

Hole Number: ES07-61

Units: METRIC

|                                  |                                     |                                    |                              |
|----------------------------------|-------------------------------------|------------------------------------|------------------------------|
| Project Name: Norway - Espedalen | Primary Coordinates Grid: UTM84-32N | Destination Coordinates Grid: UTM: | Collar Dip: -55.30           |
| Project Number: 201              | North: 6803855.62                   | North: 61.37                       | Collar Az: 48.00             |
| Location: Trona                  | East: 536458.40                     | East: 9.68                         | Length: 157.00 (m)           |
|                                  | Elev: 818.39                        | Elev: 818.39                       | Start Depth: 0.00 (m)        |
| Date Started: May 05, 2007       | Collar Survey: Y                    | Plugged: N                         | Contractor: Geo Drilling A/S |
| Date Completed: May 10, 2007     | Multishot Survey: N                 | Hole Size: TT46                    | Final Depth: 157.00 (m)      |
| Logged By: jdnor                 | Pulse EM Survey: N                  | Casing: Left in hole, capped.      | Core Storage:                |

Comments: Target: Test 50 to 55 meters down dip of ES07-60

Results: Highly magnetic Ultramafic intersected from 49.75 to 89.30m.

Several zones of disseminated to fracture-controlled sulphides were intersected within the ultramafic and within the Gabbros adjacent to the ultramafic.

## Sample Averages

| Detailed Lithology |        | Assay Data   |               |          |        |            |     |     |     |
|--------------------|--------|--|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) | Lithology  | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
| 0                  | 2.55   | O/B, Overburden<br>Casing to 2.55m - actual overburden depth unknown   |               |          |        |            |     |     |     |
| 2.55               | 14.25  | GAB, Gabbro<br>GABBRO<br>med to cs mottled dark green/grey assemblage - 40-60% feldspars (plag) and 40-60% dark green altered pyroxenes? (now chlorite).<br>Weakly sericitic along fractures and rimming the feldspars.<br>Fractured throughout - two sets: 1) fine (1-2mm) at 60-80 deg. - commonly chloritic and flat set at 5-10 deg.<br>Local fault zones - sericitic.<br>Fabric/foliation not well developed, but varies from 50 to 80 deg.<br>Local (5-7cm) pale grey feldspar rich patches/zones.<br><br>2.55 - 4.20 Grey to pale green, feldspar rich (80%) sections moderate sericitic - pervasive partially broken ends with possible fault zone - broken<br><br>13.75 - 14.25 Section with noticeable increase in shearing/faulting? - adjacent to mafic dyke.<br>shearing varies from ~35-50 deg. to CA.<br>moderately sericitic.<br><br>Alteration<br>4.20 - 14.25 :Ser Sericite, F Fracture Controlled, W Weak<br>2.55 - 4.20 :Ser Sericite, P Pervasive, M Moderate<br><br>Structure<br>8.15 - 8.23 : FLT Fault, 60 Deg to CA<br>strongly sericitic |               |          |        |            |     |     |     |

# DETAILED LOG

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|--------------------|--------|---|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
| 14.25              | 17.00  | MD, Mafic Dike<br>Mafic Dyke<br>upper contact at 55 deg, sheared<br>initially very dark green and after 15.40 fine patchy white feldspars present to 5%<br>strongly chloritic throughout to pervasive<br>in initial section 5-10% fine black-brown mineral - biotite?<br>local qtz-carb veining at various angles.<br>local diss/blebby/fracture controled. Po, Cpy.<br>lower contact at 80 deg.<br>Mineralization<br>14.45 - 14.95<br>14.45 - 14.95 : PO Pyrrhotite, F Fracture Controlled, 1%<br>Alteration<br>14.25 - 17.00 :CHL Chlorite, P Pervasive, S Strong<br>Structure<br>14.25 - 14.25 : UC Upper Contact, 55 Deg to CA<br>sheared<br>17.00 - 17.00 : LC Lower Contact, 80 Deg to CA |               |          |        |            |     |     |     |

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|--------------------|--------|---|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) |   | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
| 17.00              | 33.45  | <p>GAB, Gabbro<br/>GABBRO<br/>Very similar to unit from 2.55 to 14.25m.<br/>A coarse mottled light grey to light grey-green and dark green relatively massive unit.<br/>50% light grey feldspars and 50% dark green fine grained chlorite blebs/masses - after pyroxene?<br/>Partially broken throughout.<br/>Felspathic component weakly sericitic - pervasive.<br/>Fabric - poorly developed, but at approximately 50 to 60 deg. to CA.<br/>Unit is not mineralized.</p> <p>Alteration<br/>17.00 - 33.45 :CHL Chlorite, P Pervasive, M Moderate<br/>After pyroxenes?<br/>17.00 - 33.45 :Ser Sericite, P Pervasive, W Weak alteration of felspathic component.</p> <p>Structure<br/>17.83 - 17.84 : FLT Fault, 45 Deg to CA<br/>minor Py<br/>25.65 - 25.65 : FLT Fault, 12 Deg to CA<br/>5mm sericitic fault zone - minor Py.</p> <p>MINOR INTERVALS:<br/>Minor Interval:<br/>33.18 - 33.45 MD, Mafic Dyke<br/>Mafic Dyke<br/>Upper contact at 65 deg. to CA - not sharp<br/>Dark green and fine grained.<br/>2% to 5% local med. grained feldpars.<br/>Moderately chloritic alteration - pervasive.<br/>Part of gabbroic unit??<br/>Lower contact at 40 to 45 deg. to CA.</p> <p>Alteration<br/>33.18 - 33.45 :CHL Chlorite, P Pervasive, M Moderate</p> <p>Structure<br/>33.18 - 33.18 : UC Upper Contact, 65 Deg to CA<br/>33.45 - 33.45 : LC Lower Contact, 12 Deg to CA</p> |               |          |        |            |     |     |     |

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|--------------------|--------|---|---------------|----------|--------|------------|--------|--------|--------|
| From (m)           | To (m) |   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 33.45              | 49.75  | GAB, Gabbro<br>GABBRO (fine grained)<br>Light to medium grey and predominantly fine grained.<br>Locally mottled - light grey/dark green, similar to previous unit.<br>Overall fine grained sections feldspar rich - locally to 80%.<br>Broken throughout.<br>Felspathic component weakly sericitic.<br>Mafic component - now chlorite.<br>Fractured throughout - often filled by qtz - carbonate stringers.<br>Local fine faulting.<br>Local zones of mineralization - predominantly Po with minor Cpy. | PG07086       | 41.60    | 42.60  | 1.00       | 0.0150 | 0.0110 | 0.0060 |
|                    |        |   | PG07087       | 42.60    | 43.10  | 0.50       | 0.0190 | 0.0220 | 0.0070 |
|                    |        |   | PG07088       | 43.10    | 43.65  | 0.55       | 0.0900 | 0.0420 | 0.0280 |
|                    |        |   | PG07089       | 43.65    | 44.40  | 0.75       | 0.0080 | 0.0090 | 0.0040 |
|                    |        |   | PG07090       | 44.40    | 44.90  | 0.50       | 0.1030 | 0.0680 | 0.0320 |
|                    |        |   | PG07091       | 44.90    | 45.40  | 0.50       | 0.1010 | 0.0660 | 0.0320 |
|                    |        |   | PG07092       | 45.40    | 45.90  | 0.50       | 0.1080 | 0.0670 | 0.0330 |
|                    |        |   | PG07093       | 45.90    | 46.30  | 0.40       | 0.1060 | 0.1380 | 0.0330 |
|                    |        |   | PG07094       | 46.30    | 46.75  | 0.45       | 0.0280 | 0.0290 | 0.0100 |
|                    |        |   | PG07095       | 46.75    | 47.25  | 0.50       | 0.0130 | 0.0140 | 0.0060 |
|                    |        |   | PG07096       | 47.25    | 48.20  | 0.95       | 0.0140 | 0.0110 | 0.0070 |
|                    |        | 38.30 - 43.00 Broken throughout - often along fractures.  |               |          |        |            |        |        |        |
|                    |        | 43.10 - 43.65 Section with 7% to 10% sulphides - fracture controlled;<br>6% to 8% Po and 1% to 2% Cpy.  |               |          |        |            |        |        |        |
|                    |        | 44.40 - 46.30 Very dark grey mineralized section with 2% to 5% bluish quartz grains.<br>Overall 15 to 20% sulphides - in part disseminated and fracture-controlled, locally appears to be net-textured.<br>Sulphides consist of 14% to 18% Po and 1% to 2% fine Cpy<br>Local rounded dark green chloritic fragments - to 10mm.  |               |          |        |            |        |        |        |
|                    |        | 46.30 - 46.75 A coarse mottled gabbro with 1% to 3% diss/blebby Po and minor Cpy.   |               |          |        |            |        |        |        |
|                    |        | 46.75 - 49.75 Predominantly a coarse mottled grey/dark green gabbro.<br>Local minor blebby Po with Tr exsolved Cpy.<br>Section partially broken.  |               |          |        |            |        |        |        |
|                    |        | Mineralization  |               |          |        |            |        |        |        |
|                    |        | 44.40 - 46.30 : PO Pyrrhotite, Net Net Textured, 15%<br>In part diss. and frac. - controlled.   |               |          |        |            |        |        |        |
|                    |        | 43.10 - 43.65 : PO Pyrrhotite, F Fracture Controlled, 7%  |               |          |        |            |        |        |        |
|                    |        | 46.30 - 46.75<br>Within cs. mottled gabbro.   |               |          |        |            |        |        |        |
|                    |        | 44.40 - 46.30 : Cpy Chalcopyrite, Net Net Textured, 2%<br>fine grained  |               |          |        |            |        |        |        |
|                    |        | 43.10 - 43.65 : Cpy Chalcopyrite, F Fracture Controlled, 1%   |               |          |        |            |        |        |        |
|                    |        | 46.30 - 46.75 : PO Pyrrhotite, D Disseminated, 2%   |               |          |        |            |        |        |        |
|                    |        | Alteration  |               |          |        |            |        |        |        |
|                    |        | 33.45 - 49.75 :Ser Sericite, P Pervasive, W Weak<br>Felspathic component.   |               |          |        |            |        |        |        |
|                    |        | 33.45 - 49.75 :CHL Chlorite, P Pervasive, W Weak<br>Confined to mafic component.  |               |          |        |            |        |        |        |

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|--------------------|--------|---|---------------|----------|--------|------------|--------|--------|--------|
| From (m)           | To (m) |   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 49.75              | 89.30  | UM, Ultramafic<br>ULTRA MAFIC (OIKICRYSTIC PYROXENITE)<br>very dark grey green to black with rounded grey altered pyroxenes to 2cm relatively massive, but there is a weak fabric @ 70 deg as defined by elongation of grey pyroxenes?<br>strongly magnetic throughout - Mag. Sus. readings range from 48 to 151.<br>dark grey-green to black matrix, moderate to strong serpentinous.<br>1% fine diss. Po - locally with minor Cpy<br>fine fractures/faults throughout (two sets) 1) @60-70 deg. and 2) 30-40 deg - often carb-serp filled<br>locally broken | PG07097       | 81.00    | 81.50  | 0.50       | 0.1050 | 0.0070 | 0.0110 |
|                    |        |   | PG07098       | 81.50    | 81.80  | 0.30       | 0.1970 | 0.0240 | 0.0190 |
|                    |        |   | PG07099       | 81.80    | 82.30  | 0.50       | 0.1030 | 0.0100 | 0.0110 |
|                    |        |   | PG07101       | 82.30    | 83.30  | 1.00       | 0.1100 | 0.0080 | 0.0110 |
|                    |        |   | PG07102       | 83.30    | 84.00  | 0.70       | 0.1070 | 0.0130 | 0.0110 |
|                    |        |   | PG07103       | 84.00    | 85.00  | 1.00       | 0.1000 | 0.0170 | 0.0100 |
|                    |        |   | PG07104       | 85.00    | 85.50  | 0.50       | 0.1140 | 0.0050 | 0.0120 |
|                    |        |   | PG07105       | 85.50    | 86.17  | 0.67       | 0.1100 | 0.0070 | 0.0120 |
|                    |        |   | PG07106       | 86.17    | 87.00  | 0.83       | 0.0830 | 0.0090 | 0.0100 |
|                    |        |   | PG07107       | 87.00    | 87.60  | 0.60       | 0.0760 | 0.0060 | 0.0110 |
|                    |        |   | PG07108       | 87.60    | 88.20  | 0.60       | 0.0890 | 0.0070 | 0.0110 |
|                    |        |   | PG07109       | 88.20    | 88.80  | 0.60       | 0.1040 | 0.0220 | 0.0130 |
|                    |        |   | PG07110       | 88.80    | 89.30  | 0.50       | 0.0840 | 0.0280 | 0.0130 |
|                    |        | 49.75 - 53.40 Partially broken due to series of hih angle fractures/faults  |               |          |        |            |        |        |        |
|                    |        | 60.60 - 61.40 Badly broken core due to series of high angle carb-serp filled fractures/faults.  |               |          |        |            |        |        |        |
|                    |        | 66.80 - 67.60 Badly broken core   |               |          |        |            |        |        |        |
|                    |        | 72.60 - 76.50 Badly broken core.<br>Probable fault zone - same very badly broken section probable fault gouge.<br>Locally sheared @ 35 deg.<br>Fractures commonly carb-serp + - Mt filled.  |               |          |        |            |        |        |        |
|                    |        | 86.17 - 89.30 Very dark grey - green to almost black phase of ultramafic.<br>Moderately to strongly sereptinuous.<br>Coarse grey "oikocrystic pyroxenes" noted previously no longer present.<br>Section is mineralized with patchy disseminated and fracture controlled Po - from 1% to 10%, with minor exsolved Cpy.   |               |          |        |            |        |        |        |
|                    |        | Mineralization  |               |          |        |            |        |        |        |
|                    |        | 89.30 - 89.30   |               |          |        |            |        |        |        |
|                    |        | 86.17 - 88.82   |               |          |        |            |        |        |        |
|                    |        | 81.57 - 81.64 : Cpy Chalcopyrite, BL Blebby, 1%   |               |          |        |            |        |        |        |
|                    |        | 89.30 - 89.30 : PO Pyrrhotite, BB Blebby, 6%<br>disseminated and blebby.  |               |          |        |            |        |        |        |
|                    |        | 86.17 - 88.82 : PO Pyrrhotite, DIS Disseminated, 1%<br>Patchy distribution.   |               |          |        |            |        |        |        |
|                    |        | 81.57 - 81.64 : PO Pyrrhotite, BL Blebby, 15%   |               |          |        |            |        |        |        |
|                    |        | Alteration  |               |          |        |            |        |        |        |
|                    |        | 49.75 - 87.00 :SERP Serpentine, P Pervasive, S Strong   |               |          |        |            |        |        |        |
|                    |        | Structure   |               |          |        |            |        |        |        |
|                    |        | 49.75 - 49.75 : UC Upper Contact, 60 Deg to CA  |               |          |        |            |        |        |        |
|                    |        | 50.00 - 50.00 : FLT Fault, 45 Deg to CA   |               |          |        |            |        |        |        |
|                    |        | Broken - true width unknown   |               |          |        |            |        |        |        |
|                    |        | 66.72 - 66.79 : FLT Fault, 60 Deg to CA   |               |          |        |            |        |        |        |

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|--------------------|--------|--|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) | Lithology  | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
|                    |        | Structure  |               |          |        |            |     |     |     |
|                    |        | 77.56 - 77.57 : Frct Fracture, 70 Deg to CA<br>carb-serp Mt. filled                  |               |          |        |            |     |     |     |
|                    |        | 79.58 - 79.58 : F Fractured, 70 Deg to CA<br>2-5mm and carb-serp Mt. filled          |               |          |        |            |     |     |     |
|                    |        | 81.46 - 81.46 : F Fractured, 65 Deg to CA<br>20-25mm fault zone - strongly fractured |               |          |        |            |     |     |     |
|                    |        | 82.41 - 82.41 : FLT Fault, 80 Deg to CA<br>carb-serp Mt. filled                      |               |          |        |            |     |     |     |
|                    |        | 83.59 - 83.59 : F Fractured, 70 Deg to CA<br>carb-serp Mt. filled                    |               |          |        |            |     |     |     |
|                    |        | 83.94 - 83.94 : F Fractured, 40 Deg to CA<br>carb filled                             |               |          |        |            |     |     |     |
|                    |        | 84.49 - 84.49 : F Fractured, 70 Deg to CA<br>5mm - carb-serp Mt. filled              |               |          |        |            |     |     |     |
|                    |        | 84.69 - 84.69 : F Fractured, 75 Deg to CA<br>7mm - carb-serp Mt. filled              |               |          |        |            |     |     |     |
|                    |        | 85.05 - 85.05 : F Fractured, 25 Deg to CA  |               |          |        |            |     |     |     |
|                    |        | 86.06 - 86.17 : FLT Fault, 75 Deg to CA<br>Fault gouge - partially broken            |               |          |        |            |     |     |     |
|                    |        | 86.40 - 86.40 : FLT Fault, 40 Deg to CA<br>10mm fault zone - carb filled fractures.  |               |          |        |            |     |     |     |
|                    |        | 87.29 - 87.29 : Frct Fracture, 80 Deg to CA<br>serpentinous                          |               |          |        |            |     |     |     |
|                    |        | 87.86 - 87.86 : Frct Fracture, 25 Deg to CA<br>Serp - carb filled.                   |               |          |        |            |     |     |     |
|                    |        | 88.41 - 88.41 : Frct Fracture, 80 Deg to CA<br>serpentinous                          |               |          |        |            |     |     |     |
|                    |        | 88.50 - 88.50 : Frct Fracture, 32 Deg to CA<br>Carb - serp filled.                   |               |          |        |            |     |     |     |

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| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 89.30              | 103.10 | GAB, Gabbro   | PG07111       | 89.30    | 89.80  | 0.50       | 0.0250 | 0.0025 | 0.0040 |
|                    |        | GABBRO  | PG07112       | 89.80    | 90.80  | 1.00       | 0.0160 | 0.0025 | 0.0030 |
|                    |        | Colour varies from light grey to dark grey - green to dark green becoming mottled towards end of unit.  | PG07113       | 90.80    | 91.30  | 0.50       | 0.0170 | 0.0090 | 0.0040 |
|                    |        | Feldspar rich - lighter coloured phases with a 10% to 15% mafic component - now altered to chlorite.  | PG07114       | 91.30    | 91.95  | 0.65       | 0.0150 | 0.0025 | 0.0030 |
|                    |        | Patchy sulphide mineralization throughout, confined to darker fine grained phase, with disseminated/blebby and fracture - controlled Po and trace Cpy.                  | PG07115       | 91.95    | 92.25  | 0.30       | 0.0290 | 0.0100 | 0.0070 |
|                    |        | Overall massive - no apparent fabric.   | PG07116       | 92.25    | 93.00  | 0.75       | 0.0230 | 0.0190 | 0.0060 |
|                    |        | weakly fractured throughout and locally broken.   | PG07117       | 93.00    | 93.50  | 0.50       | 0.0130 | 0.0110 | 0.0030 |
|                    |        |   | PG07118       | 93.50    | 94.10  | 0.60       | 0.0300 | 0.0280 | 0.0070 |
|                    |        | @ 92.17 a 30mm section with 15% to 20% masses Po and 1% Cpy.  | PG07119       | 94.10    | 94.70  | 0.60       | 0.1170 | 0.0750 | 0.0240 |
|                    |        |   | PG07121       | 94.70    | 95.30  | 0.60       | 0.0650 | 0.0430 | 0.0130 |
|                    |        | 92.50 - 94.10 Light grey phase with 1% diss/blebby Po and Tr Cpy.   | PG07122       | 95.30    | 95.80  | 0.50       | 0.0890 | 0.0760 | 0.0190 |
|                    |        |   | PG07123       | 95.80    | 96.20  | 0.40       | 0.0680 | 0.0510 | 0.0150 |
|                    |        | 94.10 - 96.20 Medium to dark grey phase with 2% to 7% diss/masses Po and Tr to 1% Cpy.  | PG07125       | 96.20    | 97.20  | 1.00       | 0.0430 | 0.0310 | 0.0090 |
|                    |        |   | PG07126       | 97.20    | 97.65  | 0.45       | 0.0730 | 0.0830 | 0.0150 |
|                    |        | 96.20 - 96.50 Very badly broken core.   | PG07127       | 97.65    | 98.20  | 0.55       | 0.2280 | 0.1190 | 0.0460 |
|                    |        |   | PG07128       | 98.20    | 99.20  | 1.00       | 0.0030 | 0.0025 | 0.0010 |
|                    |        | 96.50 - 97.05 Finely mottled gabbro - cream coloured/dark geen. Partially broken.   | PG07129       | 99.20    | 100.10 | 0.90       | 0.0080 | 0.0025 | 0.0020 |
|                    |        |   | PG07130       | 100.10   | 100.75 | 0.65       | 0.0510 | 0.0360 | 0.0120 |
|                    |        | 97.05 - 97.65 Medium to dark grey - green section with 2% to 3% diss/blebby Po. Fine grained and partially broken.  | PG07131       | 100.75   | 101.25 | 0.50       | 0.1230 | 0.0860 | 0.0250 |
|                    |        |   | PG07132       | 101.25   | 101.75 | 0.50       | 0.1320 | 0.1130 | 0.0270 |
|                    |        | 97.65 - 98.20 Section with 15% to 20% net-textured? to disseminated Po and 1% Cpy.  | PG07133       | 101.75   | 102.15 | 0.40       | 0.1140 | 0.1120 | 0.0230 |
|                    |        |   | PG07134       | 102.15   | 102.65 | 0.50       | 0.0910 | 0.0800 | 0.0190 |
|                    |        | 98.20 - 100.10 Medium grey altered gabbro. Weakly sericitic and partially broken.   | PG07135       | 102.65   | 103.15 | 0.50       | 0.1060 | 0.0860 | 0.0220 |
|                    |        |   |               |          |        |            |        |        |        |
|                    |        | 100.10 - 100.75 Medium green/cream coloured mottled mafic rich gabbro. Tr patchy disseminated Po.   |               |          |        |            |        |        |        |
|                    |        | 100.75 - 102.15 Dark green, fine grained section with 5% to 10% diss/blebby Po and Tr Cpy. Po in part fracture controlled. Local anorthosite inclusions - to 3cm.       |               |          |        |            |        |        |        |
|                    |        | 102.15 - 103.10 Dark grey-green section similar to above, but with 15% to 20% pale green (weakly sericitic) anorthositic inclusions 2% to 5% diss/blebby Po and Tr Cpy. |               |          |        |            |        |        |        |
|                    |        | Mineralization  |               |          |        |            |        |        |        |
|                    |        | 97.65 - 98.20 : Cpy Chalcopyrite, Net Net Textured, 1%  |               |          |        |            |        |        |        |
|                    |        | 97.05 - 97.65   |               |          |        |            |        |        |        |
|                    |        | 94.10 - 96.20   |               |          |        |            |        |        |        |

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|--------------------|--------|---|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
|                    |        | Mineralization<br>92.17 - 92.20 : Cpy Chalcopyrite, BB Blebby, 1%<br>102.15 - 103.10 : PO Pyrrhotite, DIS Disseminated, 3%<br>102.15 - 103.10<br>100.75 - 102.15<br>100.75 - 102.15 : PO Pyrrhotite, DIS Disseminated, 7%<br>97.65 - 98.20 : PO Pyrrhotite, Net Net Textured, 15%<br>97.05 - 97.65 : PO Pyrrhotite, DIS Disseminated, 2%<br>94.10 - 96.20 : PO Pyrrhotite, DIS Disseminated, 5%<br>92.17 - 92.20 : PO Pyrrhotite, BB Blebby, 15%<br>Structure<br>95.15 - 95.15 : Frct Fracture, 15 Deg to CA<br>2mm carb-serp filled fracture.<br>95.79 - 95.79 : Frct Fracture, 45 Deg to CA<br>1mm carb-serp filled fracture. |               |          |        |            |     |     |     |



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Units: METRIC

| Detailed Lithology |        | Assay Data  |               |          |        |            |        |        |        |
|--------------------|--------|---|---------------|----------|--------|------------|--------|--------|--------|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 103.10             | 121.47 | GAB, Gabbro<br>GABBRO (MOTTLED GABBRO)<br>Predominantly a medium to coarse grained mottled gabbro.<br>Colour a mixed dark green/cream colour.<br>20% to 30% mafic component - altered to chlorite.<br>Cream colored phase - weakly sericitic feldspar.<br>Local patchy blebby Po with minor exsolved Cpy usually associated with dark green to dark grey-green phases.<br>Local minor mafic dyking.<br>Fractured/faulted throughout - two sets as noted earlier; 1. at 70 to 80 deg. to CA and 2. at 30 to 40 deg. to CA. | PG07136       | 103.15   | 103.65 | 0.50       | 0.0300 | 0.0230 | 0.0070 |
|                    |        |   | PG07137       | 103.65   | 104.65 | 1.00       | 0.0390 | 0.0280 | 0.0080 |
|                    |        |   | PG07138       | 110.80   | 111.80 | 1.00       | 0.0260 | 0.0200 | 0.0070 |
|                    |        |   | PG07139       | 111.80   | 112.30 | 0.50       | 0.0130 | 0.0060 | 0.0040 |
|                    |        |   | PG07141       | 112.30   | 112.60 | 0.30       | 0.0290 | 0.0180 | 0.0060 |
|                    |        |   | PG07142       | 112.60   | 112.95 | 0.35       | 0.0350 | 0.0270 | 0.0080 |
|                    |        |   | PG07143       | 112.95   | 113.40 | 0.45       | 0.0280 | 0.0170 | 0.0060 |
|                    |        |   | PG07144       | 113.40   | 113.75 | 0.35       | 0.0830 | 0.0760 | 0.0190 |
|                    |        |   | PG07145       | 113.75   | 114.25 | 0.50       | 0.0160 | 0.0025 | 0.0040 |
|                    |        |   | PG07146       | 114.25   | 115.25 | 1.00       | 0.0300 | 0.0220 | 0.0070 |
|                    |        | 112.30 - 112.95 Dark green section with 2% to 5% fracture - controlled to disseminated Po and 1% Cpy.<br>In places sulphides appear net-textured.   |               |          |        |            |        |        |        |
|                    |        | 113.40 - 113.75 Dark green section with 2% to 5% fracture - controlled Po and Tr Cpy.   |               |          |        |            |        |        |        |
|                    |        | 115.98 - 120.00 Spilled core - Box 25 dropped and mixed. Partially reconnected, but section from 115.98 to 120.00 is badly mixed and probably includes some lost core.  |               |          |        |            |        |        |        |
|                    |        | Mineralization  |               |          |        |            |        |        |        |
|                    |        | 113.40 - 113.75 : PO Pyrrhotite, F Fracture Controlled, 3%  |               |          |        |            |        |        |        |
|                    |        | 112.30 - 112.95 : PO Pyrrhotite, DIS Disseminated, 3%   |               |          |        |            |        |        |        |
|                    |        | 113.40 - 113.75 : Cpy Chalcopyrite, F Fracture Controlled, 1%   |               |          |        |            |        |        |        |
|                    |        | 112.30 - 112.95 : Cpy Chalcopyrite, DIS Disseminated, 1%  |               |          |        |            |        |        |        |
|                    |        | Alteration  |               |          |        |            |        |        |        |
|                    |        | 103.10 - 120.40 :CHL Chlorite, PCH Patchy, W Weak   |               |          |        |            |        |        |        |
|                    |        | 103.10 - 120.40 :Ser Sericite, P Pervasive, W Weak  |               |          |        |            |        |        |        |
|                    |        | Structure   |               |          |        |            |        |        |        |
|                    |        | 103.44 - 103.44 : Frct Fracture, 45 Deg to CA<br>Carb-serp filled.  |               |          |        |            |        |        |        |
|                    |        | 103.45 - 103.45 : Frct Fracture, 45 Deg to CA<br>Carb-serp filled.  |               |          |        |            |        |        |        |
|                    |        | 108.40 - 108.40 : Frct Fracture, 85 Deg to CA<br>Carb-serp filled.  |               |          |        |            |        |        |        |
|                    |        | 108.83 - 108.83 : Frct Fracture, 45 Deg to CA<br>Carb-serp filled.  |               |          |        |            |        |        |        |
|                    |        | 109.70 - 109.70 : Frct Fracture, 40 Deg to CA<br>Carb-serp filled.  |               |          |        |            |        |        |        |
|                    |        | 113.28 - 113.28 : FLT Fault, 80 Deg to CA<br>10mm broken fault zone.  |               |          |        |            |        |        |        |

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Units: METRIC

| Detailed Lithology |        | Assay Data  |               |          |        |            |     |     |     |
|--------------------|--------|---|---------------|----------|--------|------------|-----|-----|-----|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni% | Cu% | Co% |
|                    |        | <p>MINOR INTERVALS:<br/> Minor Interval:<br/> 120.4 - 121.47 MD, Mafic Dike<br/> Mafic Dyke<br/> Upper contact at 30 to 35 deg. to CA<br/> Pale green and fine grained.<br/> 5% irregular carbonate veining.<br/> 10% to 15% gabbroic inclusions.<br/> Lower contact sheared at 75 to 80 deg. to CA<br/> Alteration<br/> 120.40 - 121.47 :Ser Sericite, P Pervasive, M Moderate<br/> 120.40 - 121.47 :CHL Chlorite, P Pervasive, W Weak<br/> Structure<br/> 120.40 - 120.40 : UC Upper Contact, 30 Deg to CA<br/> 121.47 - 121.47 : LC Lower Contact, 75 Deg to CA<br/> sheared</p> |               |          |        |            |     |     |     |
| 121.47             | 135.70 | <p>GAB, Gabbro<br/> GABBRO (ANORTHOSITIC GABBRO)<br/> Predominantly a relatively massive grey to medium grey waxy gabbro - locally mottled as in previous unit.<br/> Weak to moderate pervasive sericitic alteration of feldspars.<br/> Composed of 70% to 80% feldspars and 20% to 30% chlorite after mafic component.<br/> Weak fabric (foliation) at 50 to 60 deg. to CA.<br/> Local mafic dyking.<br/> Local minor fracture controlled Po.<br/> Alteration<br/> 121.47 - 135.70 :Ser Sericite, P Pervasive, M Moderate</p>  |               |          |        |            |     |     |     |

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Units: METRIC

| Detailed Lithology |        | Assay Data  |               |          |        |            |        |        |        |
|--------------------|--------|---|---------------|----------|--------|------------|--------|--------|--------|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 135.70             | 145.80 | ANOR, Anorthosite   | PG07147       | 136.70   | 137.20 | 0.50       | 0.0030 | 0.0025 | 0.0020 |
|                    |        | ANORTHOSITE   | PG07148       | 137.20   | 137.60 | 0.40       | 0.0460 | 0.0320 | 0.0130 |
|                    |        | White to very pale green and predominantly fine grained.  | PG07149       | 137.60   | 137.90 | 0.30       | 0.0040 | 0.0070 | 0.0020 |
|                    |        | Feldspar rich - varies from 60% to 90% + (in places appears similar to core from the Stormyra Zone).  | PG07150       | 143.60   | 144.10 | 0.50       | 0.0020 | 0.0025 | 0.0005 |
|                    |        | Weakly to moderately sericitic.   | PG07151       | 144.10   | 144.45 | 0.35       | 0.0130 | 0.0330 | 0.0060 |
|                    |        | Local minor streaks fuchsite?   | PG07152       | 144.45   | 145.30 | 0.85       | 0.0030 | 0.0025 | 0.0005 |
|                    |        | Locally strngly foliated/sheared at 65 to 70 deg. to CA.  | PG07153       | 145.30   | 145.80 | 0.50       | 0.0060 | 0.0025 | 0.0020 |
|                    |        | Local blebby (remobilized?) sulphides.  |               |          |        |            |        |        |        |
|                    |        | 137.27 - 137.60 Sheared section with 20% to 30% very dark green serpentine inclusions.<br>5% to 7% remolilized Po blebs, Tr Pn? and Tr Cpy. |               |          |        |            |        |        |        |
|                    |        | 144.12 - 144.42 Section with 10% dark blue-green serpentinous inclusions.<br>2% to 3% blebby Po, minor Py and minor Cpy.                    |               |          |        |            |        |        |        |
|                    |        | Mineralization  |               |          |        |            |        |        |        |
|                    |        | 144.12 - 144.42   |               |          |        |            |        |        |        |
|                    |        | 137.27 - 137.60   |               |          |        |            |        |        |        |
|                    |        | 137.27 - 137.60 : PO Pyrrhotite, PAT Patchy, 5%   |               |          |        |            |        |        |        |
|                    |        | 144.12 - 144.42   |               |          |        |            |        |        |        |
|                    |        | 144.12 - 144.42 : PO Pyrrhotite, BB Blebby, 2%  |               |          |        |            |        |        |        |
|                    |        | 137.27 - 137.60   |               |          |        |            |        |        |        |
|                    |        | Alteration  |               |          |        |            |        |        |        |
|                    |        | 135.70 - 145.80 :Ser Sericite, P Pervasive, M Moderate  |               |          |        |            |        |        |        |
|                    |        | MINOR INTERVALS:  |               |          |        |            |        |        |        |
|                    |        | Minor Interval:   |               |          |        |            |        |        |        |
|                    |        | 137.9 - 138.3 UM, Ultramafic  |               |          |        |            |        |        |        |
|                    |        | Sheared Ultramafic  |               |          |        |            |        |        |        |
|                    |        | Upper contact at 50 deg. - partially ground.  |               |          |        |            |        |        |        |
|                    |        | Light to dark green and fine grained.   |               |          |        |            |        |        |        |
|                    |        | Locally strongly sheared - foliation folded.  |               |          |        |            |        |        |        |
|                    |        | 5% carbonate veining  |               |          |        |            |        |        |        |
|                    |        | Alteration  |               |          |        |            |        |        |        |
|                    |        | 137.90 - 138.30 :SRP Serpentine, P Pervasive, M Moderate  |               |          |        |            |        |        |        |
|                    |        | Structure   |               |          |        |            |        |        |        |
|                    |        | 137.90 - 137.90 : UC Upper Contact, 50 Deg to CA  |               |          |        |            |        |        |        |

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Units: METRIC

| Detailed Lithology |        | Assay Data  |               |          |        |            |        |        |        |
|--------------------|--------|---|---------------|----------|--------|------------|--------|--------|--------|
| From (m)           | To (m) | Lithology   | Sample Number | From (m) | To (m) | Length (m) | Ni%    | Cu%    | Co%    |
| 145.80             | 157.00 | MD, Mafic Dike<br>MAFIC DYKE<br>Upper contact sharp at 85 to 90 deg. to CA.<br>Light buff-green to dark green and fine grained.<br>Speckled/spotted throughout - due to fine cream coloured feldspars.<br>Weakly foliated at 70 to 75 deg. to CA.<br>Moderated pervasive sericite alteration and weakly chloritic.<br>Local anorthosite inclusions.<br>Remobilized sulphides occur adjacent to Upper contact.<br><br>145.80 - 145.92 Very dark green section with 5% to 7% streaky Po, Tr Cpy and Tr Py - Remobilized?<br><br>146.06 - 146.40 Medium to dark grey - green section with 3% to 5% streaky Po.<br>Possible intermixed (sheared) UM component.<br><br>147.52 - 147.75 Dark grey-green section with 2% to 5% fine disseminated Po and Tr Cpy.<br><br>157.00 End of Hole.<br>Mineralization<br>147.52 - 147.75 : PO Pyrrhotite, DIS Disseminated, 3%<br>145.80 - 145.92<br>145.80 - 145.92 : PO Pyrrhotite, FF Fracture Filling, 6% streaky<br>147.52 - 147.75<br>146.06 - 146.40 : PO Pyrrhotite, DIS Disseminated, 4% streaky<br>145.80 - 145.92<br>Alteration<br>145.80 - 157.00 :CHL Chlorite, P Pervasive, W Weak<br>145.80 - 157.00 :Ser Sericite, P Pervasive, M Moderate<br>Structure<br>145.80 - 145.80 : UC Upper Contact, 85 Deg to CA<br>154.40 - 154.40 : FOL Foliated, 70 Deg to CA | PG07154       | 145.80   | 146.40 | 0.60       | 0.0560 | 0.0560 | 0.0140 |
|                    |        |   | PG07155       | 146.40   | 147.00 | 0.60       | 0.0210 | 0.0280 | 0.0050 |
|                    |        |   | PG07156       | 147.00   | 147.50 | 0.50       | 0.0100 | 0.0025 | 0.0030 |
|                    |        |   | PG07157       | 147.50   | 147.80 | 0.30       | 0.0610 | 0.0660 | 0.0150 |
|                    |        |   | PG07158       | 147.80   | 148.30 | 0.50       | 0.0070 | 0.0120 | 0.0030 |

## Samples

| Sample Number | From (m) | To (m) | Ni%    | Cu%    | Co%    |
|---------------|----------|--------|--------|--------|--------|
| Sample Type   | ASSAY    |        |        |        |        |
| PG07086       | 41.60    | 42.60  | 0.0150 | 0.0110 | 0.0060 |
| PG07087       | 42.60    | 43.10  | 0.0190 | 0.0220 | 0.0070 |
| PG07088       | 43.10    | 43.65  | 0.0900 | 0.0420 | 0.0280 |
| PG07089       | 43.65    | 44.40  | 0.0080 | 0.0090 | 0.0040 |

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Units: METRIC

## Samples

| Sample Number | From (m) | To (m) | Ni%    | Cu%    | Co%    |
|---------------|----------|--------|--------|--------|--------|
| Sample Type   | ASSAY    |        |        |        |        |
| PG07090       | 44.40    | 44.90  | 0.1030 | 0.0680 | 0.0320 |
| PG07091       | 44.90    | 45.40  | 0.1010 | 0.0660 | 0.0320 |
| PG07092       | 45.40    | 45.90  | 0.1080 | 0.0670 | 0.0330 |
| PG07093       | 45.90    | 46.30  | 0.1060 | 0.1380 | 0.0330 |
| PG07094       | 46.30    | 46.75  | 0.0280 | 0.0290 | 0.0100 |
| PG07095       | 46.75    | 47.25  | 0.0130 | 0.0140 | 0.0060 |
| PG07096       | 47.25    | 48.20  | 0.0140 | 0.0110 | 0.0070 |
| PG07097       | 81.00    | 81.50  | 0.1050 | 0.0070 | 0.0110 |
| PG07098       | 81.50    | 81.80  | 0.1970 | 0.0240 | 0.0190 |
| PG07099       | 81.80    | 82.30  | 0.1030 | 0.0100 | 0.0110 |
| PG07101       | 82.30    | 83.30  | 0.1100 | 0.0080 | 0.0110 |
| PG07102       | 83.30    | 84.00  | 0.1070 | 0.0130 | 0.0110 |
| PG07103       | 84.00    | 85.00  | 0.1000 | 0.0170 | 0.0100 |
| PG07104       | 85.00    | 85.50  | 0.1140 | 0.0050 | 0.0120 |
| PG07105       | 85.50    | 86.17  | 0.1100 | 0.0070 | 0.0120 |
| PG07106       | 86.17    | 87.00  | 0.0830 | 0.0090 | 0.0100 |
| PG07107       | 87.00    | 87.60  | 0.0760 | 0.0060 | 0.0110 |
| PG07108       | 87.60    | 88.20  | 0.0890 | 0.0070 | 0.0110 |
| PG07109       | 88.20    | 88.80  | 0.1040 | 0.0220 | 0.0130 |
| PG07110       | 88.80    | 89.30  | 0.0840 | 0.0280 | 0.0130 |
| PG07111       | 89.30    | 89.80  | 0.0250 | 0.0025 | 0.0040 |
| PG07112       | 89.80    | 90.80  | 0.0160 | 0.0025 | 0.0030 |
| PG07113       | 90.80    | 91.30  | 0.0170 | 0.0090 | 0.0040 |
| PG07114       | 91.30    | 91.95  | 0.0150 | 0.0025 | 0.0030 |
| PG07115       | 91.95    | 92.25  | 0.0290 | 0.0100 | 0.0070 |
| PG07116       | 92.25    | 93.00  | 0.0230 | 0.0190 | 0.0060 |
| PG07117       | 93.00    | 93.50  | 0.0130 | 0.0110 | 0.0030 |
| PG07118       | 93.50    | 94.10  | 0.0300 | 0.0280 | 0.0070 |
| PG07119       | 94.10    | 94.70  | 0.1170 | 0.0750 | 0.0240 |
| PG07121       | 94.70    | 95.30  | 0.0650 | 0.0430 | 0.0130 |
| PG07122       | 95.30    | 95.80  | 0.0890 | 0.0760 | 0.0190 |
| PG07123       | 95.80    | 96.20  | 0.0680 | 0.0510 | 0.0150 |
| PG07125       | 96.20    | 97.20  | 0.0430 | 0.0310 | 0.0090 |
| PG07126       | 97.20    | 97.65  | 0.0730 | 0.0830 | 0.0150 |
| PG07127       | 97.65    | 98.20  | 0.2280 | 0.1190 | 0.0460 |
| PG07128       | 98.20    | 99.20  | 0.0030 | 0.0025 | 0.0010 |
| PG07129       | 99.20    | 100.10 | 0.0080 | 0.0025 | 0.0020 |

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Units: METRIC

## Samples

| Sample Number | From (m) | To (m) | Ni%    | Cu%    | Co%    |
|---------------|----------|--------|--------|--------|--------|
| Sample Type   | ASSAY    |        |        |        |        |
| PG07130       | 100.10   | 100.75 | 0.0510 | 0.0360 | 0.0120 |
| PG07131       | 100.75   | 101.25 | 0.1230 | 0.0860 | 0.0250 |
| PG07132       | 101.25   | 101.75 | 0.1320 | 0.1130 | 0.0270 |
| PG07133       | 101.75   | 102.15 | 0.1140 | 0.1120 | 0.0230 |
| PG07134       | 102.15   | 102.65 | 0.0910 | 0.0800 | 0.0190 |
| PG07135       | 102.65   | 103.15 | 0.1060 | 0.0860 | 0.0220 |
| PG07136       | 103.15   | 103.65 | 0.0300 | 0.0230 | 0.0070 |
| PG07137       | 103.65   | 104.65 | 0.0390 | 0.0280 | 0.0080 |
| PG07138       | 110.80   | 111.80 | 0.0260 | 0.0200 | 0.0070 |
| PG07139       | 111.80   | 112.30 | 0.0130 | 0.0060 | 0.0040 |
| PG07141       | 112.30   | 112.60 | 0.0290 | 0.0180 | 0.0060 |
| PG07142       | 112.60   | 112.95 | 0.0350 | 0.0270 | 0.0080 |
| PG07143       | 112.95   | 113.40 | 0.0280 | 0.0170 | 0.0060 |
| PG07144       | 113.40   | 113.75 | 0.0830 | 0.0760 | 0.0190 |
| PG07145       | 113.75   | 114.25 | 0.0160 | 0.0025 | 0.0040 |
| PG07146       | 114.25   | 115.25 | 0.0300 | 0.0220 | 0.0070 |
| PG07147       | 136.70   | 137.20 | 0.0030 | 0.0025 | 0.0020 |
| PG07148       | 137.20   | 137.60 | 0.0460 | 0.0320 | 0.0130 |
| PG07149       | 137.60   | 137.90 | 0.0040 | 0.0070 | 0.0020 |
| PG07150       | 143.60   | 144.10 | 0.0020 | 0.0025 | 0.0005 |
| PG07151       | 144.10   | 144.45 | 0.0130 | 0.0330 | 0.0060 |
| PG07152       | 144.45   | 145.30 | 0.0030 | 0.0025 | 0.0005 |
| PG07153       | 145.30   | 145.80 | 0.0060 | 0.0025 | 0.0020 |
| PG07154       | 145.80   | 146.40 | 0.0560 | 0.0560 | 0.0140 |
| PG07155       | 146.40   | 147.00 | 0.0210 | 0.0280 | 0.0050 |
| PG07156       | 147.00   | 147.50 | 0.0100 | 0.0025 | 0.0030 |
| PG07157       | 147.50   | 147.80 | 0.0610 | 0.0660 | 0.0150 |
| PG07158       | 147.80   | 148.30 | 0.0070 | 0.0120 | 0.0030 |