











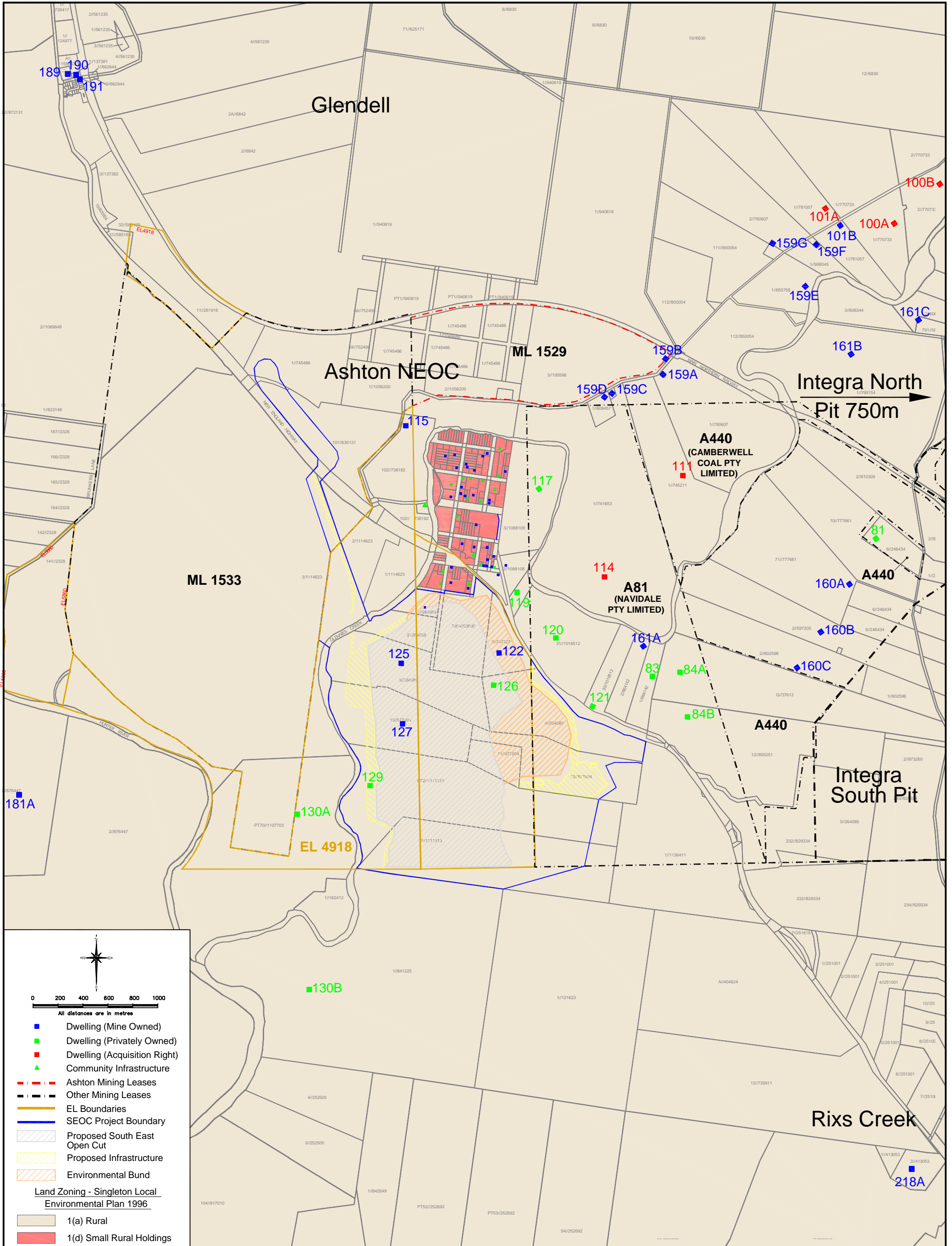


-  SEOC Project Boundary
-  Proposed Conveyor
-  Proposed South East Open Cut
-  Proposed Infrastructure
-  Environmental Bund
-  Meteorological Station
-  Noise - Attended
-  Noise - Real Time
-  Site Location
-  Dust Deposition Gauge
-  HVAS - TSP
-  TEOM



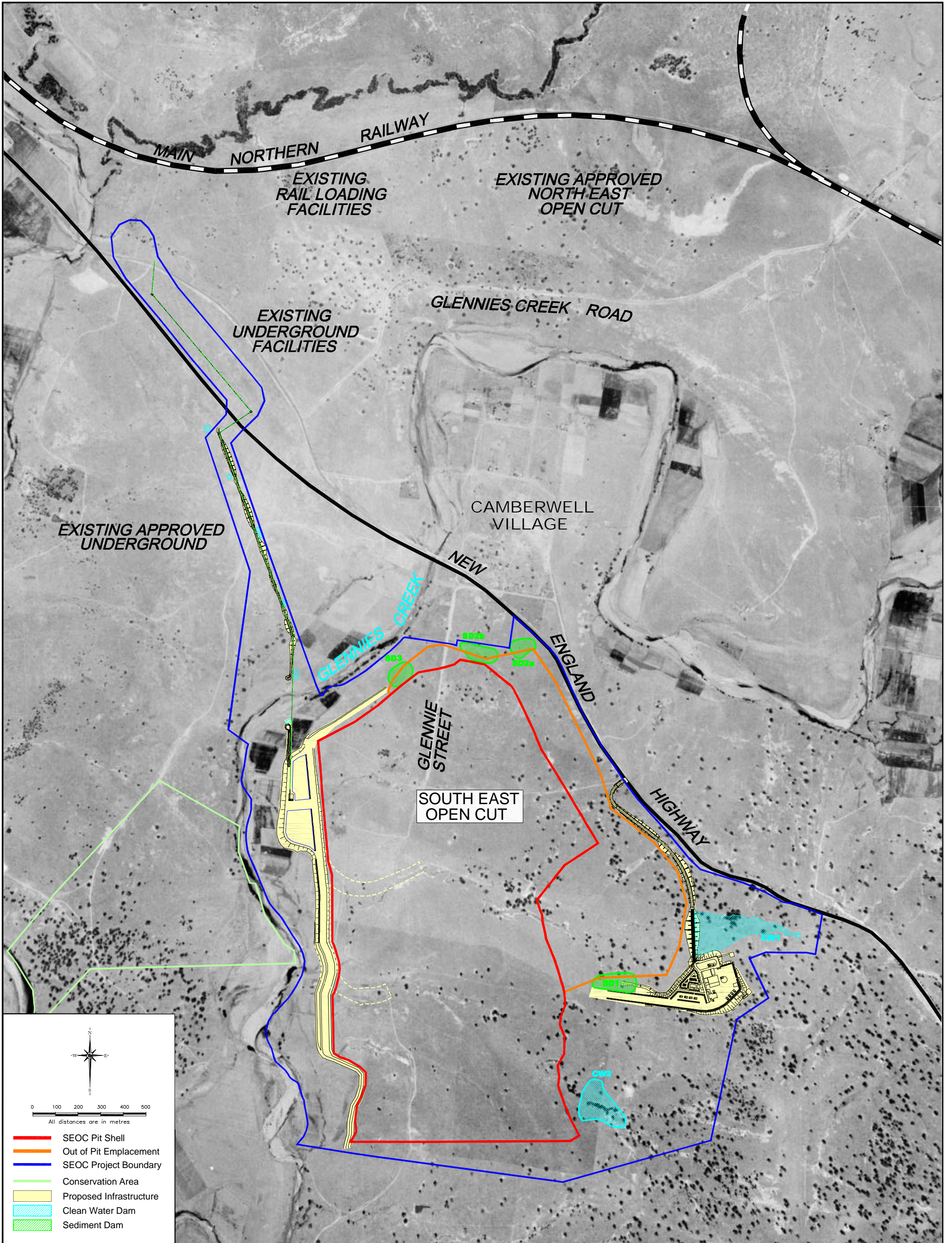
0 200 400 600 800 1000
All distances are in metres

- Dwelling (Mine Owned)
- Dwelling (Privately Owned)
- Dwelling (Acquisition Right)
- ▲ Community Infrastructure
- Ashton Mining Leases
- Other Mining Leases
- EL Boundaries
- SEOC Project Boundary
- Proposed South East Open Cut
- Proposed Infrastructure
- Environmental Bund

Land Zoning - Singleton Local Environmental Plan 1996

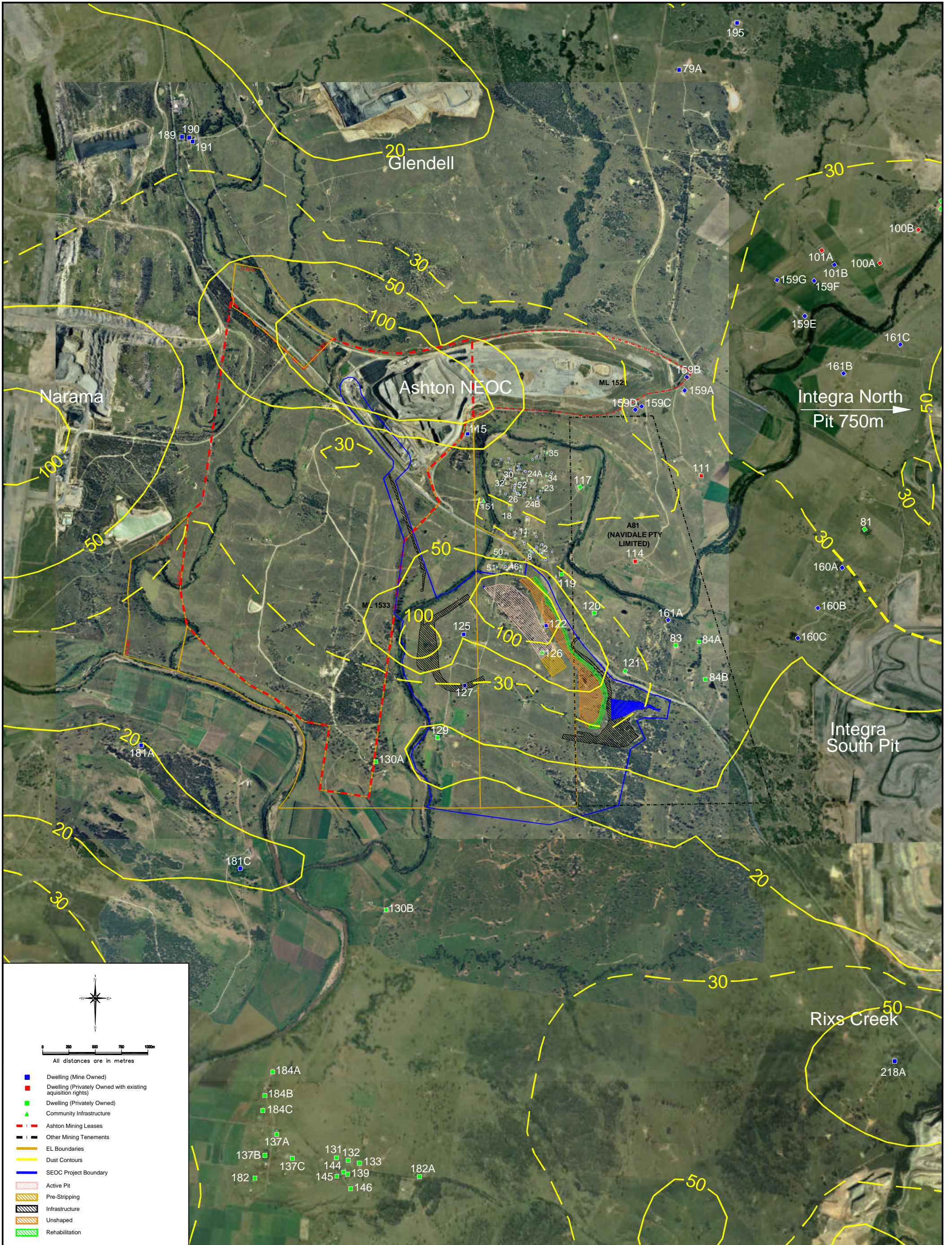
- 1(a) Rural
- 1(d) Small Rural Holdings

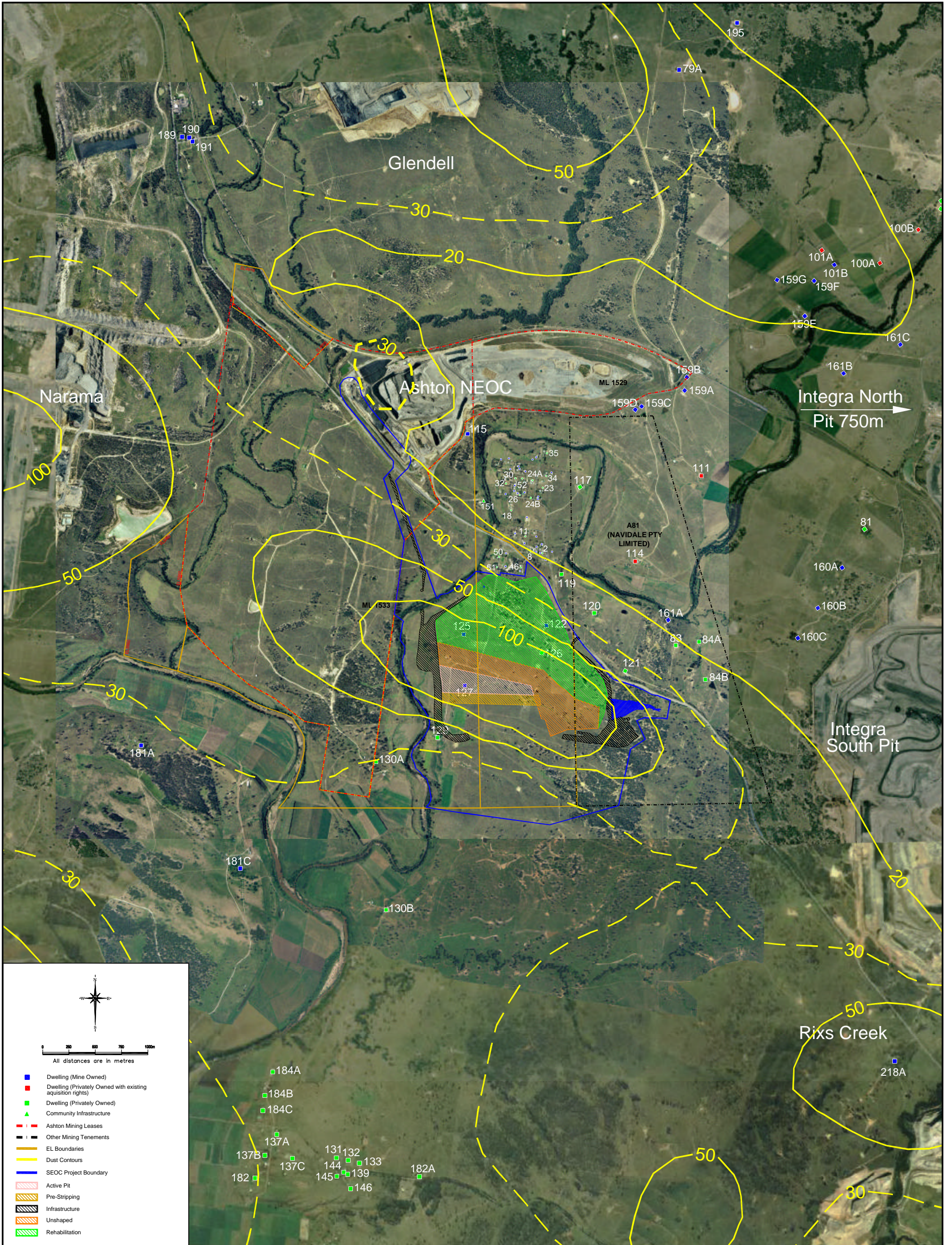
Prepared by Pegasus Technical
CAD FILE: 05431A.dwg

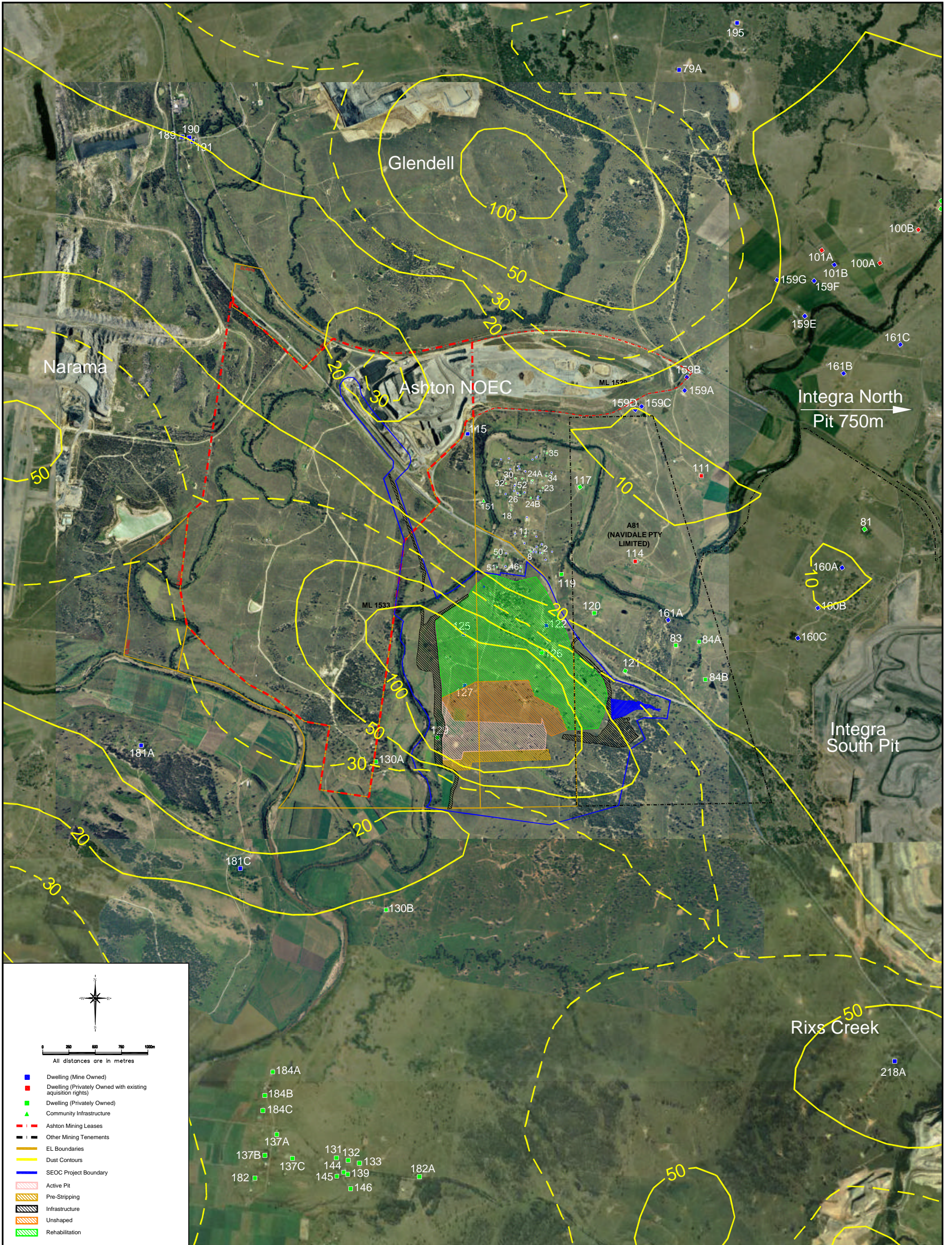


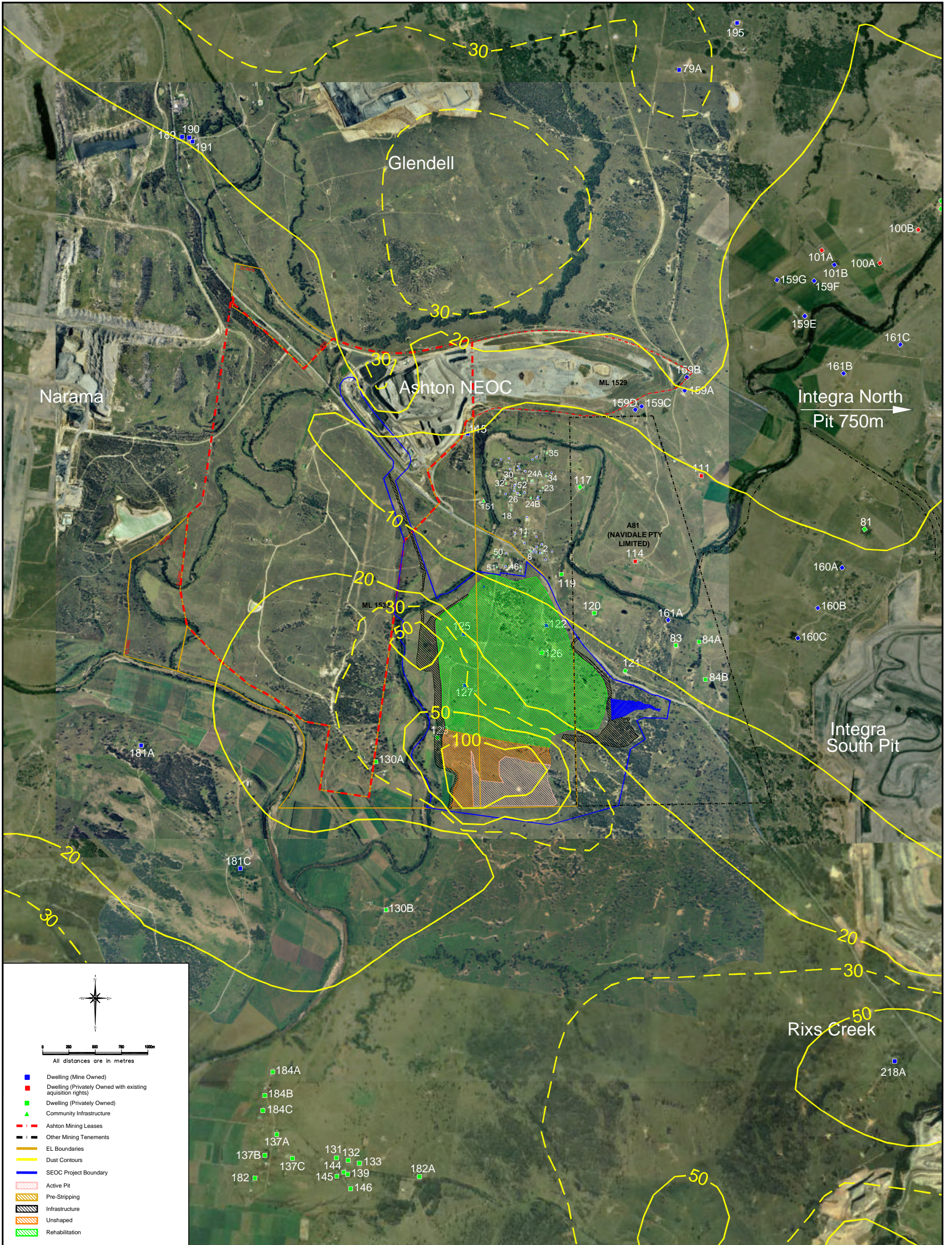
0 100 200 300 400 500
 All distances are in metres

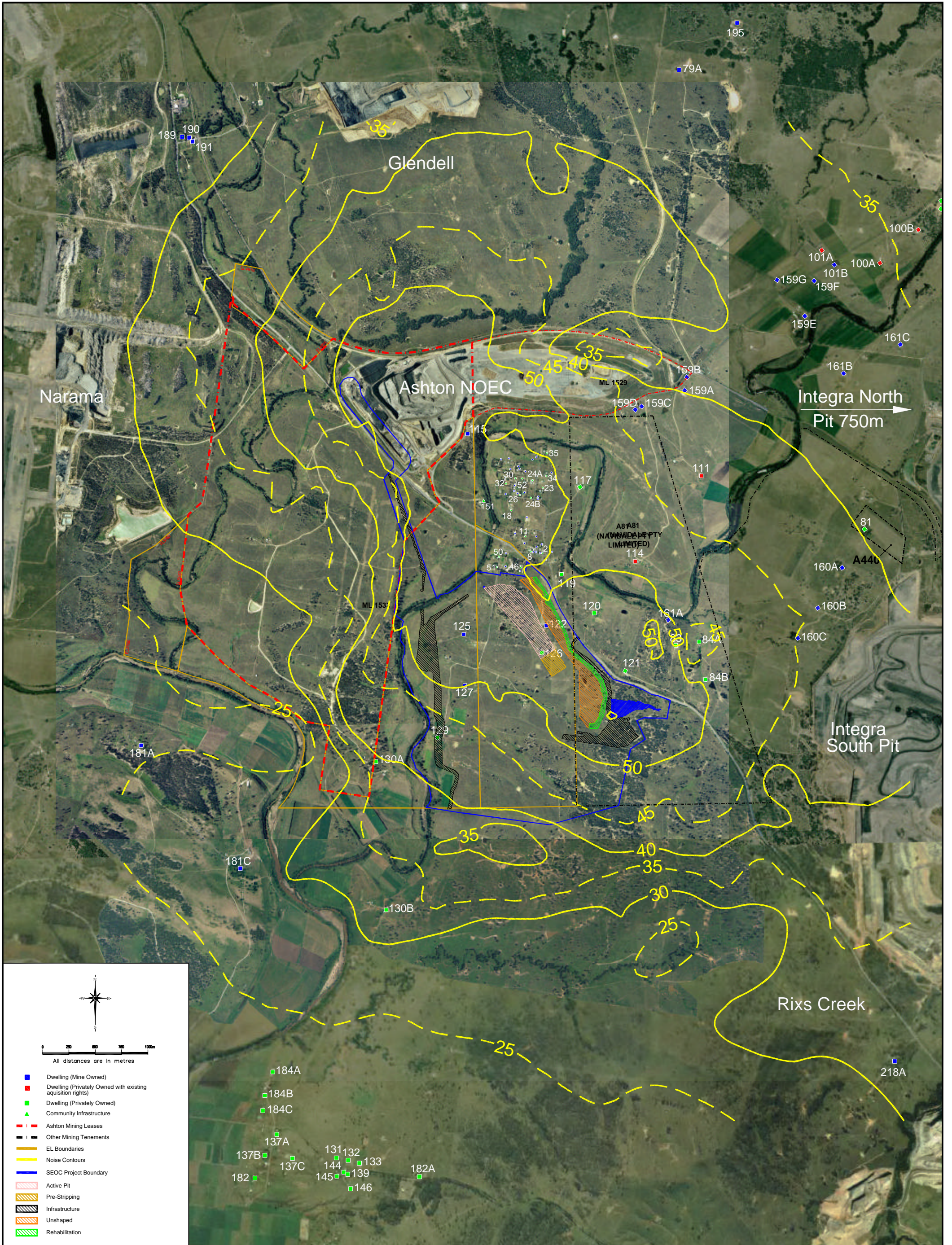
- SEOC Pit Shell
- Out of Pit Emplacement
- SEOC Project Boundary
- Conservation Area
- Proposed Infrastructure
- Clean Water Dam
- Sediment Dam

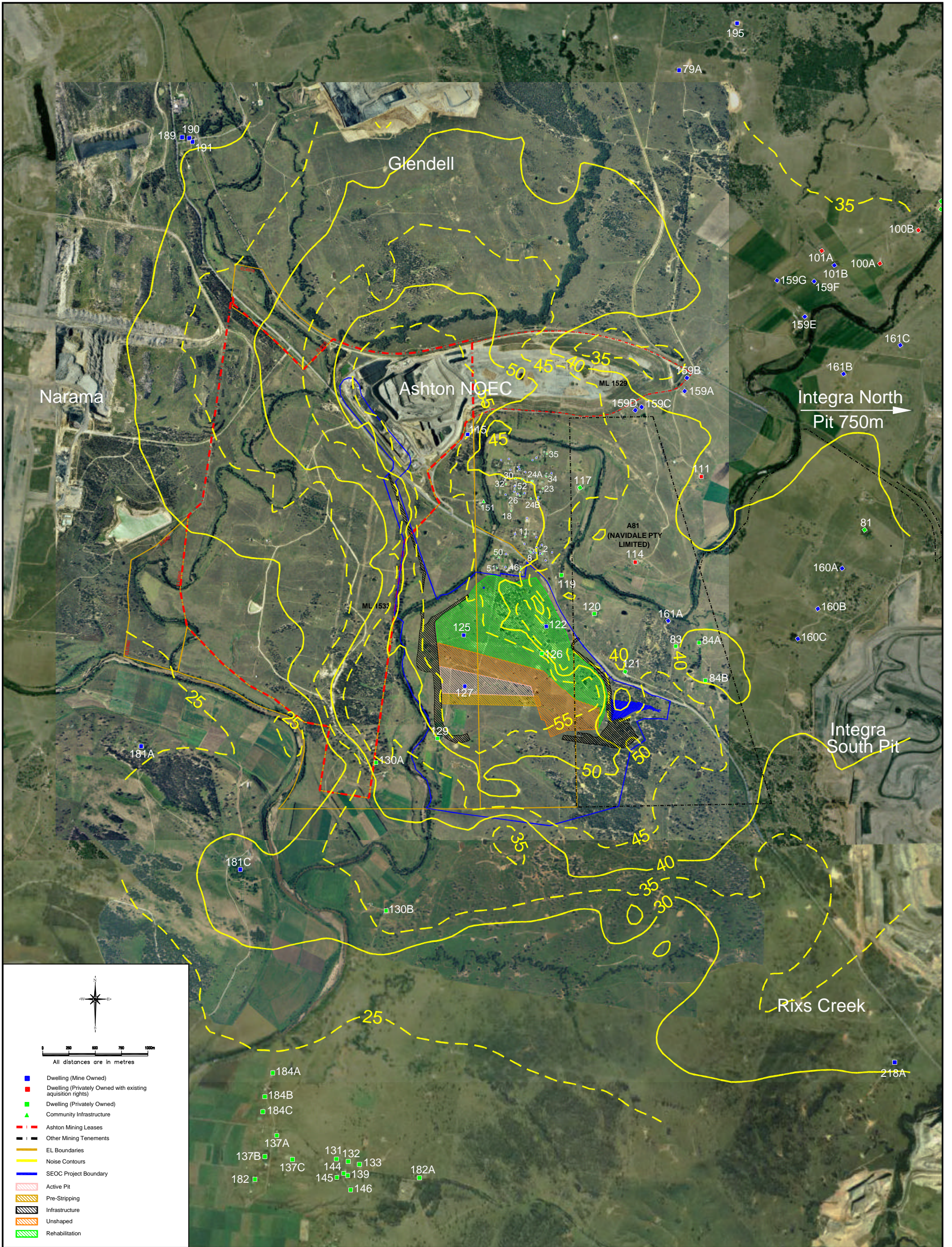








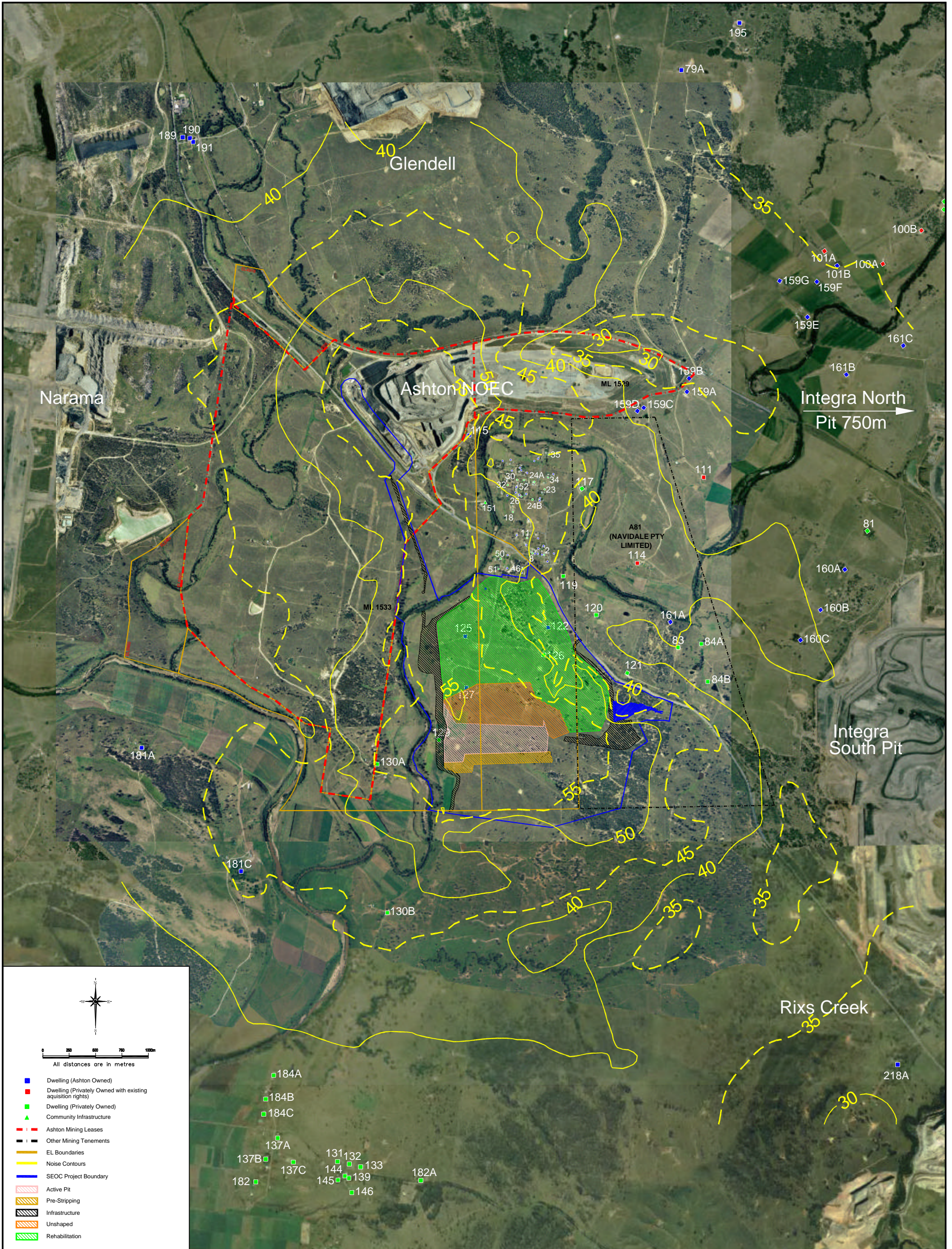


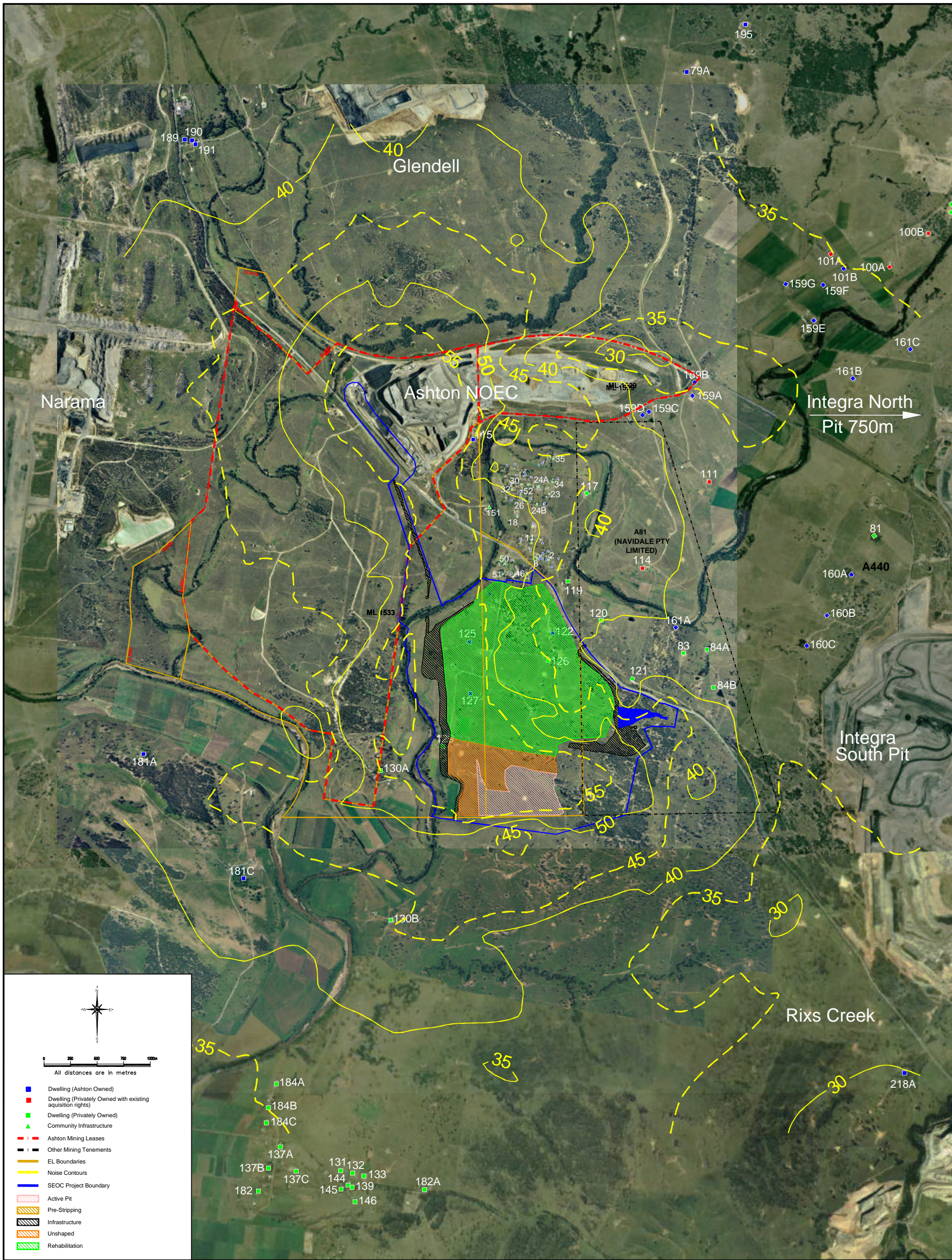


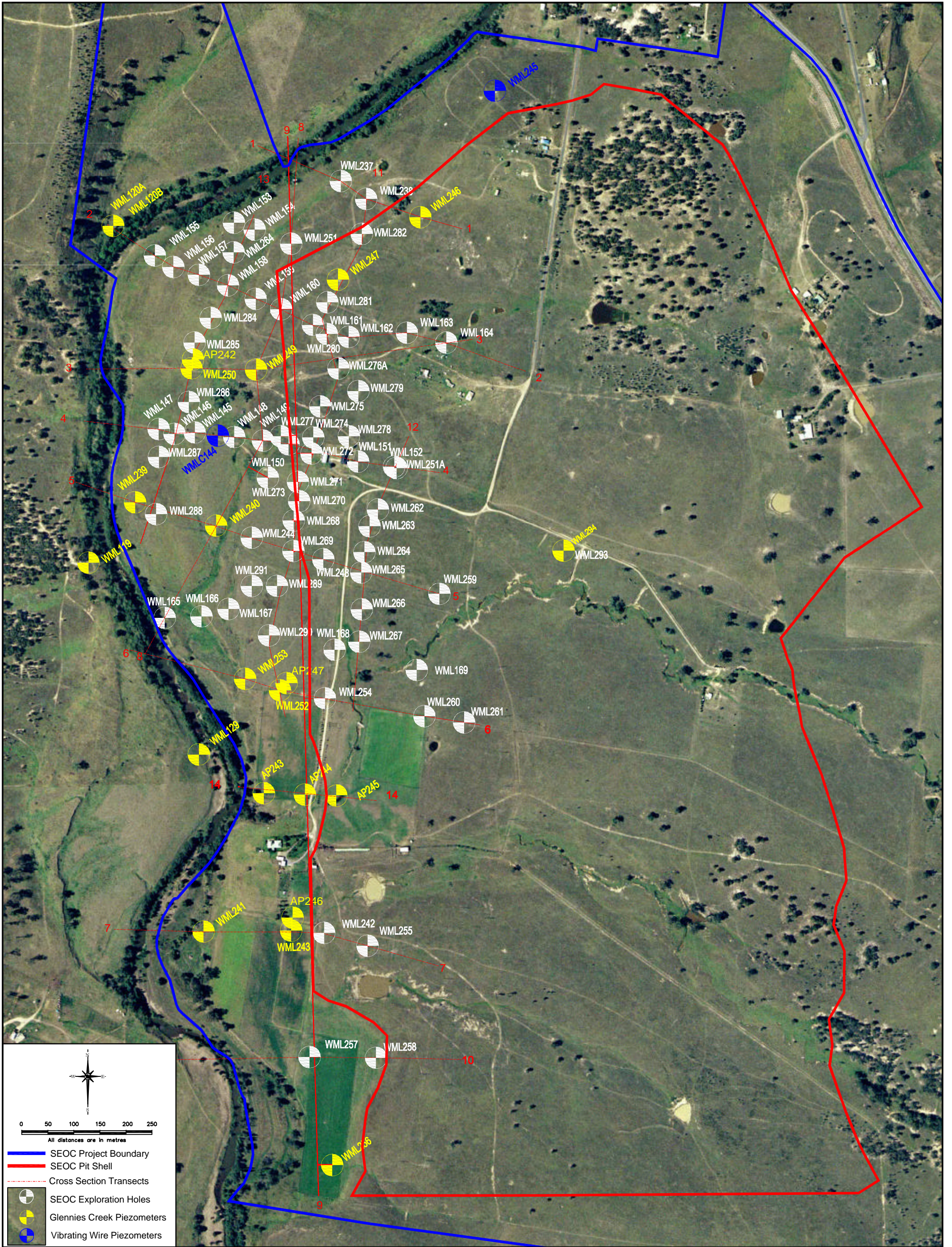




 All distances are in metres

- Dwelling (Mine Owned)
- Dwelling (Privately Owned with existing acquisition rights)
- Dwelling (Privately Owned)
- ▲ Community Infrastructure
- Ashton Mining Leases
- Other Mining Tenements
- EL Boundaries
- Noise Contours
- SEOC Project Boundary
- Active Pit
- Pre-Stripping
- Infrastructure
- Unshaped
- Rehabilitation







0 50 100 150 200 250

 All distances are in metres

 — SEOC Project Boundary

 — SEOC Pit Shell

 - - - Cross Section Transects

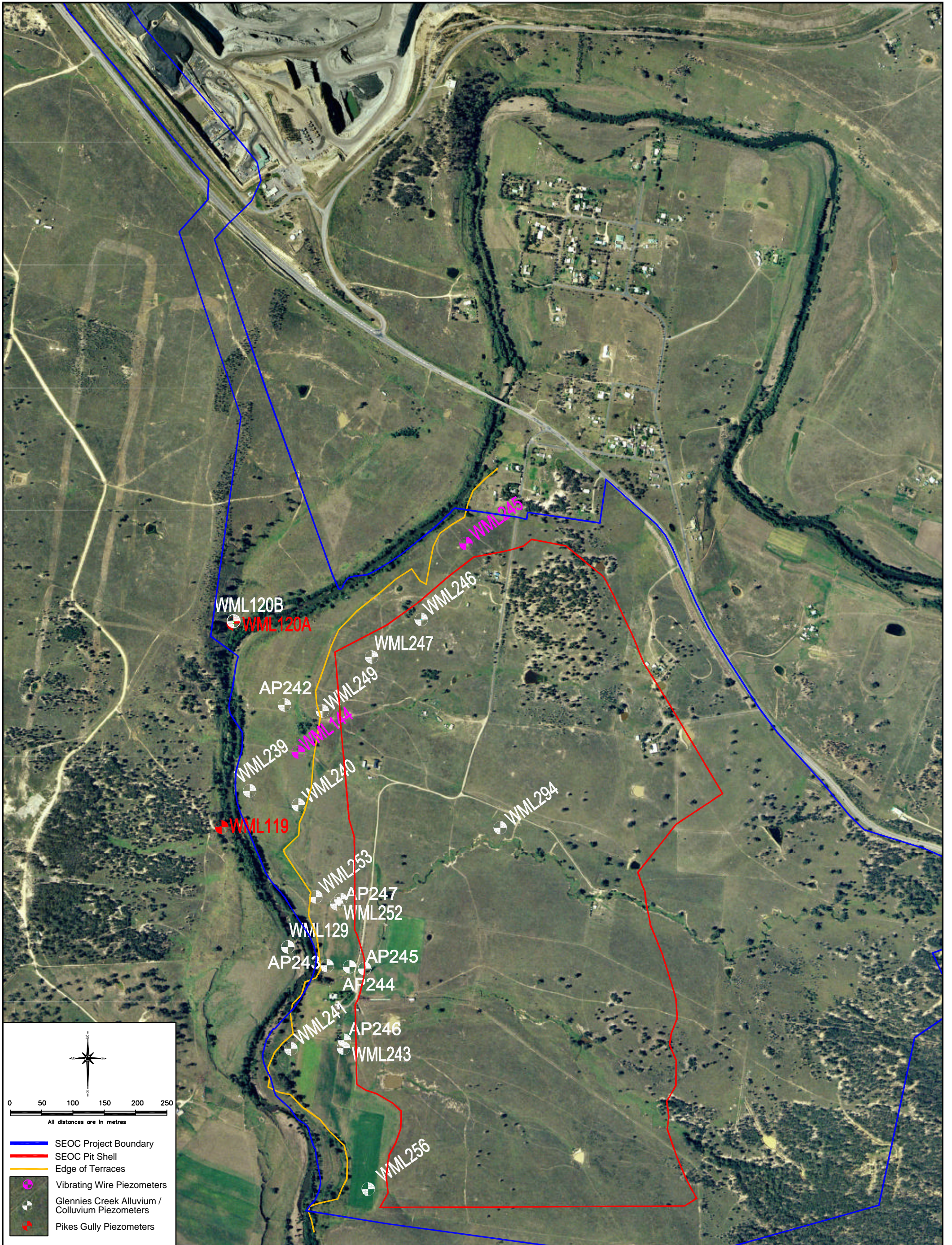
 SEOC Exploration Holes

 Glennies Creek Piezometers

 Vibrating Wire Piezometers

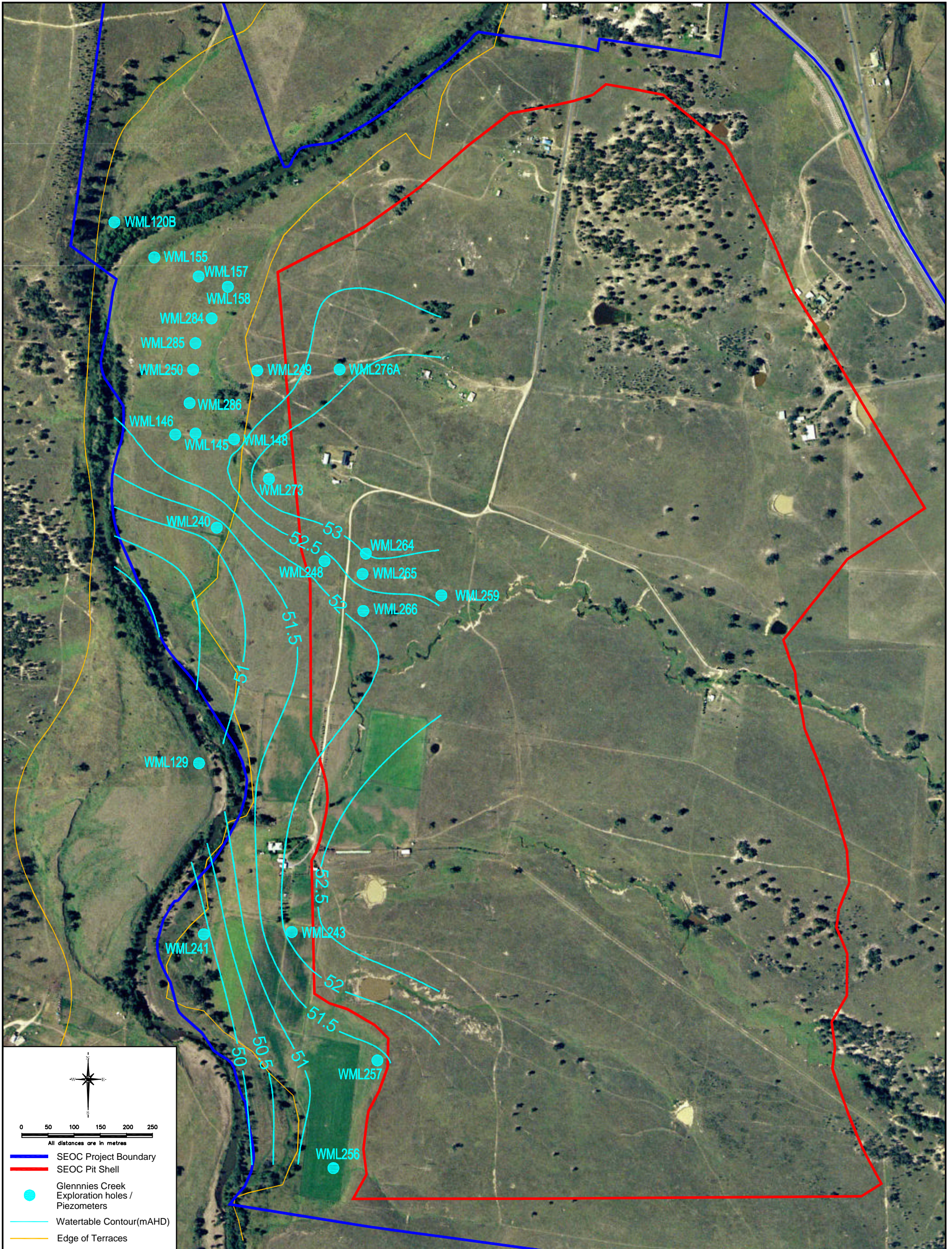
South East Open Cut Project
 Exploration drilling and investigation locations
Aquaterra

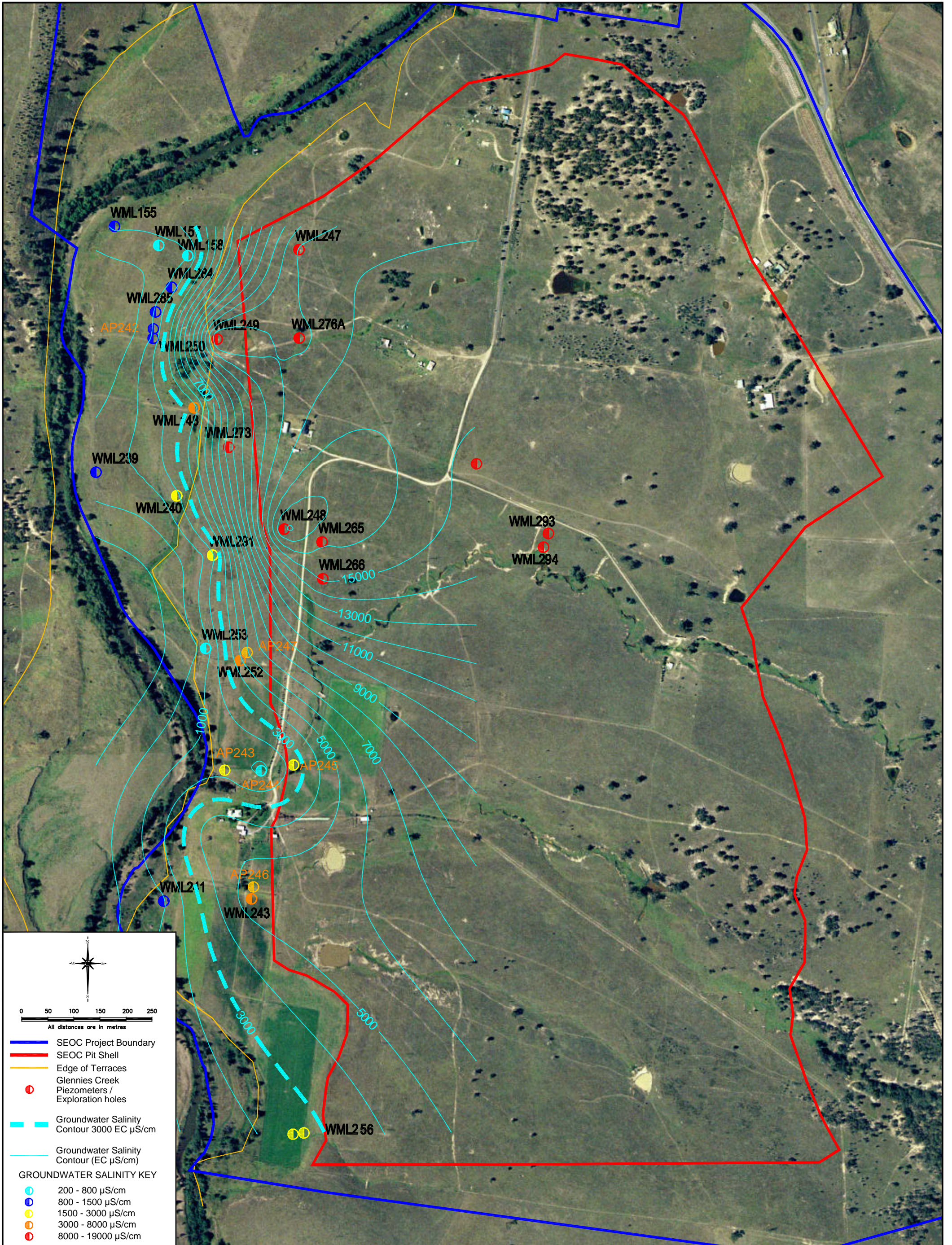
Prepared by Pegasus Technical
 CAD FILE: 05033D.dwg

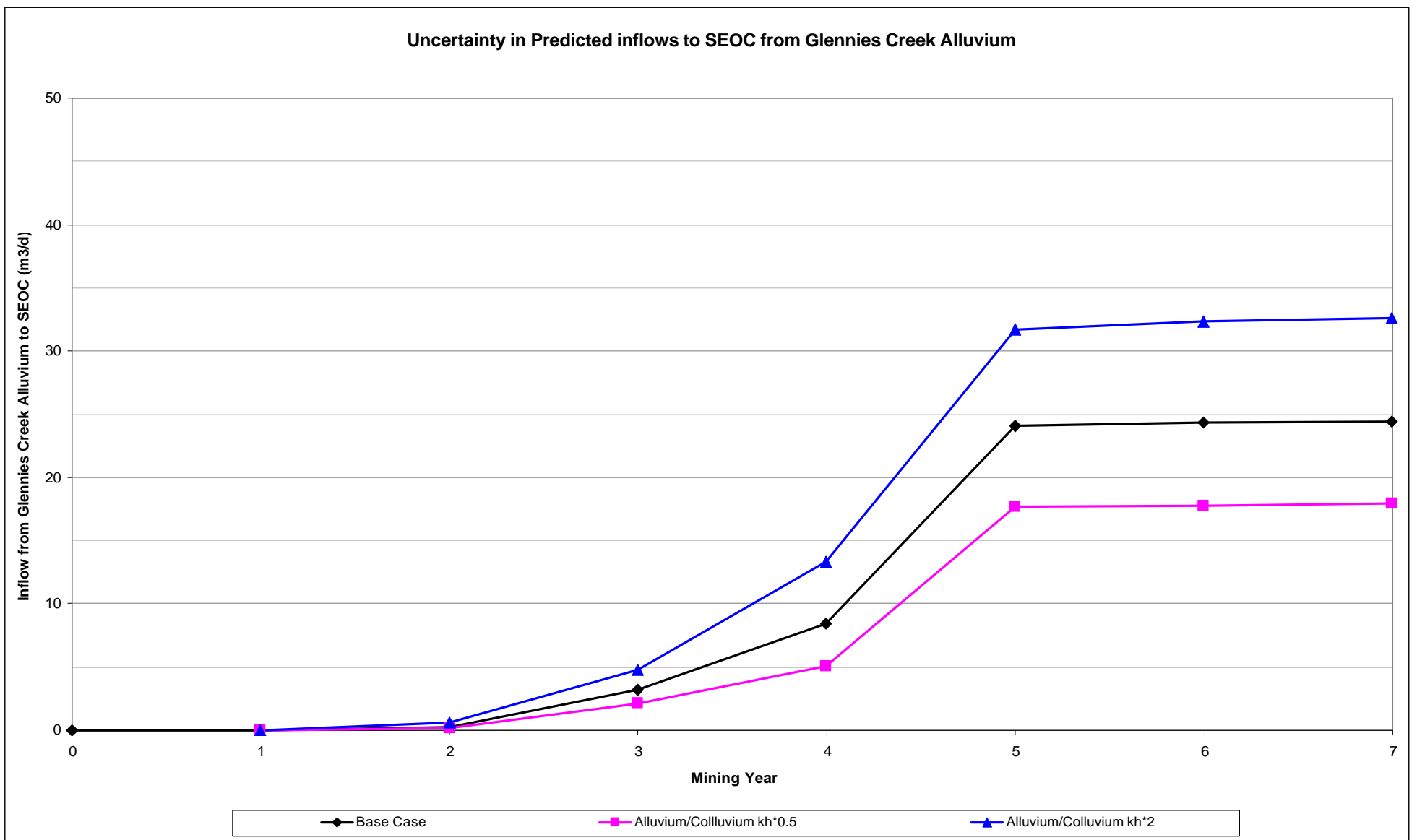
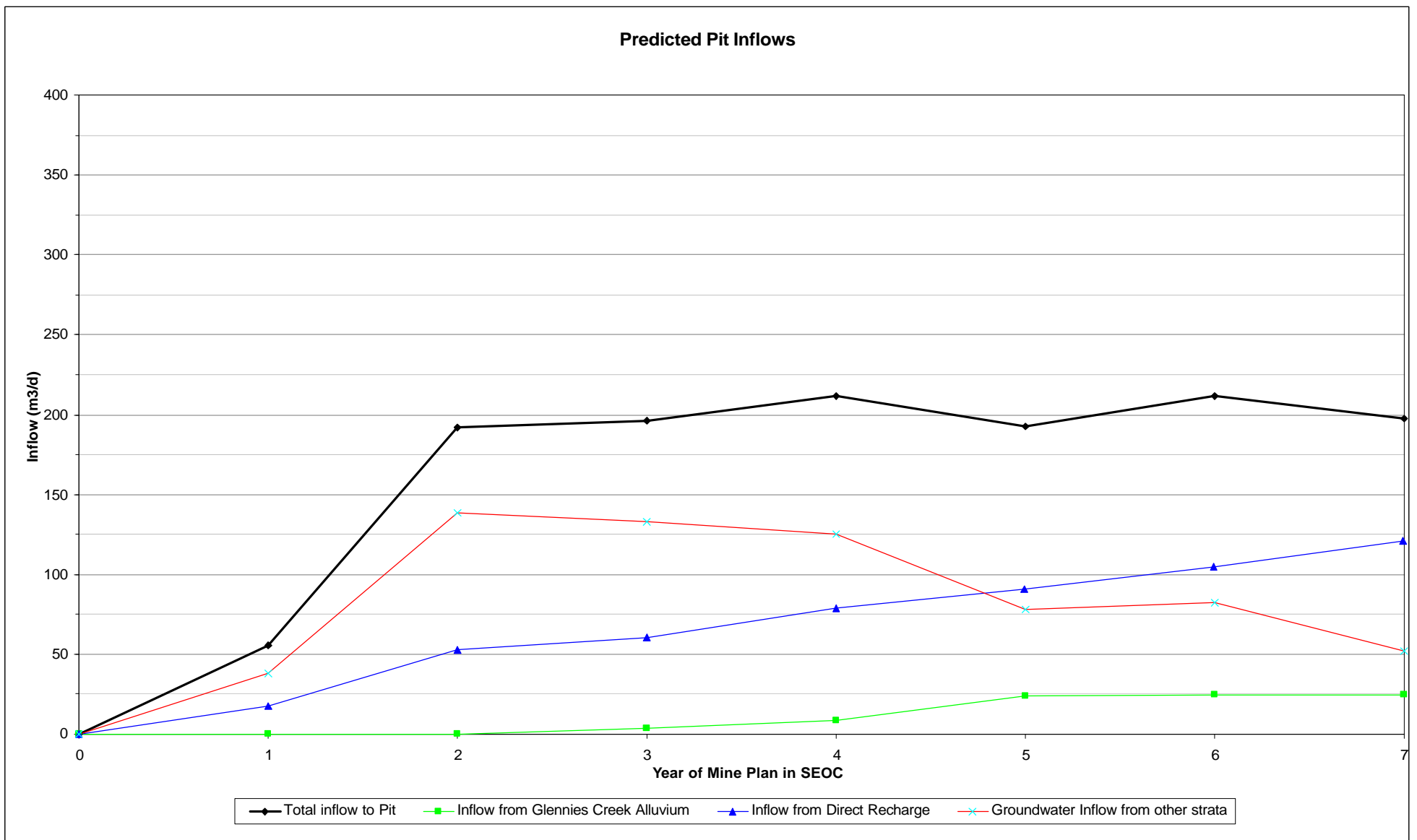


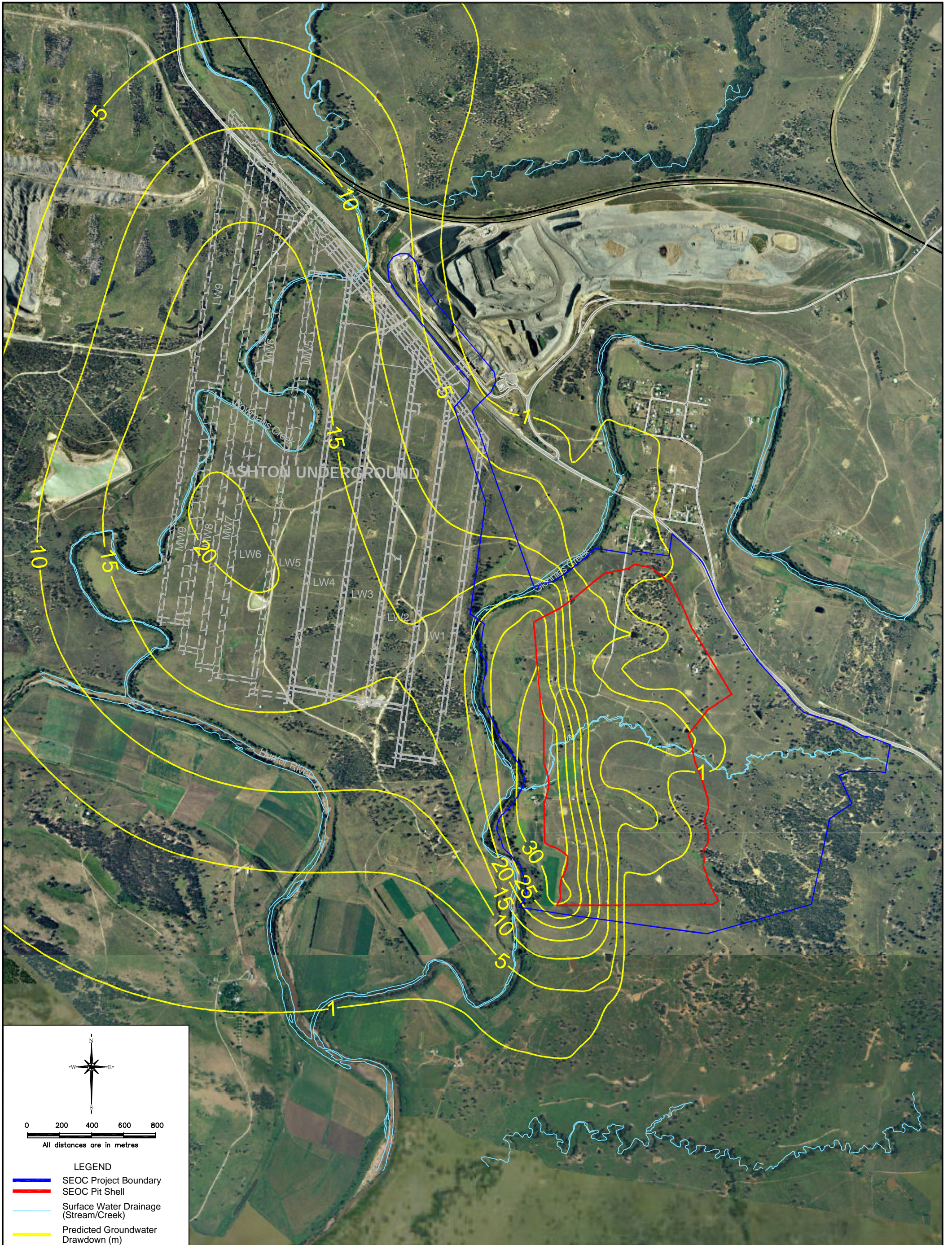
0 50 100 150 200 250
 All distances are in metres

- SEOC Project Boundary
- SEOC Pit Shell
- Edge of Terraces
- Vibrating Wire Piezometers
- Glennies Creek Alluvium / Colluvium Piezometers
- Pikes Gully Piezometers





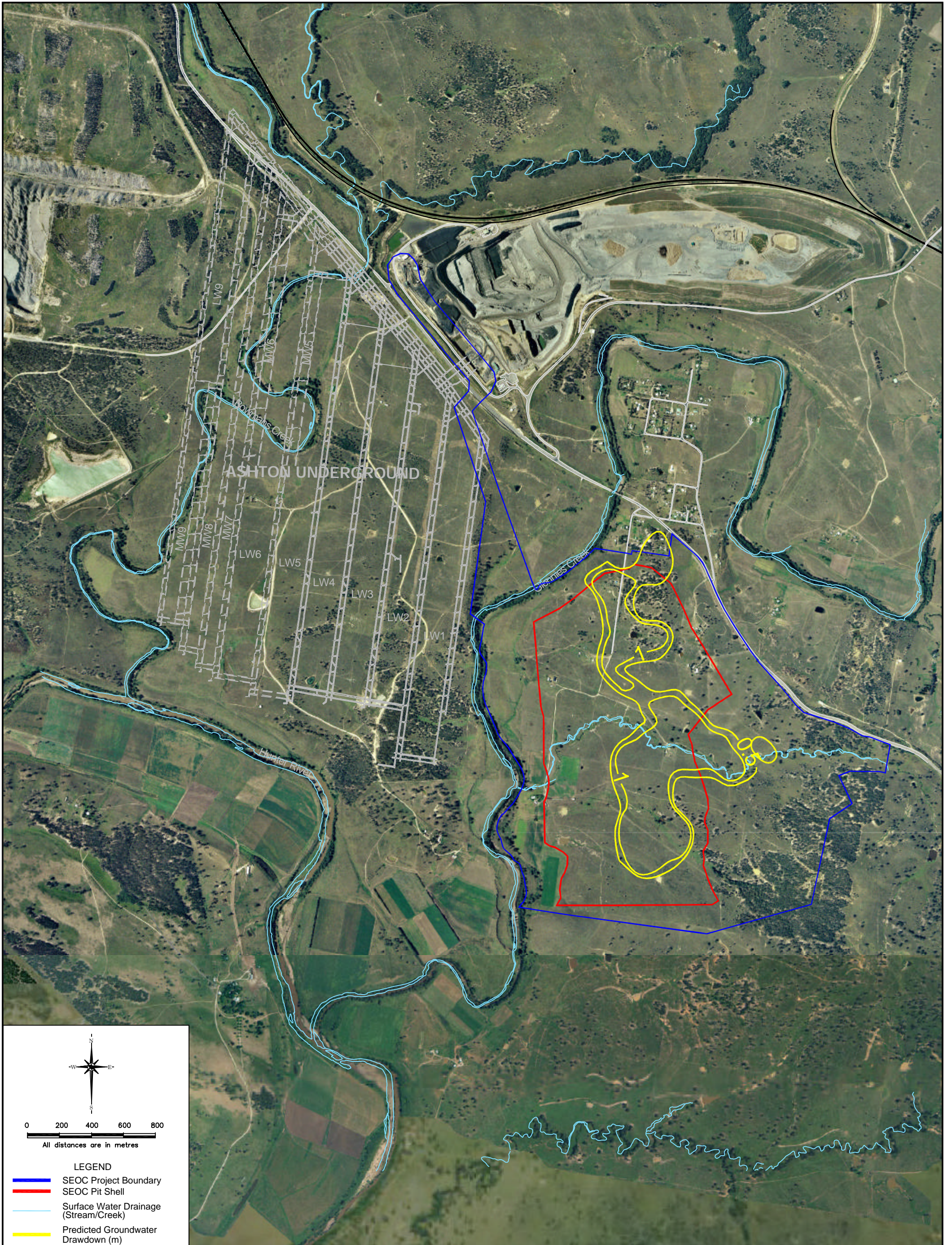




South East Open Cut Project
 Predicted drawdowns in the Upper Lower Liddell Seam
 in Year 7 (including ACP Underground)
Aquaterra

Plan 41

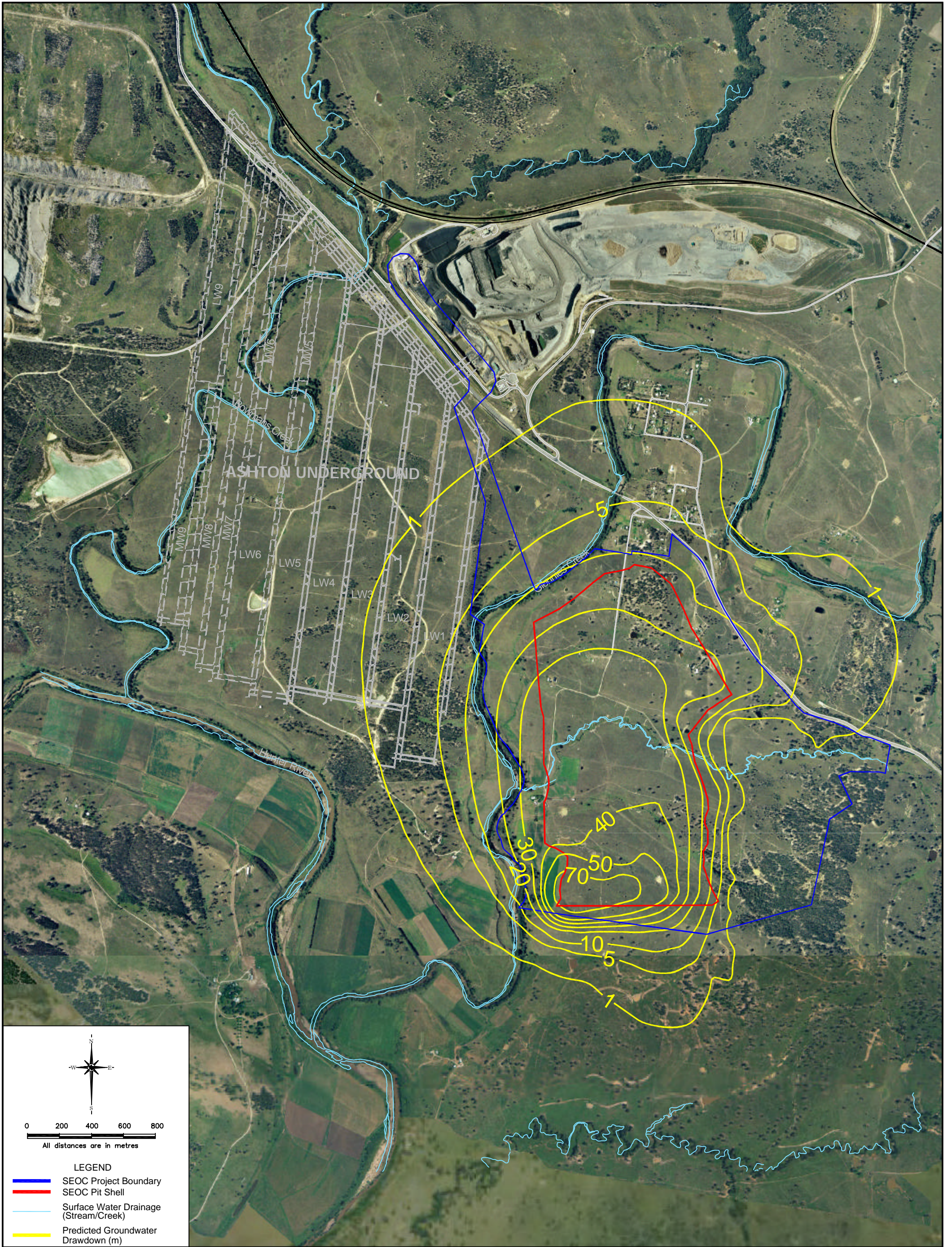


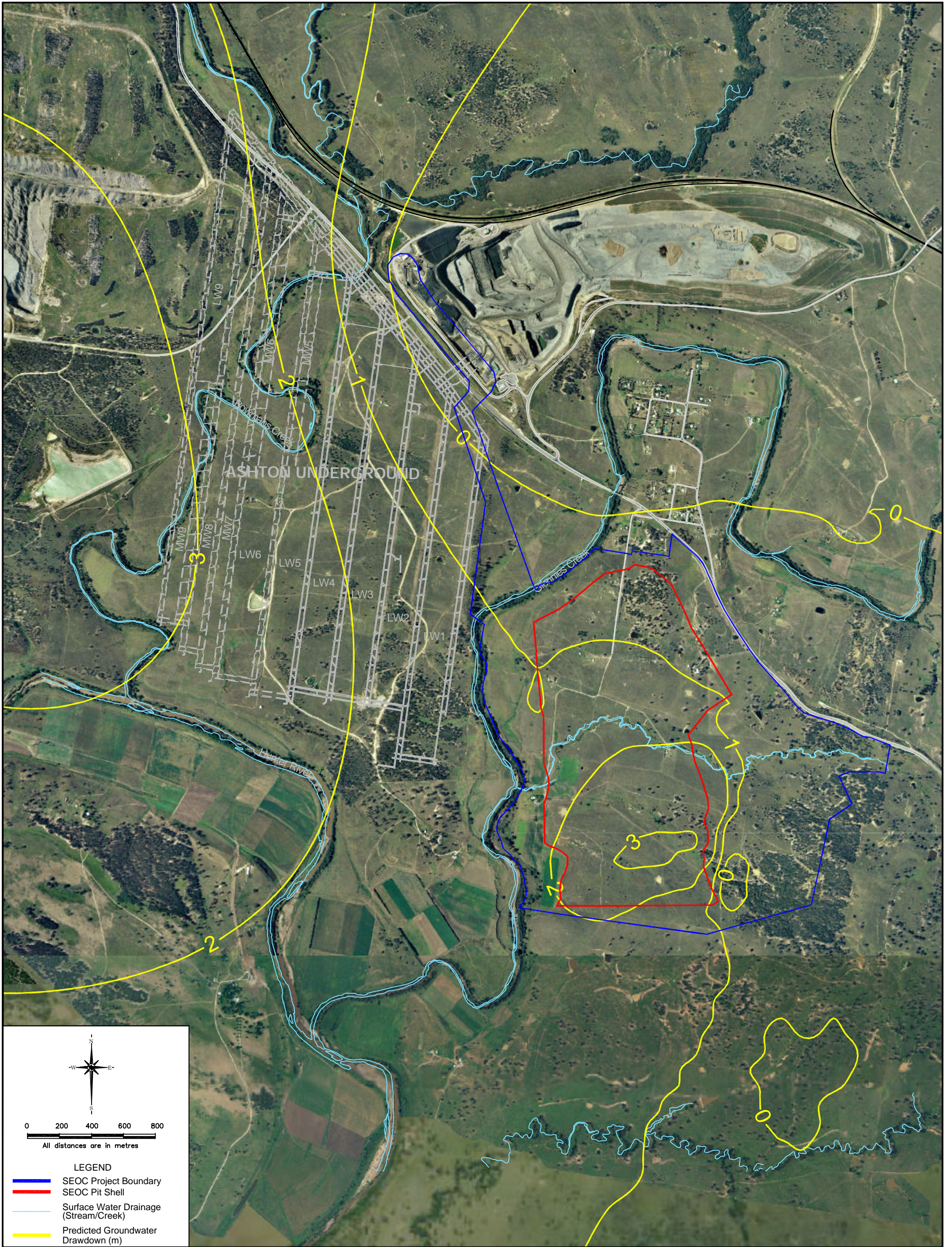


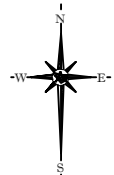




South East Open Cut Project
 Predicted drawdowns in the Upper Lower Liddell seam
 100 years after mining ceases
 Aquaterra

Plan 42

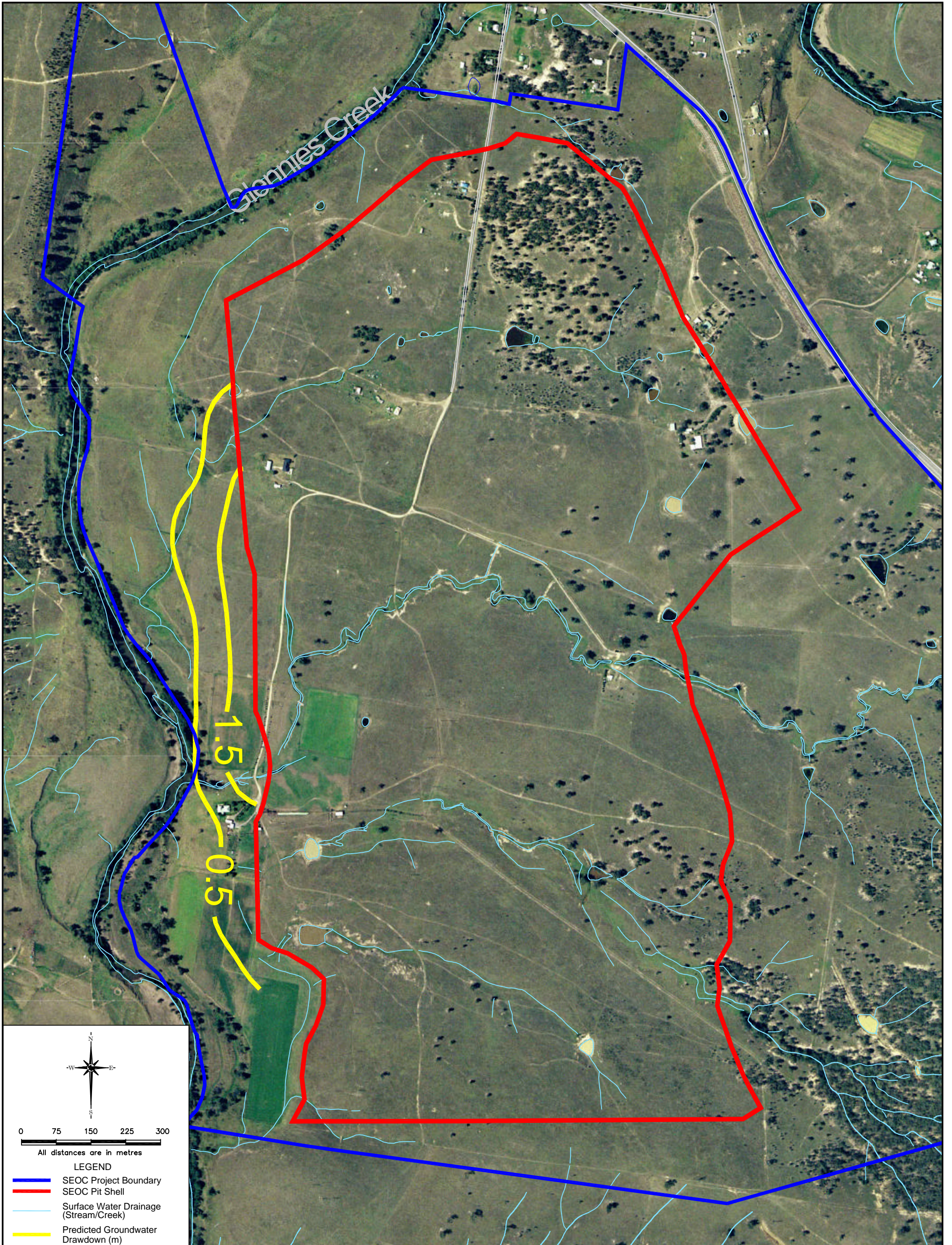




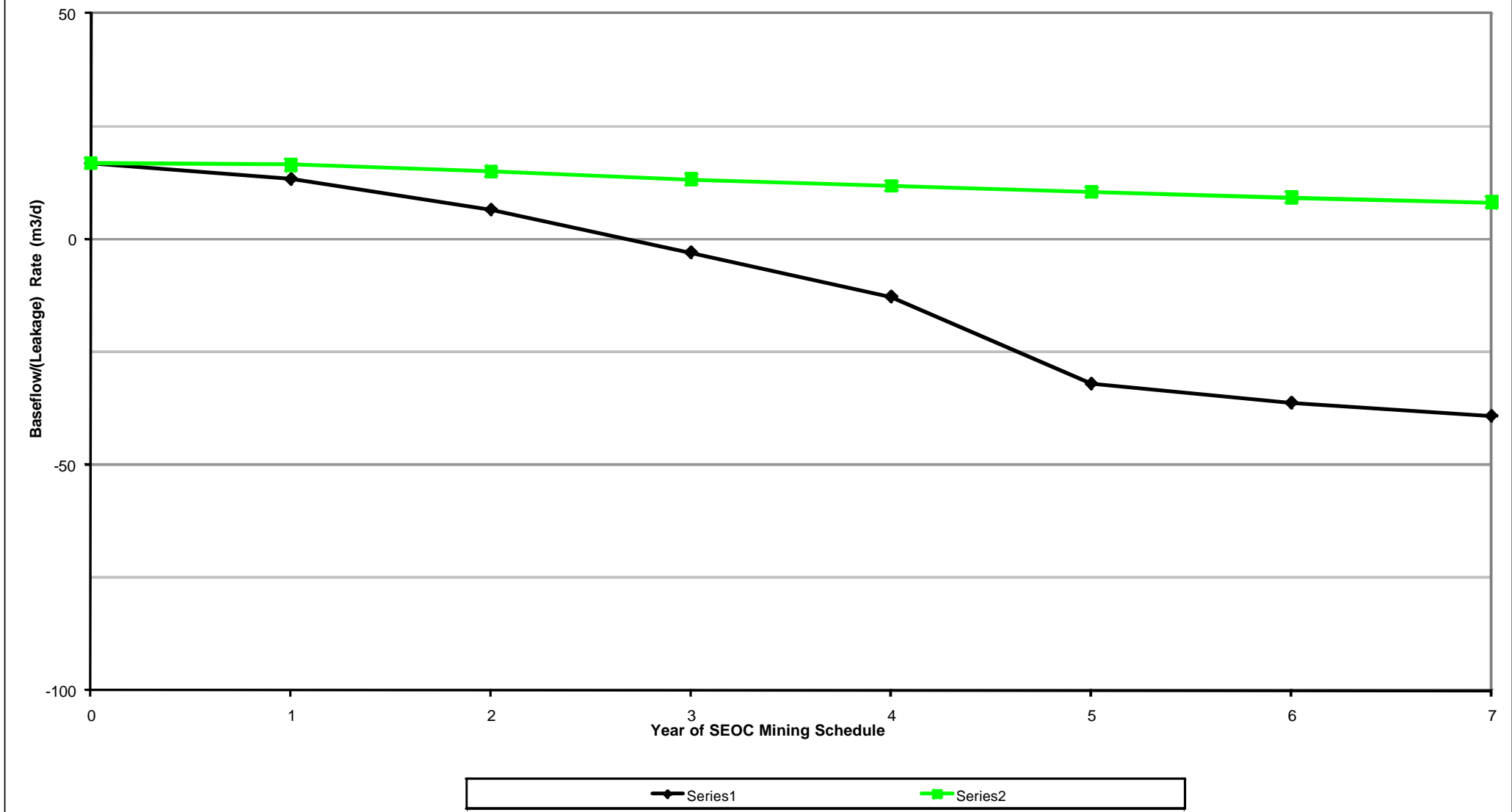



 0 200 400 600 800
 All distances are in metres
LEGEND
 SEOC Project Boundary
 SEOC Pit Shell
 Surface Water Drainage (Stream/Creek)
 Predicted Groundwater Drawdown (m)

Prepared by Pegasus Technical
 CAD FILE: 05041E.dwg



Impact of SEOC on Baseflow to Glennies Creek



Uncertainty in Predicted Baseflow

