

**Legend:**

**Settlements and infrastructure**

- Settlement, mainly Russian population
- Settlement, significant proportion of indigenous population
- Settlement, abandoned
- ✈ Airport
- Road (from satellite image)
- Track (from satellite image)

2003 High-resolution satellite imagery on GoogleEarth: more detailed observations

**Traditional land use: places from questionnaires, N=16**

- ▲ Camp site
- ▲ Camp site, former
- ▲ Multi-use site
- ▲ Fishing site
- ▲ Fishing site, former
- ▲ Hunting site
- ▲ Sea mammal hunting site
- ▲ Sea mammal hunting site, former
- ▲ Slaughtering site
- ★ River crossing
- ★ Sacred site
- ▲ Historical site

**Industrial facilities**

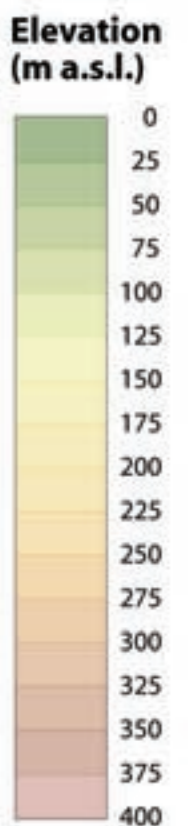
- Oil pipeline, planned
- Oil pipeline, planned, alternative route
- ▲ Oil terminal, planned (alternatives)
- Site of unknown activity (from satellite image)

**Traditional land use: areas from questionnaires, N=16**

- c Calving area
- wp Winter pastures
- m Multi-use area
- m' Multi-use area, former
- g Gathering area
- g' Gathering area, former
- f Fishing area
- h Hunting area
- s' Sea mammal hunting area, former
- my Area of spiritual significance
- Former Territory of Trad. Nature Use
- Reindeer migration route (N=16)

**Areas assigned to reindeer herding cooperatives**

- 3 SPK Indigskiy
- 4 SPK Zapolyare
- a joint use area
- 5 SPK Naryan-Marskoe OPKh
- 6 SPK Naryana-Ty
- 7 SPK im. Vyucheyskogo
- boundary of area



**Timan Ridge Land use**

IPY project MODIL-NAO  
Excerpt map from GIS database

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