

RARE EARTHS IN SOLUTION. URANIUM BELOW THE DETECTION LIMIT.

The U and Th results for three selected primary leach solutions are shown in full. Uranium was reported at <0.04 mg/kg in every result; thorium was 2.59, <0.20 and 2.92 mg/kg. The same SGS method was applied to each selected result.

COMMON DIAGNOSTIC METHOD

SGS GE050L | ICM694 | 0.5 M AMMONIUM SULPHATE | INITIAL pH 4 | 30 MINUTES | ICP-OES / ICP-MS

RARE-EARTH CONTEXT

383-667

mg/kg DREO in the same three selected primary leach solutions

OXIDE-EQUIVALENT
context only - no shared quantitative axis

92 **U** URANIUM

3 OF 3 SELECTED RESULTS

<0.04

mg/kg U

below the SGS laboratory detection limit

PT-36 0-1 m

<0.04

mg/kg

PT-34 1-2 m

<0.04

mg/kg

PT-42 0-1 m

<0.04

mg/kg

90 **Th** THORIUM

ALL RESULTS SHOWN

2.92

mg/kg Th

highest of the three selected results

PT-36 0-1 m

2.59

mg/kg

PT-34 1-2 m

<0.20

mg/kg

PT-42 0-1 m

2.92

mg/kg

WHAT THE TEST REPORTED

U below the stated limit in every selected solution.

Th ranged from <0.20 to 2.92 mg/kg; every value is shown.

THE EVIDENCE BOUNDARY

A solution assay is not a radiological conclusion.

Feed, residue, mass balance, product and activity characterisation remain required.