

# Raitajärvi graphite project

Located 25km northeast from Överkallix and 130km by road to the Port of Luleå, the Raitajärvi graphite project has a total JORC 2004 resource of 4.3Mt at 7.1% graphite. Raitajärvi has been declared a mineral deposit of national interest by the Swedish Geological Survey.

## Raitajärvi graphite project – Total JORC (2012) Mineral Resource Estimate

The Raitajärvi graphite Mineral Resource Estimate was disclosed on 26 August 2013 in accordance with the 2004 JORC Code (ASX:TLG 26 August 2013).

| Deposit      | Resource Category               | Tonnage (t)      | Graphite (% Cg) |
|--------------|---------------------------------|------------------|-----------------|
| Raitajärvi   | Indicated                       | 3,400,000        | 7.3             |
| Raitajärvi   | Inferred                        | 900,000          | 6.4             |
| <b>Total</b> | <b>Indicated &amp; Inferred</b> | <b>4,300,000</b> | <b>7.1</b>      |

## Exploration History

Graphite was initially identified at Raitajärvi in the late 1800s. The Swedish Geological Survey undertook ground based geophysics in 1974 and 1978, defining three parallel stratigraphic conductors within a 6km x 1.5km area. Between 1989 and 1992 the SGU completed 20 diamond drill holes for 1242m and 5 trenches for 803m and outlined an initial coarse flake graphite (non-JORC) resource of 0.6Mt @ 8.9% graphite ("Cg").

During March-April 2013 Talga undertook a diamond drilling program at Raitajärvi, drilling 28 holes for 3,666m. This led to the calculation of a new 2004 JORC compliant resource of 4.3Mt @ 7.1% Cg, with 3.4Mt @ 7.3% Cg classified Indicated (ASX:TLG 26 August 2013), using a 5% graphite cut off grade.

## Metallurgical Test work

Thin section analysis of 87 samples (from both drill core and trenched material) by the SGU identified a high proportion of coarse flake present at Raitajärvi, with 87% of graphite flakes greater than 100 microns ( $\mu\text{m}$ ), and 49% greater than 200  $\mu\text{m}$ . Historical metallurgical test work produced excellent results, with graphite concentrates grading 90-94% C from simple (unoptimised) flotation and >99% C in a basic enrichment test.

Talga continues exploration at Raitajärvi as required and in step with development plans at its Vittangi and Jalkunen graphite projects.