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## Thor outlines Molyhil project

THOR Mining plc has received a scoping study for the development of its Molyhil tungsten-molybdenum project in Australia's Northern Territory (*MJ*, January 27, p12), and now plans to conduct a feasibility study.

The scoping study recommends that the feasibility should examine a 300,000 t/y open-pit operation over the initial four years of mining, and estimates that capital costs could be in the region of A\$20 million.

The feasibility would include further work, principally deep drilling below the proposed 150 m-deep open pit, drilling of geotechnical holes, upgrading the

borefield, and investigation of another anomaly nearby.

Molyhil remains open at depth, and geophysical techniques indicate that it may extend to 400-500 m depth.

Metallurgical testing, completed on material excavated from shafts sunk into the deposit, indicates that recoveries of up to 51% WO<sub>3</sub> and 78% MoS<sub>2</sub> can be achieved.

John Barr, Thor's chairman, told *Mining Journal* this week that the shafts were sunk to verify grades of mineralisation derived from historical production at Molyhil. Mr Barr said Thor's drilling had failed to yield similar grades owing to a

strong nugget effect.

Mr Barr also said that recoveries could be improved by using iterative processing of concentrates, and the determination of the optimum processing route is a subject for the feasibility study.

Thor's feasibility study of Molyhil is scheduled for completion during the December 2006 quarter.

On the corporate front, Mr Barr said the company is hoping to raise £500,000, and is considering listing on the ASX. Additionally, Mr Barr is in talks with candidates for a chief executive, and plans to secure an off-take deal for Molyhil this year.