



South East Open Cut
Project
&
Modification to the
Existing ACP Consent

Environmental Assessment Report

Volume 2

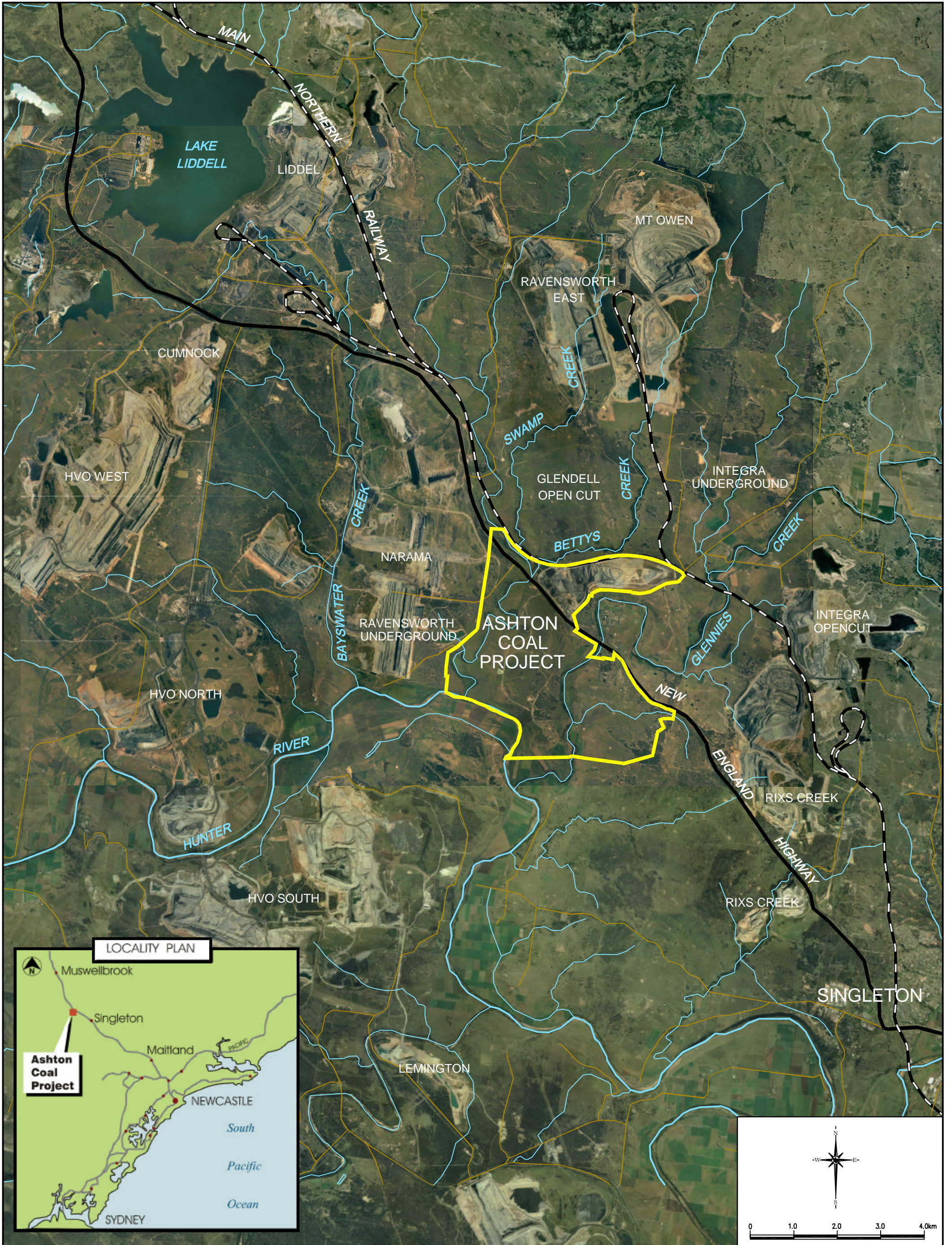
November 2009

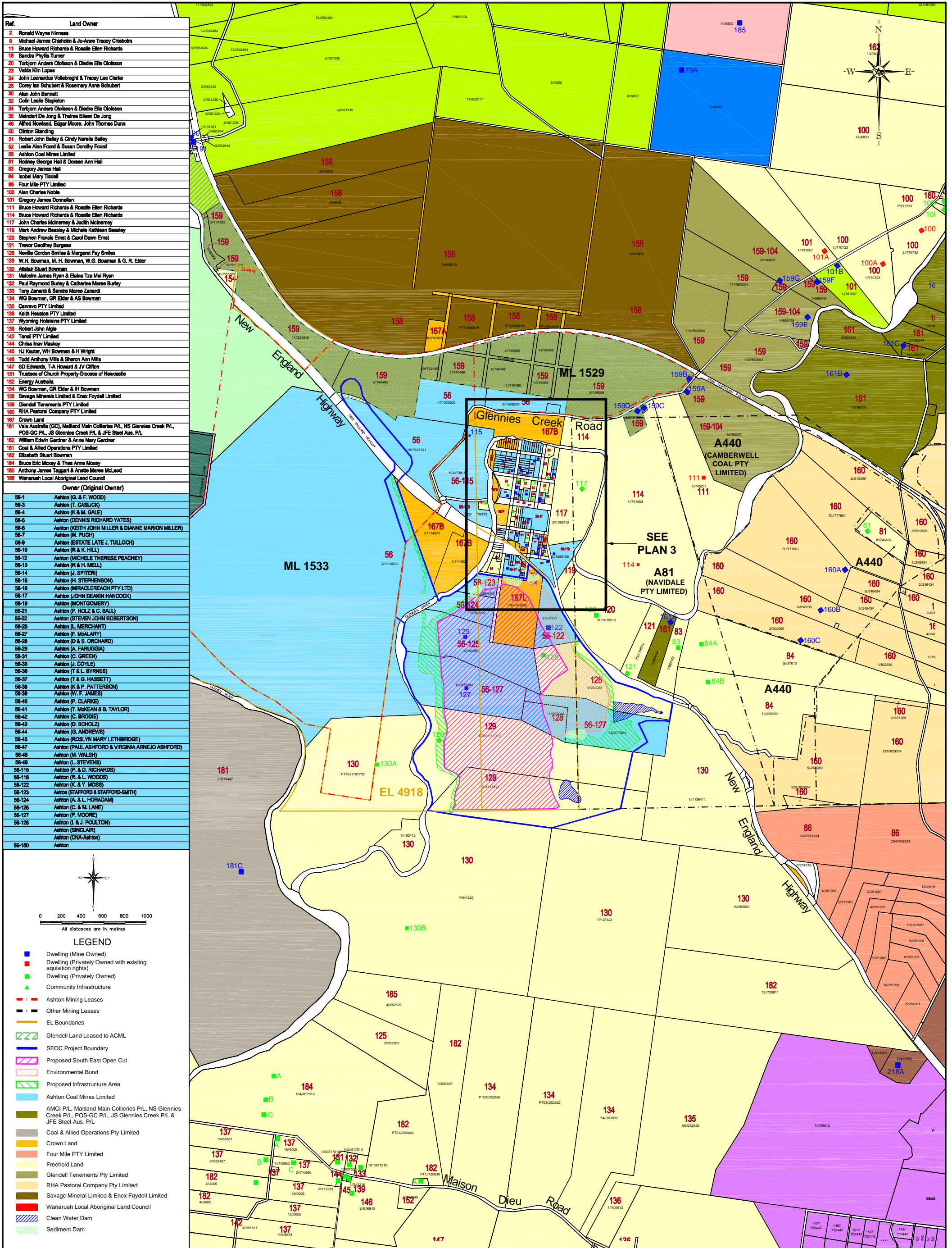
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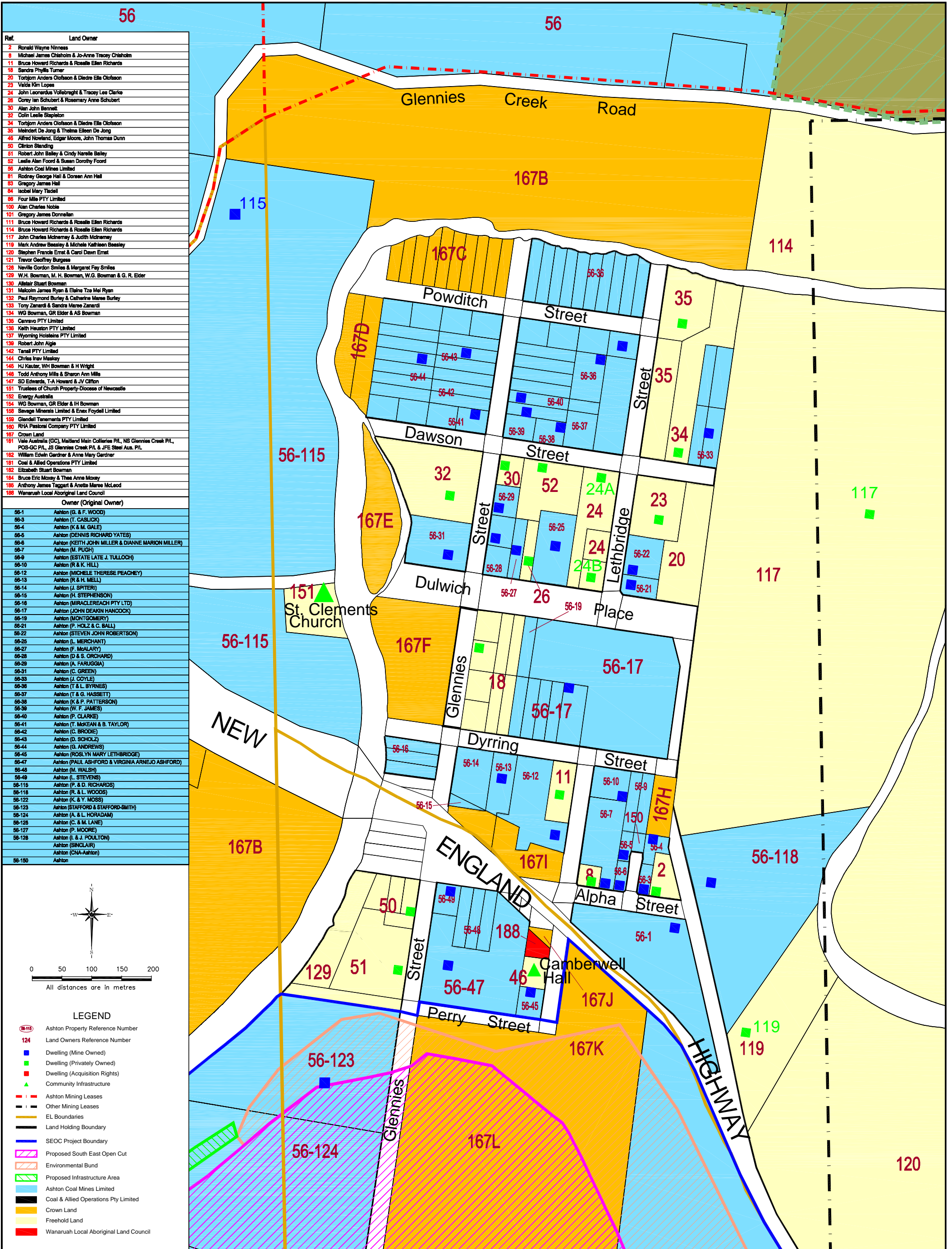
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8	Michael James Chisholm & Jo-Anne Tracey Chisholm
11	Bruce Howard Richards & Rosalie Ellen Richards
18	Sandra Phyllis Turner
20	Torbjorn Anders Olofsson & Diedre Ella Olofsson
23	Valde Kim Lopes
24	John Leonardus Vollebreght & Tracey Lee Clarke
26	Cory Ian Schubert & Rosemary Anne Schubert
30	Alan John Bennett
32	Colin Leslie Stapleton
34	Torbjorn Anders Olofsson & Diedre Ella Olofsson
35	Meindert De Jong & Thelma Eileen De Jong
46	Alfred Nowland, Edgar Moore, John Thomas Dunn
50	Clinton Standing
51	Robert John Bailey & Cindy Narelle Bailey
52	Leslie Alan Ford & Susan Dorothy Ford
56	Ashton Coal Mines Limited
81	Rodney George Hall & Doreen Ann Hall
83	Gregory James Hall
84	Isobel Mary Tiedall
86	Four Mile PTY Limited
100	Alan Charles Noble
101	Gregory James Donnellan
111	Bruce Howard Richards & Rosalie Ellen Richards
114	Bruce Howard Richards & Rosalie Ellen Richards
117	John Charles McInerney & Judith McInerney
119	Mark Andrew Beasley & Michele Kathleen Beasley
120	Stephan Francis Ernst & Carol Dawn Ernst
121	Trevor Geoffrey Burgess
126	Neville Gordon Smiles & Margaret Fay Smiles
129	W.H. Bowman, M. H. Bowman, W.G. Bowman & G. R. Elder
130	Alister Stuart Bowman
131	Malcolm James Ryan & Elaine Tza Mei Ryan
132	Paul Raymond Burley & Catherine Maree Burley
133	Tony Zanardi & Sandra Maree Zanardi
134	WG Bowman, GR Elder & AS Bowman
135	Cannevo PTY Limited
136	Keith Heuston PTY Limited
137	Wyoming Holdings PTY Limited
139	Robert John Alge
142	Tanell PTY Limited
144	Chries Inav Maskey
145	HJ Kauter, WH Bowman & H Wright
146	Todd Anthony Mills & Sharon Ann Mills
147	SD Edwards, T-A Howard & JV Clifton
151	Trustees of Church Property-Diocese of Newcastle
152	Energy Australia
154	WG Bowman, GR Elder & H Bowman
158	Savage Minerals Limited & Enex Foydall Limited
159	Glendell Tenements PTY Limited
160	RHA Pastoral Company PTY Limited
167	Crown Land
161	Vale Australia (GC), Maitland Main Collieries P/L, NS Glennies Creek P/L, POS-GC P/L, JS Glennies Creek P/L & JFE Steel Aus. P/L
162	William Edwin Gardner & Anne Mary Gardner
161	Coal & Allied Operations PTY Limited
162	Elizabeth Stuart Bowman
164	Bruce Eric Moxey & Thea Anne Moxey
165	Anthony James Taggart & Anette Maree McLeod
168	Wanarah Local Aboriginal Land Council

Owner (Original Owner)	
56-1	Ashton (G. & F. WOOD)
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56-115	Ashton (P. & D. RICHARDS)
56-118	Ashton (R. & L. WOODS)
56-122	Ashton (K. & Y. MOSS)
56-123	Ashton (STAFFORD & STAFFORD-SMITH)
56-124	Ashton (A. & L. HORADAM)
56-125	Ashton (C. & M. LANE)
56-127	Ashton (P. MOORE)
56-128	Ashton (I. & J. POULTON)
	Ashton (SINCLAIR)
	Ashton (CNA-Ashton)
56-150	Ashton

0 200 400 600 800 1000
All distances are in metres

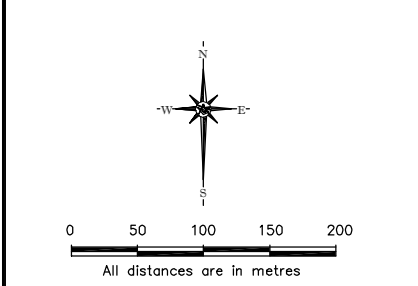
LEGEND

- Dwelling (Mine Owned)
- Dwelling (Privately Owned with existing acquisition rights)
- Dwelling (Privately Owned)
- ▲ Community Infrastructure
- Ashton Mining Leases
- Other Mining Leases
- EL Boundaries
- Glendell Land Leased to ACML
- SEOC Project Boundary
- Proposed South East Open Cut
- Environmental Bund
- Proposed Infrastructure Area
- Ashton Coal Mines Limited
- AMCI P/L, Maitland Main Collieries P/L, NS Glennies Creek P/L, POS-GC P/L, JS Glennies Creek P/L & JFE Steel Aus. P/L
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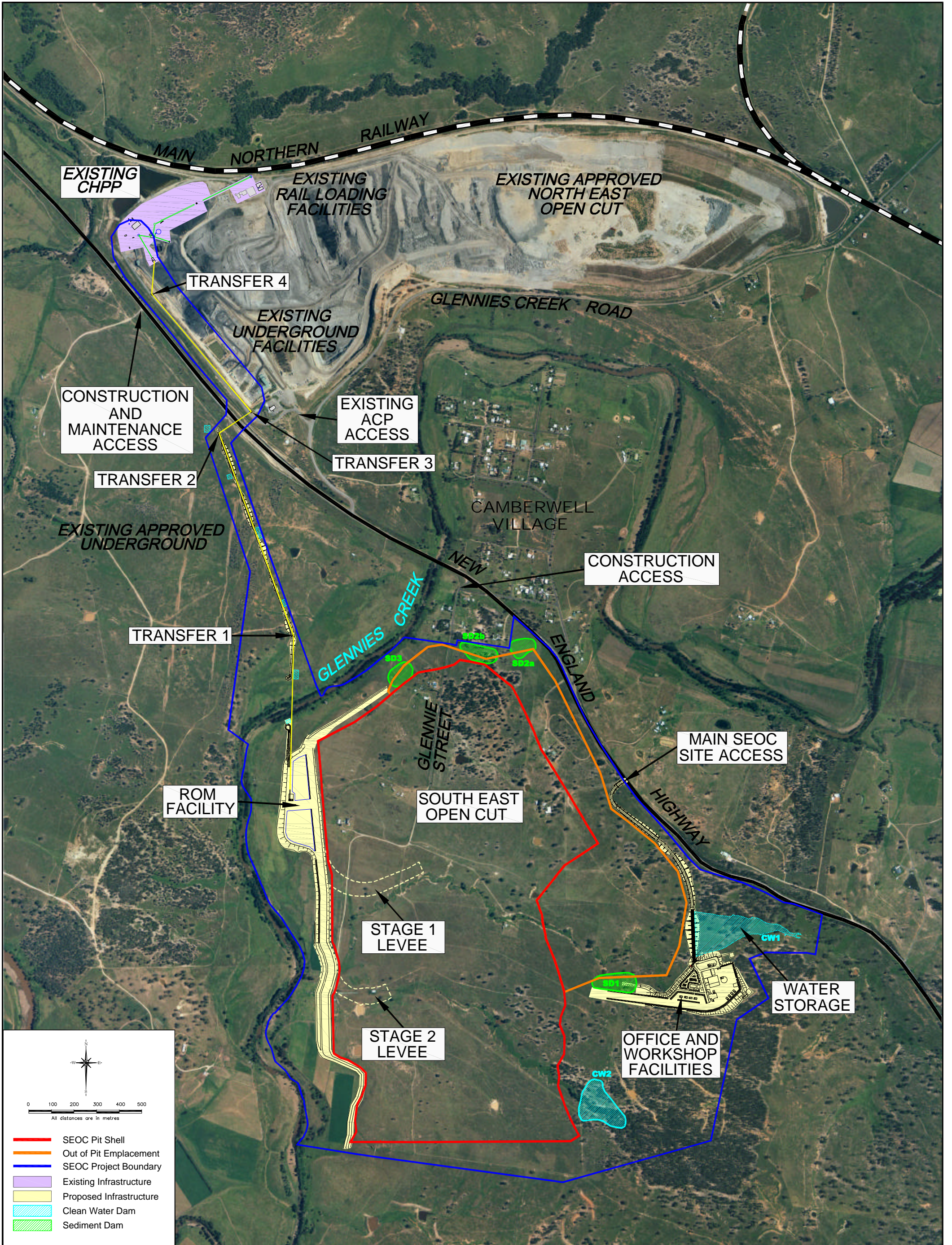


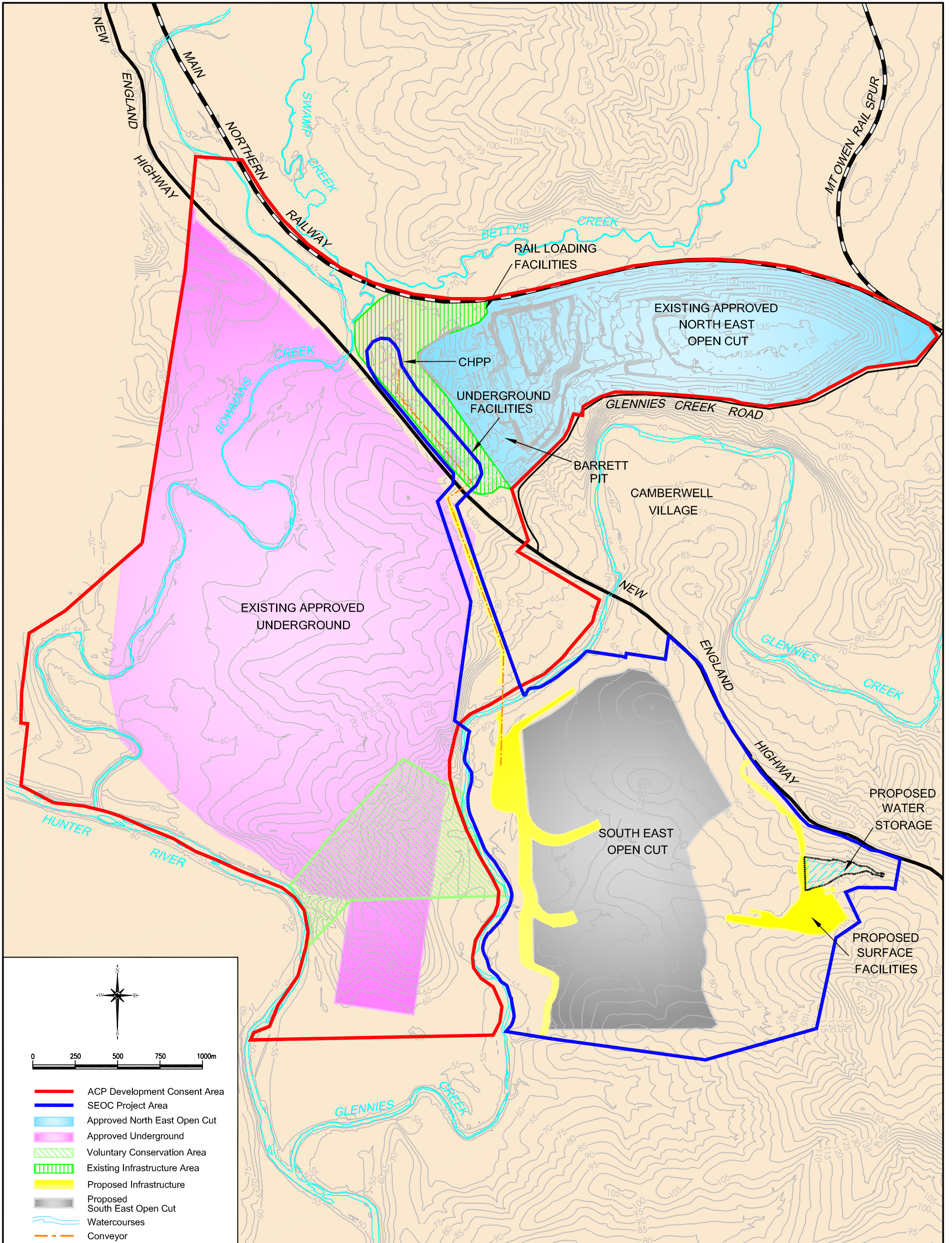
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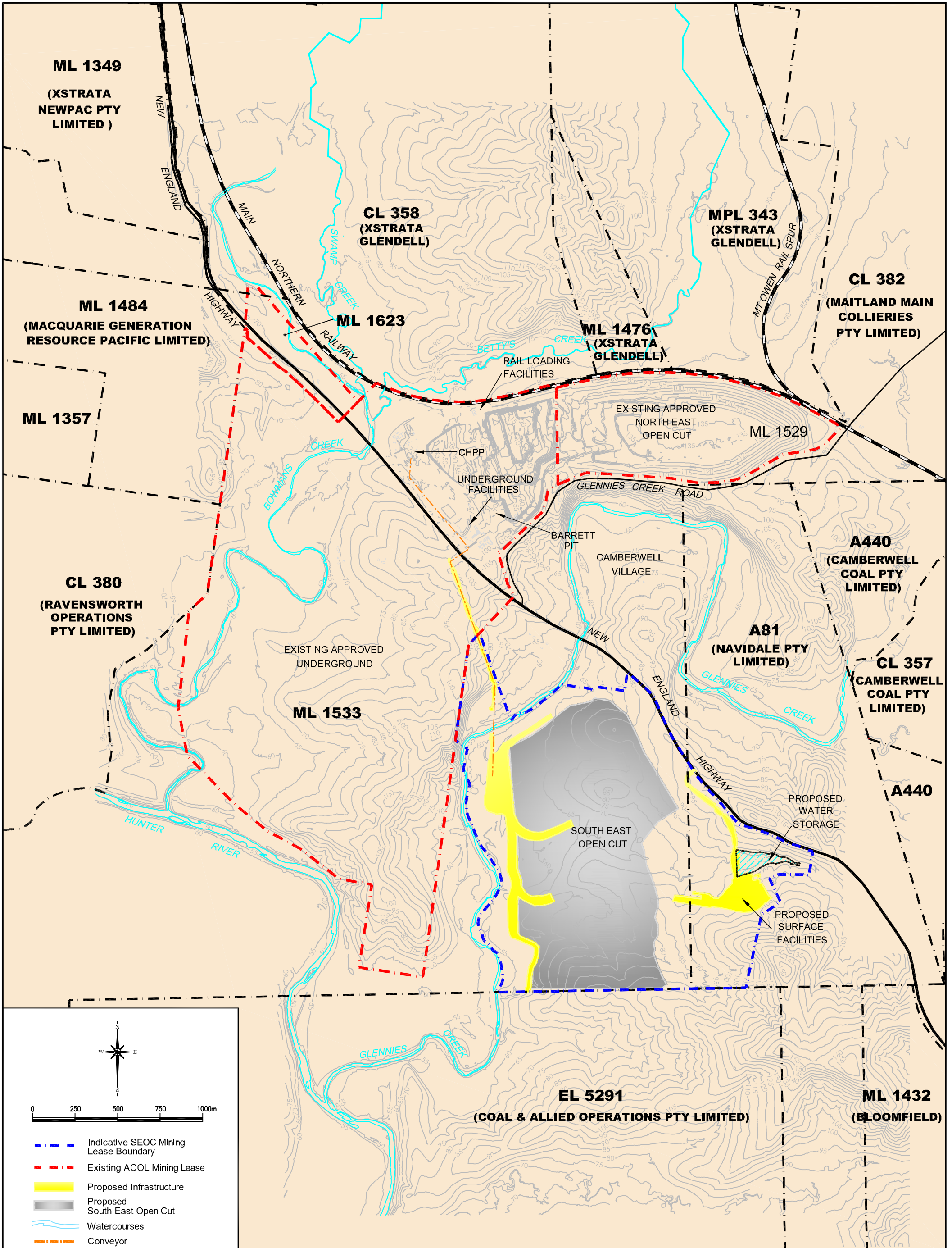
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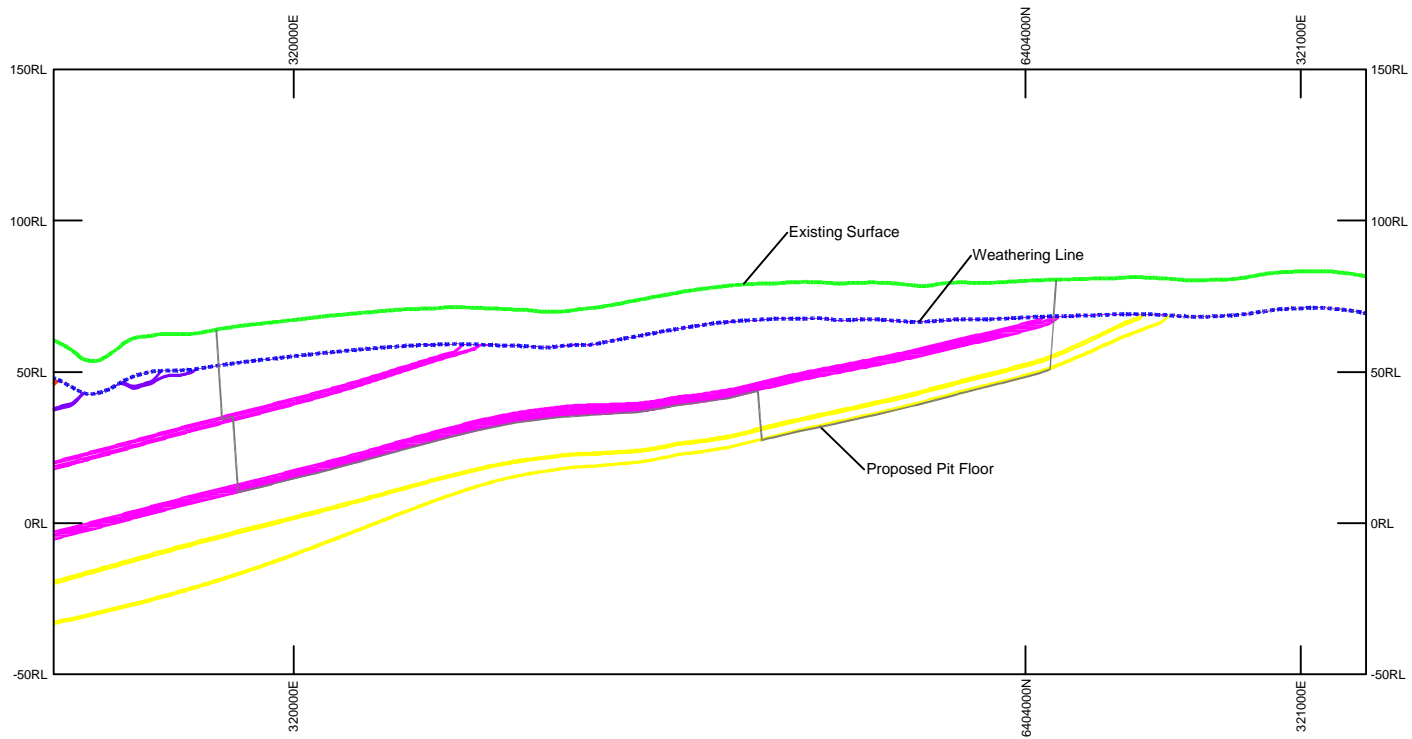


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124	Land Owners Reference Number
■	Dwelling (Mine Owned)
■	Dwelling (Privately Owned)
■	Dwelling (Acquisition Rights)
▲	Community Infrastructure
---	Ashton Mining Leases
---	Other Mining Leases
---	EL Boundaries
---	Land Holding Boundary
---	SEOC Project Boundary
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---	Environmental Bund
---	Proposed Infrastructure Area
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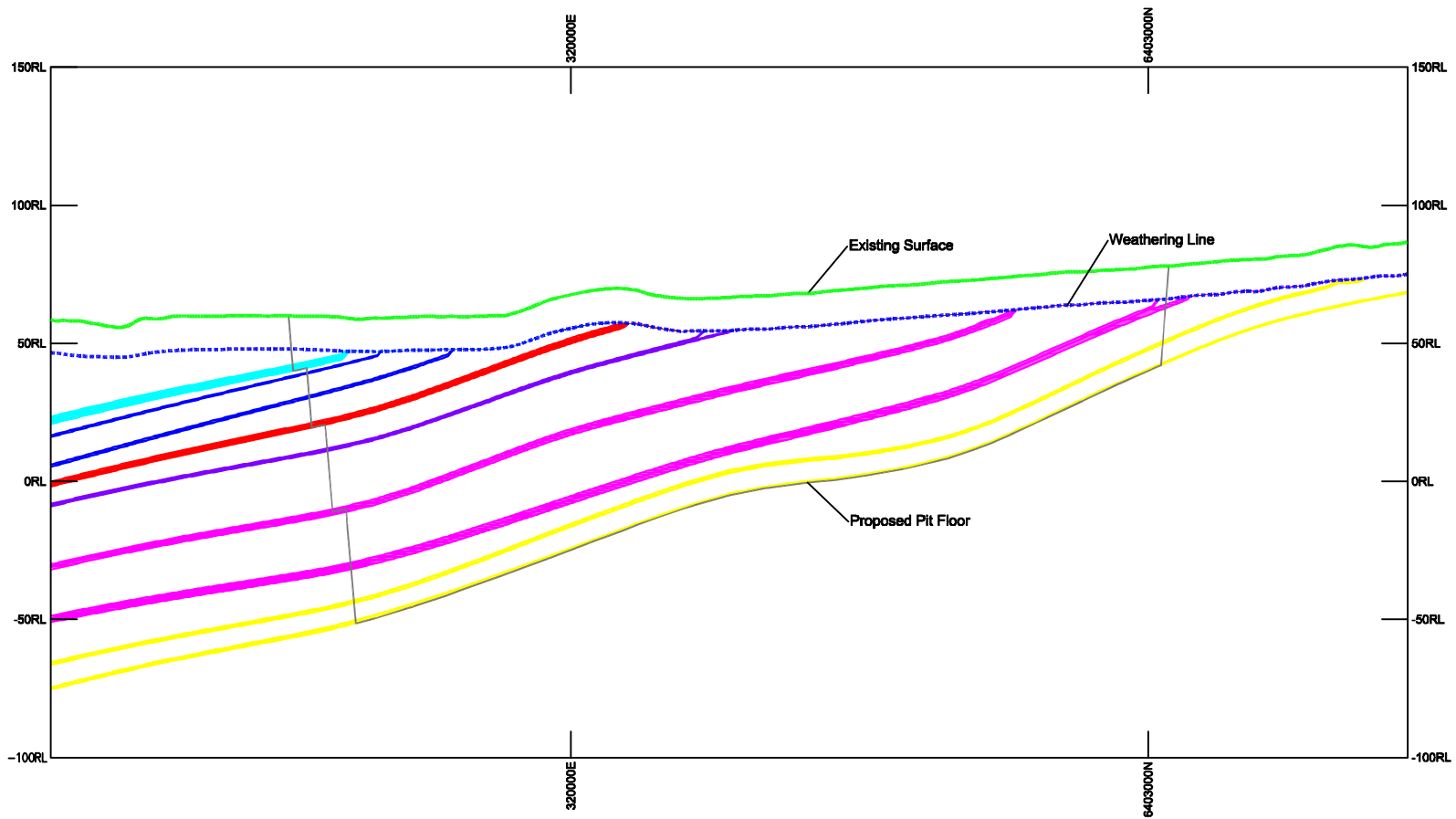






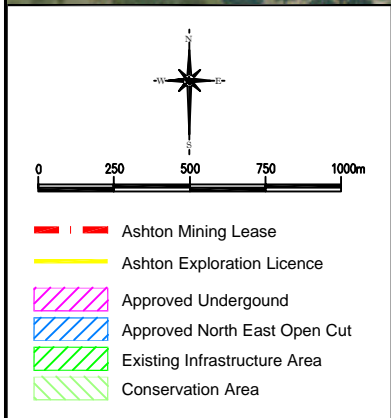
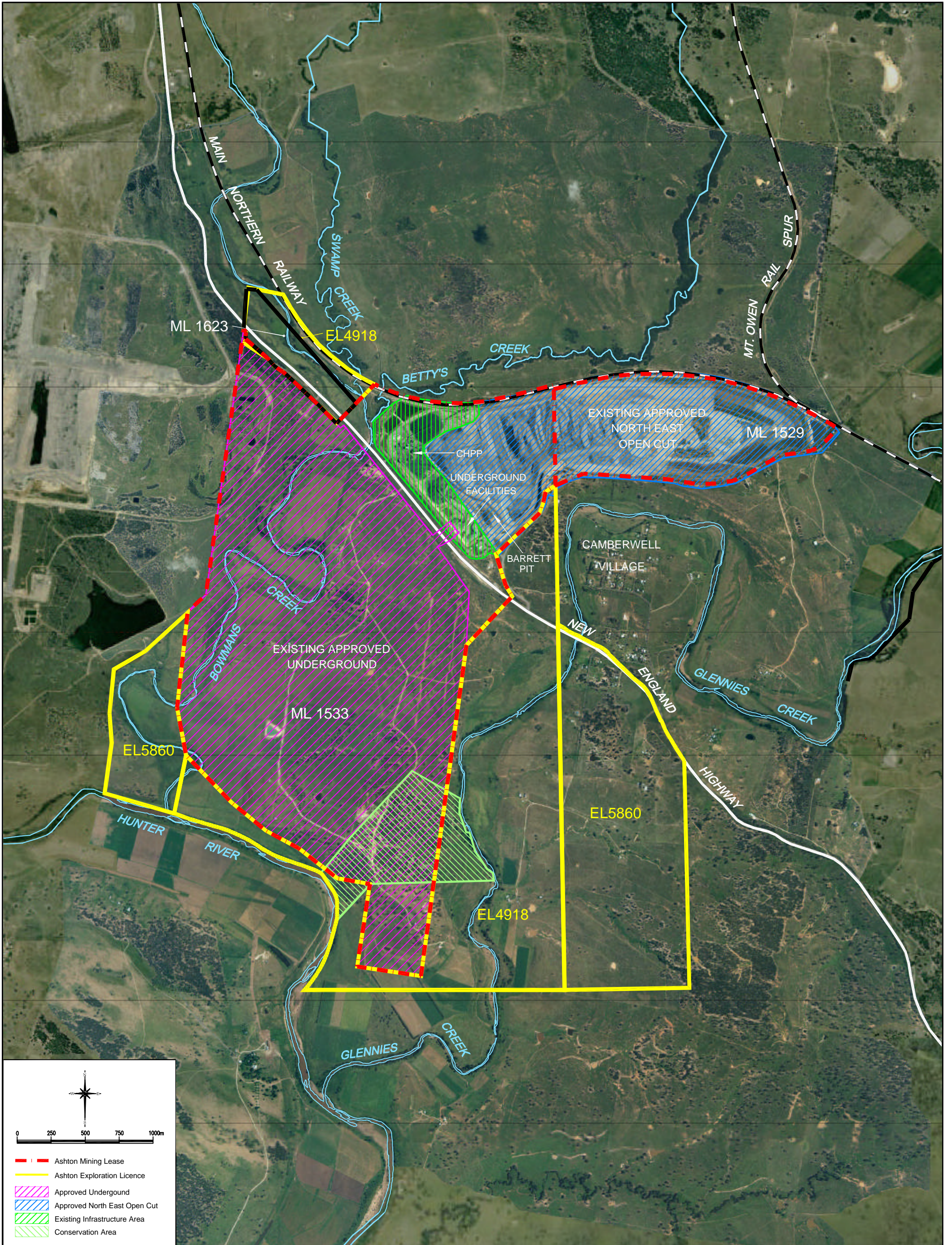


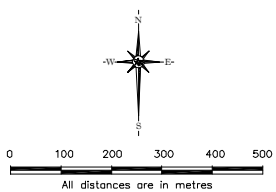
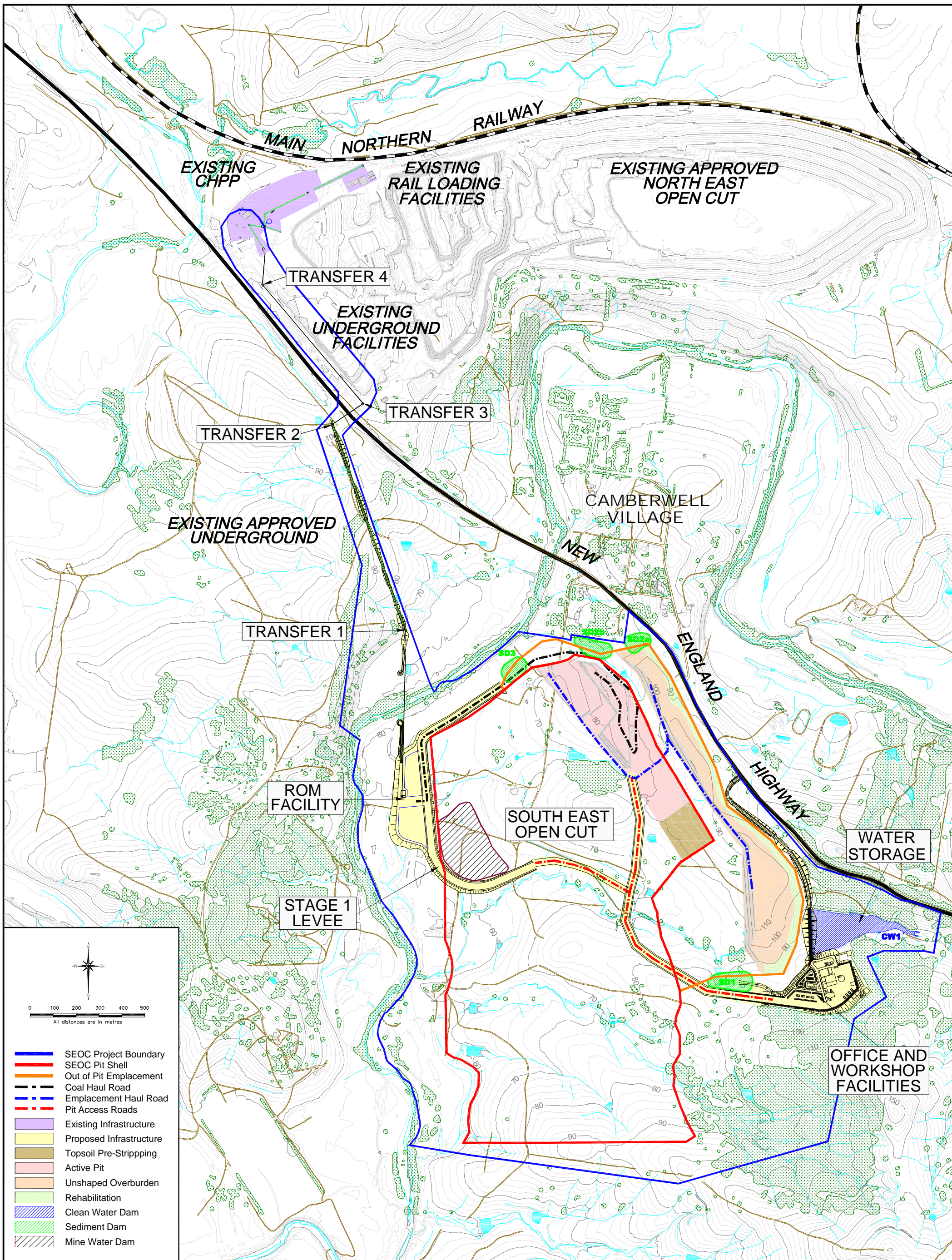
NORTHERN AREA OF THE OPEN CUT
VERTICAL EXAGGERATION 1:4



SOUTHERN AREA OF THE OPEN CUT
VERTICAL EXAGGERATION 1:4

- Seam ULD1-4
- Seam MLD1-2
- Seam ULLD1-3
- Seam LLLD1-2
- Seam UB-LB
- Seam HEB1-2



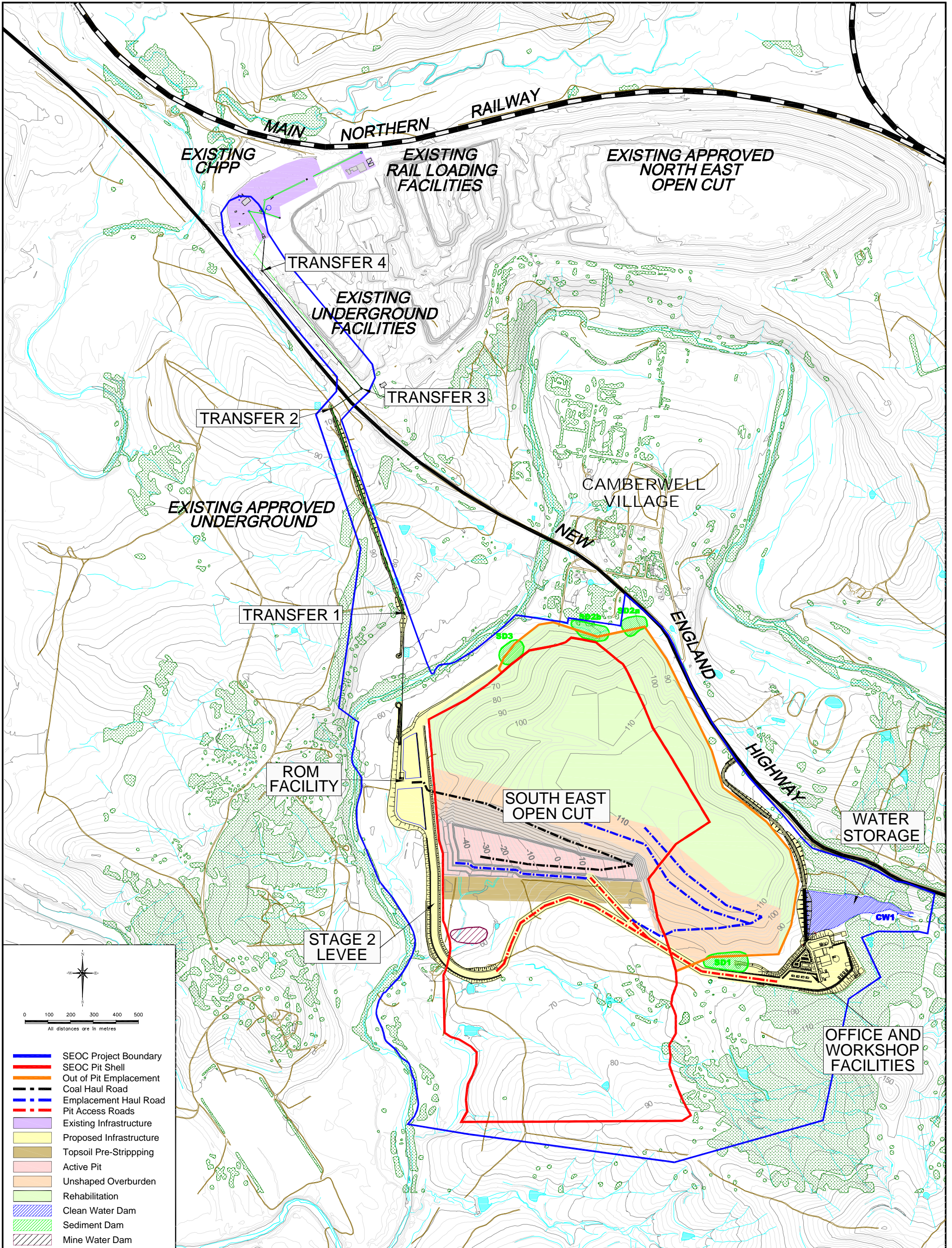


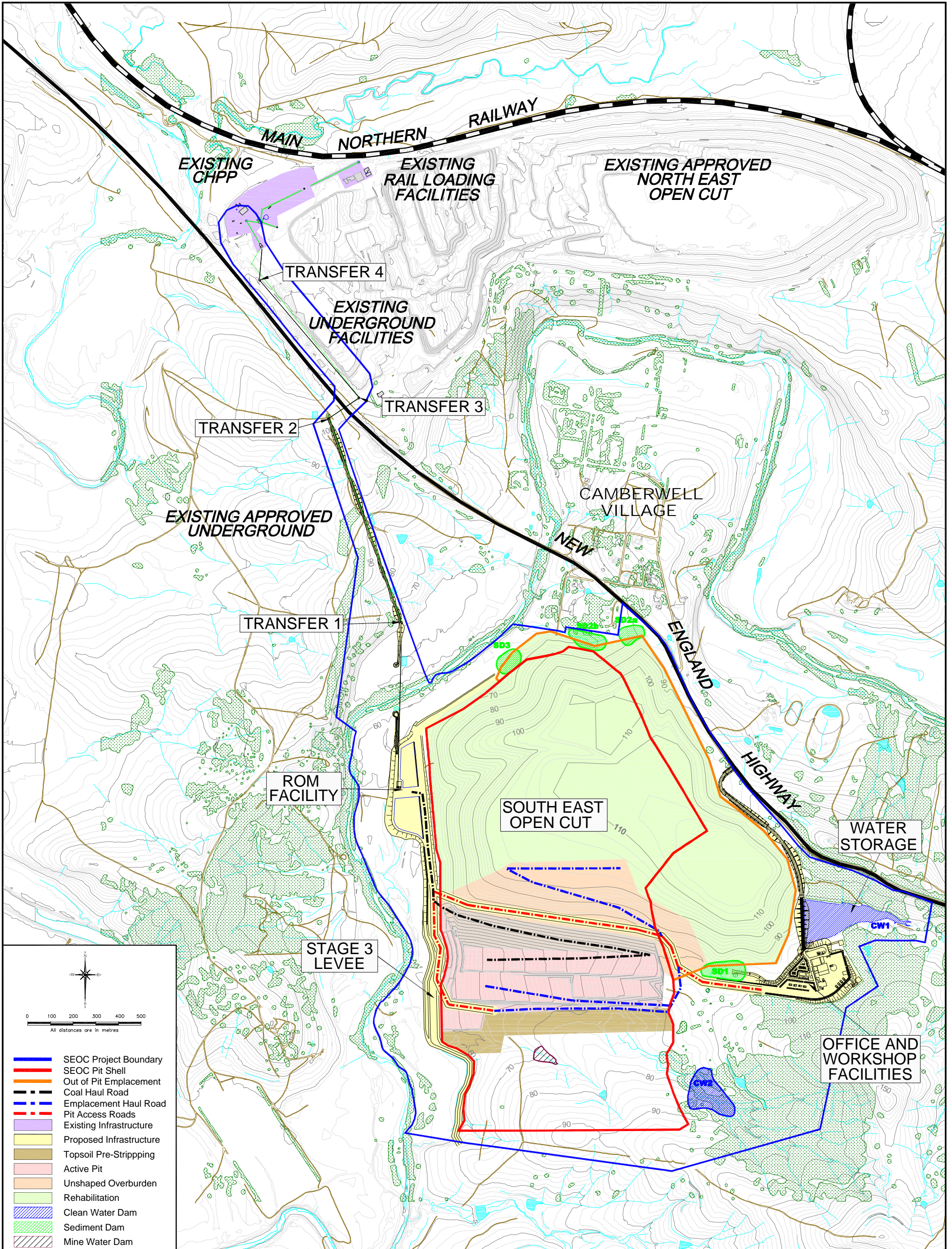
- SEOC Project Boundary
- SEOC Pit Shell
- Out of Pit Emplacement
- - - Coal Haul Road
- - - Emplacement Haul Road
- - - Pit Access Roads
- Existing Infrastructure
- Proposed Infrastructure
- Topsoil Pre-Stripping
- Active Pit
- Unshaped Overburden
- Rehabilitation
- Clean Water Dam
- Sediment Dam
- Mine Water Dam

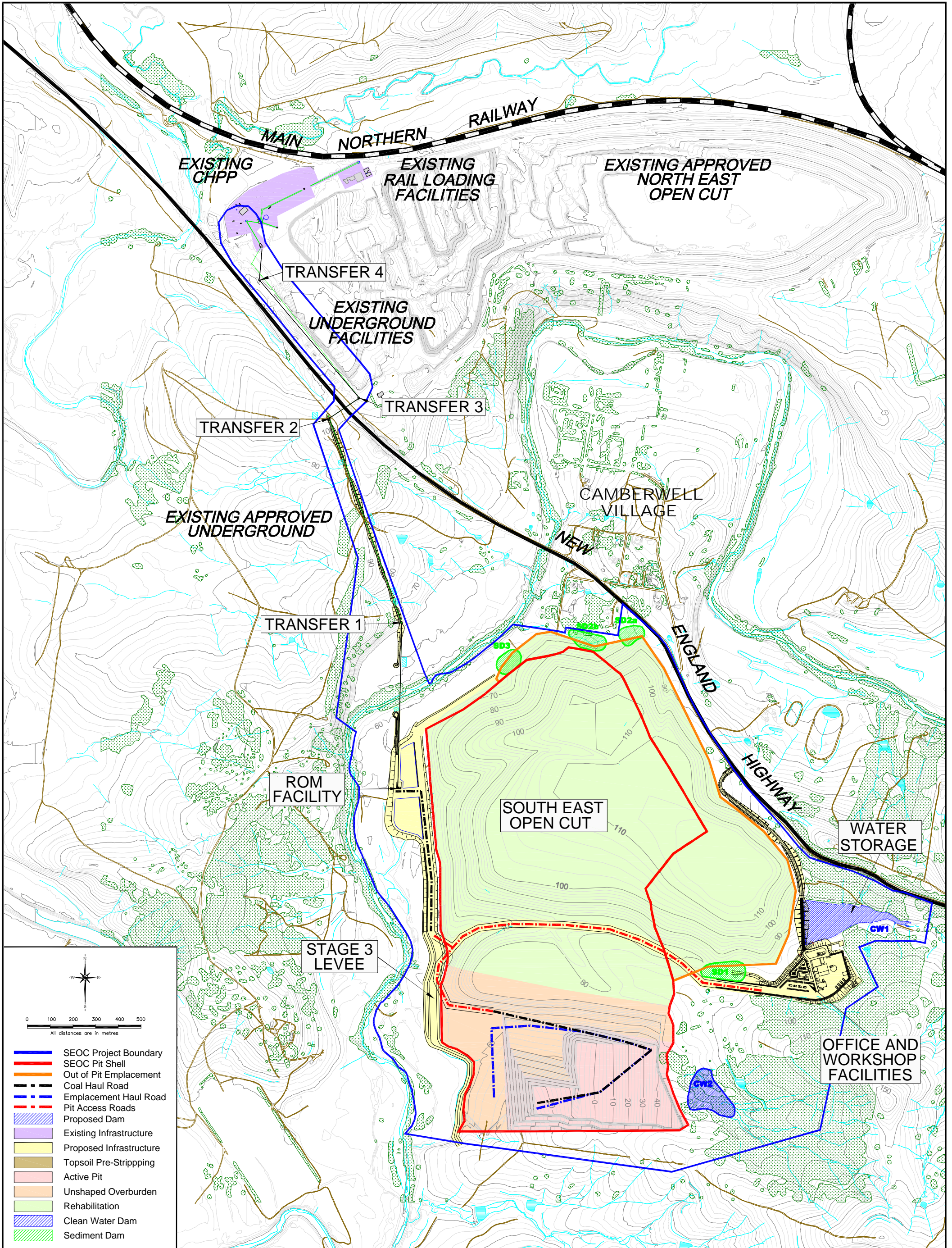
South East Open Cut Project

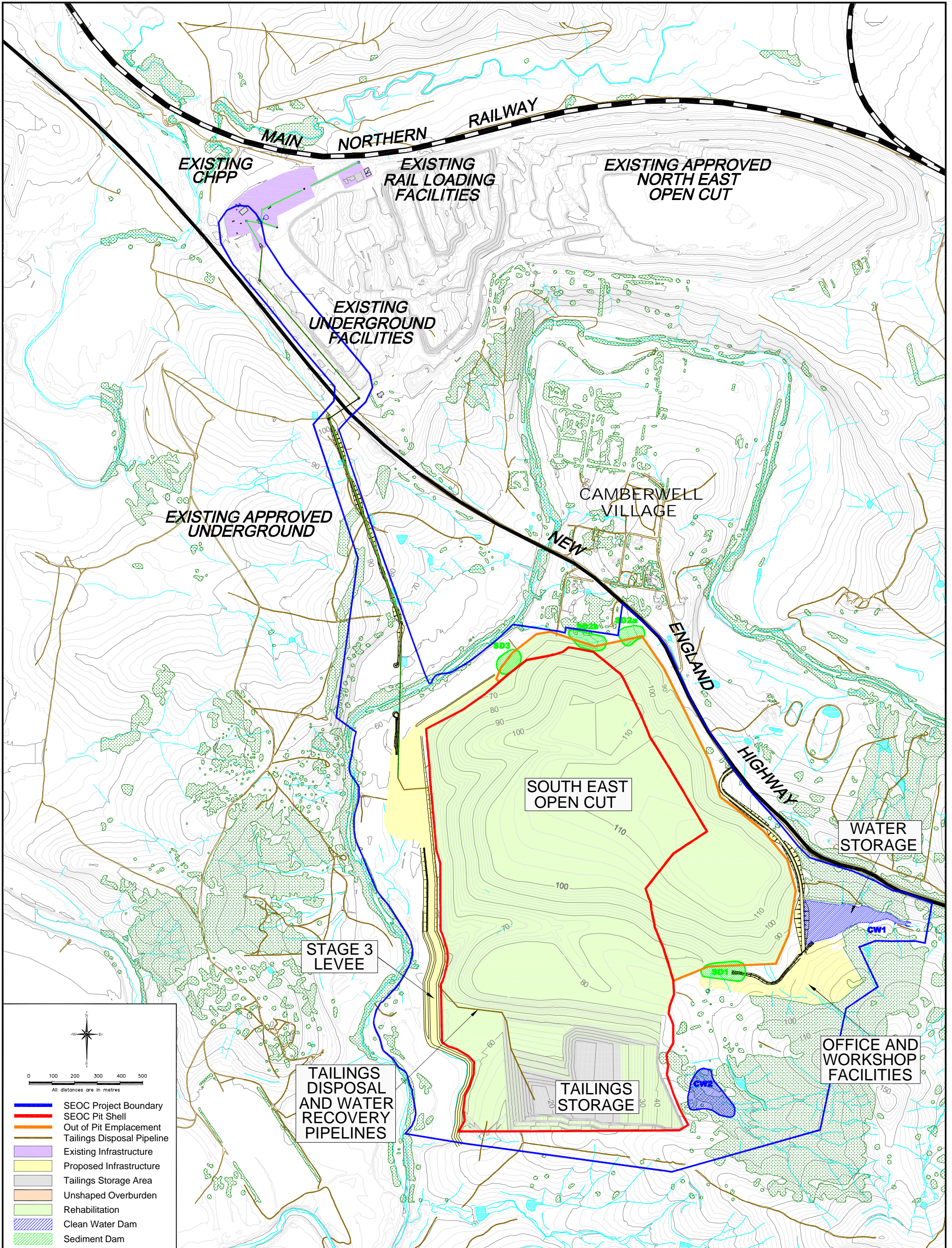
Proposed mining progression plan for Year 1

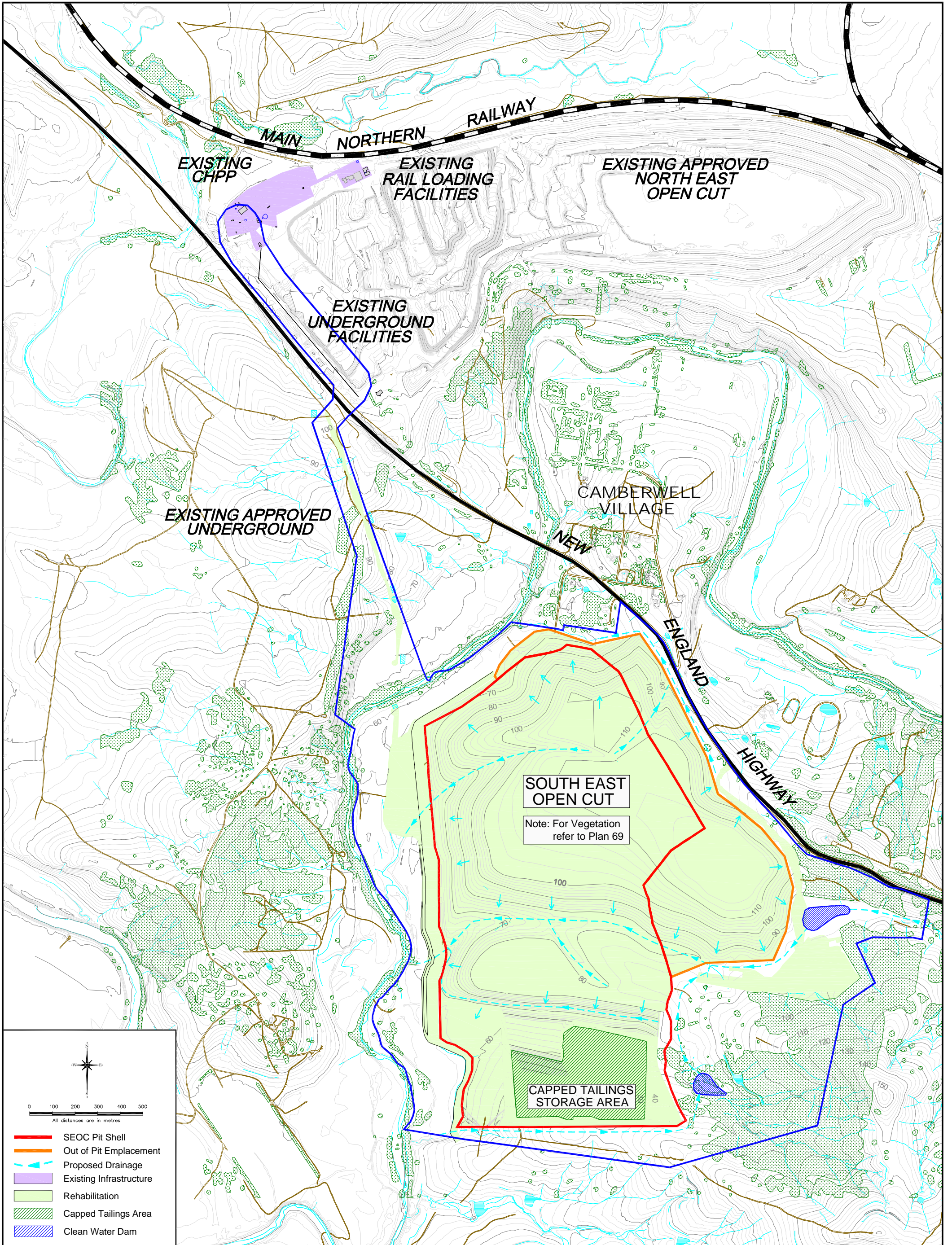
Plan 9

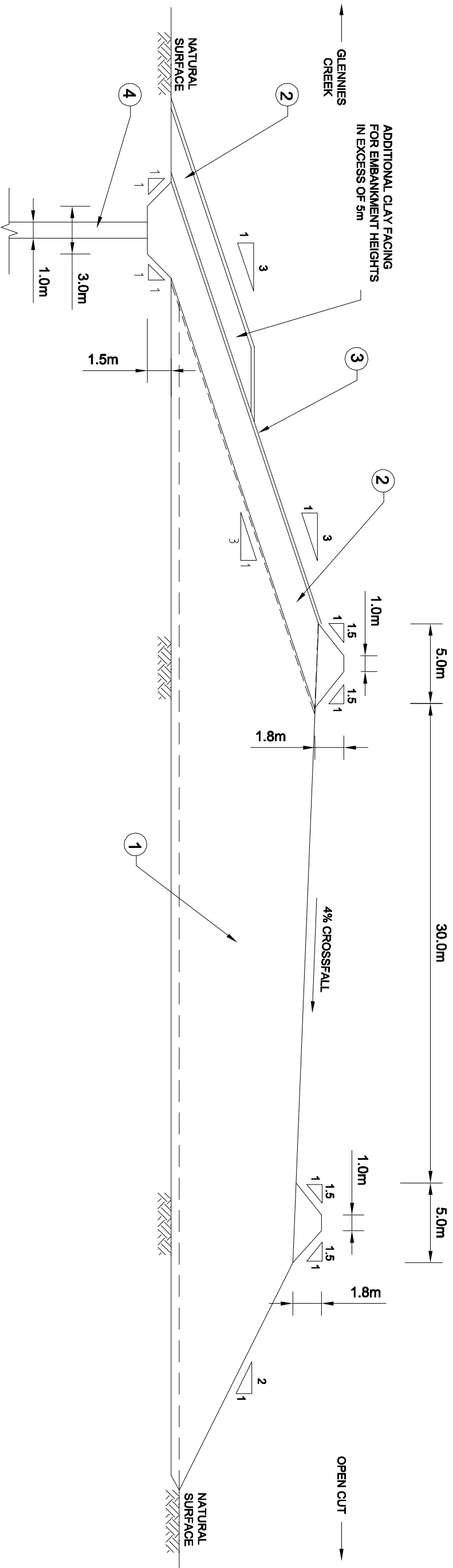










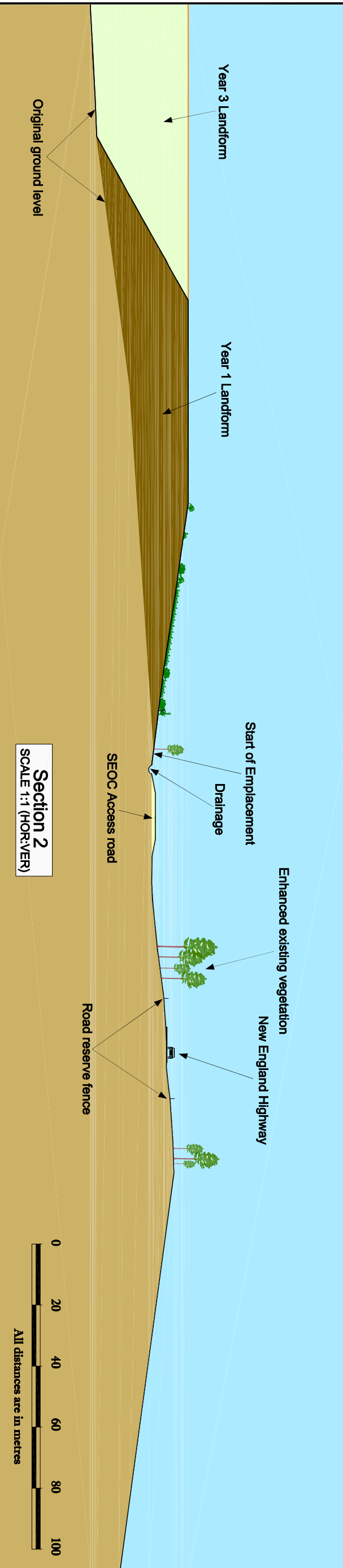
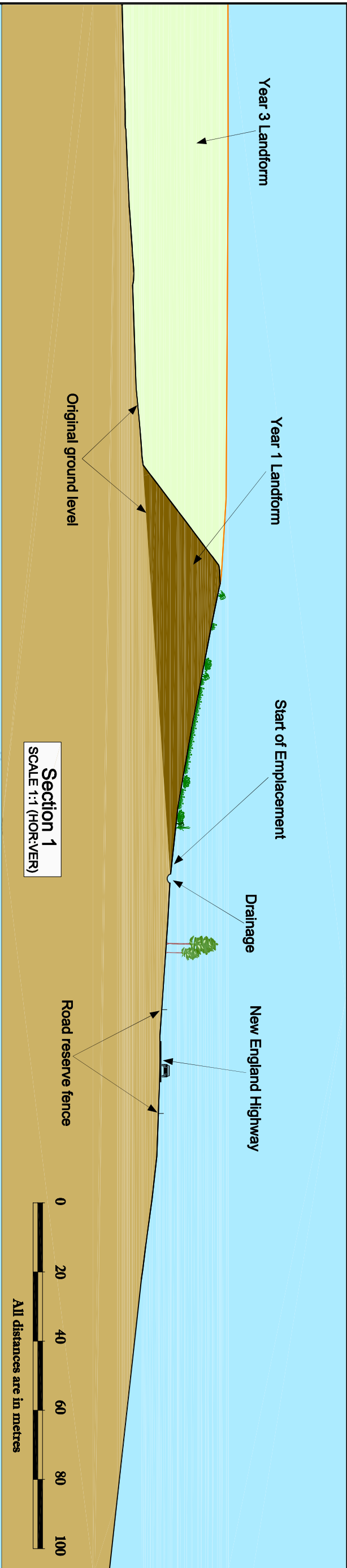
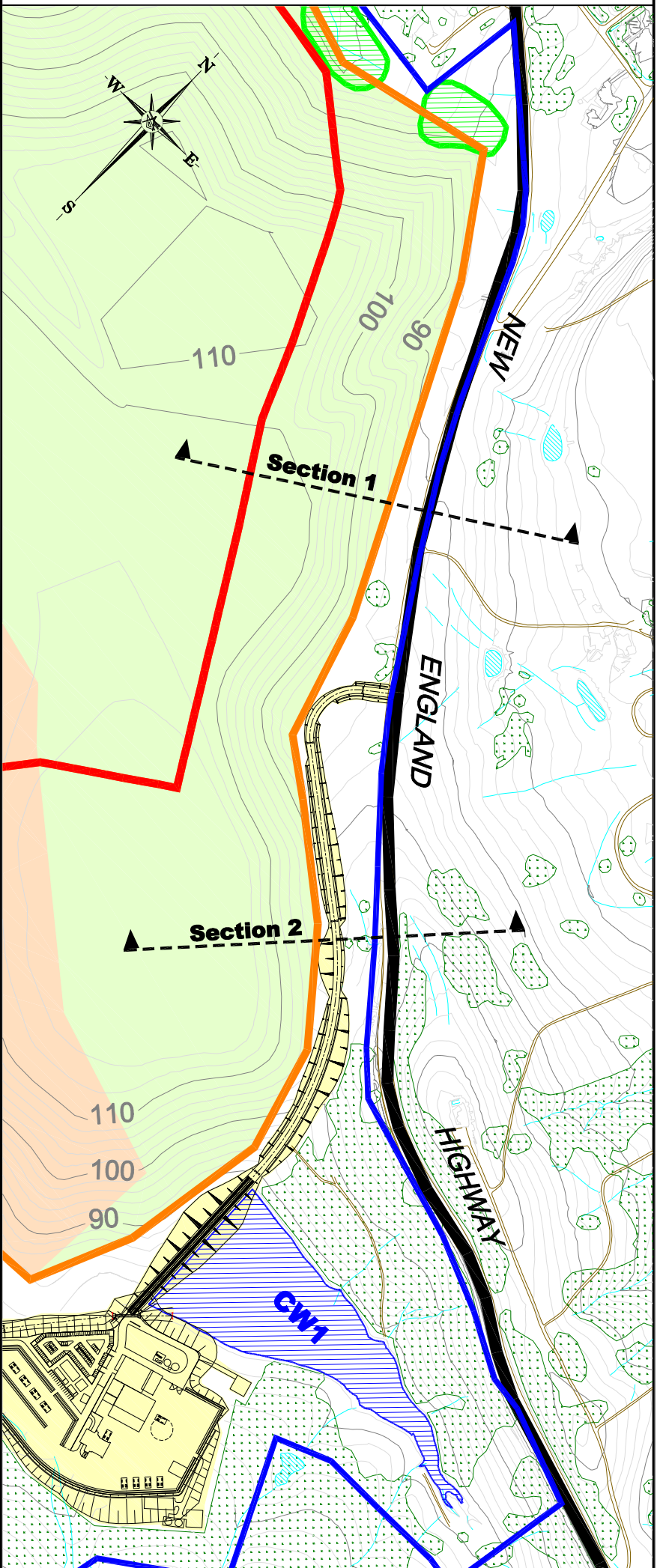


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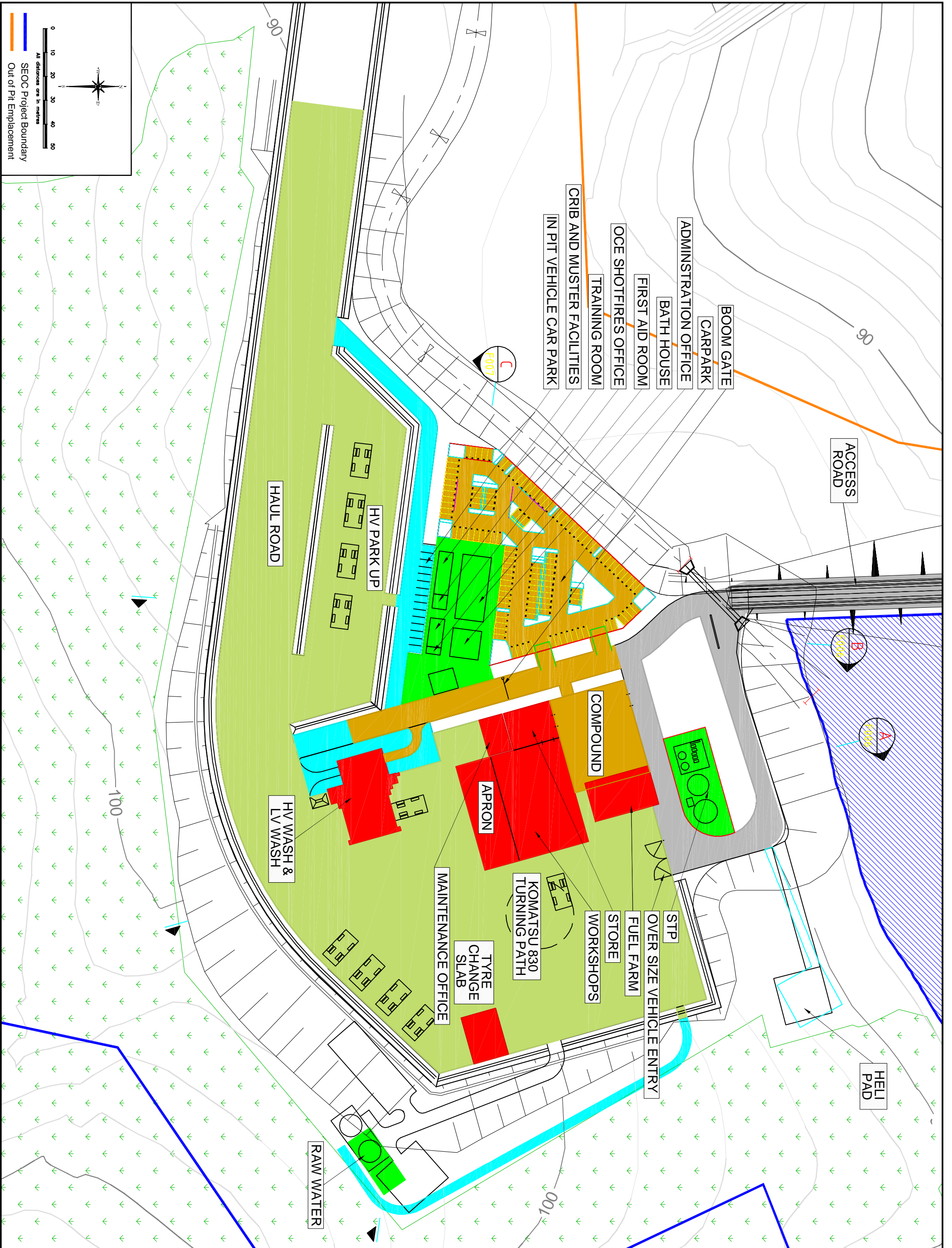
EMBANKMENT HEIGHT VARIES WITH NATURAL GROUND LEVEL.

1. COMPACTED EARTH FILL
2. COMPACTED CLAY FACING
3. 100mm THICK TOPSOIL, SEED, FERTILISE
4. SUBSURFACE BARRIER INSTALLED WHERE NECESSARY FOR HIGHWALL STABILITY

THE ARRANGEMENT SHOWN IS INDICATIVE ONLY AND SUBJECT TO CONFIRMATION OF THE CONSTRUCTION TECHNIQUE TO BE ADOPTED.



South East Open Cut Project
 Cross sections of the proposed SEOC Year 3 environmental bund
 and out of pit emplacement



South East Open Cut Project
 Proposed office and workshop area facilities layout

Plan 17

