

Hole Number: ES07-94

Units: METRIC

| | | | |
|----------------------------------|-------------------------------------|------------------------------------|------------------------------|
| Project Name: Norway - Espedalen | Primary Coordinates Grid: UTM84-32N | Destination Coordinates Grid: UTM: | Collar Dip: -90.00 |
| Project Number: 201 | North: 6808358.00 | North: 61.41 | Collar Az: 360.00 |
| Location: Surface | East: 532141.00 | East: 9.60 | Length: 75.51 (m) |
| | Elev: 1226.00 | Elev: 1226.00 | Start Depth: 0.00 (m) |
| Date Started: Sep 17, 2007 | Collar Survey: N | Plugged: N | Contractor: Geo Drilling A/S |
| Date Completed: Sep 19, 2007 | Multishot Survey: N | Hole Size: TT46 | Core Storage: Tyrstrand |
| Logged By: J. Grant | Pulse EM Survey: N | Casing: Left in Hole | Final Depth: 75.51 (m) |

Comments: Storgruva. Testing base of UMAF on section with ES07-90.

Sample Averages

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|----------|--------|------------|-----|-----|-----|
| From (m) | To (m) | Lithology | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
| 0 | 0.80 | O/B, Overburden | | | | | | | |
| 0.80 | 41.10 | UM, Ultramafic ULTRAMAFIC The rock is strongly magnetic and fine-grained, although centimetre scale, diffuse, black to dark grey mottling suggest it was fairly coarse prior to deformation. The dark grey patches are elongate at 70 DCA, with aspect ratios of about 2. The apparent grain size decreases below about 38.0 m, with a distinctive chill from 39.5 to 41.1 m. The lower contact is fairly sharp at 50 DCA. Local intervals of broken core associated with fractures: 9.5-9.8 at 50 DCA; 20.0-20.1 at 10 DCA; 23.9-24.6 at 10 DCA; and 35.7-36.1 at 10 DCA. Locally trace pyrrhotite. | | | | | | | |
| 41.10 | 45.50 | GAB, Gabbro "LAMPROPHYRE" 5-10% patches of fine biotite to 2 cm in a light green, medium-grained, non-magnetic leucogabbro. | | | | | | | |
| 45.50 | 72.80 | ANOR, Anorthosite ANORTHOSITE Blotchy white and light grey. Crackling above 64 m and a weak foliation at 55 DCA below 64 m have obscured the primary mineralogy and texture, but the rock seems to have had no primary mafic minerals. Non-magnetic and no sulphides except 3% disseminated pyrrhotite in the core of a minor mafic dyke at 53.1-53.2 m. | | | | | | | |

DETAILED LOG

Hole Number: ES07-94

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|----------|--------|------------|-----|-----|-----|
| From (m) | To (m) | Lithology | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
| 72.80 | 75.50 | FLT, Fault SHEAR Relatively undeformed anorthosite with two intensely foliated to laminated, locally folded and contorted bands at 72.8-73.3 and 74.8-75.3 m. These are probably peripheral shears to the West Shear. The foliation in the shears is at 50 DCA; the folds axes are at 80 DCA. | | | | | | | |
| 75.50 | 75.51 | EOH, End of Hole | | | | | | | |