

Department of Mines Laboratory,

Launceston 10th October, 1947

MEMORANDUMIlmenite Samples No. 615-9/47

The above samples received from you on the 3rd instant and stated to be beach sands from Gordon have been examined with the following results :

Four of the five samples contained considerable sand and as it was considered that analyses would be of little value on the samples as received they were concentrated on a Wilfley Table and analyses made of the concentrates. The percentage weights of concentrates produced are shown.

		<u>Per cent</u>
No. 615/1.	Weight of Concentrate	71.1
	TiO <sub>2</sub>	48.5
	Cr <sub>2</sub> O <sub>3</sub>	0.1
No. 616/2.	Weight of Concentrate	20.0
	TiO <sub>2</sub>	49.0
	Cr <sub>2</sub> O <sub>3</sub>	0.16
No. 617/3.	Weight of Concentrate	98.4
	TiO <sub>2</sub>	48.0
	Cr <sub>2</sub> O <sub>3</sub>	0.15
No. 618/4.	Weight of Concentrate	43.1
	TiO <sub>2</sub>	48.0
	Cr <sub>2</sub> O <sub>3</sub>	0.12
No. 619/5	Weight of Concentrate	67.7
	TiO <sub>2</sub>	47.5
	Cr <sub>2</sub> O <sub>3</sub>	0.15

(Sgd) W. St. C. Manson  
CHIEF CHEMIST & METALLURGIST

Director of Mines,  
HOBART