

Date: 29 November 2024

Re: Mineral Extraction Zone 6: Paparoa Coal Field

1.0 Notified MINZ

A map of the notified Mineral Extraction Zone (MINZ) at Paparoa Coal Field is included in **Figure 1** below and attached in **Appendix 1**.

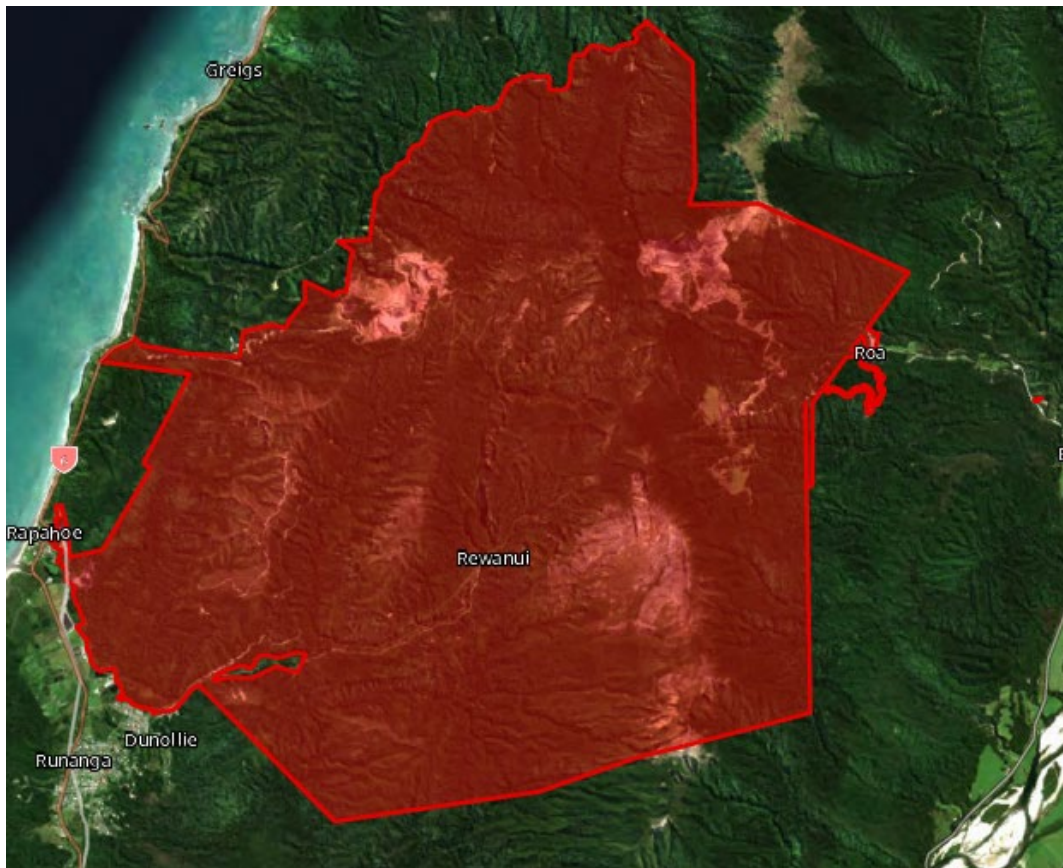


Figure 1: Notified Mineral Extraction Area at Paparoa Coal Field.

2.0 Submissions

2.1 Support

Trevor Thorpe (S528.004) and John Thorpe (S529.001) seek to retain the MINZ at Barrytown. This is opposed by Brian Anderson (FS237.084).

2.2 Amend

Department of Conservation (S602.221) seeks to amend the mapping of the MINZ and the Buller Coalfield Zone overlay to exclude any areas in the zone that do not have current authorisation for mining activity through the Coal Mining Act 1979 or resource consent under the RMA. This is opposed by Bathurst Resources Limited and BT Mining Limited (FS89.033).

2.3 Oppose

Rosemary Erickson (S280.001) seeks that no mineral abstraction to be allowed in the Barrytown area. This is opposed by Grey District Council (FS1.073).

Roger Ewer (S316.001) seeks to remove the MINZ at Barrytown and make mineral extraction a restricted discretionary activity. A neutral position on this is held by Grey District Council (FS1.286).

David Moore (S65.024), Katherine Crick (S101.002), Jan Fraser (S129.002), Sophie Allan (S82.002), Michael Hill (S70.005), Jane Nolan (S397.001), Janice Flinn (S260.001), Lindy Mason (S355.005), Ross Wildbore (S389.001), David Moore (S65.025) and Suzanne Hills (S443.051) seeks to rezone the Barrytown MINZ as General Rural. A neutral position is held by Grey District Council (FS1.127, FS1.283, FS1.275, FS1.067, FS1.102, FS1.109, FS1.092, FS1.280 and FS1.279).

3.0 Evidence

3.1 Terra Firma Mining Limited (S537)

Evidence was received from Lucy Smith, the Director of Terra Firma Mining Limited (**Terra Firma**) in regards to the notified MINZ for Paparoa Coal Field. Ms Smith states Terra Firma has an application for a Mineral Permit (**MP**), referenced as MP 60664, lodged with New Zealand Petroleum and Minerals (**NZPM**) for Spring Creek. The total area of the Spring Creek MPA is 1274 hectares and is based on the Coal Mining Licence held by the previous operator. When the Spring Creek mining permit is granted, Terra Firma will seek the necessary suite of resource consents from Grey District Council and West Coast Regional Council to re-establish the mine operations. As such Terra Firma maintains that the proposed MINZ should be retained where it underlies the Spring Creek MPA. A map of the area sought under the MPA in relation to the notified MINZ at Paparoa was included with their evidence (**Figure 2**).

However, as there are no existing Coal Mining Licenses, Auxiliary Coal Mining Licenses, or Resource Consents applicable over the area encompassed by the application for MP 60664, it is considered that this does not provide that a lawfully established mineral extraction and processing activity is authorised in the application area.

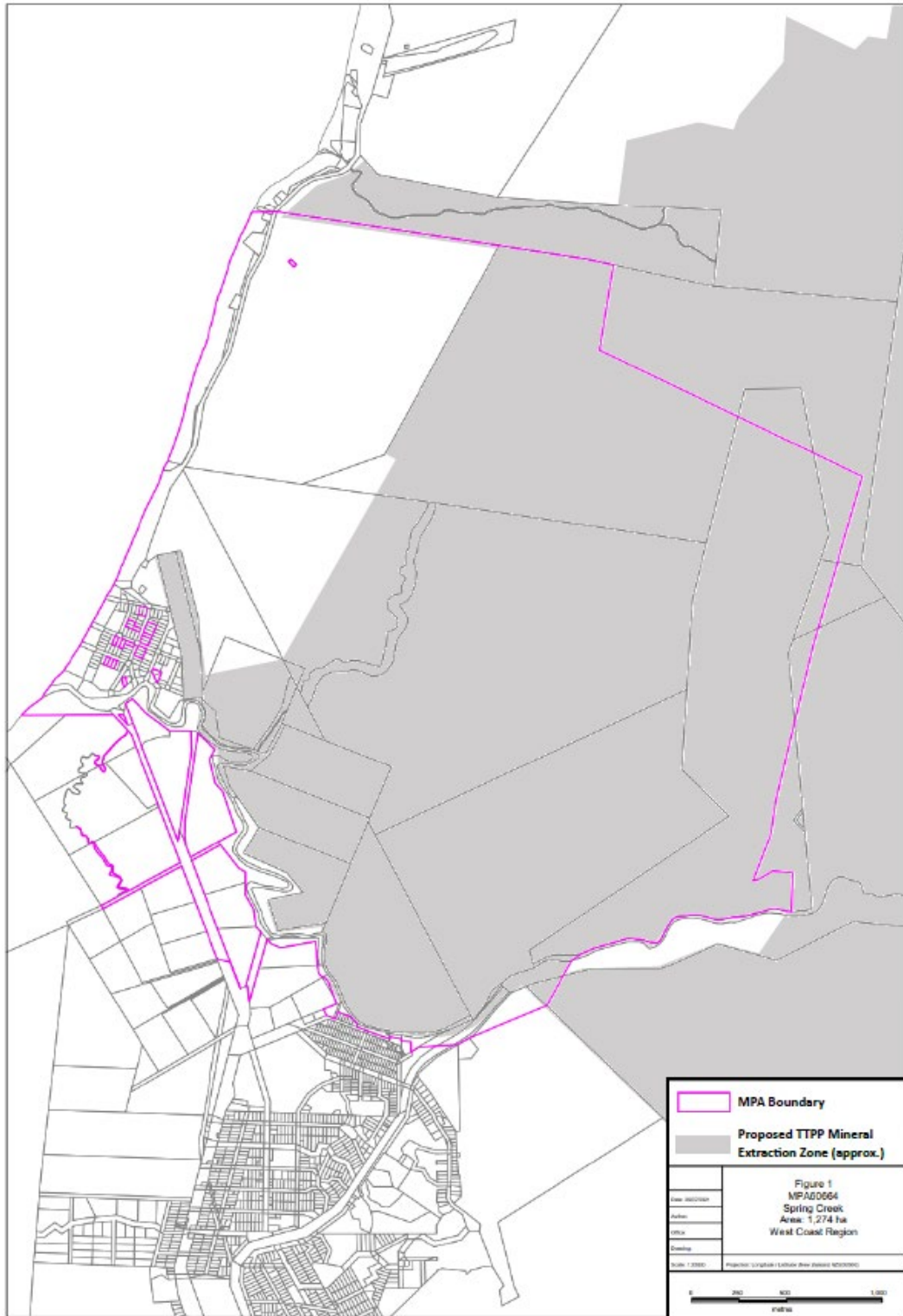


Figure 2: Map of MPA Boundary in relation to notified MINZ provided with Terra Firma Evidence.

4.0 Assessment of Information Provided by Council

Information has been provided by Grey District Council and the West Coast Regional Council. The following resource consents were identified as relative to the notified MINZ for Paparoa Coal Field (**Figure 1** above).

4.1 Grey District Council

4.1.1 Coal Mining Licence (CML) 37175- Relinquished

This document granted the licensee the exclusive rights for coal mining purposes in relation to the 1441ha of land listed as Sections 1 and 2 SO 11727 and Rural Secs 4945, 4946, 4947, 4961, 4970, 5058, 5640, 6589, 6692, Pt Rural Sec 5129, Secs 1-3 SO 11904, Sec 2 SO 11878, Sec 1 SO 11881, Pt Sec 1 SO 11729, Pt Lot 1 DP 588, Lot 1 DP 1625, Pt Secs 3, 25 and 26 Square 124, Pts Sec 3 Blk I Cobden Survey District, Pt Sec 4 and Pts Sec 5 Blk I Cobden Survey District, Pts Sec 11 and Secs 30,31 and 32 Blk III Cobden Survey District, Pt Reserves 184 and 1097 Coates Tc Beach Road, Legal Road, Pt Hollard Street, Pt McLeod Street, Coast Road (SH No.6), Seven Mile Road (SH No.6), Closed Road, Crown Land Reserved from Sale, State Coal Mine Reserve and Crown Land, Pt bed of Rockey Creek, Seven Mile Creek, Nine Mile Creek and Raleigh Creek, Pt Rewanui and Rapahoe Branch Railways, all situated in blocks I , II, III Cobden Survey District'. A map outlining the boundary of these legal descriptions was provided with the CML document (**Appendix 2**). The document provides that the CML 37175 commenced on 17 November 1993 and had a term of 40 years making the expiry November 2033. However, a search on the NZPM GIS database for Mineral Permits shows that CML 37175 was relinquished¹. As such, it is considered that this does not provide that a lawfully established mineral extraction and processing activity is authorised in the area mapped under CML37175.

4.1.2 LUN326-97

This resource consent grants a Land Use Consent to construct a mine portal and other surface infrastructure and to dump waste rock in a small landfill. The location is identified as Part 11 Block III, Cobden Survey District, SO 7861 DOC 89380, Spring Creek Road, Dunollie. This resource consent commenced on 24 June 1998 and has a duration of 36 years. A map of the surface infrastructure was provided along with the application documents (**Appendix 3**). See **Figure 3** below for an approximation of the subject site (outlined in light orange) in relation to the notified MINZ at Paparoa Coal Field.

4.1.3 LUN325-97- Lapsed

A decision was granted via a Hearing Commissioner on 14 October 1998 which had a duration of 5 years (now passed). This resource granted the right to undertake temporary coal stockpiling on Lot 2 DP 1658, Seven Mile Road, Rapahoe under MP 41505. As the term for this resource consent has lapsed, it is considered that this consent no longer provides that a mineral extraction and processing activity is authorised in the area cited under LUN325-97.

¹ Information sourced from New Zealand Petroleum and Minerals – Mineral Permit Webmaps which provides online maps using real-time data to show all current minerals permits and applications in New Zealand. Updated through their permit register system and GIS database. Last updated: 3 April 2024

4.1.4 LU2243-11

This resource consent decision grants a Land Use Consent to undertake exploration activities within Crown Survey Land SO 1152 at Mt Davey on the Paparoa Range. The site is described as adjacent to CML 37159, and within MP 41255. Condition 1.2 specifies that the consent holder shall undertake activities within the site plan marked 'B' (**Attachment 4**). However, there are no clear identifiers to locate this site area in relation to the notified MINZ at Paparoa. A search on the NZPM GIS database for Mineral Permits shows that MP 41255 is no longer included in their mapping. As such the subject site of LU2243-11 was not able to be determined.

4.1.5 LUC2648/17

This resource consent decision grants a Land Use Consent to receive, process, and load out coal at Rocky Creek Coal Processing Facility at Rocky Creek Rapahoe. The legal description for the site is described as RS 6589, LINZ Parcel 3702386, LINZ Parcel 6717263, SECT 1 SO12474, and LINZ Parcel 369048. Condition 1.3 specifies that the consent holder shall comply with the site plans marked 'B' and 'C'. Copies of these plans were not provided with the resource consent. However, the site subject to the resource consent can be identified by the legal descriptions given. Aerial imaging has been sourced and provided as **Appendix 5** which identifies the boundary of the subject site based on the legal descriptions. See **Figure 3** below for an approximation of the subject site (outlined in light purple) in relation to the notified MINZ at Paparoa Coal Field. This resource consent was granted on 18 September 2017 and will lapse on 21 December 2033.

4.1.6 LUC2696/17

This resource consent decision grants a Land Use Consent to operate a conveyor, hopper, and load-out to receive coal from Rocky Creek Coal Processing Facility. The site description is cited as Lot 2 DP 1658 and the Railway Reserve. Condition 1.2 specifies that the consent holder shall comply with the site plan marked 'B'. A copy of this Plan was not included along with the resource consent. However, the site subject to the resource consent can be identified by the legal descriptions given. Aerial imaging has been sourced and provided as **Appendix 6** which identifies the boundary of the subject site based on the legal description. See **Figure 3** below for an approximation of the subject site (outlined in orange) in relation to the notified MINZ at Paparoa Coal Field. This resource consent was granted on 29 September 2017 and will lapse on 21 December 2033.

4.2 West Coast Regional Council

4.2.1 RC03105 (Rajah Block, Roa Coal Mine)

This resource consent grants land use consent, four water permits, and three discharge permits in relation to the use of the Settling Ponds. The site was identified as the approximate area covered by CML 34056 which expired on 27 March 2012 (discussed below) and so the site boundary was not able to be obtained from the NZPM GIS database for Mineral Permits. The site was located at the western end of Paparoa Road, west of Blackball. This resource consent was granted on 26 July 2005 and the Water Permits and Discharge Permits have a term of 35 years while the Land Use Consent (to disturb the bed of Braeton Creek and an unnamed tributary) had a term of 1 year. No map or site plan or map was provided so this area was not able to be identified in relation to the notified MINZ at Paparoa Coal Field.

4.2.2 RC07102 (Roa Coal Mine)

This resource consent grants two land use consents to undertake vegetation clearance and earthworks associated with track formation, portal construction, and subsidence surveying monitoring and for tunnelling associated with underground coal mining on MP 41793 at Roa Coal Mine. This resource consent commenced on 24 November 2008 and has a duration of 35 years. Condition 14.1 refers to MP 41793 as the boundary that the effects of the mining activities must not extend over. The site plan provided with the resource consent was titled 'Aerial Site Plan: RC07102' (**Appendix 7**) and maps a part of the extent of MP 41793 but did not clearly confirm the full extent of the consented area. As such the subject site of RC07102 was not able to be determined.

4.2.3 RC08067 (Blackball Quarry)

This resource consent grants a land use consent to undertake earthworks associated with quarrying activities at Blackball within MP 50851. The resource consent was issued on 01 February 2010 and has a term of 35 years. Condition 10 specifies that the boundary for the activities is outlined in yellow on the documents titled "RC08067, Blackball Quarry". This document was not provided; however, Council have provided a copy of a plan from the Annual Work Programme titled 'Blackball Quarry MP50851' (**Appendix 8**) which outlines the extent of the mine site. See **Figure 3** below for an approximation of the subject site (outlined in light green) in relation to the notified MINZ at Paparoa Coal Field.

4.2.4 RC08201 (Roa Coal Mine)

This resource consent grants a land use consent to undertake vegetation clearance and earthworks in Erosion Prone Area Two land associated with track formation at Roa Coal Mine. Condition 5 specifies that the Consent Holder shall only undertake activities associated with the track formation and portal development within the yellow marked area on the attached aerial plan titled "RC08201 Jay Creek Road Consent Area Plan" (**Appendix 9**). This resource consent commenced on 23 March 2009 and has a duration of 35 years. See **Figure 3** below for an approximation of the three subject sites (outlined in light blue) in relation to the notified MINZ for Paparoa Coal Field.

4.2.5 RC10186 (Roa Coal Mine)

This resource consent grants a land use consent to undertake vegetation clearance and earthworks associated with an underground coal mining operation on MP 52868 at Roa Coal Mine. Conditions 13.1 and 13.6 refer to the boundary of MP 52868 as forming the area mining activities can be undertaken. An aerial image was provided with the resource consent which shows the extent of MP 52868 (**Appendix 10**). This resource consent commenced on 05 November 2010 and has a duration of 35 years. See **Figure 3** below for an approximation of the subject site (outlined in dark blue) in relation to the notified MINZ at Paparoa Coal Field.

4.2.6 RC10194 (Roa Coal Mine)

This resource consent grants a land use consent and discharge permit in relation to activities associated with an opencast coal mine at Roa Coal Mine. Condition 1.3 specifies that mining and associated activities under this consent shall be undertaken within the boundary of the consent area as shown on the attached aerial plan titled "RC10194 Waterfall Creek Opencast, Consent Area Plan" (**Appendix 11**). This resource consent commenced on 19 November 2010 and has a duration

of 35 years. See **Figure 3** below for an approximation of the subject site (outlined in yellow) in relation to the notified MINZ at Paparoa Coal Field.

4.2.7 RC11143 (Roa Coal Mine)

This resource consent grants a land use consent to undertake vegetation clearance and earthworks in relation to opportunistic opencast mining of coal at Roa Coal Mine. Condition 5 specifies that the Consent Holder shall only undertake opportunistic open cast mining activities in the general vicinity of the Jay Creek Road within the area identified as MP 41793 on the attached aerial plan titled “RC11143 Area for Open Cast Mining, Roa Mine” (**Appendix 12**). This resource consent commenced on 08 September 2011 and has a duration of 35 years. The subject site for the location along Jay Creek Road falls within the southernmost site consented under RC08201 (discussed above) and outlined in light blue in **Figure 3** below.

4.2.8 RC12062 (Roa Coal Mine)

This resource consent grants a land use consent to undertake vegetation clearance and earthworks in relation to opportunistic opencast mining of coal at Roa Coal Mine. Condition 5 specifies that the Consent Holder shall only undertake opportunistic opencast mining activities within the area identified as MP 41793 on the attached aerial plan titled “RC12062 Area for Opencast Mining, Roa Mine” (**Appendix 13**). This resource consent commenced on 16 April 2012 and has a duration of 35 years. See **Figure 3** below for an approximation of the subject site (outlined in pink) in relation to the notified MINZ at Paparoa Coal Field.

4.2.9 RC-2014-0013 (Roa Coal Mine)

This resource consent grants a land use consent, water permit, and discharge permit associated with underground coal mining within MP 56140 at Roa Mine. Condition 12.2, 14.1, and 14.4 of the resource consent cite the extent of MP 56140 as the boundary for mining activities and effects. A map is provided with the resource consent outlining the boundaries of MP 56140 (**Appendix 14**). This resource consent commenced on 11 March 2014 and has a duration of 40 years or on the expiry or surrender of MP 56140. A search on the NZPM GIS database for Mineral Permits shows that MP 56140 is currently active as a mining permit and has an expiration of 22 October 2034. See **Figure 3** below for an approximation of the subject site (outlined in green) in relation to the notified MINZ at Paparoa Coal Field.

4.2.10 RC-2014-0031 (Strongman)

This resource consent grants two land use consents, two water permits, and five discharge permits associated with opencast coal mining at Strongman Mine. Condition 10.3 of the resource consent specifies that mining activities must be within the boundary of the consented area as shown in red on the attached topographic map titled ‘Kimbell Opencast Pit Outline and Access’ (**Appendix 15**). This resource consent commenced on 28 April 2014 and has a duration of 35 years or on the expiry or surrender of MP 41225. A search on the NZPM GIS database for Mineral Permits shows that MP 41225 is currently active as a mining permit and has an expiration of 12 July 2054. See **Figure 3** below for an approximation of the subject site (outlined in dark purple) in relation to the notified MINZ for Paparoa Coal Field.

4.2.11 RC-2014-0051 (Rajah Block, Roa Coal Mine)

This resource consent grants two land use consents, three water permits, and two discharge permits relating to the deposition of waste rock and water diversion at Rajah Underground Mine at Roa Mine. Condition 10 specifies that the location and footprint area of the waste rock engineered landform and riverbed disturbance shall be in accordance with the attached plan titled “RC-2014-0051 Location of Waste Rock Landform and Diversion Channels” (**Appendix 16**). This resource consent commenced on 22 July 2014 and has a duration of 35 years from the date of commencement. The subject site for the location of the waste rock landform and diversion channels falls within the most northern area consented under RC08201 (discussed above) and is outlined in light blue in **Figure 3** below.

4.2.12 RC-2014-0109 (Rajah Block, Roa Coal Mine)

This resource consent grants two land use consents, three water permits, and two discharge permits in relation to earthworks and diversion channels within Rajah Block at Roa Mine. Condition 11.4 specifies that the location and footprint area of the waste rock engineered landform shall be in accordance with the attached plan titled “RC-2014-0109 Location of Pit 3, Harry Waste Rock Landform and Diversion Channels” (**Appendix 17**). This resource consent commenced on 13 August 2014 and has a duration of 35 years. The subject site for the location of the waste rock landform and diversion channels falls within the northernmost area consented under RC08201 (discussed above) and is outlined in light blue in **Figure 3** below.

4.2.13 RC-2014-0123 (Rajah Block, Roa Coal Mine)

This resource consent grants two land use consents, three water permits, and two discharge permits in relation to earthworks and diversion channels within Rajah Block at Roa Mine. Condition 11.4 specifies that the location and footprint area of the waste rock engineered landform and diversions shall be in accordance with the attached plan titled “Rajah Mine, Otto Landform” (**Appendix 18**). The subject site for the location of the waste rock landform and diversion channels falls within the northernmost area consented under RC08201 (discussed above) and is outlined in light blue in **Figure 3** below.

4.2.14 RC2016-0110 (Rajah Block, Roa Coal Mine)

This resource consent grants two land use consents, three water permits and two discharge permits in relation to earthworks and diversion channels within Rajah Pit at Roa Mine. Condition 11.4 specifies that the location and footprint area of Rajah Pit and diversions shall be in accordance with the attached plan titled “RC-2016-0110-V3 Location of Rajah Pit” (**Appendix 19**). This resource consent commenced on 17 October 2016 and has a duration of 35 years. The subject site for the location of the waste rock landform and diversion channels falls within the northernmost area consented under RC08201 (discussed above) and is outlined in light blue in **Figure 3** below.

4.2.15 RC2016-0111 (Rajah Block, Roa Coal Mine)

This resource consent grants two land use consents, three water permits and two discharge permits in relation to earthworks and diversion channels within Ford Creek Engineered Landform (ELF) at Roa Mine. Condition 10 specifies that the location and footprint area of the waste rock engineered landform shall be in accordance with the attached plan titled “RC-2016-0111 Location of Waste Rock Landform” (**Appendix 20**). This resource consent commenced on 17 October 2016 and has a

duration of 35 years. The subject site for the location of the waste rock landform and diversion channels falls within the area consented under RC08201 (discussed above) and is outlined in light blue in **Figure 3** below.

4.2.16 RC2019-0111

This resource consent grants two discharge permits in relation to the truck wash at Roa Mine. Condition 8 specifies that only water containing sediment from the truck wash shall be discharged to the settling pond system in accordance with the attached diagram titled “Schematic of Truck Wash Discharge” (**Appendix 21**). This resource consent commenced on 24 January 2020 and has a duration of 35 years. See **Figure 3** below for an approximation of the subject site (outlined in peach) in relation to the notified MINZ at Paparoa Coal Field.

4.3 Schedule 9 of the proposed Te Tai o Poutini Plan

It is noted that Schedule 9 of the proposed Te Tai o Poutini Plan, which identified lawfully established mineral extraction and processing areas by listing the authorisation mechanism that permitted the activity, identified the following Coal Mining License and Resource Consents in relation to the notified MINZ for Paparoa:

- **CML 37159:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Strongman Mine at Rapahoe is authorised as a Coal Mine under CLM 37159. A copy of this License was not provided by either Council. West Coast Regional Council have advised that they were not able to locate copies of the CML documents or maps as they are relatively old and not in the electronic filing system. They advised that NZPM may hold a copy. A search on the NZPM GIS database for Mineral Permits shows that CML 37159 is currently active as Mining Licence which commenced on 01 April 1987 and has an expiry of 31 March 2027. It is currently owned by Birchfield Coal Mines Limited. Aerial imagery obtained from the NZPM GIS database for Mineral Permits showing the area encompassed by CML 37159 has been provided as **Appendix 22**. The West Coast Regional Council were able to provide a copy of an Annual Work Programme (**AWP**) relating to Strongman Opencast Mine that was prepared for the 2024-2025 period. This document includes a map that outlines an area identified as CML 37159 (**Appendix 23**). See **Figure 3** below for an approximation of the subject site with the CML outlined in grey in relation to the notified MINZ at Paparoa.
- **ACML 37159-01:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the access road and associated infrastructure for Strongman Mine at Rapahoe is authorised as an under ACLM 37159-01. A copy of this ACML was not provided by either Council. A search on the NZPM GIS database for Mineral Permits shows that CML 37159-01 is currently active as Mining Licence which commenced on 01 April 1987 and has an expiry of 31 March 2027. It is currently owned by Birchfield Coal Mines Limited. Aerial imagery obtained from the NZPM GIS database for Mineral Permits showing the area encompassed by CML 37159-01 has been provided as **Appendix 24**. As discussed above, the West Coast Regional Council were able to provide a copy of the AWP for Strongman Opencast Mine that was prepared for the 2024-2025 period. This document also includes a map that outlines an area identified as ACML 37159-1 (**Appendix 23**). See **Figure 3** below for an approximation of the ACML outlined in dark grey in relation to the notified MINZ at Paparoa.

- **ACML 37159-02:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Rapahoe Coal Yard is authorised under ACLM 37159-02. A copy of this ACML was not provided by either Council. A search on the NZPM GIS database for Mineral Permits shows that CML 37159-02 is currently active as Mining Licence which commenced on 01 April 1987 and has an expiry of 31 March 2027. It is currently owned by Birchfield Coal Mines Limited. Aerial imagery obtained from the NZPM GIS database for Mineral Permits showing the area encompassed by CML 37159-02 has been provided as **Appendix 25**. See **Figure 3** below for an approximation of the ACML outlined in light yellow in relation to the notified MINZ at Paparoa.
- **CML 37168:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Roa Mine and Rajah Mine at Blackball are authorised mine sites under CLM 37168. A copy of this CML was not provided by either Council. A search on the NZPM GIS database for Mineral Permits shows that CML 37168 is currently active as Mining Licence which commenced on 14 December 1994 and has an expiry of 13 December 2034. It is currently owned by Roa Mining Company Limited. Aerial imagery obtained from the NZPM GIS database for Mineral Permits showing the area encompassed by CML 37168 has been provided as **Appendix 26**. West Coast Regional Council were able to provide a copy of maps from an AWP that was prepared for the 2009-2010 period. This document also includes a map that outlines an area identified as CML 37168 (**Appendix 27**) which is consistent with the mapping on the NZPM GIS database for Mineral Permits. See **Figure 3** below for an approximation of the CML outlined in black in relation to the notified MINZ at Paparoa.
- **CML 34056 and ACML 34056-01:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Roa Mine and Rajah Mine at Blackball are also authorised mine sites under CML 34056 and ACML 34056-01. West Coast Council provided a copy of the Notice of Expiry for this CML and ACML citing the expiry as 27 March 2012. As such CML 34056 and ACML 34056-01 can no longer provide that a mineral extraction and processing activity is authorised within these sites.
- **CML 34066:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Roa Mine and Rajah Mine at Blackball are also authorised mine sites under CML 34066. West Coast Council provided a copy of the Notice of Expiry for this CML citing the expiry as 27 March 2012. As such CML 34066 can no longer provide that a mineral extraction and processing activity is authorised within this site.
- **RC07102, RC RC10186, RC11143, RC12062, RC03105, RC08201, RC10194, and RC-2019-0111:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Roa Mine is also authorised by these Regional Resource Consents. Copies of these were provided by the West Coast Regional Council and discussed above in relation to the notified MINZ at Paparoa.
- **RC11143, RC12062, RC08201, RC10194, RC2014-0013, RC2014-0051, RC2014-0109, RC2014-0123, RC2016-0110, and RC2016-0111:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Rajah Mine is also authorised as a mine site by these Regional Resource Consents. Copies of these were provided by the West Coast Regional Council and discussed above in relation to the notified MINZ area for Paparoa
- **LU2528/15 and LU2502/15:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Rajah Mine is also authorised as a mine site by District Consents LU2528/15 and LU2502/15. Copies of these documents were provided by Grey District Council at request. Both resource consents relate to the storage of explosive material within land identified as RS

4902. The site plans accompanying the resource consents show that the location for the storage area is within the northernmost area consented under RC08201 (discussed above) and outlined in light blue in **Figure 3** below. A copy of the site plans for LU2528/15 and LU2502/15 are provided at **Appendix 28 and 29** respectively.

- **LUC2243/11:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Strong Man East Mine is authorised as an opencast coal mine under LUC2243/11. A copy of this was provided by the Grey District Council and discussed above in relation to the notified MINZ area for Paparoa.
- **LUC2654/99, LUC2648/17, and LUC2696/17:** Schedule 9 of the proposed Te Tai o Poutini Plan cited that the area identified as Rocky Creek Coal Washery is authorised as a coal storage and handling facility by District Consents LUC2654/99, LUC2648/17 and LUC2696/17. A copy of LUC2648/17 and LUC2696/17 were provided by Grey District Council and discussed above. No copy of LUC2654/99 was received.

4.4 Summary

Based on an assessment of the available information, the authorisation mechanisms provided confirm that some areas within the notified MINZ have authorisation to operate a mining activity (**Figure 3** below). A full copy of the map depicting the sites with authorisation to operate a mining activity in relation to MINZ at Paparoa is provided at **Appendix 30**.

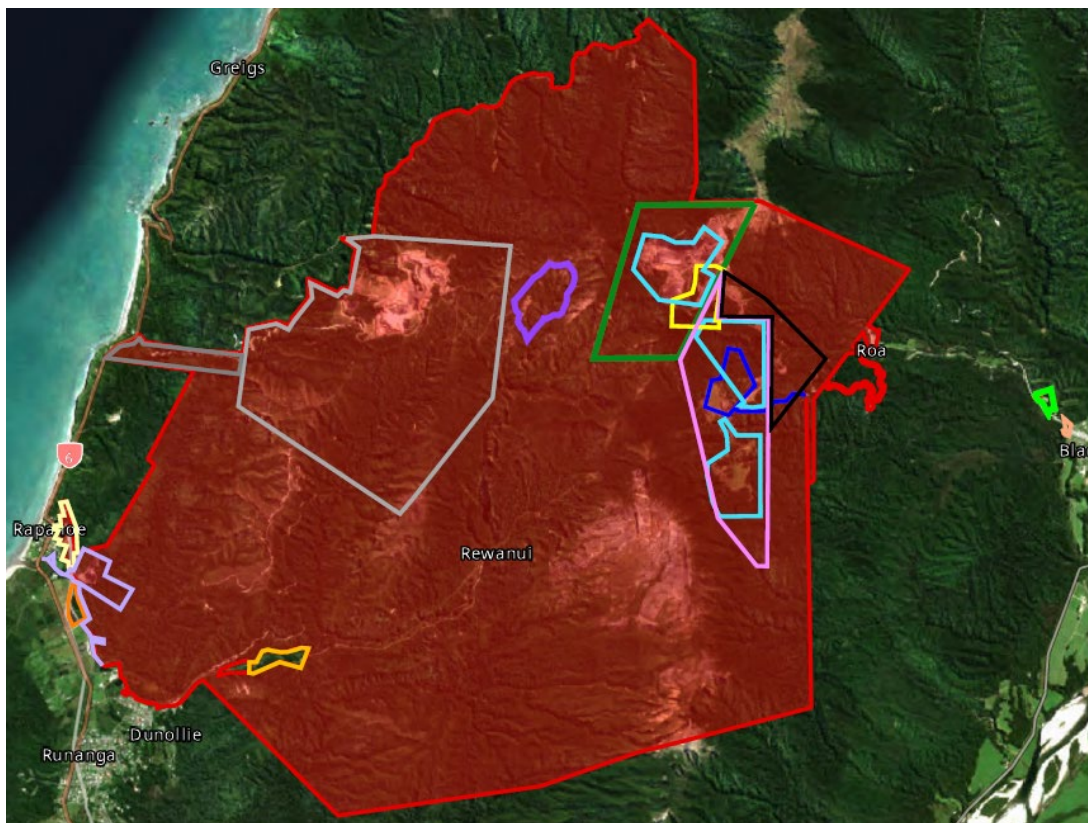


Figure 3: Map of Authorised Mining Activities in Relation to MINZ. The full map at Appendix 30

5.0 Recommendation

The additional information provided by the Resource Consents, Coal Mining Licences and Ancillary Coal Mining Licenses listed above identifies areas within and adjacent to the notified MINZ at Paparoa that have authorisation to operate a mining activity.

As no copies of current Coal Mining Licence, Ancillary Coal Mining Licence or resource consent have been received to confirm that the remaining land within the notified MINZ at Paparoa has authorisation to operate a mining activity, the following recommendation is made.

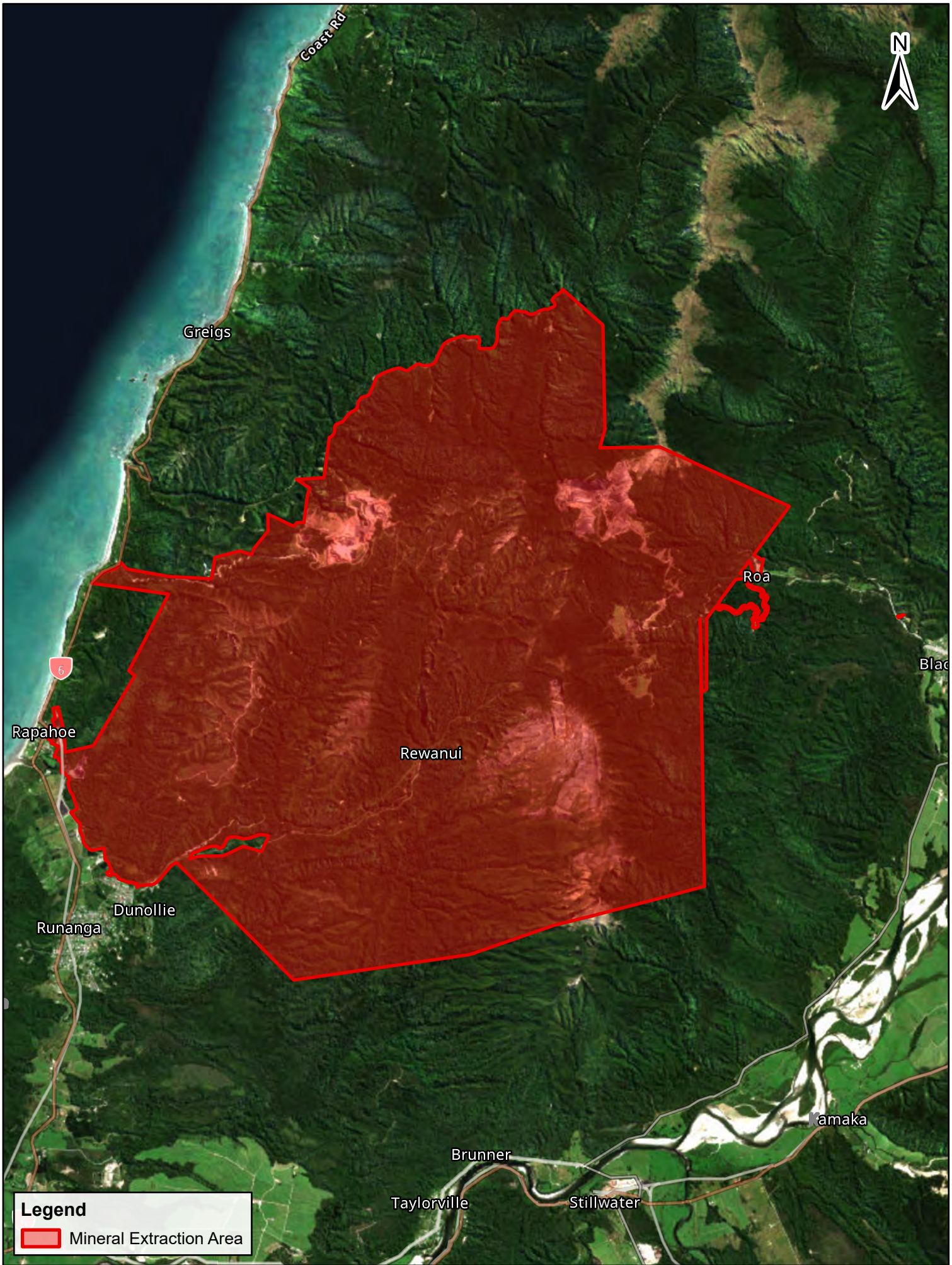
It is recommended that the notified MINZ at Paparoa Coal Field is **reduced**, as outlined in **Figure 3** above and **Appendix 30**, to only include the areas subject to the existing resource consents, CML and ACML provided and discussed above.

Appendix 1

Notified MINZ Area



Urban & Environmental



Legend

Mineral Extraction Area

The Property Group

Contains data sourced from LINZ Data Service licenced for reuse under CC BY 4.0, including imagery and property boundaries.
 Property boundaries accuracy: +/-1m in urban areas, +/-30m in rural areas.
 Datum: NZGD 2000
 Coordinate System: NZGD 2000 New Zealand Transverse Mercator
 This map was produced with ArcGIS Pro (Esri).

PREPARED BY	Conor McIntosh	DATE	12/04/2024	SHEET	1 OF 1	TPG REF	718509	A4 Scale	1:73,000	0	1,000 Metres
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Mineral Extraction Area
 Paparoa Coal Field - Rajah, Roa &

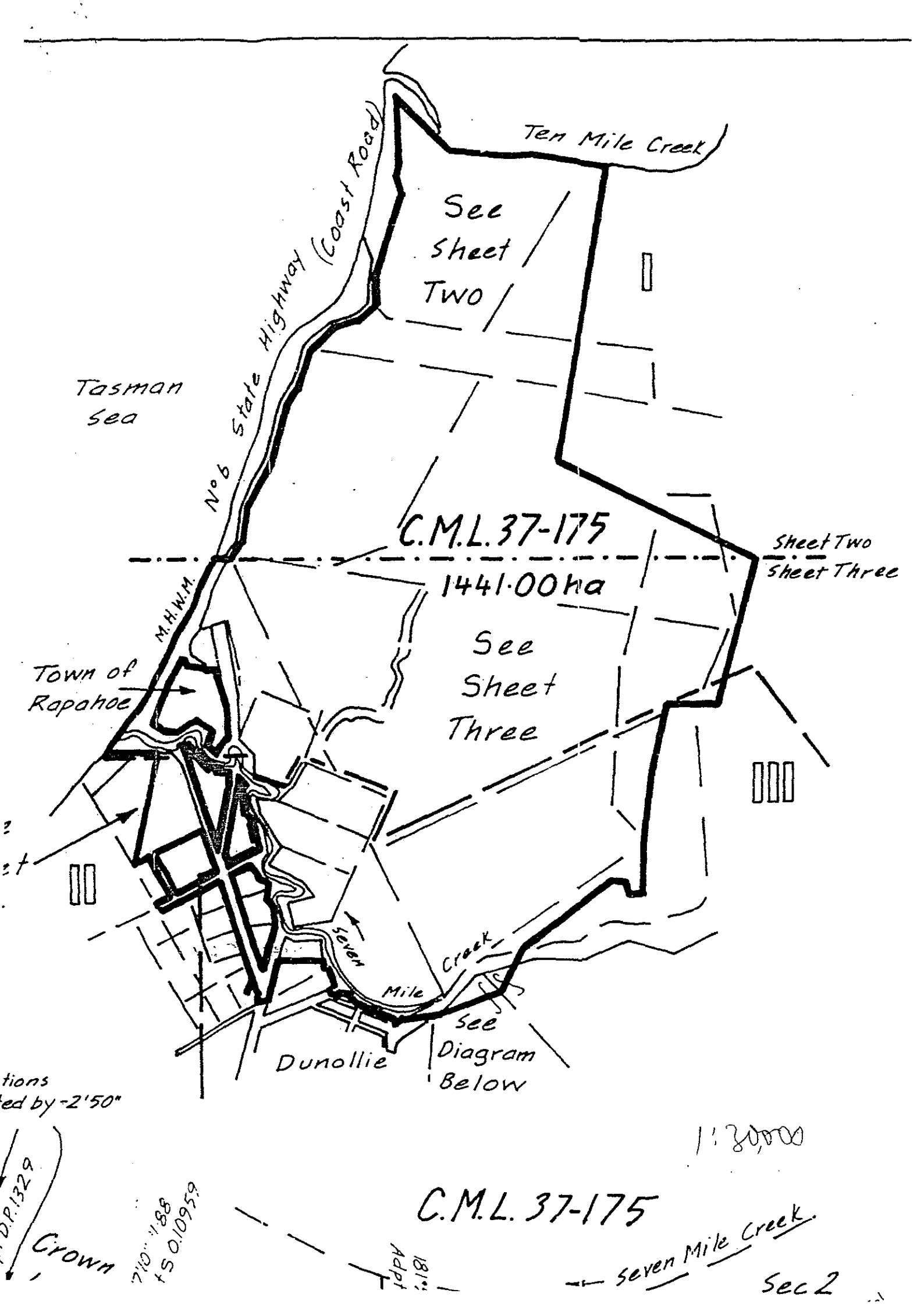
Te Tai o Poutini PLAN
 A combined district plan for the West Coast

Appendix 2

CML37175 Map



Urban & Environmental



Ten Mile Creek

See Sheet /
Two /

Tasman sea

No 6 State Highway (Coast Road)

C.M.L. 37-175

Sheet Two
Sheet Three

1441.00ha

See
Sheet
Three

Town of
Rapahoe

M.H.W.M.

Seven
Mile
Creek

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See
Diagram
Below

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C.M.L. 37-175

Seven Mile Creek

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Appendix 3

LUN 326-97 Aerial Maps



Urban & Environmental

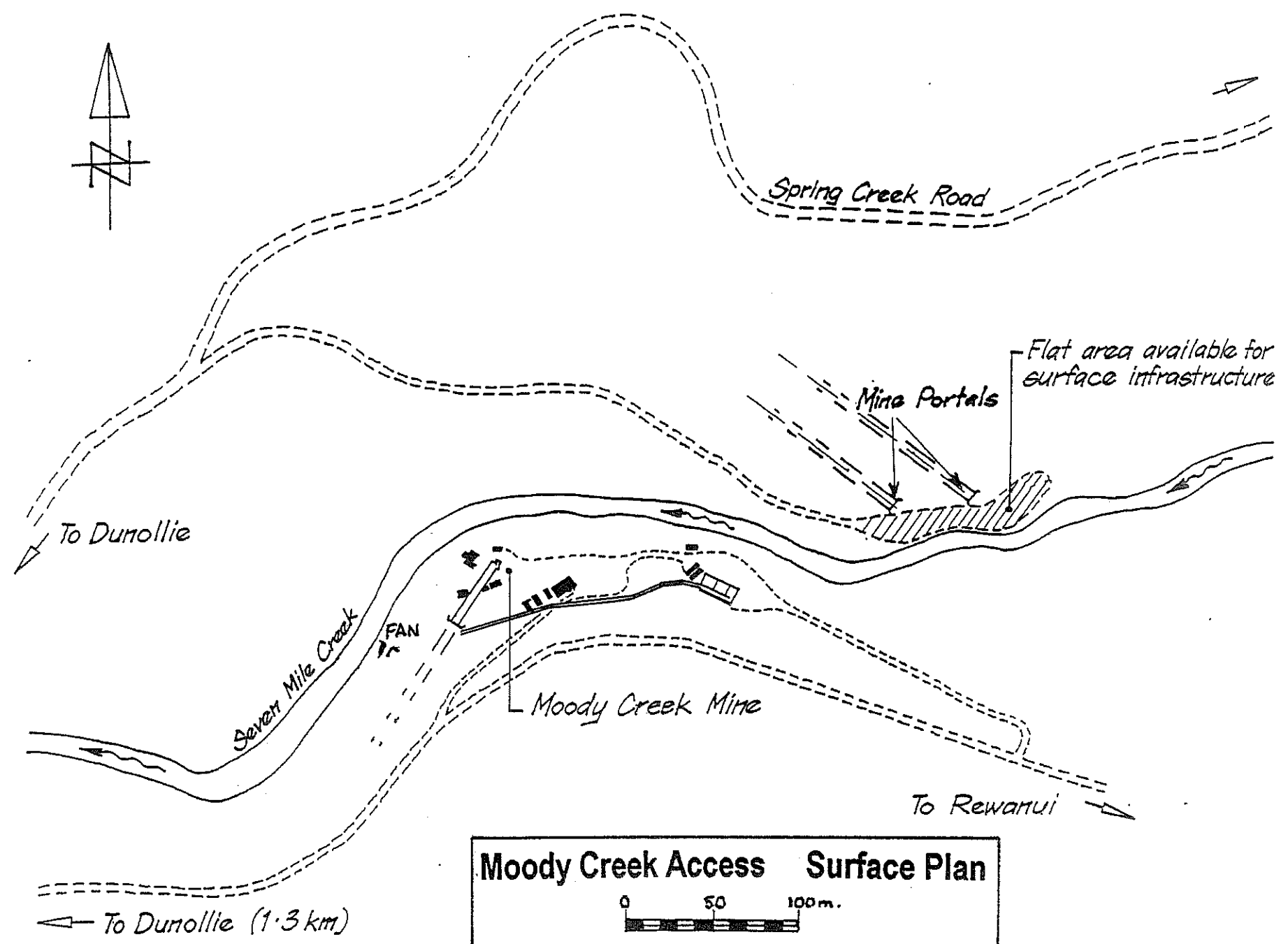


Fig.6.1

Moody Creek Access Surface Plan
0 50 100m.

MOODY CREEK

SEVEN MILE CREEK

SMALL LANDFILL

MAIN ENTRANCE/
CONVEYOR

EXISTING BIN (TO
BE UPGRADED)

BRIDGE STRUCTURE
(TRUCK TURNAROUND)

VENTILATION FAN

GREYMOUTH COAL OPERATING LIMITED
PROPOSED SURFACE LAYOUT
AT EASTERN (MOODY CREEK) AREA

Appendix 4

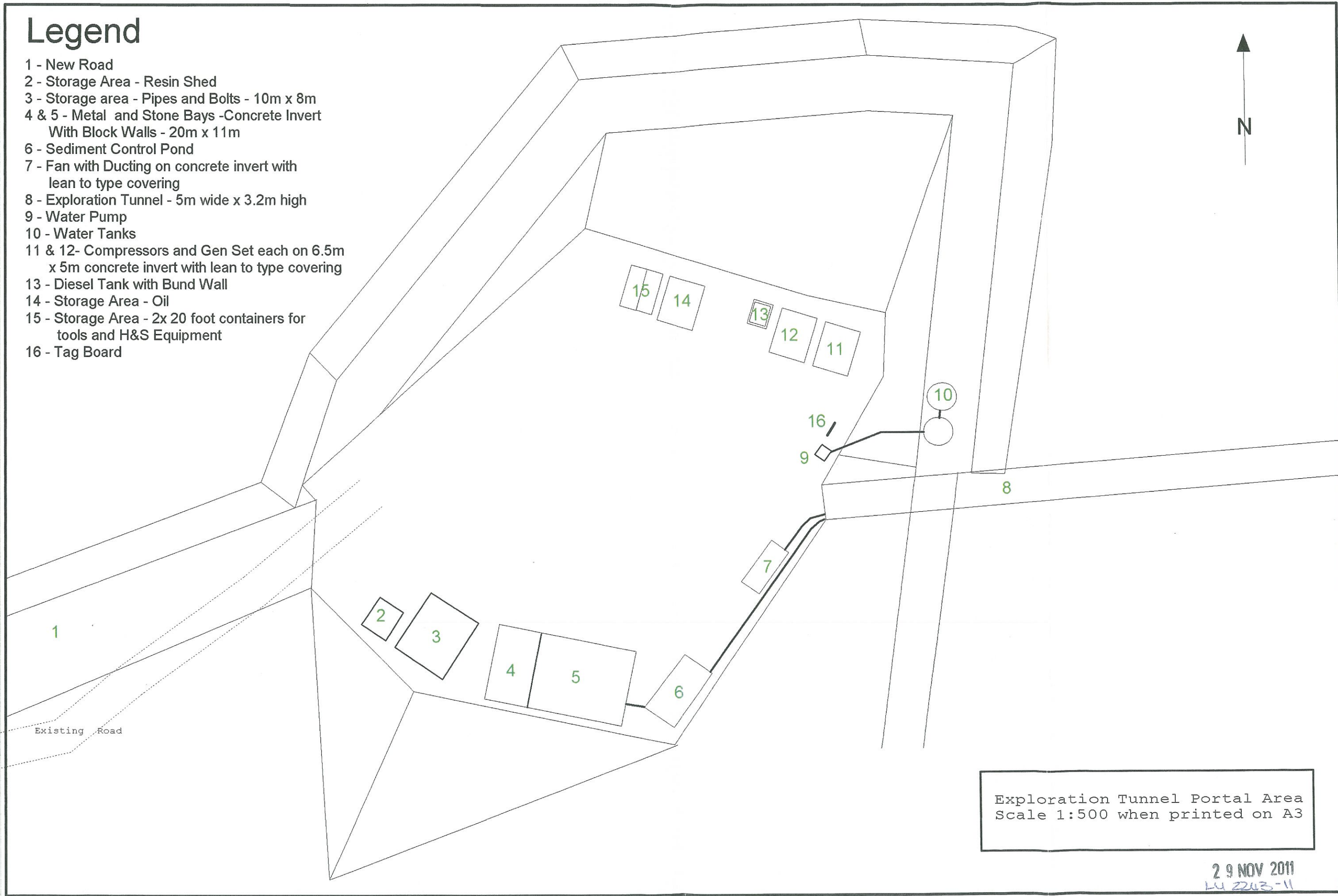
LU2243-11 Plan



Urban & Environmental

Legend

- 1 - New Road
- 2 - Storage Area - Resin Shed
- 3 - Storage area - Pipes and Bolts - 10m x 8m
- 4 & 5 - Metal and Stone Bays -Concrete Invert
With Block Walls - 20m x 11m
- 6 - Sediment Control Pond
- 7 - Fan with Ducting on concrete invert with
lean to type covering
- 8 - Exploration Tunnel - 5m wide x 3.2m high
- 9 - Water Pump
- 10 - Water Tanks
- 11 & 12- Compressors and Gen Set each on 6.5m
x 5m concrete invert with lean to type covering
- 13 - Diesel Tank with Bund Wall
- 14 - Storage Area - Oil
- 15 - Storage Area - 2x 20 foot containers for
tools and H&S Equipment
- 16 - Tag Board



Exploration Tunnel Portal Area
Scale 1:500 when printed on A3

29 NOV 2011
LU 2243-11
Resource Consent Receiver

-698371

-698300

-698300



Appendix 5

LU2648-17 – Area of Legal Description



Urban & Environmental



Figure 1: Locality of is RS 6589, LINZ Parcel 3702386, LINZ Parcel 6717263, SECT 1 SO12474 and LINZ Parcel 369048. Source Emaps

Appendix 6

LU2696-17 – Area of Legal Description



Urban & Environmental



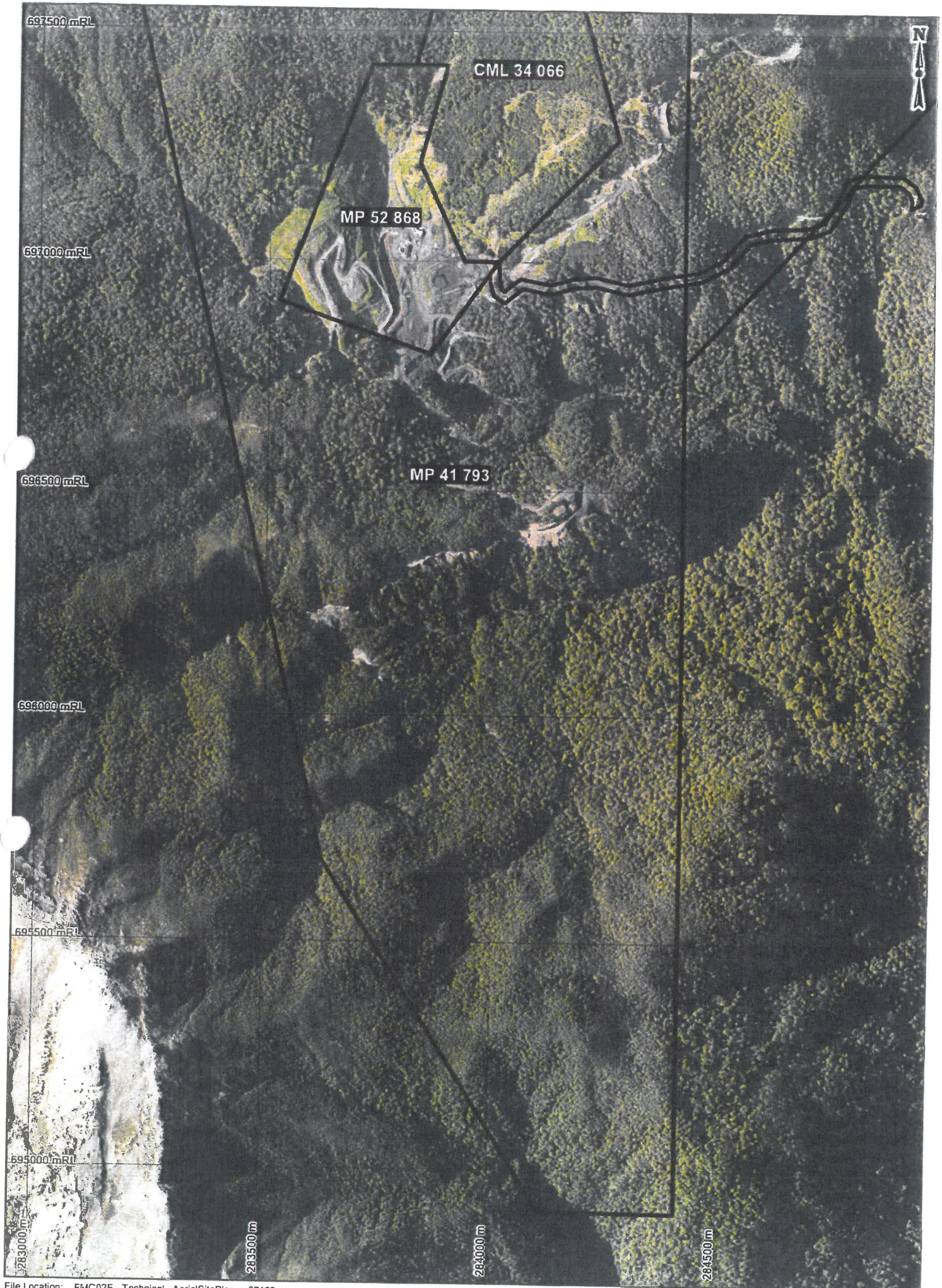
Figure 1: Locality of Lot 2 DP 1658 and the Railway Reserve. Source Emaps

Appendix 7

RC07102 Aerial



Urban & Environmental



File Location: ...FMC02E - Technical...AerialSitePlan_rc07102.wor
 Aerial photography dated 26 November 2010
 28 June 2011

AERIAL SITE PLAN : RC07102



Scale 1:1000 (A4)
 Projection: Grey Circuit
 Datum: NZGD 1949

Appendix 8

RC08067 Map



Urban & Environmental



0 10 20 30
Metres

Scale: 1:575
 Projection: Transverse Mercator
 Datum: NZGD 2000
 Created: 28/03/2014
 Printed: 31/03/2014

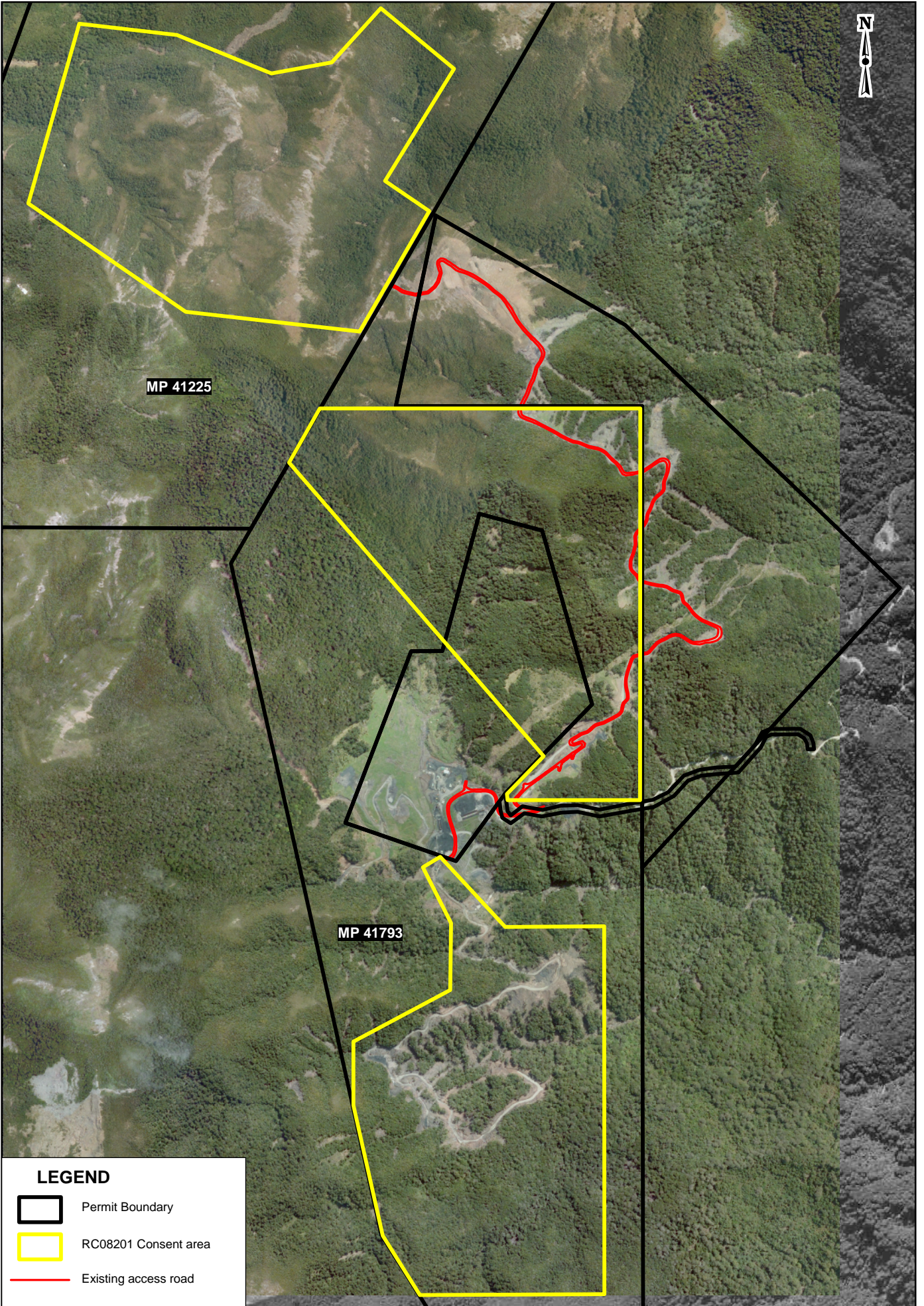
Blackball Quarry MP50851

Appendix 9

RC08201 Map






Urban & Environmental



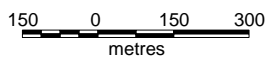
MP 41225

MP 41793

LEGEND

-  Permit Boundary
-  RC08201 Consent area
-  Existing access road

File ref: \workspaces\RC08201ext_June2022.wor
14 June 2022



Scale 1:15 000 (A4)
Projection: Grey Circuit (NZGD1949)

RC08201 JAY CREEK ROAD

Consent Area Plan

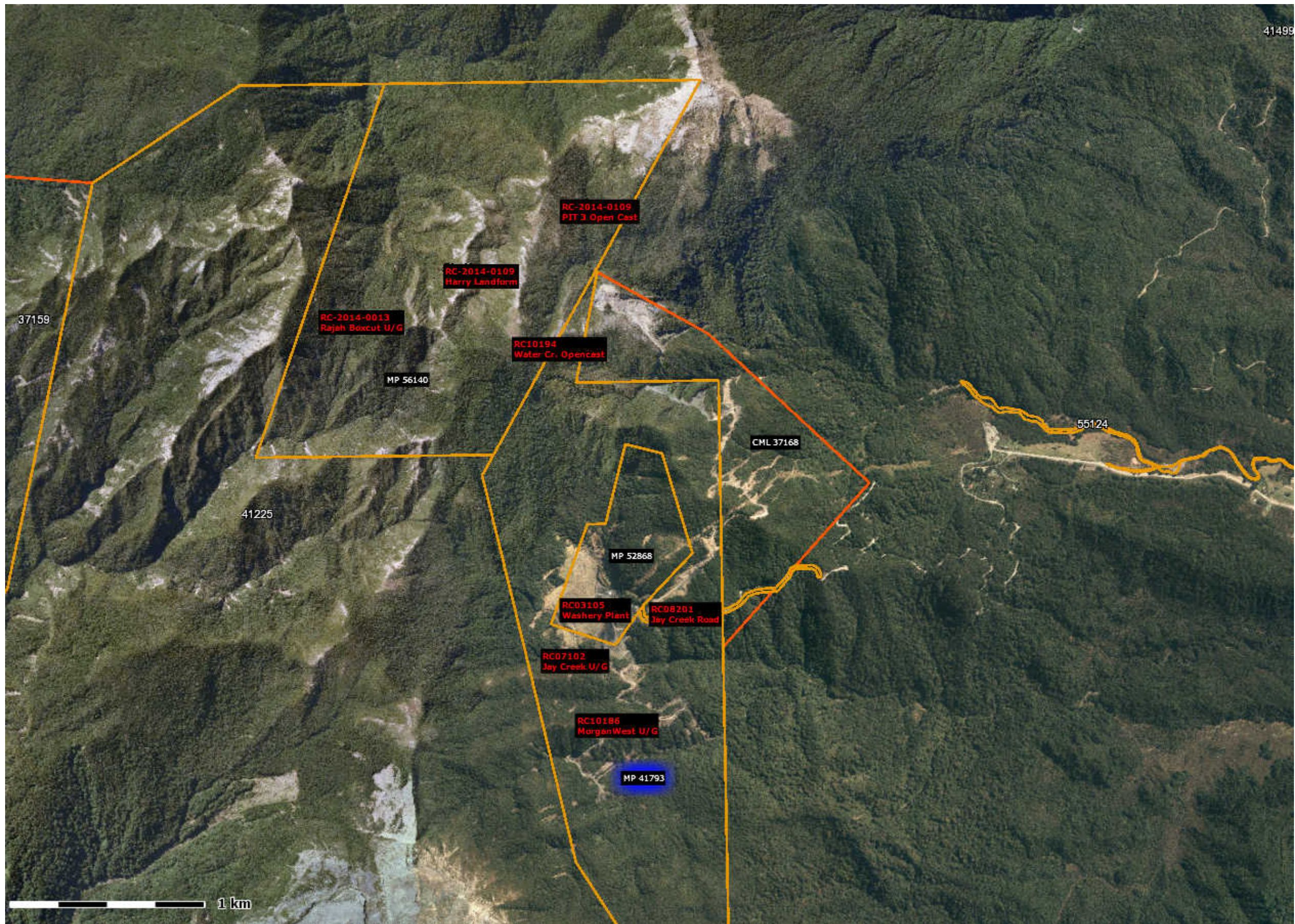


Appendix 10

RC10186 Map

B&A

Urban & Environmental

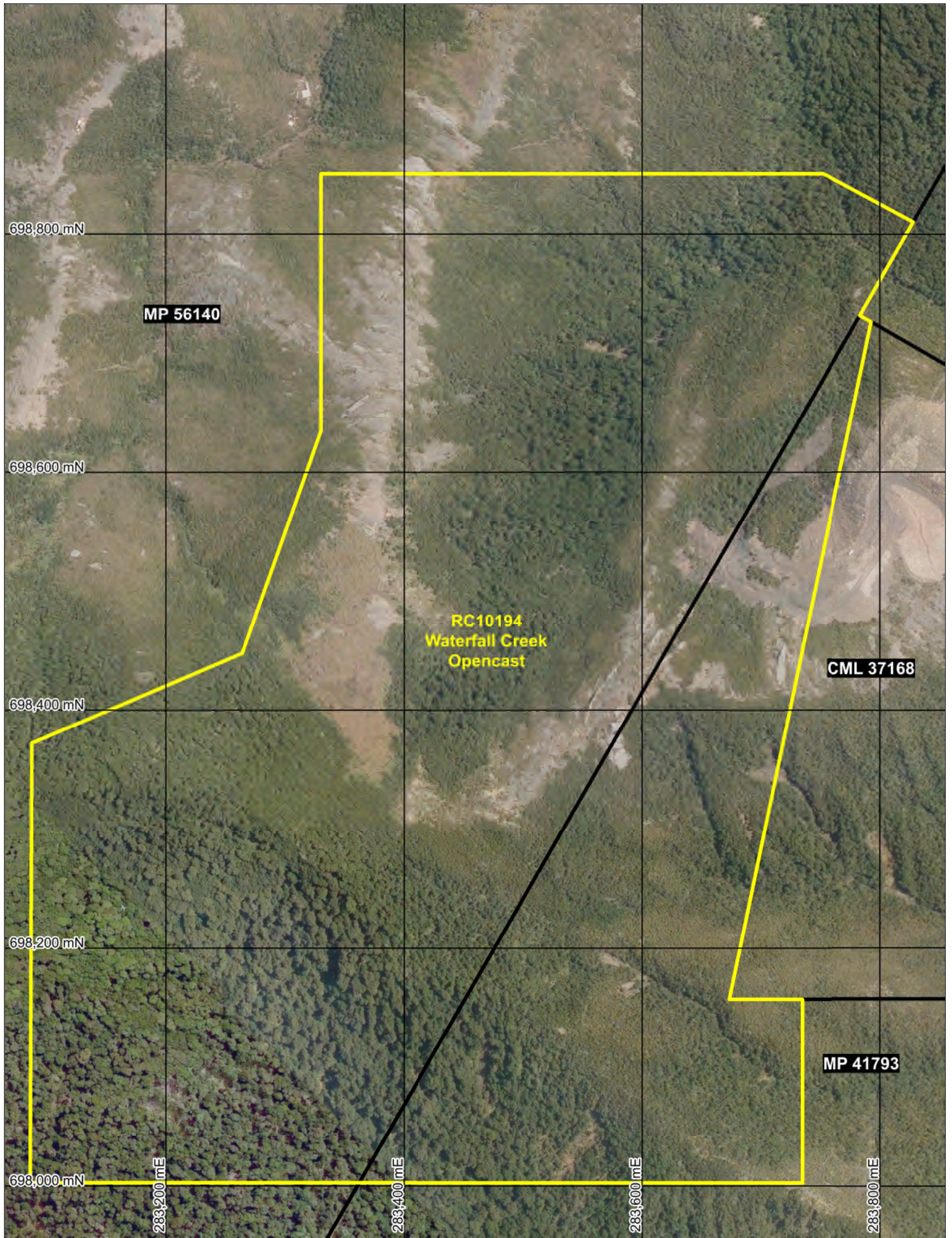


Appendix 11

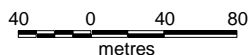
RC10194 Map

B&A

Urban & Environmental



File: \Rajah\Waterfall\PitV6_RC10194_APP.wor
3 December 2021



Scale 1:4000 (A4)
Projection: Grey Circuit
NZGD1949

RC10194 WATERFALL CREEK OPENCAST

Consent Area Plan



Appendix 12

RC11143 Map

B&A

Urban & Environmental

RC11143 Area for Open Cast Mining, Roa Mine

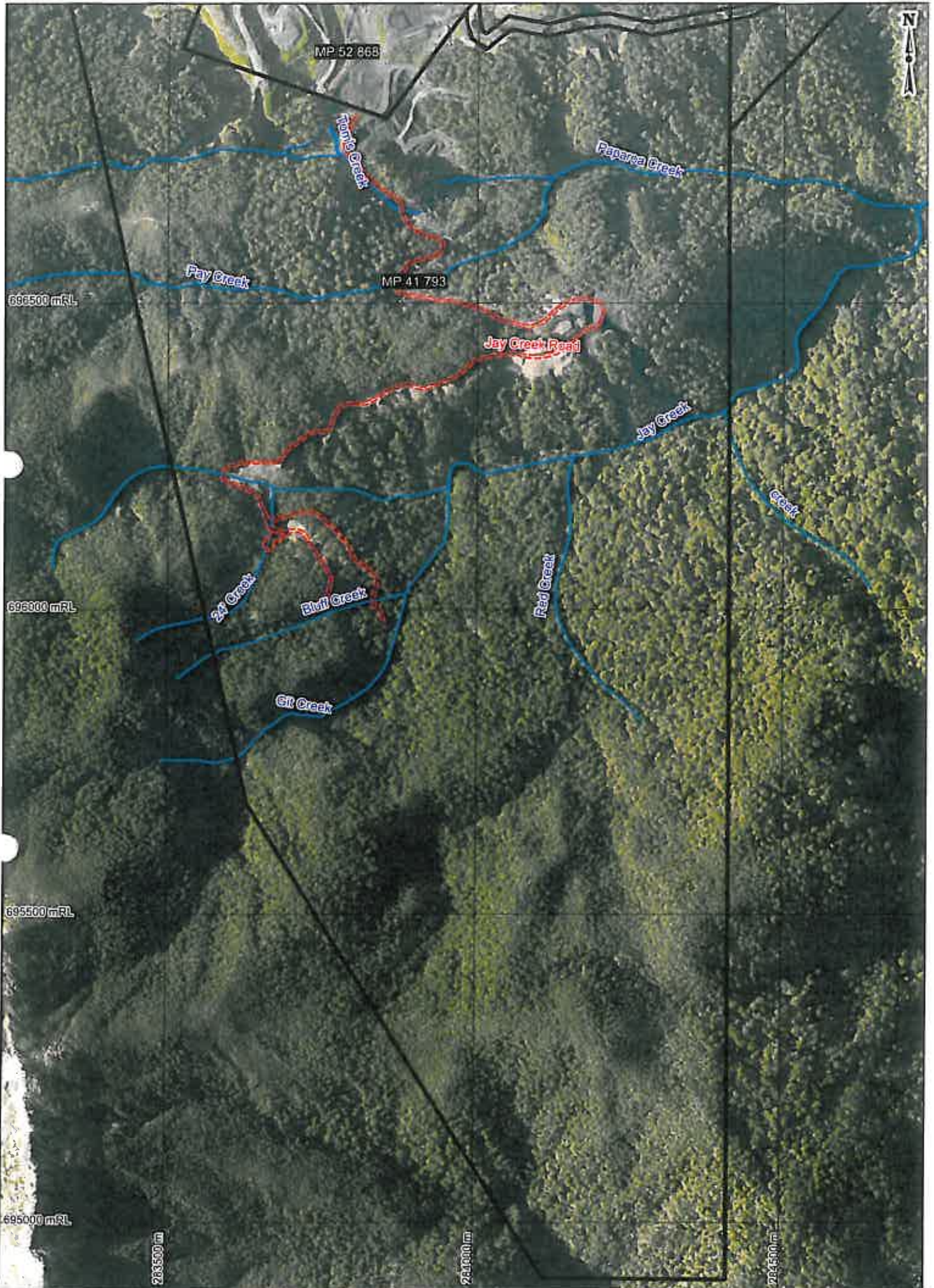


FIGURE 1: OPENCAST SITE, MP41793

50 0 50 100
metres

Scale 1:7500 (A4)
Projection: Grey Circuit
Datum: NZGD1949

File Location: ..FMC02E - Technical...JayCreekOpencast wor

Aerial photography dated 26 November 2010

July 2011

Note: Jay Creek mine road shows development to May 2011 Further development to occur

Version: 1, Version Date: 04/08/2011

Appendix 13

RC12062 Map

B&A

Urban & Environmental

RC12062 Area for Opencast Mining, Roa Mine



File ref. MP41793_opencast.wor
Aerial photography dated 26 November 2010

RESOURCE CONSENT APPLICATION SITE - MP 41793

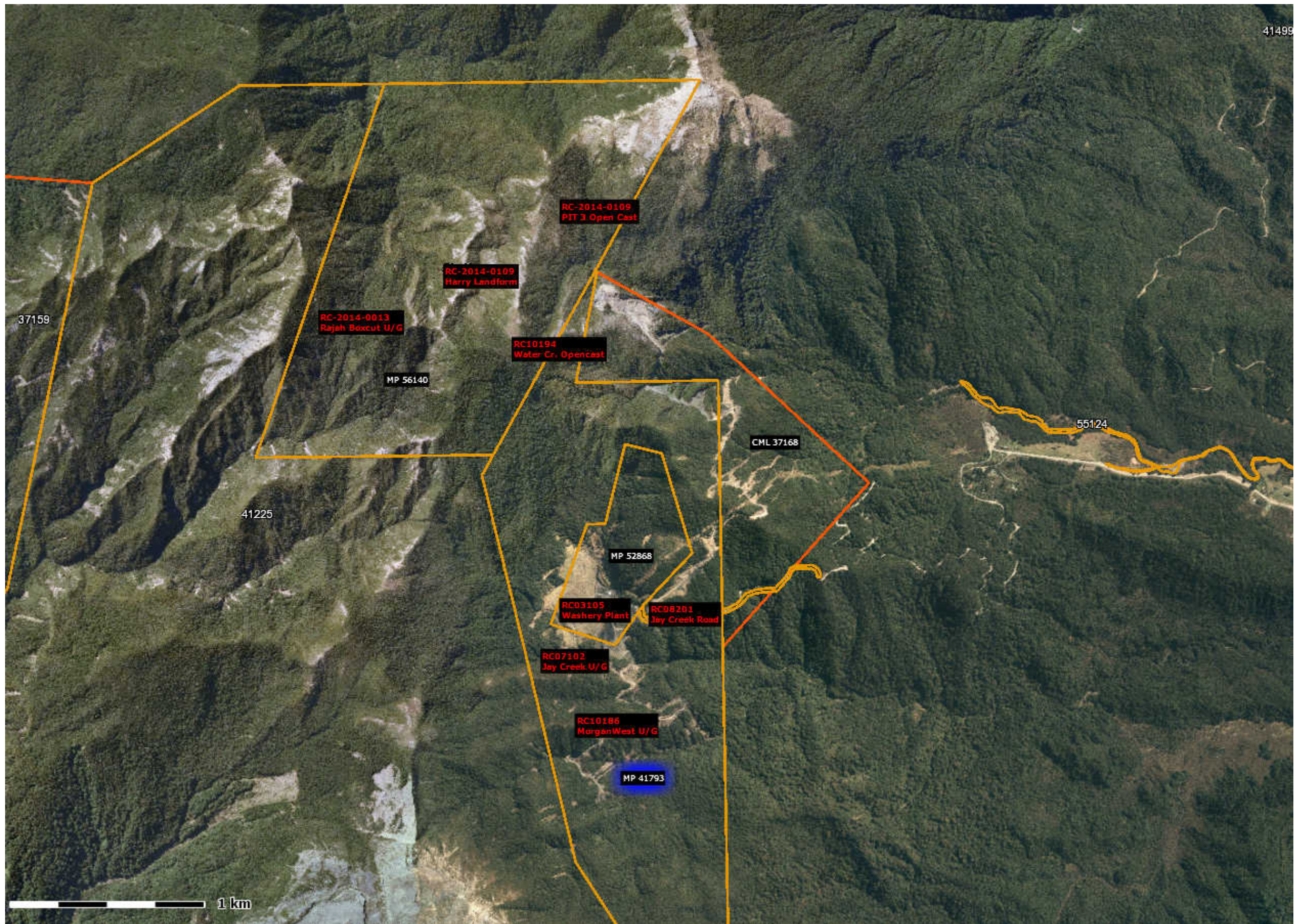
Scale 1:12,000 (A4)
Projection Grey Circle
Datum NZGD1949

Appendix 14

RC-2014-0013 Map



Urban & Environmental



Appendix 15

RC-2014-0031 Map



Urban & Environmental

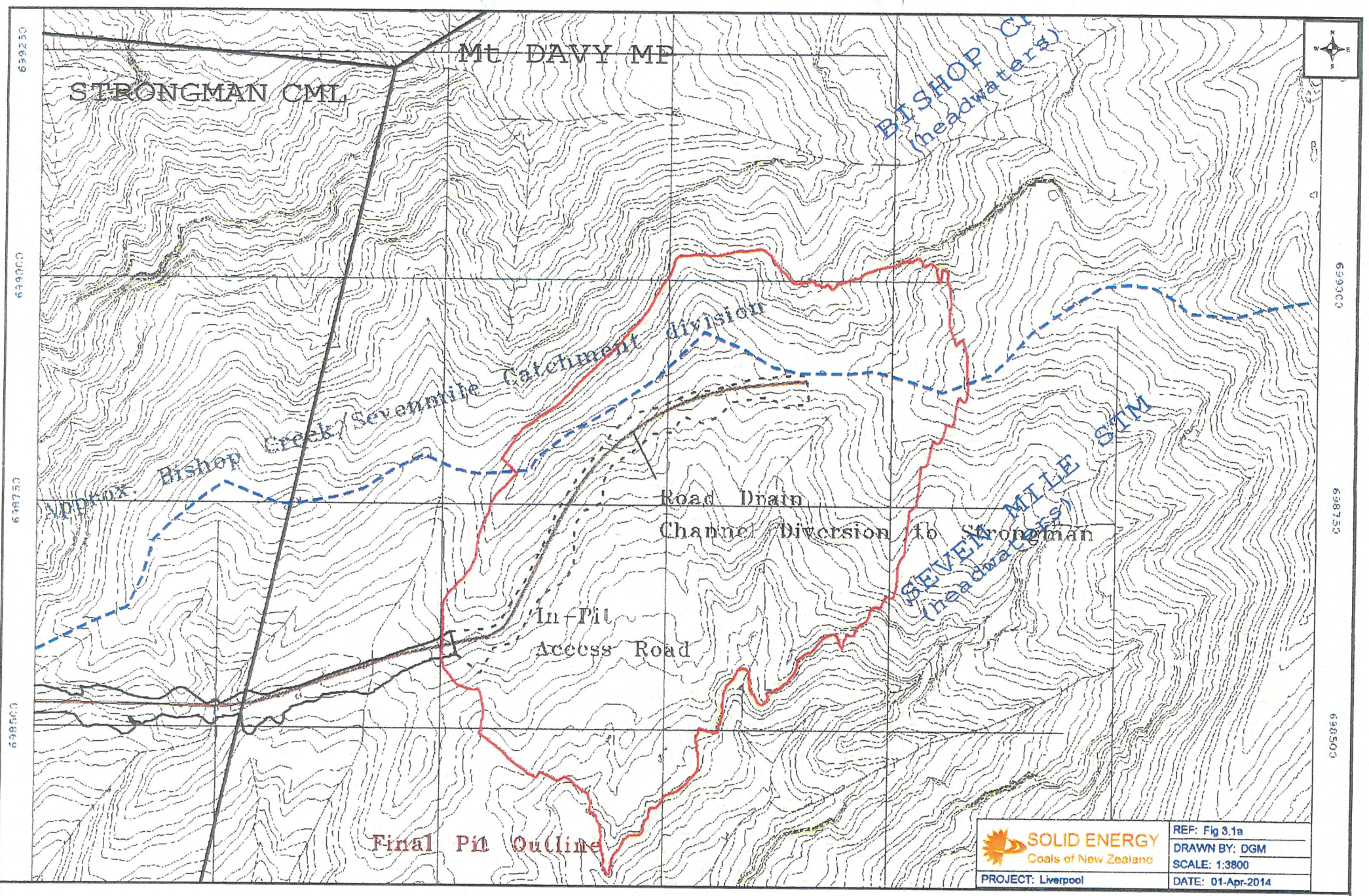


Figure 3.1 (revised): Kimbell Opencast - Pit Outline and Access

Appendix 16

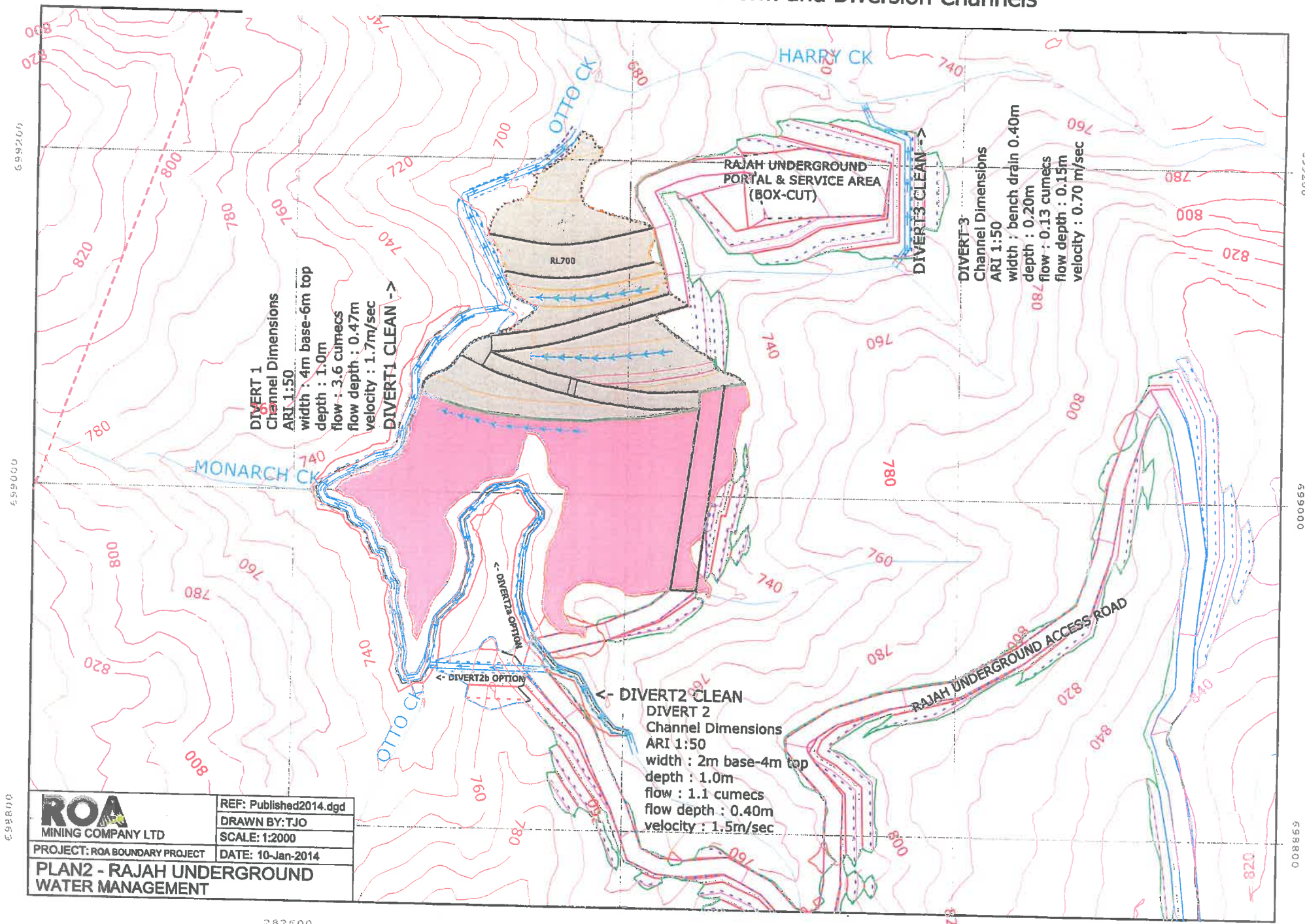
RC-2014-0051 Map



Urban & Environmental

RC-2014-0051 Location of Waste Rock Landform and Diversion Channels

Document Set ID: 231419
Version: 1, Version Date: 22/07/2014



ROA MINING COMPANY LTD PROJECT: ROA BOUNDARY PROJECT PLAN2 - RAJAH UNDERGROUND WATER MANAGEMENT	REF: Published2014.dgd
	DRAWN BY: TJO
	SCALE: 1:2000
	DATE: 10-Jan-2014

598800

282600

282800

283000

599200

599000

598800

Appendix 17

RC-2014-0109 Map



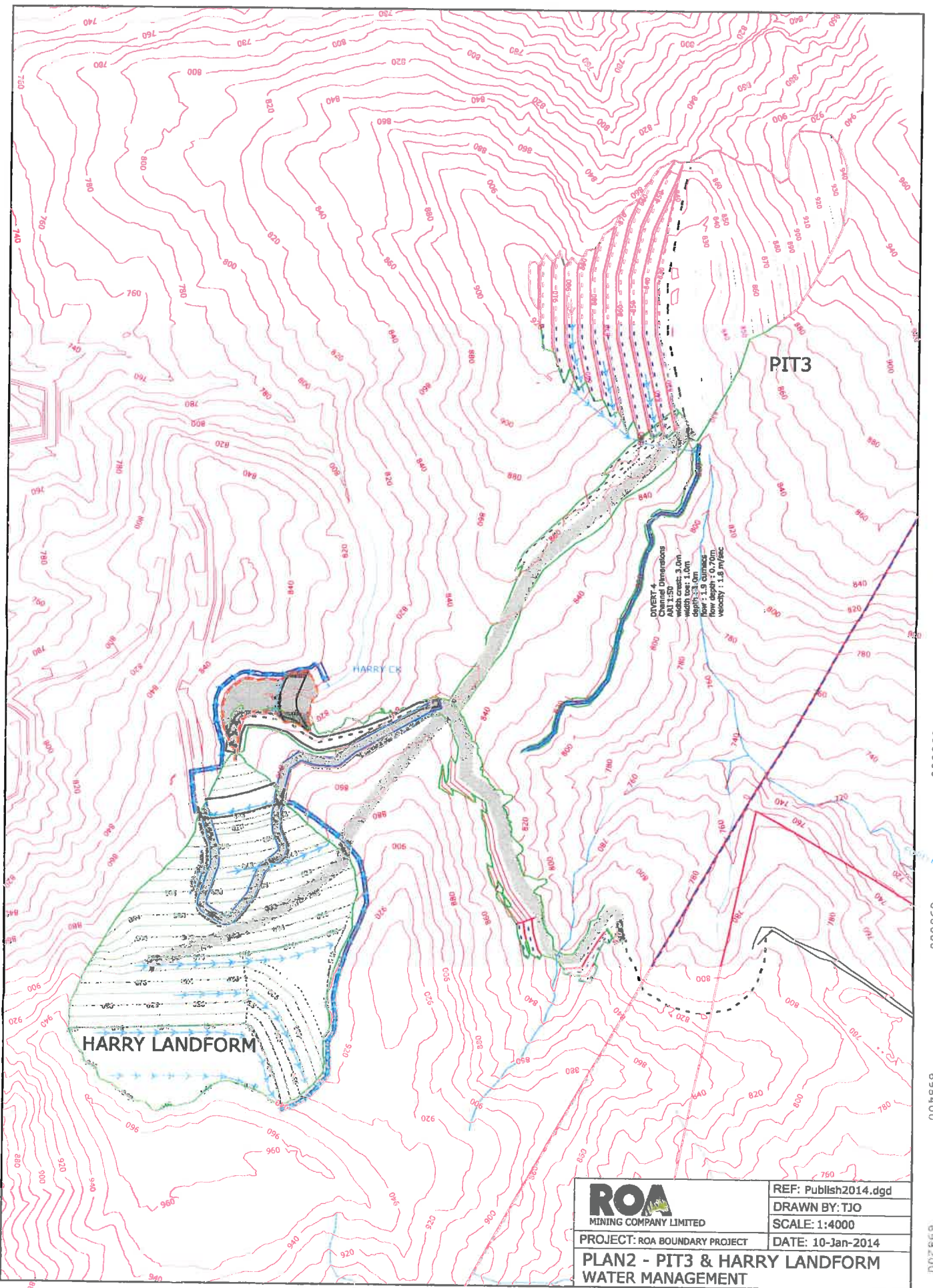
Urban & Environmental

RC-2014-0109 Location of Pit 3, Harry Waste Rock Landform and Diversion Channels

283000 283200 283400 283600 283800

699600
699400
699200
699000
698800
698600
698400
698200

699600
699400
699200
699000
698800
698600
698400
698200



<p>ROA MINING COMPANY LIMITED</p>	REF: Publish2014.dgd
	DRAWN BY: TJO
PROJECT: ROA BOUNDARY PROJECT	SCALE: 1:4000
DATE: 10-Jan-2014	
<p>PLAN2 - PIT3 & HARRY LANDFORM WATER MANAGEMENT</p>	

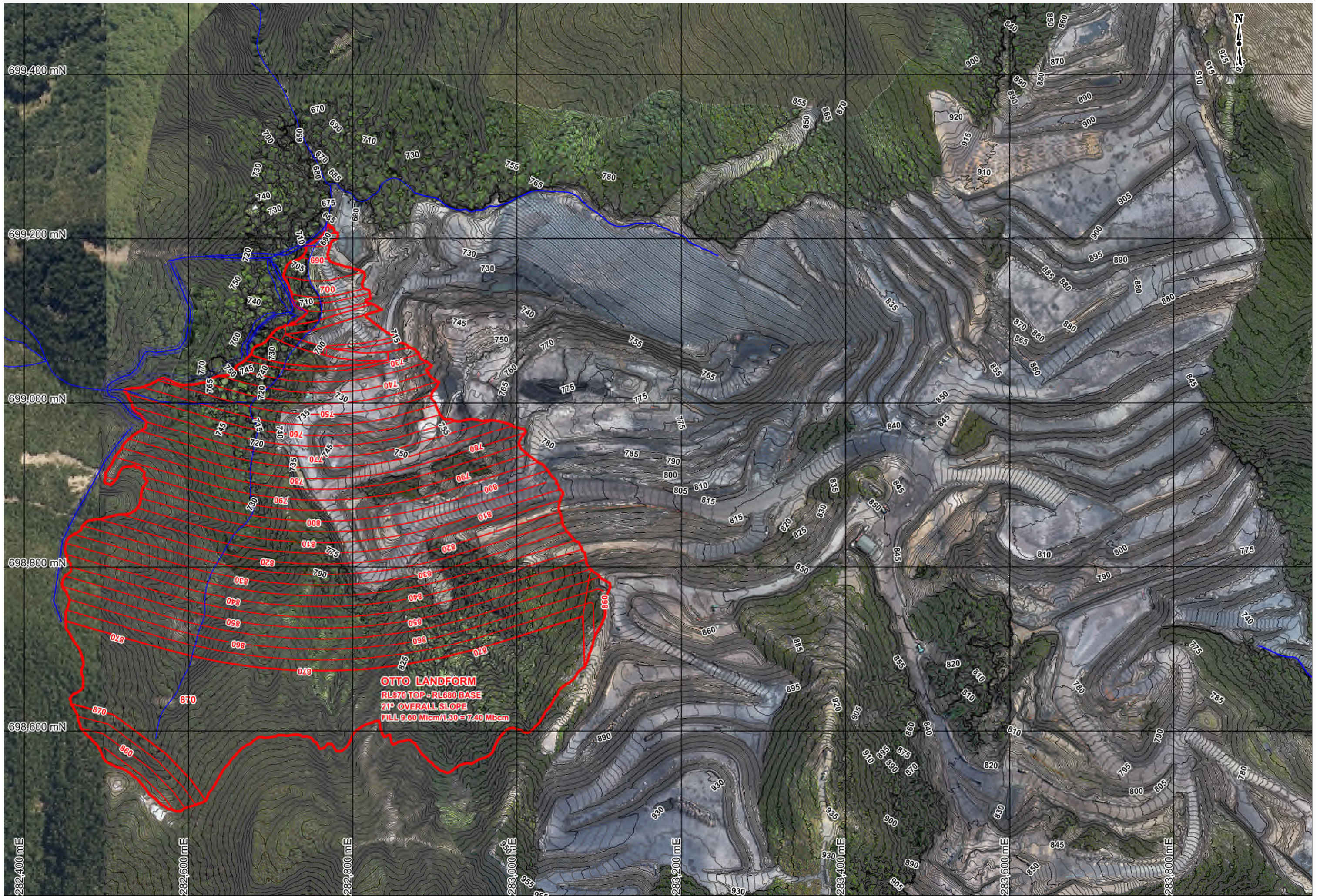
283000 283200 283400 283600 283800

Appendix 18

RC-2014-0123 Site Plan



Urban & Environmental



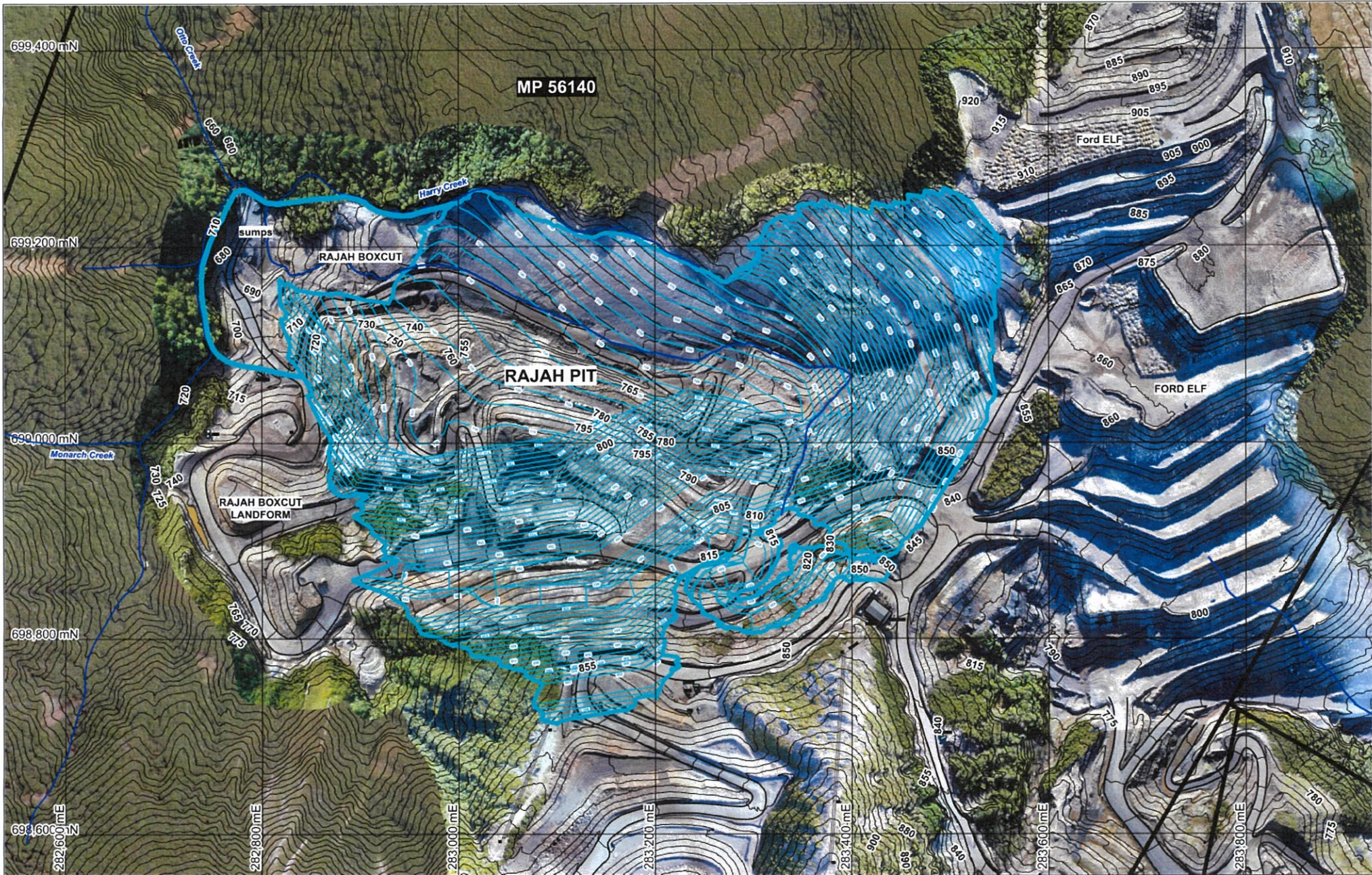
OTTO LANDFORM
 RL870 TOP - RL680 BASE
 21° OVERALL SLOPE
 FILL 9.60 Micm/1.30 = 7.40 Mbcm

Appendix 19

RC-2016-0110 Site Plan



Urban & Environmental



File: \RajahRC_2016_0110_amend2021.wor
2 December 2021

50 0 50 100
metres
Scale: 1:5000 (A4)
Grey Circuit (NZGD1949)

ROA
MINING COMPANY LTD

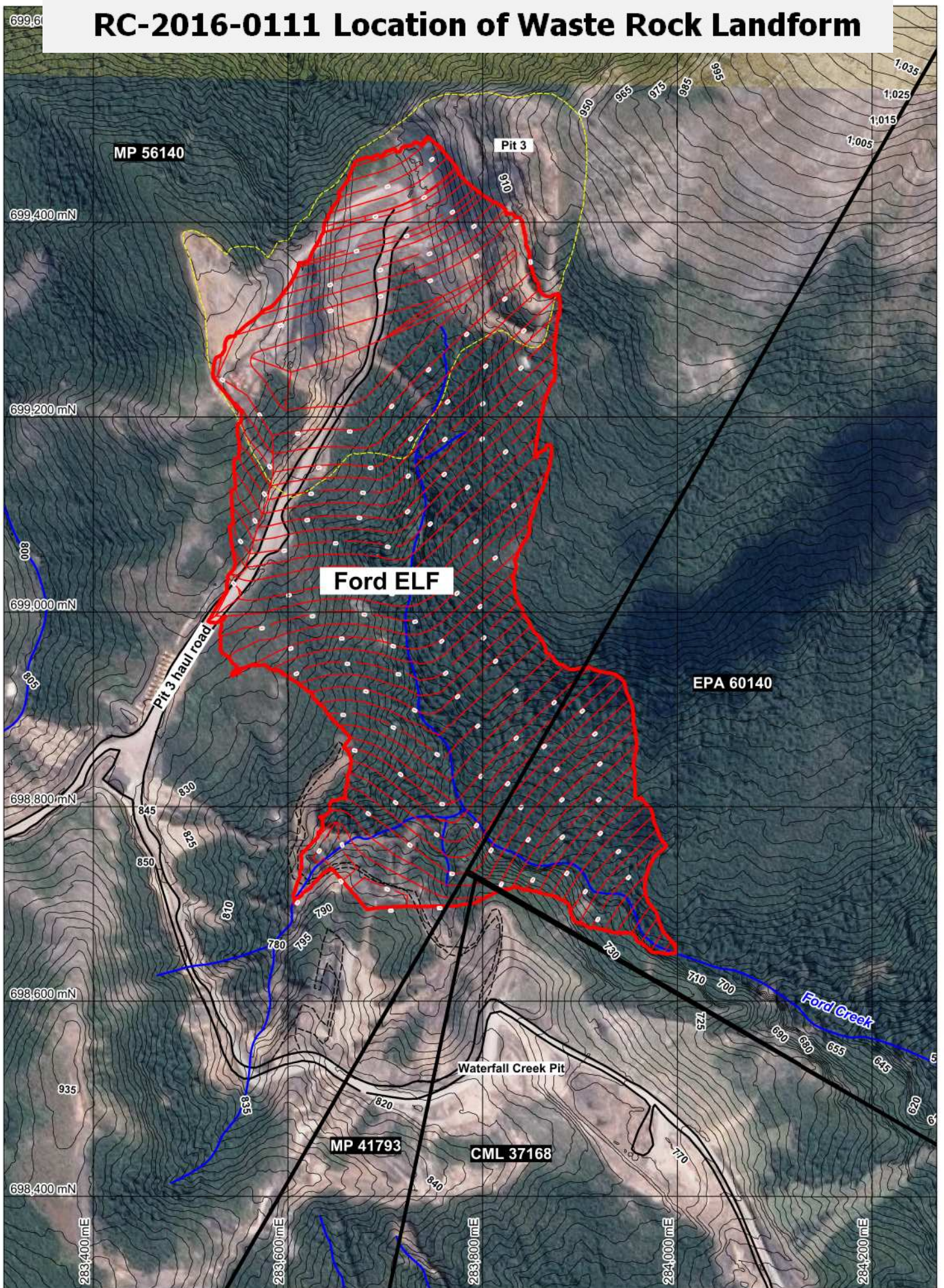
Appendix 20

RC2016-0111 Map



Urban & Environmental

RC-2016-0111 Location of Waste Rock Landform



File: \Rajah\Figure2 RajahPit_FordELF.wor
22 September 2016

50 0 50 100
metres

Scale: 1:5000 (A4)
Grey Circuit (NZGD1949)

Figure 2 - FORD ELF

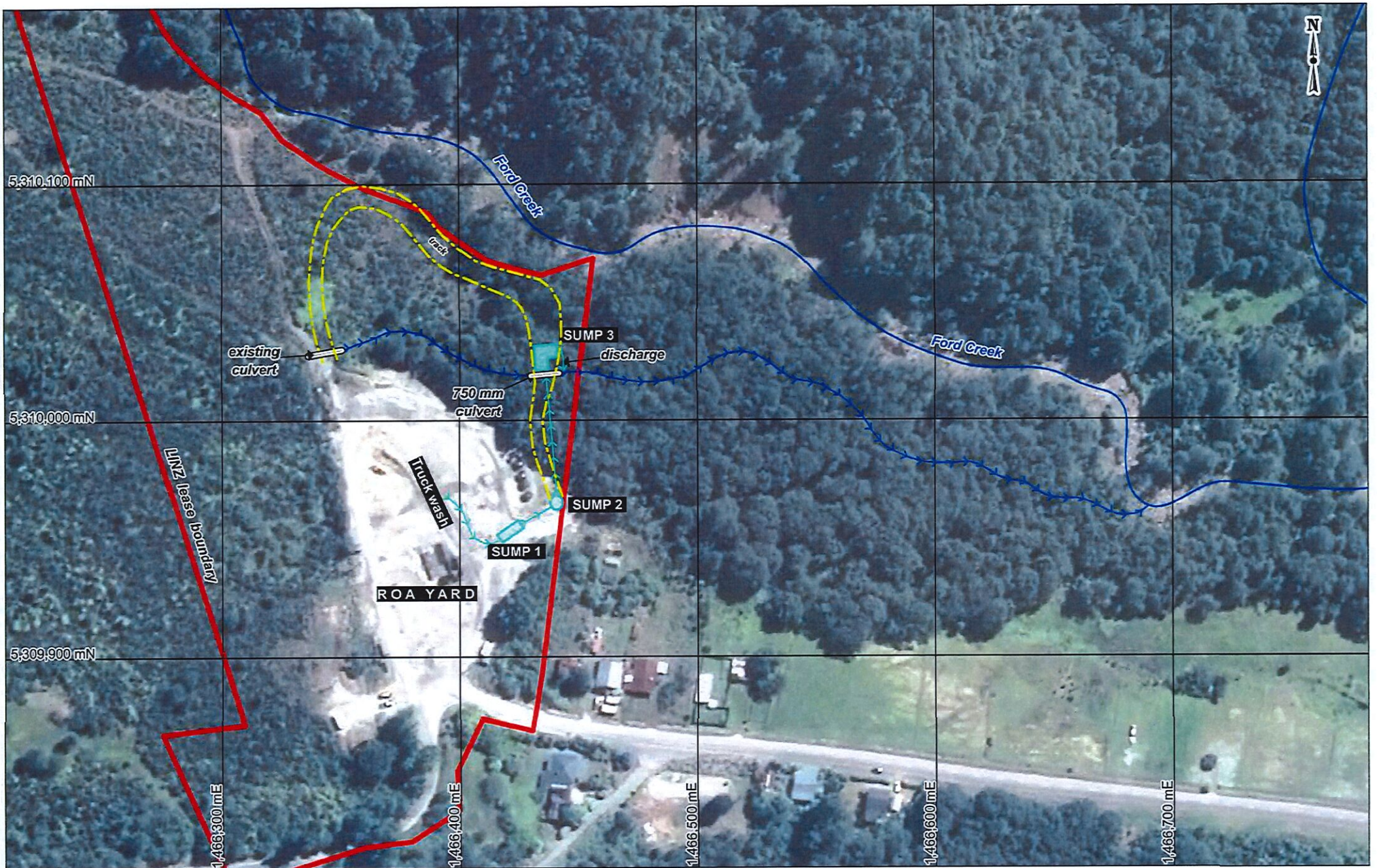


Appendix 21

RC-2019-0111 Site Plan



Urban & Environmental



File: ...Rajah\TruckWashDischargeV2.WOR
26 September 2019



Scale 1:2000 (A4)
Projection: NZTM (NZGD2000)

SCHEMATIC OF TRUCK WASH DISCHARGE

Appendix 22

CML 37159 NZPM Map



Urban & Environmental



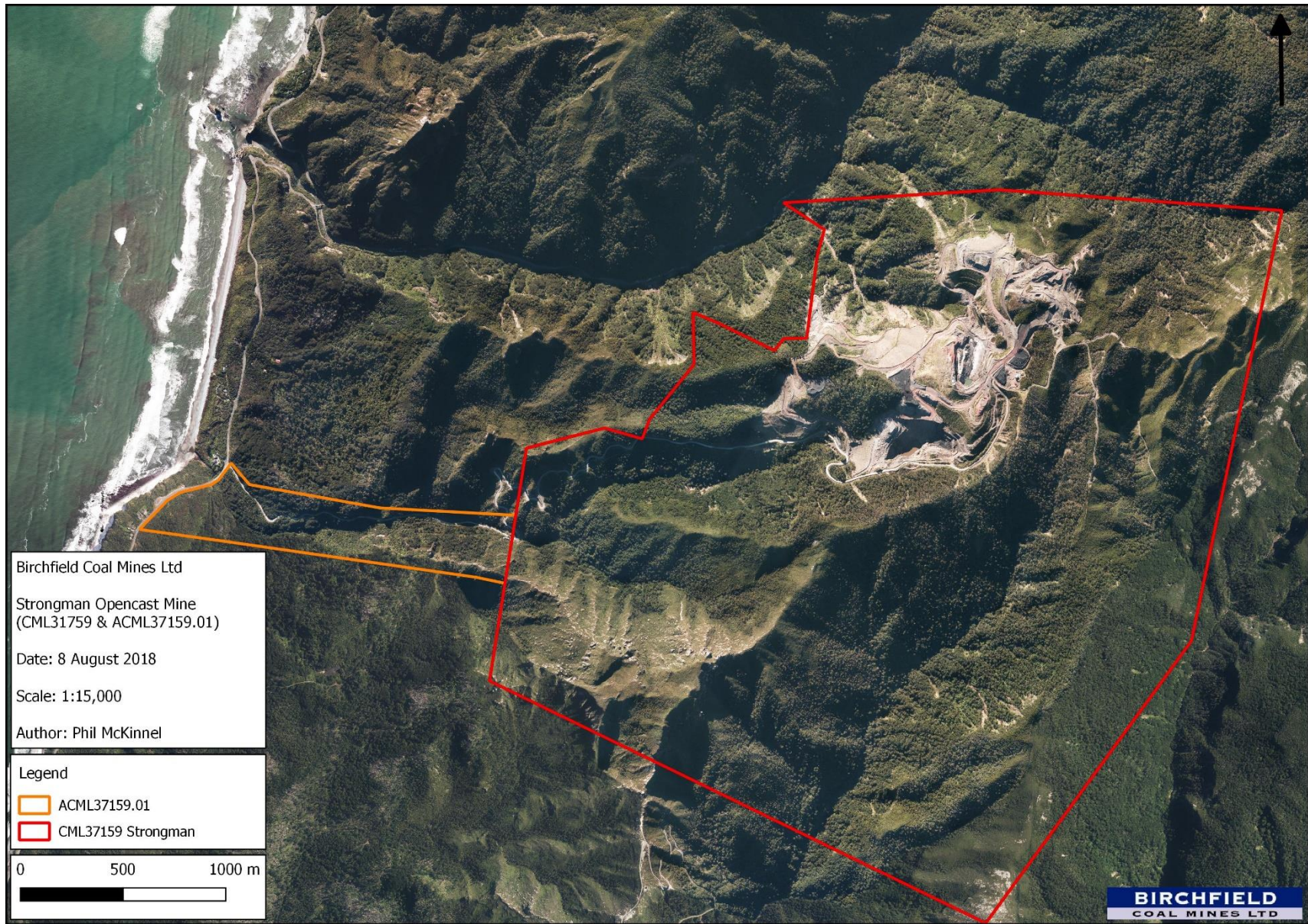
Figure 1: CML37159. Source: New Zealand Petroleum & Minerals: *Permit Maps - Minerals*

Appendix 23

CML37159 AWP



Urban & Environmental



Appendix 24

ACML 37159-01 NZPM Map



Urban & Environmental



Figure 1: CML37159-01. Source: New Zealand Petroleum & Minerals: *Permit Maps - Minerals*

Appendix 25

ACML 37159-02 NZPM Map



Urban & Environmental



Figure 1: CML37159.02. Source: New Zealand Petroleum & Minerals : **Permit Maps - Minerals**

Appendix 26

CML 37168 NZPM Map



Urban & Environmental

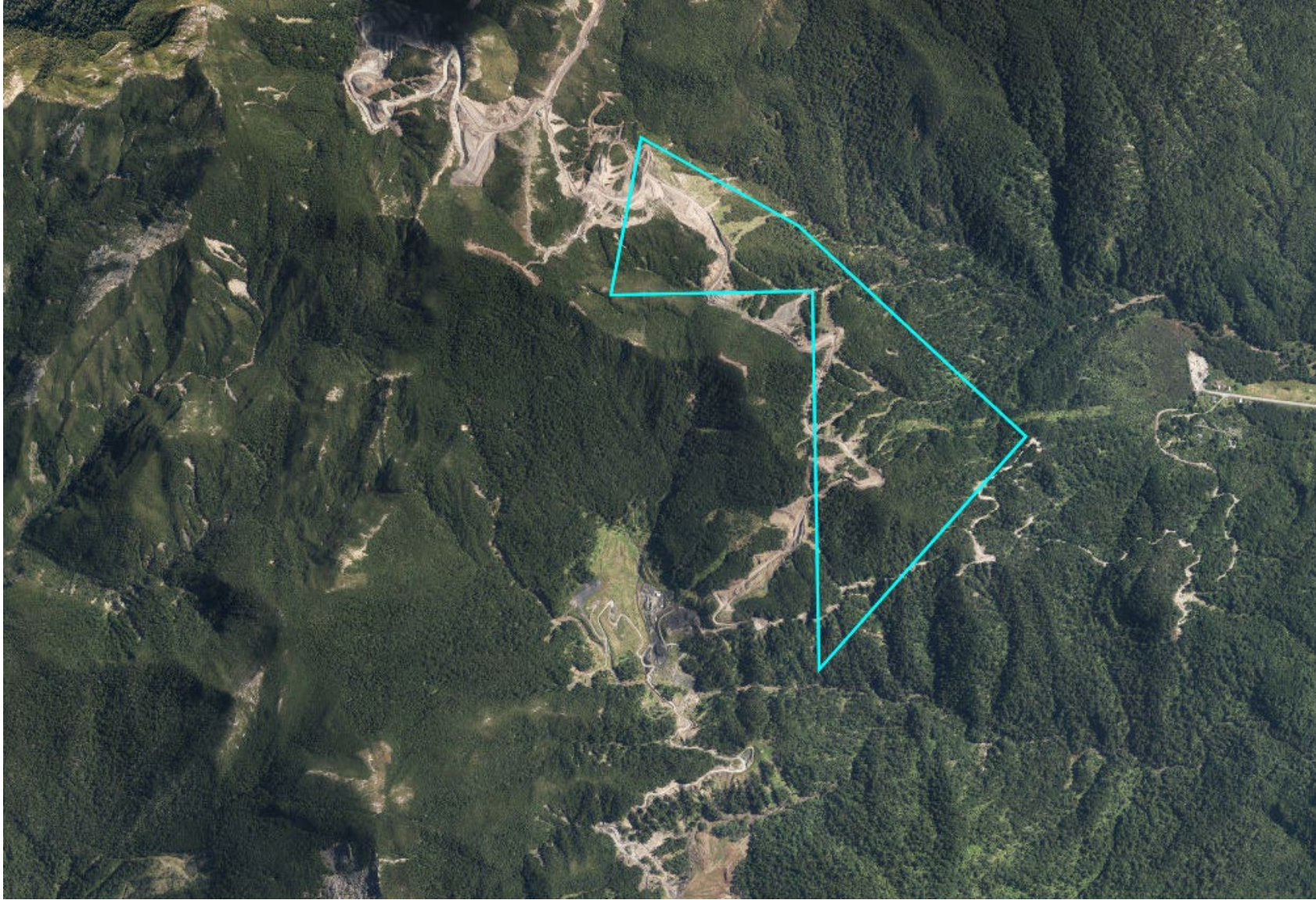


Figure 1: CML37168. Source: New Zealand Petroleum & Minerals: **Permit Maps - Minerals**

Appendix 27

CML37168 AWP



Urban & Environmental



NOTE: Aerial photography and contours (5m interval) dated 26 November 2010

Francis mining Co Ltd
 Scale 1:5000 (A3)
 Projection: Grey Circuit (NZGD1949)

CML 37-168
Annual Summary Report on Mining Activities
14 December 2009 to 31 October 2010

File location: N:\Head Office\Project Files\ROA02-Roa Mine\ROA02D-Technical\Mapinfo\Workspaces\CML37168MinePlan_2011.wor
 25 January 2011

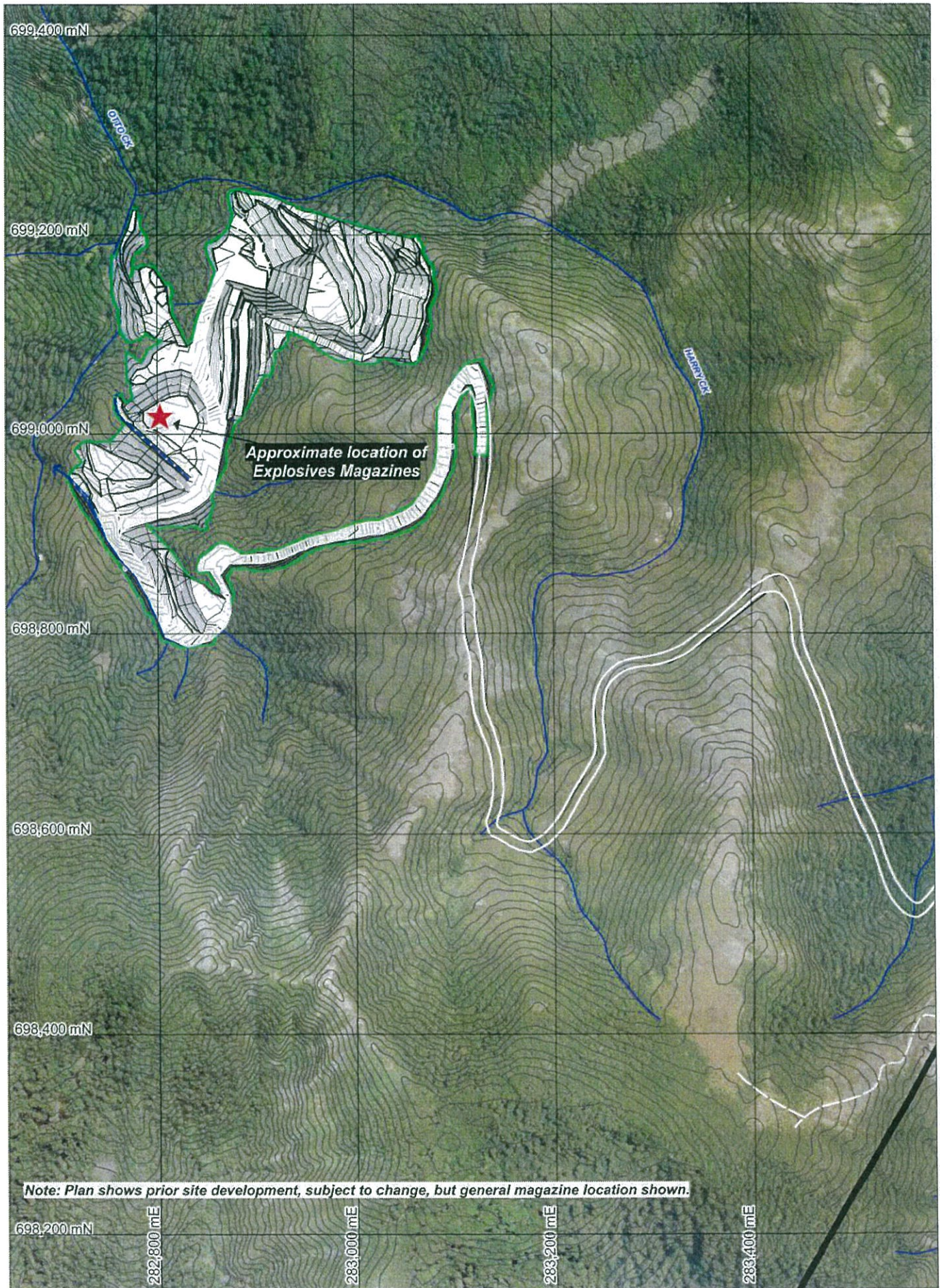
Figure 1 - Surveyed Mine Plan

Appendix 28

LU2528-15 Site Plan



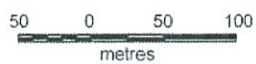
Urban & Environmental



File Location: I:\Rajah\MP56140_ExplosivesMagazinesLocation.wor
18 May 2015

Roa Mine - MP 56140

ROA



Explosives Magazines Location Plan

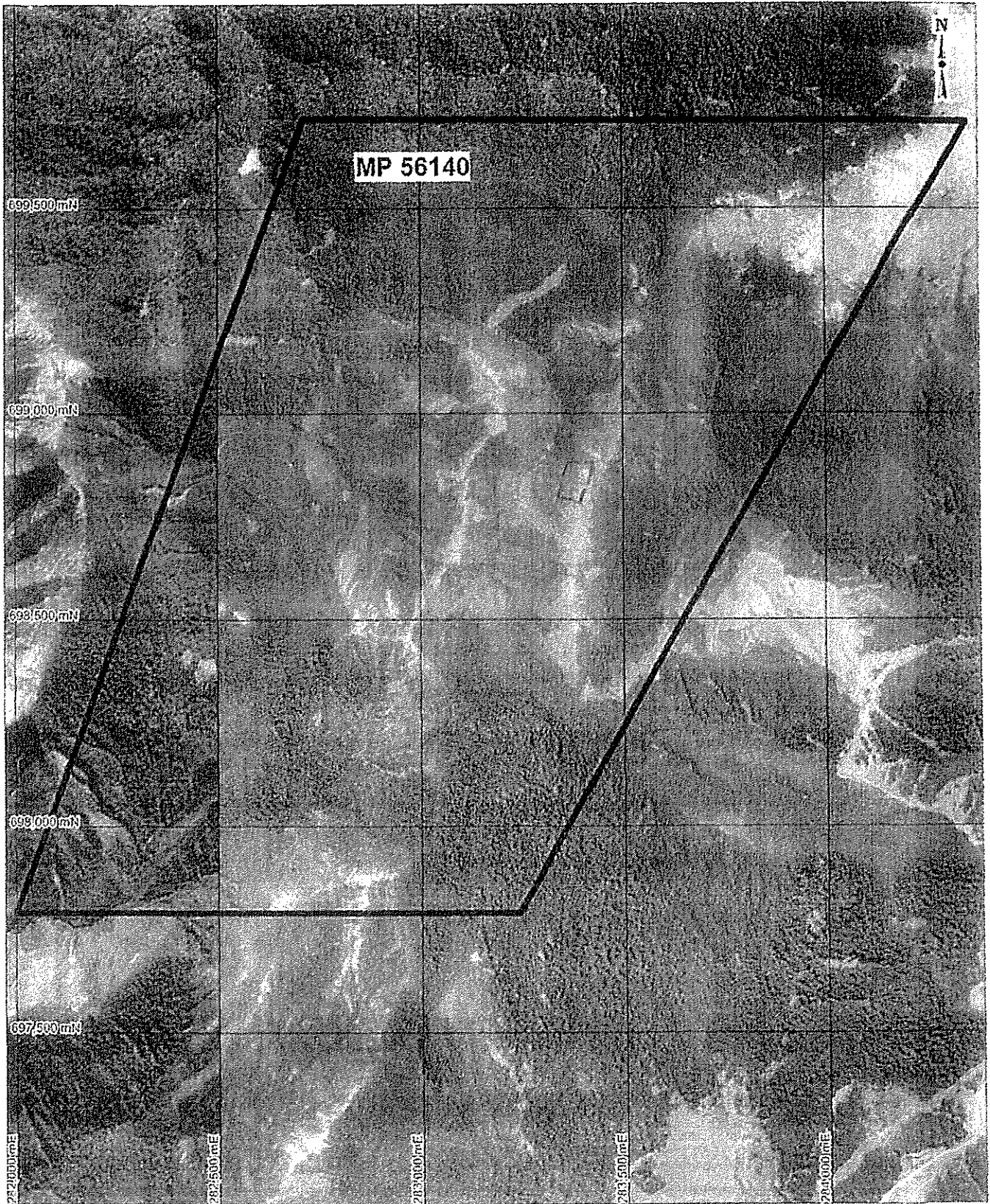
B

Appendix 29

LU2502-15 Map



Urban & Environmental



File Location: I:\Workspaces\Rajah\MP56140_AEO.wor

Roa Mine - Mining Permit (MP) 56140

ROA
MINING COMPANY LTD



Scale 1:12 500 (A4)
Projection: Grey Circuit (NZGD1949)



approximate site location

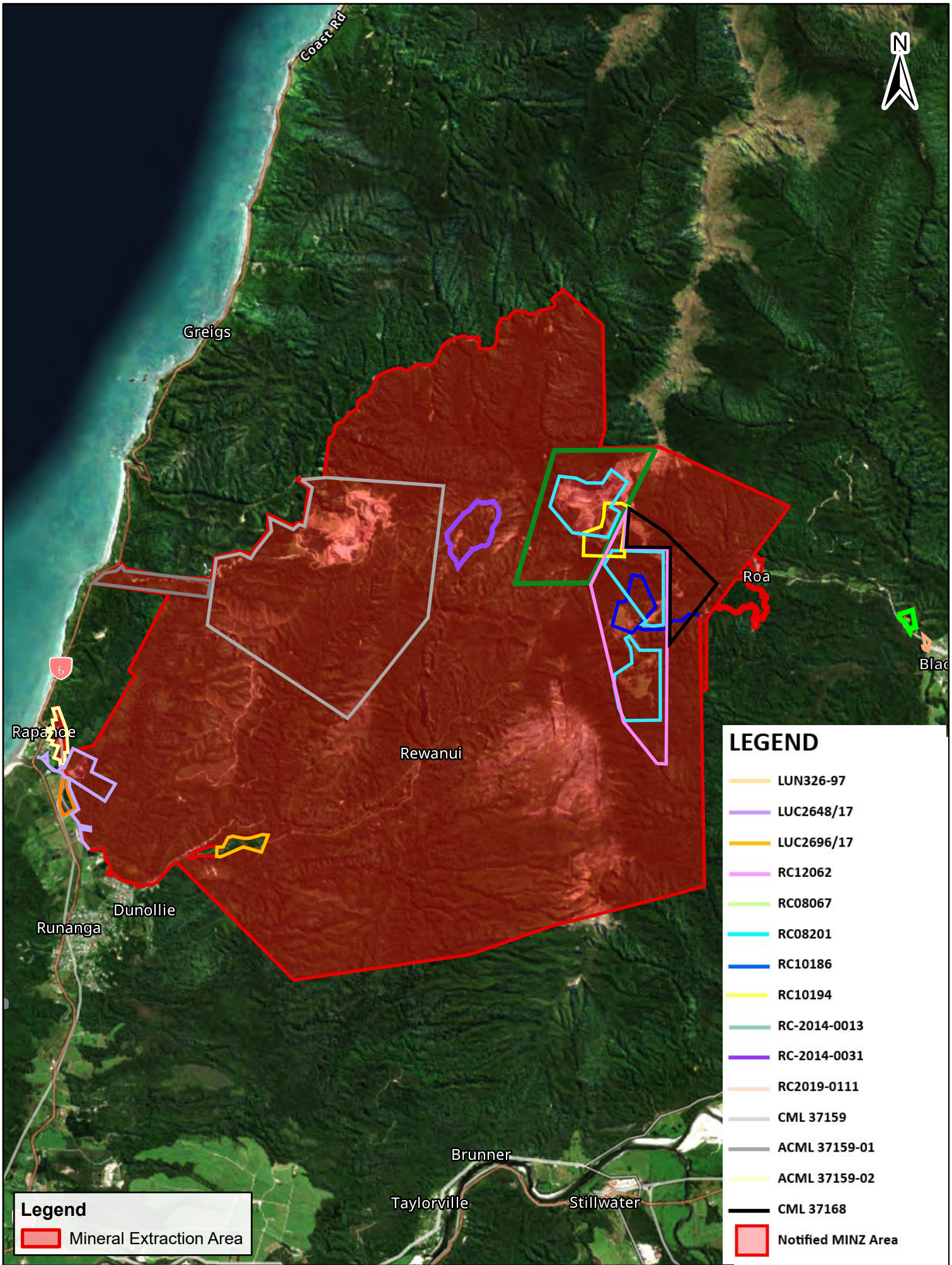
B


Appendix 30

















Map of Authorised Mining Activities in relation to MINZ



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Legend
 Mineral Extraction Area

- LEGEND**
-  LUN326-97
 -  LUC2648/17
 -  LUC2696/17
 -  RC12062
 -  RC08067
 -  RC08201
 -  RC10186
 -  RC10194
 -  RC-2014-0013
 -  RC-2014-0031
 -  RC2019-0111
 -  CML 37159
 -  ACML 37159-01
 -  ACML 37159-02
 -  CML 37168
 -  Notified MINZ Area