

LEGEND

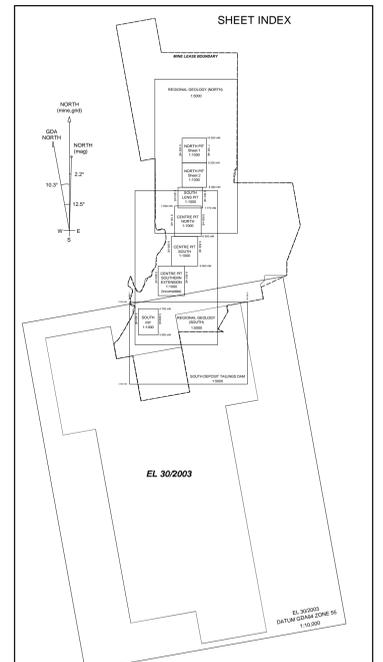
ROCK UNITS

- Disturbed: Waste dumps, ore stockpiles.
- Tertiary:
 - MBO(T): Basalt
 - SAM, SAQ: Weakly indurated, carbonaceous mudstone (SAM); gravel with many quartzite boulders (SAQ)
- Devonian:
 - ASQ: Alteration (post-schistosity) consisting of sericite + quartz + pyrite.
- Neoproterozoic:
 - SRW: **Alberg Group**: Mainly foliated metagabbro of very low metamorphic grade with metasediments, granitic and pyritic gabbro and dioritic metagabbro (SRW); magnetite-bearing metagabbro (MBO) present.
 - SWW: **Fulfords Creek Muscovite Schist**: Muscovite-illite-quartz schist + graphite, with minor metagabbro. Sedimentary origin.
 - MKC, ORL: **Mega Ramp Schists**: Chlorite-illite schist + pyrite + poephynoblastic albite (MKC); chlorite-muscovite-illite schist + poephynoblastic albite (ORL). Minor intervals of muscovite schist and quartz schist indicate sedimentary origin.
 - ORM, ORL, MXC, OXR: **Box Cut Carbonate Assemblage**: Boudinaged, blocky, massive magnetite (ORM) with interbedded chlorite schist (ORL); blocky massive dolomite (ORL); thin bedded dolomite-chlorite-muscovite schist (OXR) with lenses of muscovite schist; interbedded quartz schist and granitic schist that indicate a sedimentary origin.
 - OXCa, OXCo, OXCa, OXCo, OXCa, OXCo: **Western Wall Banded Schists**: Folgy schists with 1200m metamorphic layering of felsic and mafic minerals parallel to foliation. Many chlorite-illite-dolomite-muscovite-quartz schist + actinolite + hornblende + blue amphibole + pyrite + magnetite + talc + quartz. Abundant chlorite suggests alteration while massive, mafic boulders and rhyolite probably represent protolith. Interbedded felsic bands may be present. A subordinate level of granitoid (GR) occurs at South Deposit. Minor schists and massive magnetite are present at Centre Pit (ZCO, ZOC). At Long Plains South there is an iron formation to more meso- to epithermal schists (SWW) that contain scattered layers of quartz rich schist (SXQmu).
 - MDB, MCB, MCB, MCB, MCB: **Main Hill Assemblage**: Boudinaged, blocky, massive, mafic rocks including fine grained, enstatite and iron-titanite (MDB); metabasite (MCB) and minor metagabbro (MCB). All comprise of actinolite-chlorite-illite-epidote-sphene + pyrite + actinolite + hornblende. Massive rocks are gradational to blocky rocks with strong mineral alignment (MKB) and to chlorite schist with anomalous foliation (MCK). Dolomite and talc type veins with locally minor talc schist and sericite are locally present. Boudins and layers of magnetite and dolomite occur in the eastern host assemblage at South Deposit. Intervals of magnetite ore (ZCO) present at Long Plains South.
 - LXT: **Talc Schists**: Carbonate schist + carbonate + chlorite + sericite + quartz + white mica + magnetite + pyrite, with subordinate sericite and minor massive sericite.
 - ZCO: **Magnetite Ore**: Grade ranging 15-100% DTR and unspecified mineralogy (ZCO) though mostly sericite and/or pyrite.
 - ORM, ORL, MCB, MCB: **Carbonate-Mafic Assemblage**: Boudinaged, blocky, massive magnetite (ORM) and dolomite (ORL). Chlorite-schist-illite schist + blue amphibole (MKB) is fine grained with strong mineral alignment at North Pit through the principal parting surface elsewhere. Carbonate may be disseminated or form veins. Also, dolomite to clinopyroxene, relatively thin intervals of banded carbonate occur as indicated. Boudins of MCB occur widely and anomalous layers of blocky granitoid (after muscovite) are common in MKR at South Deposit. Boudins and layers of magnetite and dolomite are common in the eastern host assemblage at South Deposit.
 - MXCa, OXCo: **Armstrong Creek Mafic Schists**: Mafic schist + quartz schist + graphite with metamorphic banding parallel to foliation (MXCa); schistose muscovite schist (OXCo).
 - OXW, OXW, OXW: **Conah Formation**: Muscovite-illite-quartz schist + graphite with metamorphic banding parallel to foliation (OXW); schistose muscovite schist (OXW).

SYMBOLS

See 1:1000 maps for key to letter symbols

- Geological boundary: approximate, inferred
- Topographic boundary: approximate, inferred
- Shear zone or fault: inferred
- Foliation with direction and value of dip; vertical; clockwise feature and metamorphic banding
- Joint with direction and value of dip; vertical
- Fold hinge direction of plunge and value
- Antiform; synform; each with direction of plunge and value
- Topographic boundary: approximate, inferred
- Linear aeromagnetic anomaly; Mineral Resources Tasmania data
- Mine Lease Boundary
- EL Boundary
- Pit Crest
- Pit Toe
- Topographic Contour



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