19-Jul-95
11:00 AM

GRUM PIT BENCHES 1276 - 1240
DILUTED RESERVES BY ROCK TYPE

| | CARBONACEOUS QUARTZITE (2) | | QUARTZITES WITH SULPHIDES (15) | | PYRITIC ORE (5) | | BARYTIC ORE (7) | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TONNES | GRADE | TONNES | GRADE | TONNES | GRADE | TONNES | GRADE | TONNES | GRADE |
| 1276 | 4890 | 4.08 | | | | | | | 4890 | 4.08 |
| 1270 | 20280 | 4.33 | | | | | | | 20280 | 4.33 |
| 1264 | 24110 | 4.42 | | | | | | | 24110 | 4.42 |
| 1258 | 84450 | 4.41 | | | | | | | 84450 | 4.41 |
| 1252 | 163710 | 5.23 | 13250 | 11.94 | | | | | 176960 | 5.73 |
| 1246 | 212900 | 6.14 | 21960 | 12.02 | | | | | 234860 | 6.69 |
| 1240 | 208740 | 6.2 | 22160 | 10.65 | 2530 | 22.35 | 2910 | 7.19 | 236340 | 6.80 |
| TOTAL | 719080 | 5.62 | 57370 | 11.47 | 2530 | 22.35 | 2910 | 7.19 | 781890 | 6.11 |
| % | 92.0 | | 7.3 | | 0.3 | | 0.4 | | 100 | |

ANVIL RANGE MINING CORPORATION
Ultimate Grum Pit - Material Categorization

TOP SURFACE GRID RECORD : Merged Nov/94 Survey ME Corrected JV 94/12/13
BOTTOM SURFACE GRID RECORD : 11 I VINTILA STAGE 3 PIT

| | ROCK TYPE | VOLUME(000) | DENSITY | TONNES(000) | % | %Pb+Zn | %Pb | %Zn | Ag (g/t) | Au (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| ORE MATERIAL | 2 | 5211.09 | 3.051 | 15899.93 | 65 | 5.784 | 2.068 | 3.715 | 35.52 | 0.619 |
| | 3 | 136.75 | 3.447 | 471.36 | 2 | 6.045 | 2.54 | 3.504 | 41.41 | 0.878 |
| | 5 | 159.68 | 3.952 | 631.02 | 3 | 12.38 | 4.334 | 8.046 | 72.06 | 0.971 |
| | 7 | 1514.96 | 4.102 | 6213.81 | 25 | 10.297 | 4.056 | 6.241 | 67.12 | 1.007 |
| | 12 | 9.36 | 3.113 | 29.13 | 0 | 5.348 | 2.767 | 2.581 | 43.73 | 0 |
| | 15 | 321.03 | 3.728 | 1196.82 | 5 | 8.784 | 3.741 | 5.042 | 59.25 | 0.714 |
| SUBTOTAL ORE | | 7352.87 | 3.324 | 24442.07 | 100 | 7.253 | 2.724 | 4.529 | 45.78 | 0.736 |
| SULPHIDE WASTE MATERIAL | 2 | 935.23 | 3.154 | 2950.15 | | 1.908 | 0.679 | 1.228 | 15.12 | 0.53 |
| | 3 | 158.28 | 3.529 | 558.55 | | 1.732 | 0.717 | 1.015 | 16.45 | 0.765 |
| | 5 | 9.11 | 3.587 | 32.69 | | 2.048 | 0.837 | 1.211 | 17.18 | 0.682 |
| | 7 | 13.47 | 4.049 | 54.54 | | 1.602 | 0.662 | 0.941 | 17.56 | 0.623 |
| | 12 | 1.04 | 3.173 | 3.3 | | 0 | 0 | 0 | 0 | 0 |
| | 15 | 20 | 3.827 | 76.54 | | 1.895 | 0.959 | 0.935 | 17.42 | 0.256 |
| | 20 | 8901.69 | 2.7 | 24034.39 | | 0 | 0 | 0 | 0 | 0 |
| | 30 | 7580.76 | 2.7 | 20467.98 | | 0 | 0 | 0 | 0 | 0 |
| | 56 | 737.42 | 2.849 | 2100.9 | | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL SULPHIDE BEARING WASTE | | 18357 | 2.739 | 50279.04 | | 0.137 | 0.051 | 0.087 | 1.13 | 0.041 |
| INERT ROCK | 77 | 7915.59 | 2.7 | 21371.99 | | 0 | 0 | 0 | 0 | 0 |
| | 40 | 24737.95 | 2.7 | 66793.63 | | 0 | 0 | 0 | 0 | 0 |
| | 48 | 946.47 | 2.7 | 2555.47 | | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL INERT ROCK | | 33600.01 | 2.700 | 90721.09 | | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 |
| SUBTOTAL TILL | 82 | 5394.12 | 2.2 | 11866.91 | | 0 | 0 | 0 | 0 | 0 |
| TOTAL | | 64704 | 2.74 | 177309 | | | | | | |

# CURRAGH RESOURCES INC. – NUMERIC ANVIL LITHOSTRATIGRAPHIC CODE

| ROCK CODES | (OLD CODES INCLUDED FOR COMPARISON) | |
|---|---|---|
| **DISSEMINATED QUARTZITES** | | |
| 2 | 4A | Ribbon banded carbonaceous quartzite |
| 3 | 4C/4D | Pyritic quartzite (<30% pyrite) |
| **SEMI MASSIVE SULPHIDE (Generally low grade)** | | |
| 4 | 4EC/4E1/4C3 | Siliceous pyritic sulphides (30–60% pyrite) |
| **MASSIVE SULPHIDES** | | |
| 5 | 4E/4F | Massive pyritic sulphides (60–100% pyrite) |
| 6 | 4K | Massive pyritic sulphide with clasts of dolomite/ankerite |
| 7 | 4G | Baritic pyrite sulphides (>10% barite) |
| 8 | 4H | Pyrrhotitic sulphides |
| 9 | 4J | Nonpyritic sulphides & oxides – pyrite poor |
| **METASEDIMENTS** | | |
| 20 | 3G | Noncalcareous, muscovite–chlorite, medium grey phyllite |
| 22 | 1C/1CD/1D | Noncalcareous, bio–musc–qtz staurolite+andalusite+garnet+fibrolite schist |
| 30 | 5A/5G/3E/1E | Carbonaceous phyllite/schist |
| 32 | 5E/3F/1G | Marble + calc–silicate bands |
| 33 | 1B | Skarn and "silicated" marble |
| 36 | 3D | Calc–silicate |
| 40 | 5B | Calcareous, silvery grey, muscovite chlorite phyllite |
| 44 | 5C/3C/1F | Metabasite, poorly foliated greenstone (relict igneous texture) |
| 45 | 5C/3C/1F | Pyroxinite – commonly serpentinized (relict bastites) |
| 46 | 5C/3C/1F | Amphibolite – blue–green hornblende + plagioclase + quartz |
| 47 | 5D/3B/1H | Chloritic phyllite/schist – pale green, homogenous |
| **ALTERED ROCKS** | | |
| 52 | 4L0 | Muscovite>chlorite quartz phyllite/schist – light cream to white |
| 54 | 4L6 | Chlorite>muscovite quartz phyllite/schist – pale green |
| **CRETACEOUS INTRUSIVES** | | |
| 60 | 10Q | Quartz vein – white bull quartz |
| 61 | 10AB | Anvil Batholith – Mt Mye phase of Anvil plutonic suite. Musc–bio granite |
| 65 | 10C | Pegmatite |
| 66 | – | Aplite |
| 68 | 10E | Hornblende–biotite quartz diorite – massive and unfoliated |
| 69 | 10F | Smokey quartz–feldspar porphyry – massive and unfoliated |
| **FAULT ROCK (use only if parent not recognized)** | | |
| 72 | | Gouge |
| 74 | | Tectonic breccia |
| 76 | | Mylonite |
| **OVERBURDEN** | | |
| 82 | | Unclassified – general |
| 84 | | Triconed – no recovery |
| 86 | | Till – silt – sand |
| 88 | | Ferricrete |
| 99 | | Air |
| **OTHER** | | |
| 0 | | No Recovery |
| & | | +/– |

| GRADE MODIFIERS | |
|---|---|
| N | no visible grade |
| W | 1–3% Pb+Zn |
| L | 3–5% Pb+Zn |
| H | 5–10% Pb+Zn |
| V | >10% Pb+Zn |

**MINERAL IDENTIFIERS**

**Carbonates**
- c calcite
- k ankerite
- v carbonate–non specific
- w dolomite

**Micas**
- b biotite
- j "fuchsite"
- l chlorite
- m muscovite
- s sericite
- t talc

**Felspars – Quartz**
- f feldspar
- q quartz (fine grained)
- y kaolinite (clay minerals)
- p potash feldspar
- Q quartz (vein)

**Calc Silicates**
- a actinolite
- e epidote
- h hornblende
- i diopside

**Alumino–Silicates/Pelites**
- d andalusite
- n garnet
- r fibrolite
- u staurolite
- z chloritoid

**Oxide/Sulphide/Sulphates**
- A Arsenopyrite
- B Barite
- C Chalcopyrite
- G Galena
- L Limonite (iron oxides)
- M Magnetite
- P Pyrite
- R Pyrrhotite
- Z Sphalerite
- F Marcasite

**Other**
- g carbon
- x noncalcareous

**ROCK TEXTURES**

- + equigranular
- ! foliated
- = laminated/ribbon banded
- > coarse–grained
- ^ medium grained
- < fine grained
- \ clotted
- : porphyroblastic
- % porphyritic
- ' interstitial
- @ porous
- * weathered
- ~ fault gouge
- X fault breccia (tectonic)
- ? mylonite
- # altered
- $ "stringered"
- o spotted