## Legend Water Use WaterSourceMax Allow-2012-2013OperationSourceVol. (m3)able Use (m3)Actual Use (m3) Colour Scheme Sahtu Surface Lands 1 3,230,269 4,200 Sahtu Sub-surface Lands Husky Slater River Project 755,985 4 747,277 Conoco EL 470 Exploration 5 4,781,686 MGM East Mackay Project 6 329,680 MGM Windy Island Project 7 1,582,021 8 -Ver. 190,308 2,000 Conoco Geotechnical Assessnent areas Site Symbology Conoco 3,230,269 645,553 Airpor Campsite 3 755,985 4 747,277 Horizontal Oil Well 4,781,686 Oil Well 6 329,680 7 1,582,021 Quarry Site 8 190,308 Security Shack 9-Mac Unlim. Staging/Storage Area Water Monitoring Well Water Source Line Symbology MGM East 1- Mac Unlim. All Season Site Access Mackay River Explor completed 2D Seismic MGM Windy 1-Mac Unlim. Husky completed 3D Seismic

Island

Winter Site Access

no

reports

recived

14,516

8,183

0

6,774

0

0

0

11,836

20,112

645,553

14,650

1,052

6,048

2,821

7750

63,085

323,027

46,445

75,599

74,728

29,600

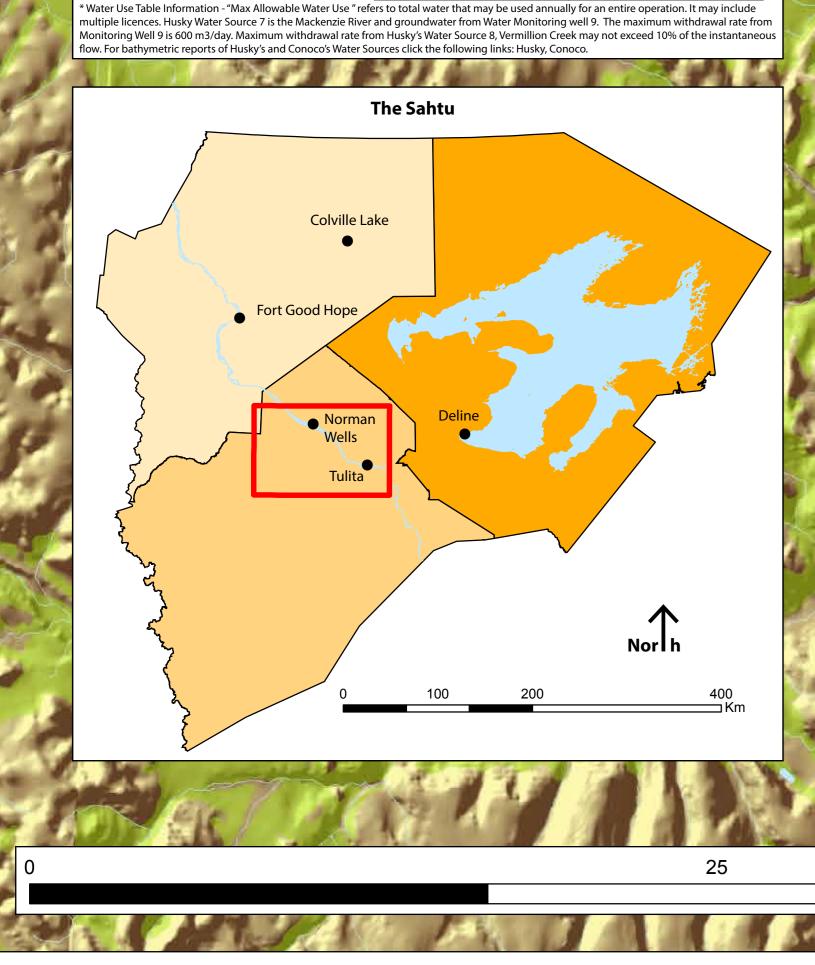
32,698

3,500

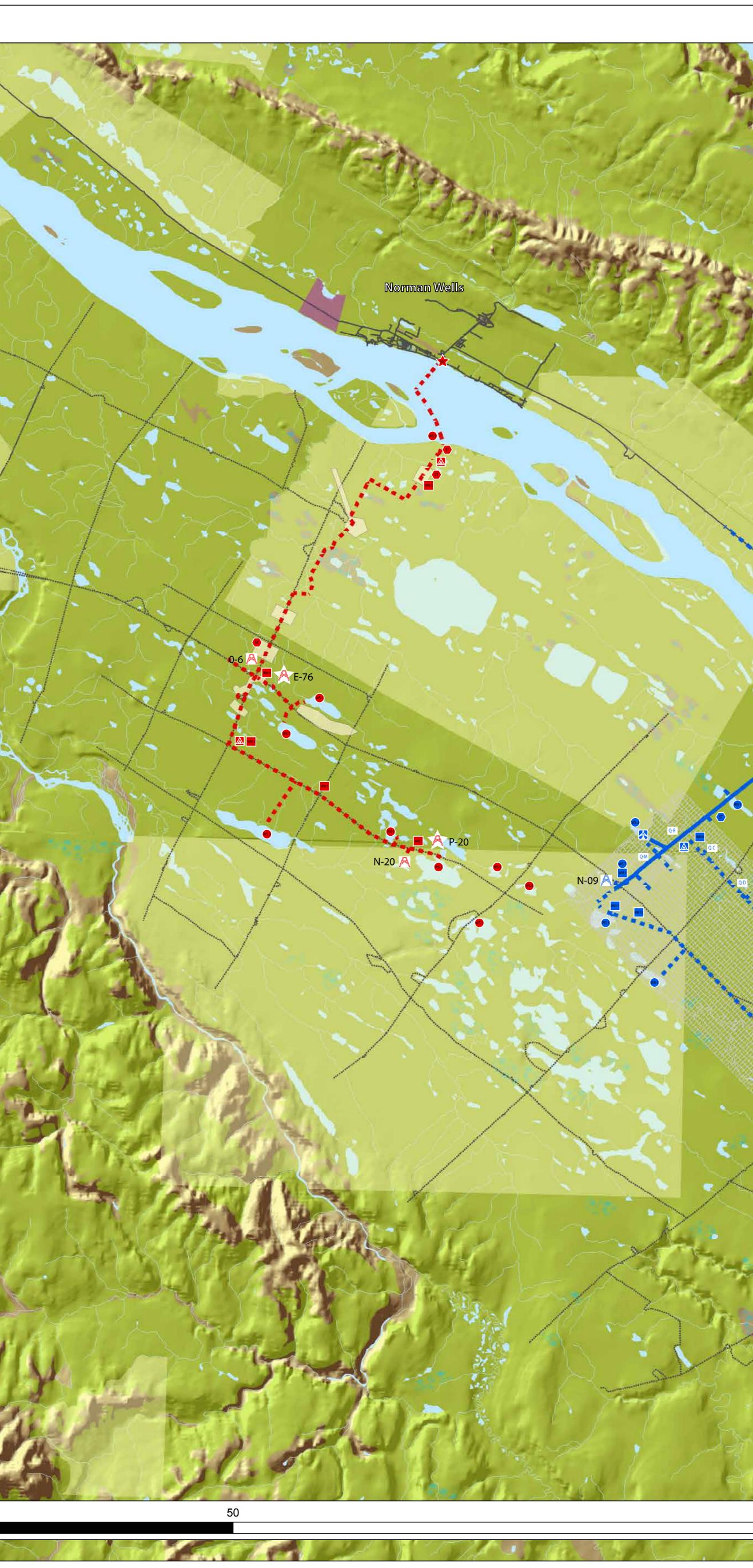
158,202

95,165

96,200



## Sahtu Oil and Gas Development 2009 - 2014



**Overview:** The following is a brief description of the Oil and Gas related programs in the Sahtu region. Past, current and future work is summarized.

**Explor** did not operate during the 2013-2014 winter season. 522.8 kms o the permitted 1017.8 kms of 2D seismi lines have been cut as of March 2014. Explor's permit is valid until December 2016. For more information, see file S11B-004 on our registry.

The MGM Windy Island Program saw no work during the 2013-2014 season Soil samples were taken during the summer of 2013 in order to assess reclamation efforts. Site remediation will continue until the Land Use Inspector believes the site has returned to its original state. For more information, see file S10L1-001 on our registry.

The MGM East Mackay Program did not operate during the 2013-2014 winter season. The I-78 well was drilled, tested and completed during February, 2013. All equipment and waste was removed from the lease and staging areas. Future work includes sampling groundwater wells and assuring the site is returned to its original state. For more information see file S12L1-001 on our registry.

Data Scale: 1:250,000

·····

100

SLWB Permits and Licences: Husky S11B-005, S11T-002/S11L3-002, S11A-003/S11L1-003, S12X-006, S12F007/S12L8-007 S13A-002/S13L1-005, S13X-003/S13L1-006. MGM S10L1-001, S12A-001/S12L1-001. Conoco S12A-005/S12L1-005, S13A -001/S13L1-004, S14J-002/S14L3-001, S14S-001. This map is not a legal document. Data is subject to change without notification. The map is for illustrative purposes

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lan Brown Regulatory Specialist Phone:(867) 598-2413 ext.224 Email: ian.brown@slwb.com

## **Project Descriptions**

Husky scaled back operations for the 2013-2014 operating season. Work in-cludes finishing all season road construction , all season barge landing pad construction and general site upkeep. For more information about camp operations see licence S13L1-006 on our registry. As of March 2014 two vertical wells, H-64 and N-09, have been drilled, tested and completed. For more information on drilling operations see S13A-002 and S13L1-006 on our registry. The 3-D seismic program has finished and regrowth is satisfactory. For more info on the seismic program see S11B-005 on our registry.

**Conoco** will be drilling two horizontal wells, E-76 and P-20, that will be hydraulically fractured during the 2013-2014 season. They will continue their groundwater and surface water monitoring program from the 2012-2013 season, as well as use the vertical wells they drilled that year as micro-seismic monitors for the fracturing work. In early 2014, ConocoPhillips has applied for a new multi-season camp and storage area, as well as a geotechnical assessment program. For more informa-tion on their drilling operation for 2013 -2014 see S13A-001 and S13L1-004 on our registry.

Projection: NWT Lambert Conformal Conic Datum: NAD 83

- TO -0

Central Meridian: -112.00 Standard Parallels: 62,70

Sources: Geobase, Geogratis NTDB, SLUPB, ANNDC