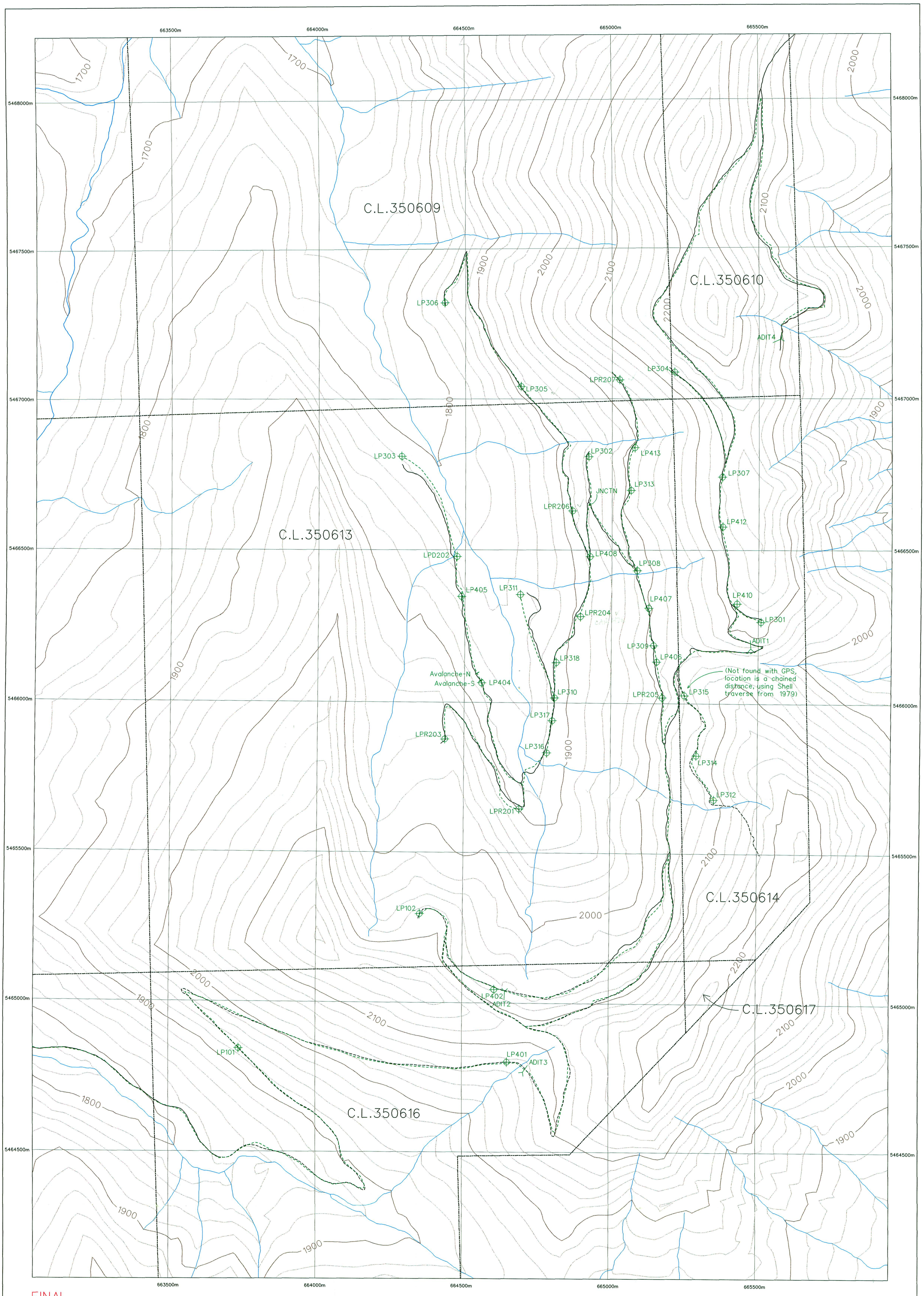


FINAL

BASE LEGEND

- TRIM Road - Loose Surface
- TRIM Road - Rough Surface
- GPS Road
- GPS Located Drill Site — LP101
- GPS Located Adit Site
- Coal License Boundary

Digital Map Base
Lodgepole Coal License Group

Scale 1:5,000

0 — 500

Metres

Universal Transverse Mercator (UTM) Projection, Zone 11
1983 North American Datum (NAD83), WGS84 Spheroid
Contour Interval: 20 metres

Notes To Users

With the exception of coal license boundaries and data from GPS field work, all features shown on base map are TRIM coverages compiled at 1:20,000-scale, or other coverages tied to TRIM control. Locations of roads, streams, bridges, and contours are valid at this or smaller scale, and comply with SRMB CS3/R2.0, as amended. Caution is advised when this information is combined with other data for mapping, modelling, or interpretation at 1:10,000 or 1:5,000-scale. It is useable at these scales of reference, but positional accuracy at scale of compilation still applies; locations will be less accurate at larger scale. The 500 metre UTM grid on base map is scale-independent, and referenced to NAD83.

Transformations from NAD27 to NAD83 were completed with the standard Geodetic Survey Division (Natural Resources Canada) conversion program. All GPS data collected during Sept/Oct 1997 were differentially corrected (BCACS Level 2), and converted from WGS 84 northing and easting (height above ellipsoid) to UTM Zone 11 NAD83 northing and easting (height above mean sea level). Features located with GPS are accurate to within 1 to 5 metres of their true position in the field. TRIM roads and streams are accurate to within 10 metres of their true location at the 90% confidence level. All contours were derived (interpolated) from a TRIM digital elevation model (DEM), and are accurate to within 10 metres of their true elevation at the 90% confidence level.

Locations GPS'd ~ 1997., Corrected to NAD 83

prepared for:

Fording Coal Ltd.
Calgary, Alberta

prepared by:

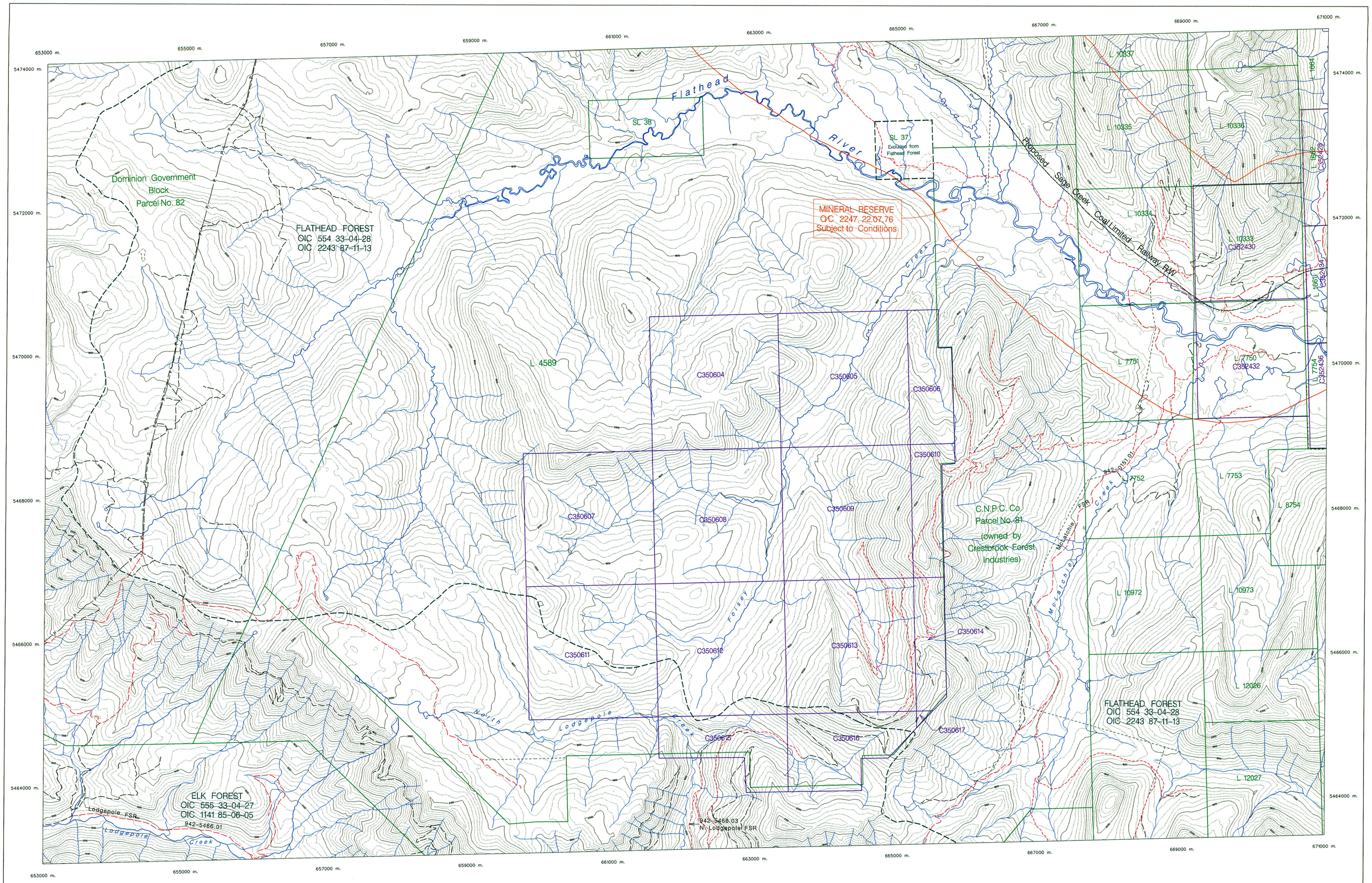
Terrain Resources Ltd.
Lethbridge, Alberta

JRT Communications Ltd.
Fernie, British Columbia

Date of Assembly: 06 October 1997
Date of Last Revision: 24 October 1997

Data for these holes are in CAR 428

terrain resources



FINAL

Legend

- Loose Surface, Two Lanes
- Loose Surface, One Lane
- Rough Road Surface
- Hydrography Features
- Seismic / Cut Line
- Coal Tenure Boundary
- Cadastral Boundaries
- Proposed Railway ROW
- Pipeline — P — P —
- Provincial Forest Boundary

Digital Map Base
Lodgepole Coal License Group

Scale 1:20,000

0.5 0 1 2
Kilometres

1/2 1/4 0 1
Miles

Universal Transverse Mercator (UTM) Projection, Zone 11
1983 North American Datum (NAD83), WGS84 Spheroid
Contour Interval: 20 metres

Notes to Users

The following sources of information were used (or referred to) during assembly of this base map: 1:20,000-scale TRM files for 82G036 and 82G037; 1:20,000-scale cadastral maps from Surveyor General Branch for both sheets; mineral tenure and coal tenure maps from the Mineral Titles Branch for 82G/07E and 82G/07W at 1:31,680-scale; coal license boundaries in digital format from Energy & Minerals Division; NTS map sheet 82G/07 (edition 3) at 1:50,000-scale; BCLS map sheet 82G/SE at 1:125,000-scale; and documents or publications from Fording Coal Ltd, Crows Nest Resources Ltd, Mineral Titles Branch, and other agencies.

Transformations from NAD27 to NAD83 were completed with the standard Geodetic Survey Division (Natural Resources Canada) conversion program. All GPS data collected during Sept/Oct 1997 were differentially corrected (BCACS Level 2), and converted from WGS 84 northing and easting (height above ellipsoid) to UTM Zone 11 NAD83 northing and easting (height above mean sea level). Features located with GPS are accurate to within 1 to 5 metres of their true position in the field. TRM roads and streams are accurate to within 10 metres of their true location at the 90% confidence level. All contours were derived (interpolated) from a TRM digital elevation model (DEM), and are accurate to within 10 metres of their true elevation at the 90% confidence level.

The discrepancies between cadastral boundaries and coal tenure boundaries along the south and east extent of the Lodgepole Coal License Group are real, and cannot be reconciled at this time. Corner locations and boundaries, to the best of our knowledge, have not been legally surveyed in the past.

prepared for:
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Date of Assembly: 09 October 1997
Date of Last Revision: 24 October 1997

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CAR

Add to 428