

TR 11-147

## R. 510

26. ABERFOYLE TIN, N.L.: GILL MAGNETIC SEPARATOR  
TESTS ON STOREY'S CREEK VANNER TAILING**Sample**

A sample of Storey's Creek vanner tailing was submitted by Aberfoyle Tin, N.L. (Aberfoyle Reference E64) for testing in the Gill magnetic separator.

**Method**

The sample was passed through one pole of the Gill separator using plenty of wash water.

The magnetic concentrate thus obtained was panned to get a high grade tungsten product.

**Comment**

The magnetic concentrate contained 0.9 per cent of the tungsten, and assayed 5.4 per cent  $WO_3$ . Thus no appreciable concentration of tungsten was obtained by this machine from this product.

**Results**

Product	Per Cent		Per Cent
	Weight	$WO_3$	$WO_3$ Distribution
Pan. Conc. ....	0.013	25.0	0.5
Pan. Tail. ....	0.101	2.9	0.4
Mag. Conc. ....	0.114	5.4	0.9
Non-mag. Tail. ....	99.886	0.7	99.1
Comp. Vanner Tail. ....	100.0	0.71	100.0