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## Gwich'in Land and Water Board

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### SCHEDULE II

(Subsection 19(2) of Mackenzie Valley Land Use Regulations)

INFORMATION IN SUPPORT OF AN APPLICATION FOR A LAND USE PERMIT



**New Application**



**Amendment**

**1. Applicant's name and mailing address**

NorthwestTel Inc.  
301 Lambert St.  
Whitehorse, YT  
Y1A 4Y4

**Fax no.**

(867) 668-6285

**2. Head office address**

As above

**Field supervisor**

Glenn Bushell  
Manager, Contracts and Support  
NorthwestTel Inc.

**Radio telephone no.**

To be arranged.

**Telephone no.**

(867) 668-5385

**Fax no.**

(867) 668-6285

**3. Other personnel** (subcontractor, contractors, company, staff, etc.)

Personnel involved will include contractors, subcontractors and NorthwesTel staff. The prime contractor is yet to be determined.

**Total number of persons on site:**

Winter access construction: 60 person days (max) in 2005. The preparation of the winter access is expected to take only 2-3 days, however maintenance may be required over the winter period.

**4. Eligibility**

**(Refer to section 18 if the Mackenzie Valley Land Use Regulations.)**

(a) (i)       (a) (ii)       (a) (iii)       (b) (i)       (b) (ii)

**5. a) Summary of operation (describe purpose, nature and location of all activities)**

**(Refer to paragraph 19 (3) (b) of the Mackenzie Valley Land Use Regulations.)**

NorthwesTel proposes to dismantle and conduct a phased clean up of the old Troposcatter Site located approximately 6 km southeast of Tsiigehtchic, NWT (67°24'58" N, 133° 36' 32" W). Initial site cleanup is proposed during the winter months in early 2005. Access to the site is on existing ROWs used as winter access in previous years. Approximately 6 km consists of a winter access route first constructed in 2000/2001 and used again in 2002/2003 by Devlan Exploration Inc. This portion of the proposed route is 8 m wide with some wider sections (up to 12 m) for pullouts. No widening of this existing access is anticipated. Approximately 2 km of proposed winter access is on an existing 1 -2 m wide trail which branches off the Devlan route. This portion is overgrown and requires widening to 8 m to accommodate the removal of equipment and material from the site. Tso Lake or the Mackenzie River will be used as a water source during access construction. Proposed water use is estimated at 40 m<sup>3</sup> per day, well under the 100 m<sup>3</sup> per day permitted without a water license, therefore a water license is not being sought for this Project.

A land use permit for the actual Troposcatter site cleanup is being applied for separately, as requested by the Gwich'in Land and Water Board.

The proposed access is located within the Municipal boundaries of Tsiigehtchic.

|   |  |
|---|--|
| <p>NorthwesTel has title to the Troposcatter site.</p> <p><b>b) Indicate if a camp is to be set up (Provide details on a separate page, if necessary.)</b></p> <p>No camp will be required as the site is in close proximity to Tsiigehtchic.</p>   |  |
| <p><b>6. Summary of potential environmental and resource impacts (describe the effects of the proposed land use operation on land, water, flora and fauna and related socio-economic impacts). (Use separate page if necessary.)</b></p> <p>The proposed winter access involves 6.4 ha of land use. Of this, 5.2 ha are on an existing ROW used previously for winter access. 1.2 ha would be new cut, related to widening of a 2 km section. Please refer to supporting document, "NorthwesTel Troposcatter Site Decommissioning and Remediation, Tsiigehtchic, NT".</p> |  |
| <p><b>7. Proposed restoration plans (Use separate page if necessary).</b></p> <p>Please refer to the supporting document</p>  |  |
| <p><b>8. Other rights, licences or permits related to this permit application (mineral rights, timber permits, water licences, etc.)</b></p> <p>None. As indicated above, a water license will not be required due to the minimal water requirements for the Project.</p> <p><b>Roads:</b></p> <p><b>Is this to be a pioneered road?</b> No</p> <p><b>Has the route been laid out or ground truthed? (Provide details on a separate page.)</b></p> <p>Existing access as described above. The route was verified in the field on 17 December, 2004.</p>                   |  |
| <p><b>9. Proposed disposal methods</b></p> <p><b>a) Garbage:</b><br/>Any garbage will be hauled back to Tsiigehtchic daily.</p>   | <p><b>b) Sewage (sanitary and grey water):</b><br/>n/a</p> |

|   |          |  |                                      |
|---|----------|--|--------------------------------------|
| <p><b>c) Brush and trees:</b><br/>Clearing of vegetation is expected only to widen the existing 2 km trail between the site and the previous Devlan ROW. An area of approximately 1.2 ha would require clearing. See Supporting document for details.</p>   |          | <p><b>d) Over burden (organic soils, waste material, etc.):</b><br/>No disturbance to ground surface anticipated from winter access construction. A base of up to 20 cm of snow will be constructed.</p> |                                      |
| <p><b>10. Equipment (includes, drills, pumps, etc.)</b><br/>(Use separate page if necessary).</p>   |          |  |                                      |
| <p><b>Type and Number</b></p>   |          | <p><b>Size</b></p>   | <p><b>Proposed Use</b></p>           |
| <p>Dozer (1)<br/>Water truck (1)<br/>Snow Cat (1)<br/>Grader (1)</p>  |          | <p>D6-wide track</p>   | <p>Winter access construction</p>    |
| <p><b>11. Fuels</b></p>   | <p>X</p> | <p><b>No. of Containers</b></p>  | <p><b>Capacity of Containers</b></p> |
| <p>Diesel</p>   | <p>X</p> |  | <p>Tsiighehtchic</p>                 |
| <p>Gasoline</p>   | <p>X</p> |  | <p>Tsiighehtchic</p>                 |
| <p><b>12. Containment fuel spill contingency plans.</b><br/>(Attach separate contingency plan if necessary.)<br/>An Emergency Response Plan which contains a Fuel Spill Contingency Plan will be submitted to the Gwich'in Land and Water Board prior to winter access construction, and following selection of contractor.</p> |          |  |                                      |
| <p><b>13. Methods of fuel transfer (to other tanks, vehicles, etc.)</b><br/>Fuel transfer will not be required to vehicles as they will obtain fuel in Tsiighehtchic.</p>   |          |  |                                      |
| <p><b>14. Period of operation (includes time to cover all phases of project work applied for, including restoration.)</b><br/><br/>January 30, 2005 to April 15, 2006. There may be a requirement to access the Troposcatter site in the winter of 2005/2006 in order to complete the cleanup of the site.</p>                  |          |  |                                      |
| <p><b>15. Period of permit (up to five years, with maximum of two years of extension)</b><br/><br/><b>Start Date:</b> January 30, 2005 (as soon as permit obtained)<br/><br/><b>Completion Date:</b> April 15, 2006</p>   |          |  |                                      |

**16. Location of activities by map co-ordinates (attach maps and sketches)**

See attached supporting document

**Minimum latitude (degree, minute)**

N 67° 20'

**Maximum latitude (degree, minute)**

N 67° 30'

**Minimum longitude (degree, minute)**

W 133° 30'

**Maximum longitude (degree, minute)**

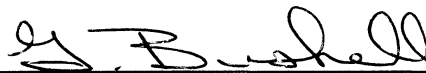
W 133° 50'

**Map sheet no.**

106 N (1:250,000)

**17. Applicant** Glenn Bushell

**(Print name in full)**

**Signature** 

**Date** Jan 4, 2005

**18. Fees**



Type A - \$150.00



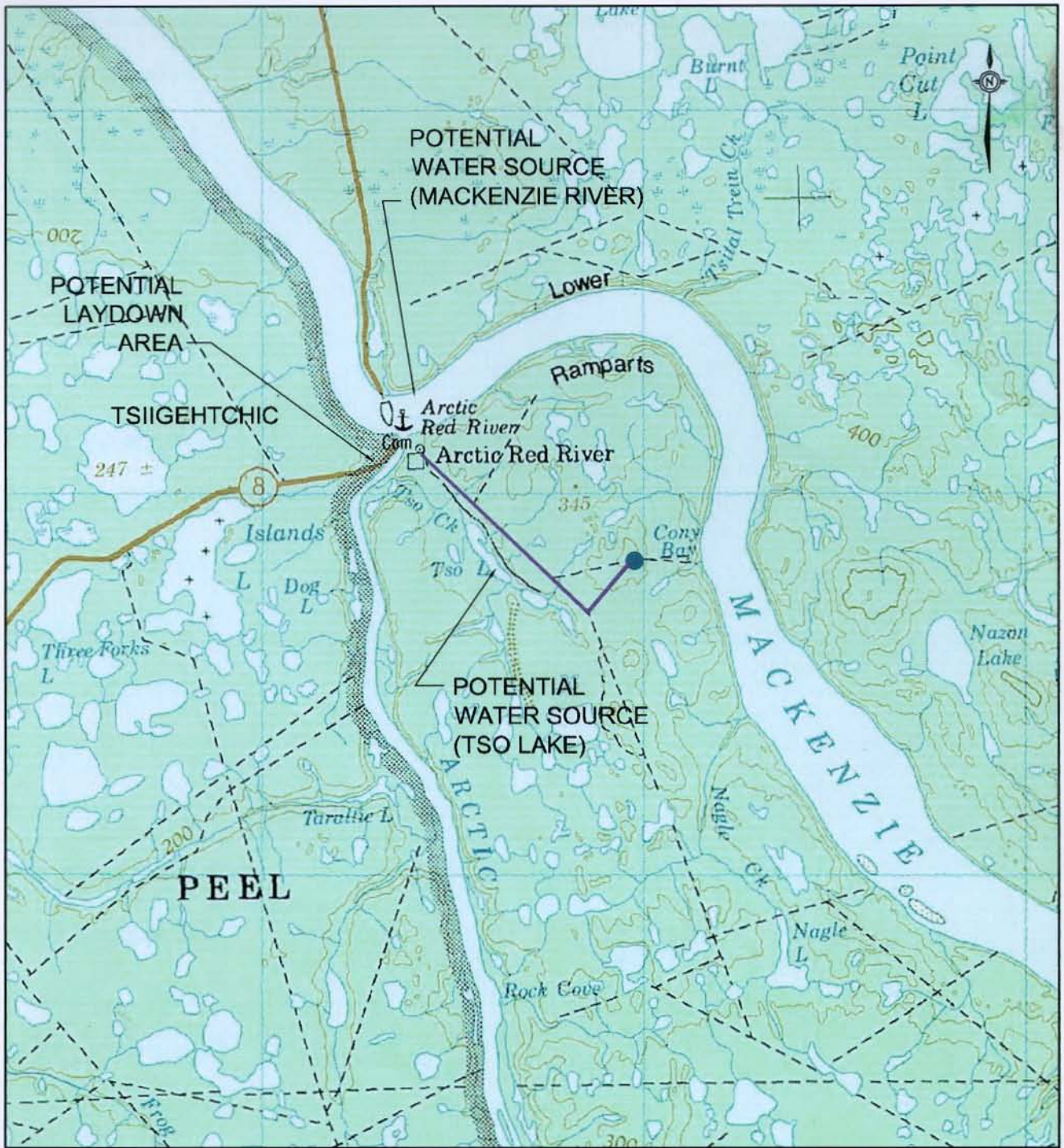
Type B - \$150.00

Land Use Fees: 6.4 ha - 2.0 = 4.4 Hectares @ \$50.00/hectare = \$ 220.00

Assignment Fee: \$50.00 (N/A)

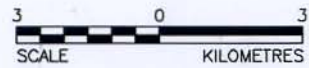
**Total = \$ 370.00**

R:\CAD\2004\1322-EA\1334-04-1334-038\2000\Project Location.dwg Dec 23, 2004 - 9:17am




**LEGEND**

- TROPOSCATTER SITE
- PROPOSED WINTER ACCESS (EXISTING)

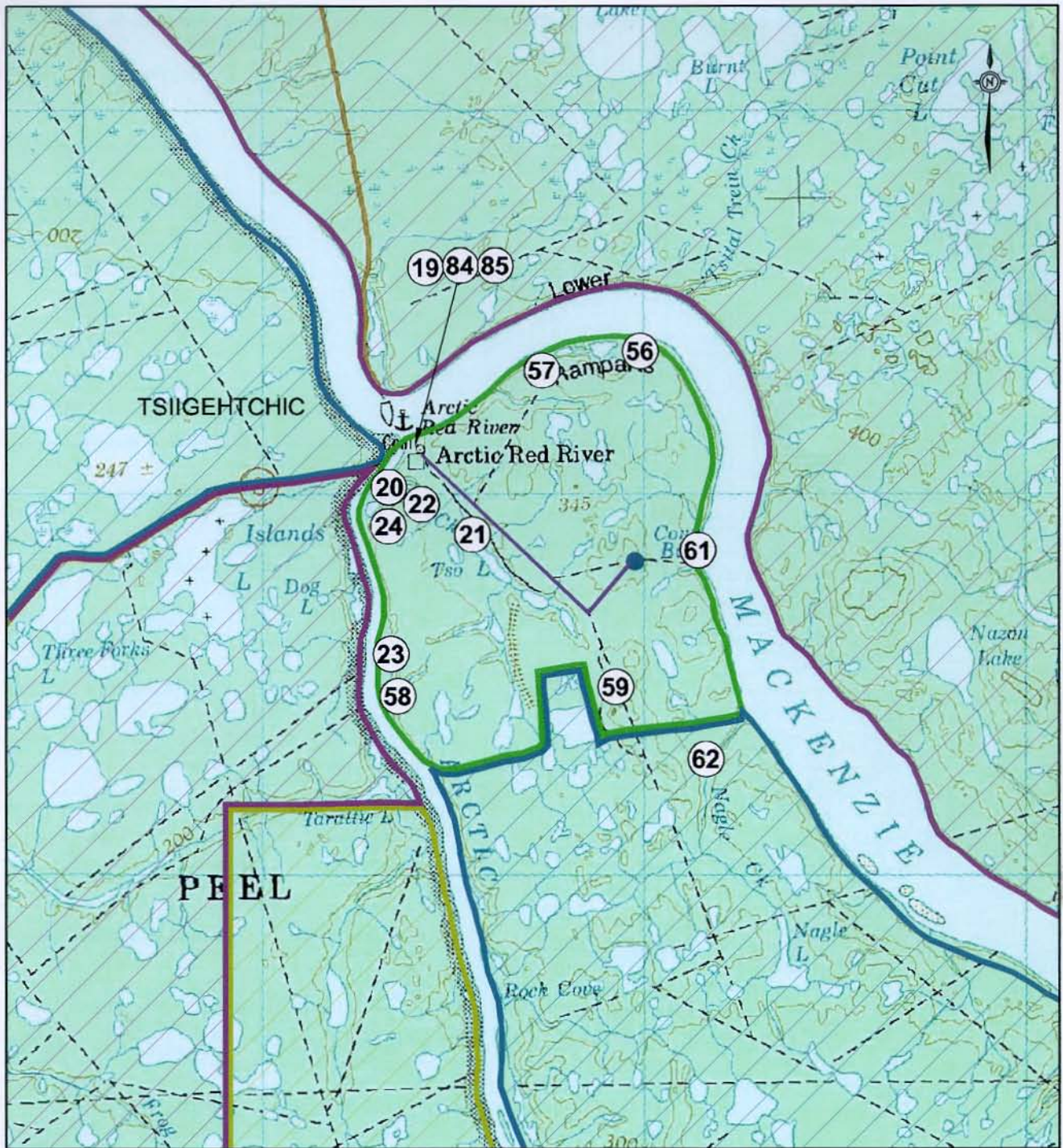


**REFERENCE**

TOPOGRAPHIC MAP SCANNED BY MAPTOWN. © 1986 HER MAJESTY THE QUEEN IN RIGHT OF CANADA. DEPARTMENT OF ENERGY, MINES AND RESOURCES. 106N NAD 27 UTM ZONE 8

|  |   |                  |                  |
|--|---|------------------|------------------|
| PROJECT  | NORTHWESTEL<br>TROPOSCATTER SITE,<br>TSIGEHTCHIC, NWT |                  |                  |
| TITLE  | PROJECT LOCATION                                      |                  |                  |
|  | PROJECT 04-1334-038.2000                              | FILE No.         | Project Location |
|  | DESIGN LB 21/12/04                                    | SCALE            | 1:150,000        |
|  | CADD JEF 22/12/04                                     | REV.             | 0                |
|  | CHECK LB 22/12/04                                     | <b>FIGURE: 1</b> |                  |
| REVIEW   |   |                  |                  |

R:\CAD\2004\1322-EA\1334\04-1334-038\2000\Land Ownership and Place Names.dwg Dec 24, 2004 - 10:04am



**LEGEND**

- TROSCATTER SITE
- PROPOSED WINTER ACCESS (EXISTING)
- 58 GWICHYA GWICH'IN PLACE NAME
- MUNICIPAL BOUNDARY
- CROWN LAND
- GWICH'IN PRIVATE LAND (SURFACE)
- GWICH'IN PRIVATE LAND (SURFACE AND SUBSURFACE)

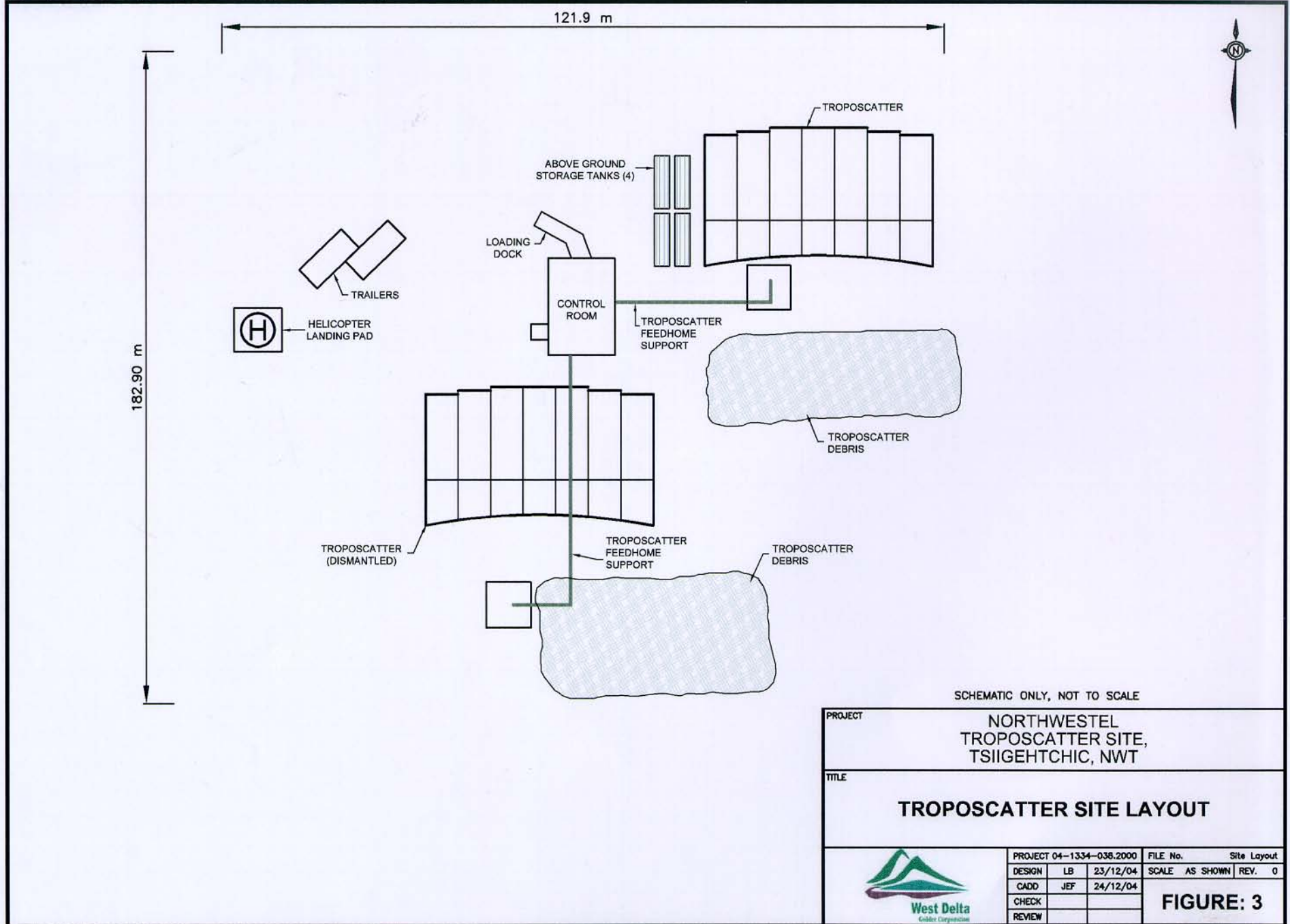


|  |   |          |                         |
|--|---|----------|-------------------------|
| <b>PROJECT</b>   | <b>NORTHWESTEL<br/>TROSCATTER SITE,<br/>TSIIGEHTCHIC, NWT</b> |          |                         |
| <b>TITLE</b>   | <b>LAND OWNERSHIP AND<br/>GWICHYA GWICH'IN PLACE NAMES</b>    |          |                         |
| <br><b>West Delta</b><br><small>Public Corporation</small> | PROJECT 04-1334-038.2000                                      |          | FILE No. Land Ownership |
|  | DESIGN LB   | 21/12/04 | SCALE 1:150,000 REV. 0  |
|  | CADD JEF  | 24/12/04 |                         |
|  | CHECK LB  | 24/12/04 |                         |
| REVIEW   |   |          |                         |

**REFERENCE**

TOPOGRAPHIC MAP SCANNED BY MAPTOWN. © 1986 HER MAJESTY THE QUEEN IN RIGHT OF CANADA. DEPARTMENT OF ENERGY, MINES AND RESOURCES. 106N NAD 27 UTM ZONE 8

**FIGURE: 2**



SCHEMATIC ONLY, NOT TO SCALE

|   |                          |   |          |             |                   |
|---|--------------------------|---|----------|-------------|-------------------|
| PROJECT   |                          | NORTHWESTEL<br>TROPOSCATTER SITE,<br>TSIIGHTCHIC, NWT |          |             |                   |
| TITLE   |                          | TROPOSCATTER SITE LAYOUT                              |          |             |                   |
|  | PROJECT 04-1334-038.2000 |   | FILE No. | Site Layout |                   |
|   | DESIGN                   | LB  | 23/12/04 | SCALE       | AS SHOWN   REV. 0 |
|   | CADD                     | JEF   | 24/12/04 |             |                   |
|   | CHECK                    |   |          |             |                   |
|   | REVIEW                   |   |          |             |                   |
| <b>FIGURE: 3</b>  |                          |   |          |             |                   |