

CASE STUDY

Sirius Minerals (York Potash)
North Yorkshire

WOODSMITH POLYHALITE MINE

Fencing Erection | Perimeter Security and Internal

ATM, a DBi Services Company, is proud to be a part of the construction of Sirius Minerals' new £1.7bn Woodsmith Polyhalite Mine at Whitby, North Yorkshire.

ATM staff, overseen by Vanessa Webster & Andy Rumbles, is amid the installation of over 10,000 m of assorted fencing, including security perimeter, animal, and high visibility fencing across 2 sites (Doves Nest and Lockwood Beck). Set in the heart of the North Yorkshire Moor National Park, the sites are located to the South of Whitby.

Updates

Estimated quantities of fencing per site:

DOVES NEST

- Erection of metal post and mesh security fence, 2.4m (H) x 3,800 m (L)
- Erection of pig netting post and netting fence, 1.2 m (H) x 328 m (L)
- Erection of high-visibility warning fencing, 1.2 m (H) x 1,600 m (L)

LOCKWOOD BECK

- Erection of metal post and mesh security fence, 2.4m (H) x 3,943 m (L)
- Erection of pig netting post and netting fence, 1.2 m (H) x 982 m (L)
- Realign dry stone wall, 1.2 m (H) x 500 m (L)
- Erection of high-visibility warning fence, 1.2 m (H) x 200 m (L)

The construction of the mine and infrastructure will take approximately 5 years. Sirius Minerals said, once completed, the mine would deliver at least 1,000 permanent jobs to the region. To minimize the impact of transporting 10 million tons of minerals a year from the mine, a 23 mile (37km) tunnel measuring 4.3m in diameter will be bored from Doves Nest to South Tees, allowing underground conveyor transport of Polyhalite.

Highlights

Challenges. Erection of some fencing was delayed by; dense undergrowth, bushes, small trees, and existing fences, which was cleared in order for the new fence line to be established.

The fencing scheme is part of the enabling works to secure both sites, as building commences. Fencing works started on site in May 2017 and are scheduled to be completed in August.



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