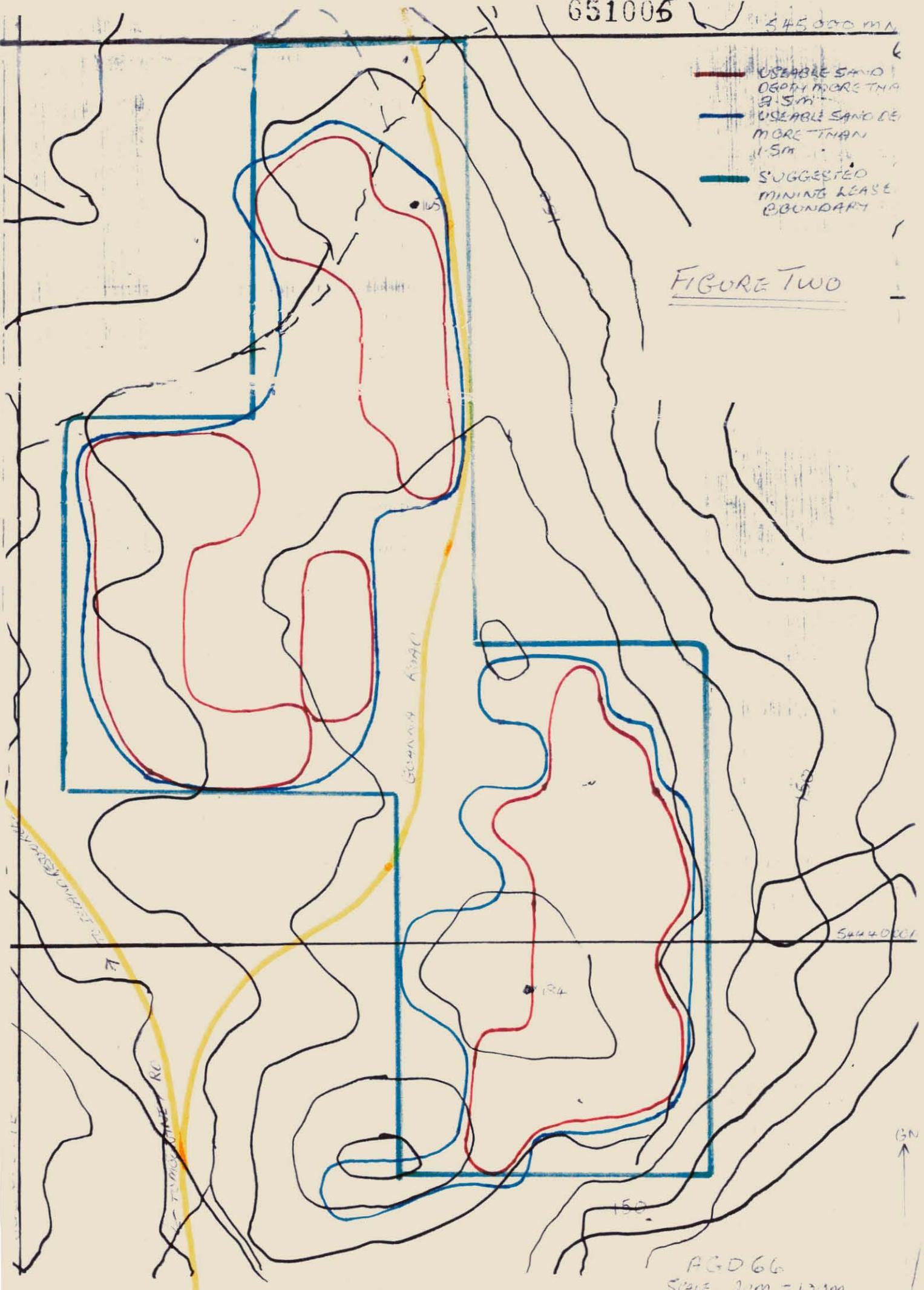


651005

545000 m

- USEABLE SAND DEPTH MORE THAN 9.5m
- USEABLE SAND DEPTH MORE THAN 1.5m
- SUGGESTED MINING LEASE BOUNDARY

FIGURE TWO



AGD 66  
SCALE 2CM = 100M

## 4.0 HISTORY OF EXPLORATION

In 1996 the partnership of Timron Mining (Ron Gregory & Tim Parish) and Pat & Shirley Coffey was formed to explore for quartz sand close to formed roads at Kamona. Tim Parish already holds and operates a mining lease for sand on Goanna Road, a further 3 kms north of the Kamona deposit.

Exploration in 1996 located a 500,000 tons plus deposit of sand around Hill .184. Further exploration confirmed another 250,000 tons around and south of Hill.165. Both these areas are outlined on Figure <sup>Two</sup> ~~Three~~. The exploration also confirmed that no other large sand deposit (50,000 tons plus) exists in the district that is not held under mining lease.

## 5.0 RESERVE ASSESSMENT

The vicinity around Hills .184 and .165 was grided and pits dug every 100 metres by excavator. The depth of sand was recorded, a sample of the sand taken and the hole filled in. The location of the pits are shown on Figures <sup>Three</sup> ~~Four~~ (Hill .184) and ~~Five~~ <sup>Four</sup> (.165).

Reserves have been calculated by the square prism method centred on the prospect holes. The specific gravity of the sand is 1.6 and this was used to calculate the tonnage from the volume. Depth measurements used for the above calculations were 1 metre less than the total depth to allow for removal of topsoil and irregular basement.

### Reserve Summary

	Cubic Metres	Tons
Hill .184	332,000	531,000
Hill .165	<u>155,000</u>	<u>248,000</u>
TOTAL	487,000	779,000

## **6.0 SAND PARTICLE SIZE**

651007

The quartz sand is typical of the district and could be described as coarse, but all of it is below 10mm.

## **7.0 SUGGESTED MINING LEASE BOUNDARY**

The boundary suggested in Figure <sup>two</sup> six would adequately cover the majority of the deposit and allow good access.

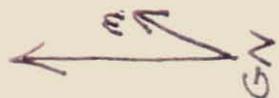
## **8.0 RECOMMENDED MINING METHOD**

No adequate water supply lies on or close at hand to the area. Consequently it is recommended that the sand be screened dry. Production with a mobile screen several times a year would significantly reduce capital expenditure and security problems.

## **9.0 REHABILITATION**

### **& ENVIRONMENTAL CONCERNS**

No known endangered or threatened species exist in the area. The vegetation has no current economic use. Other operators have not had difficulty establishing or operating sand pits in the area, so no major problems are likely.



300E SCALE 4cm = 100m

# SAND ORE RESERVES - HILL 184

NIL NIL NIL 1 (NATIVE CEMENT)

•	PROVEN
•	PROBABLE

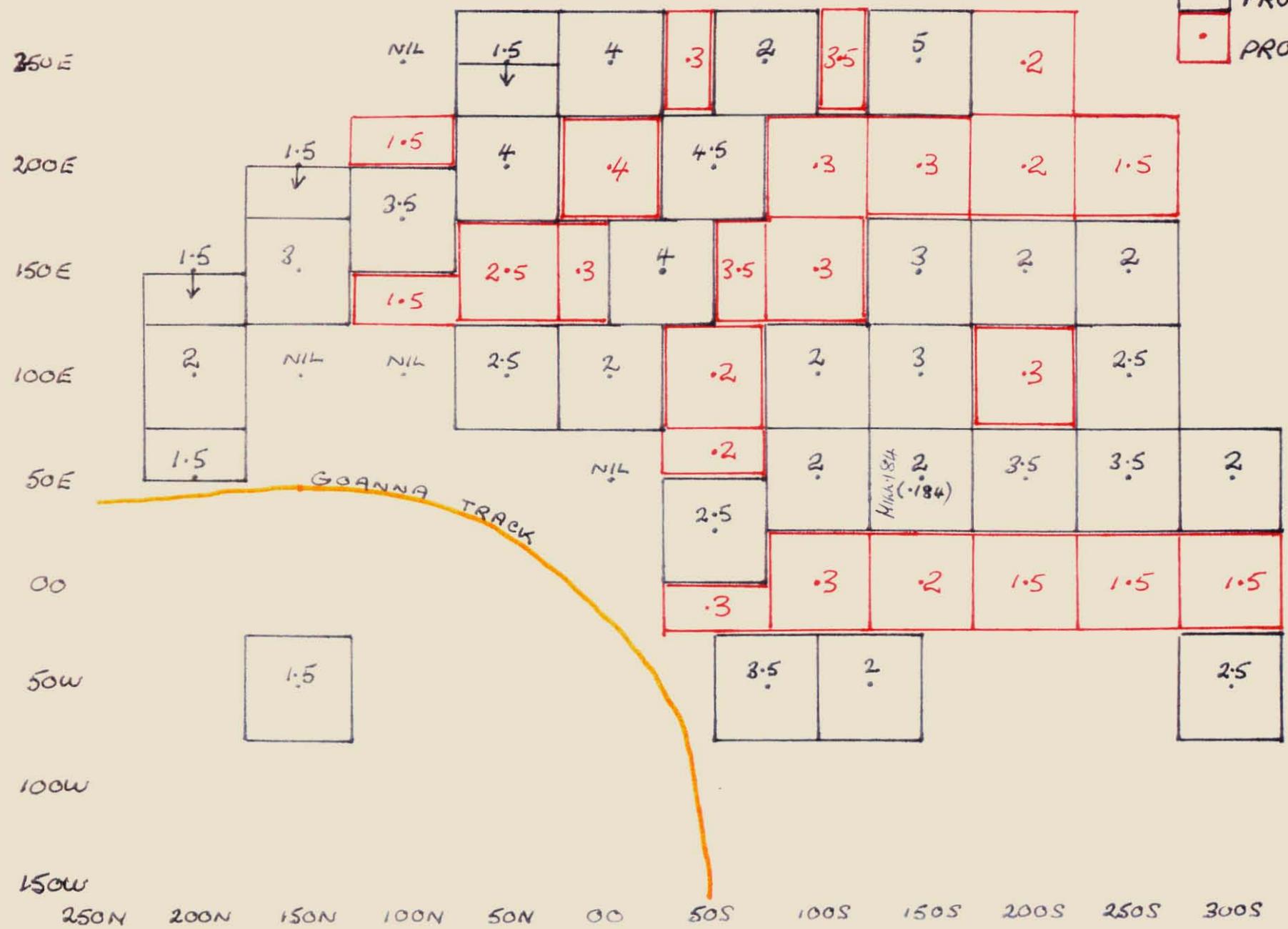
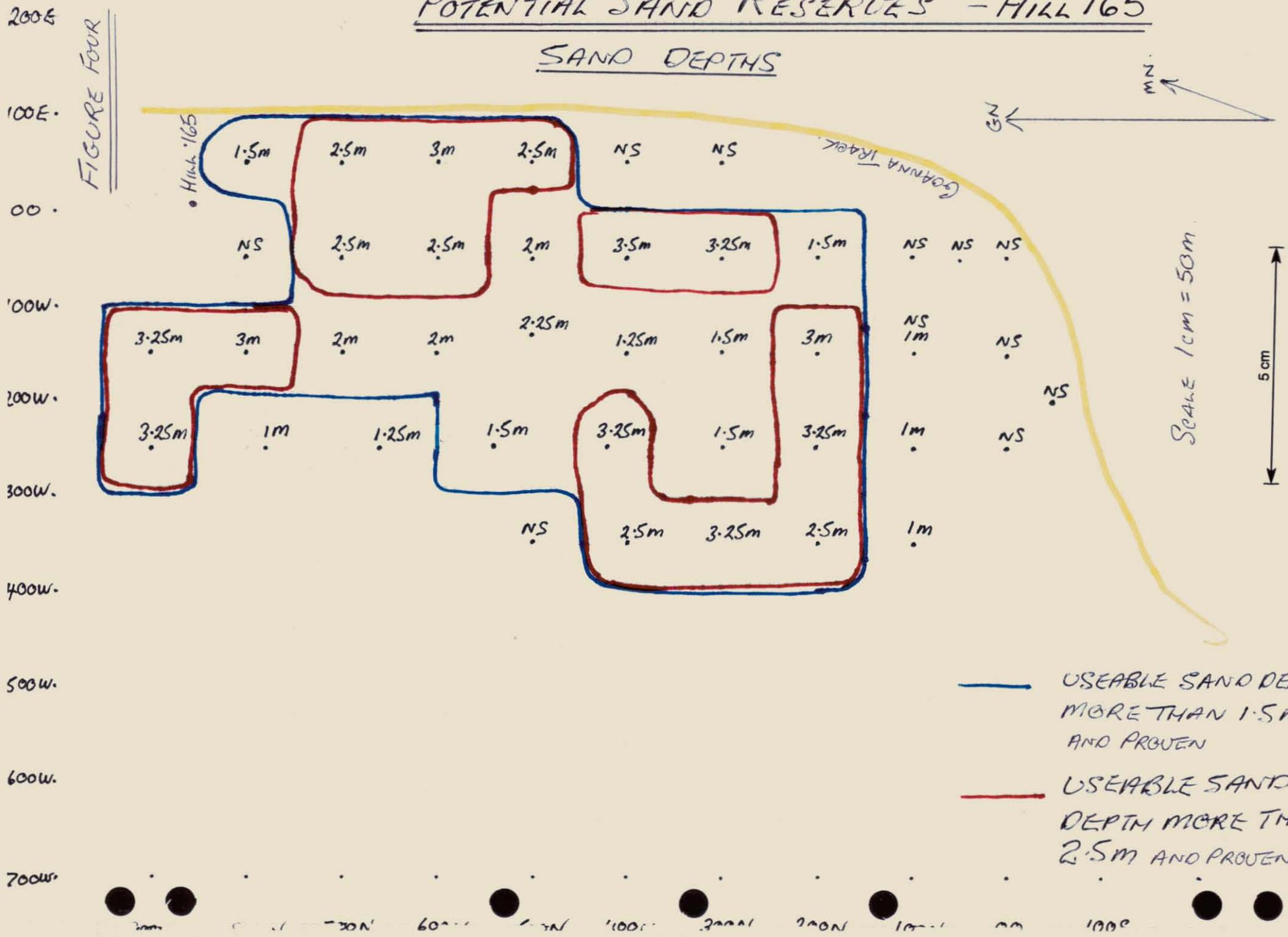


FIGURE THREE

651008

# POTENTIAL SAND RESERVES - HILL 165

## SAND DEPTHS



651009