

Plan Showing Survey of

TUNDRA DALY SINCLAIR HZNTL A16-18-10-27WPM

Well Site

Terminus: 16C-18-10-27WPM

Well Site Surface Location

L.S.16C Sec.7 Twp.10 Rge.27 WPM

Municipality of Wallace-Woodworth, Manitoba

I, K. Todd Baley, Manitoba Land Surveyor certify that the survey represented by this plan is correct to the best of my knowledge and was completed on the 14th & 20th day of December, 2023.

This is a copy of an original plan, signed and sealed by K. Todd Baley, Manitoba Land Surveyor, on January 11, 2024. The original plan is held on file in the offices of GeoVerra Manitoba Land Surveying Ltd.

This copy has been prepared for distribution via electronic and other means. Should there be a discrepancy between this document and the original document, the signed, sealed original shall govern.

ELEVATION ON GROUND
AT WELL LOCATION = **489.68**

AREAS:
Well Site = HECTARES 1.440 ACRES 3.56

K. Todd Baley
Manitoba Land Surveyor



PERMIT
GeoVerra
Manitoba Land
Surveying Ltd.
No. 2020-16

CERTIFICATE OF TITLE:
NE 7-10-27WPM CT No. 2960592/2 (Parcel Two) (2023-12-19)
Clifford Omar Charles Whittle
Alana Dawn George Whittle

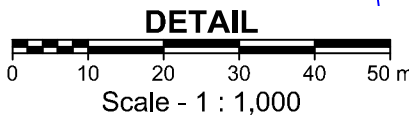
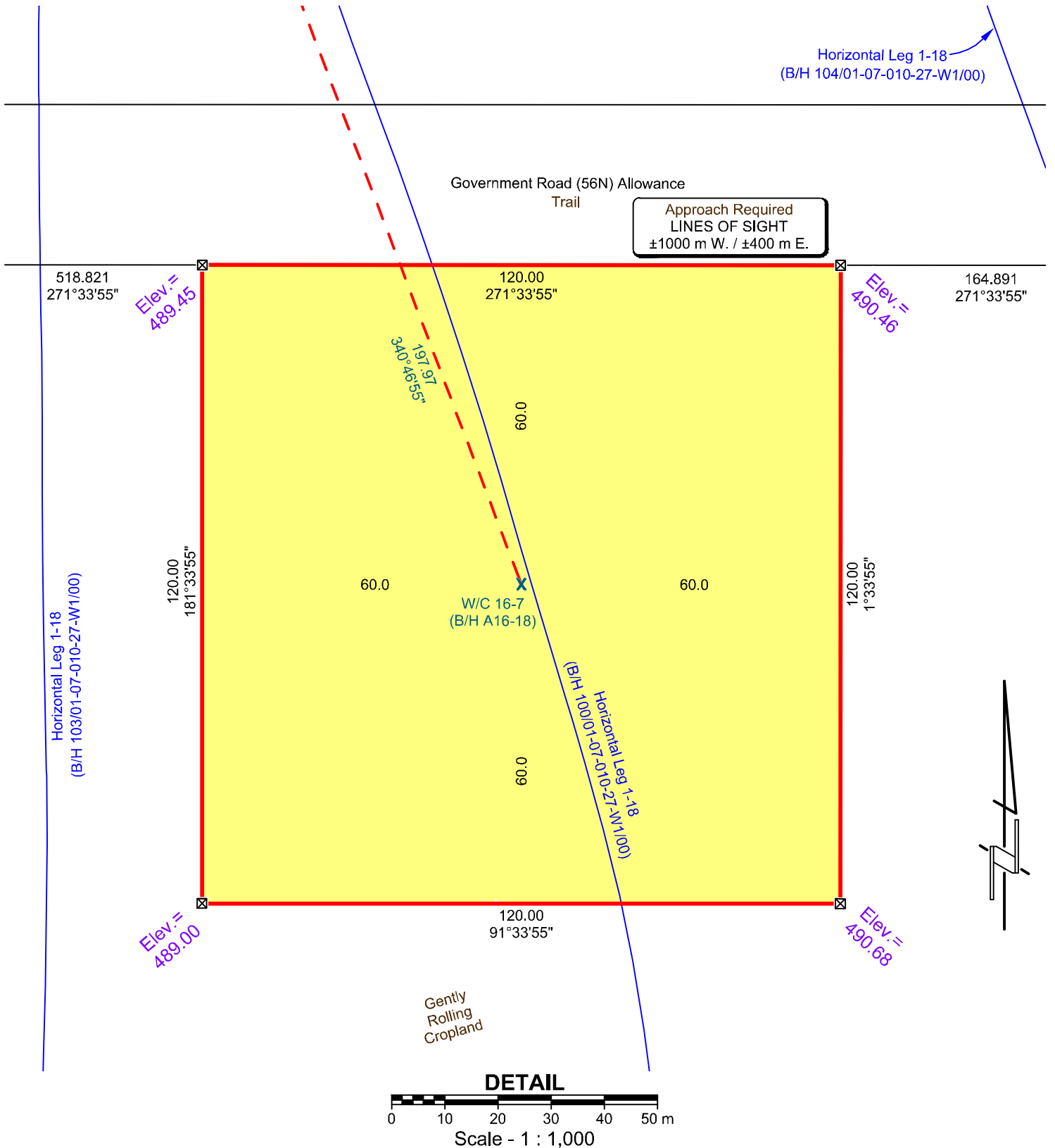
Witness (Gilbert Li)

OPERATOR: TUNDRA OIL & GAS LIMITED



GeoVerra Manitoba
Land Surveying Ltd.
Toll Free: 1-800-465-6233
www.geoverra.com

0	Issued	Jan. 11, 2024	CW/JG - GL - DE
REV.	REVISION	DATE	INITIALS
0	File: 23-04995-001-W-R0	Job No.: 23-04995	
	Client File No.:	AFE No.:	



LEGEND:

Surface Location - Horizontal / Directional / Slant	-----	X
Portions referred to outlined thus	-----	-----
Legal Survey Posts (found / planted)	-----	■
Found 0.013 Iron Bar	-----	▲
Planted 0.013 Square Iron Bar	-----	△
Calculated Point	-----	⊗
Surveyed Well Centre	-----	⊙
Producer	-----	●
Abandoned Dry	-----	○
Abandoned Producer	-----	⊖
Injection Well	-----	⊕

NOTES:

1. UTM and Geographic Co-ordinates are Derived from GNSS
2. Unless indicated otherwise, coordinates and bearings are referred to UTM Zone 14 NAD83 (CSRS) Epoch 1997, and were derived from GNSS observations to the Saskatoon base station of the Canadian Active Control System (965001).
3. Distances are ground and in metres and decimals thereof.
4. Combined Scale Factor used = 0.999816
5. Elevations are in metres, referred to CGVD28 (mean sea level) and were derived from the Saskatoon base station of the Canadian Active Control Network (965001) (Elev. = 600.674).

LICENSING INFORMATION:

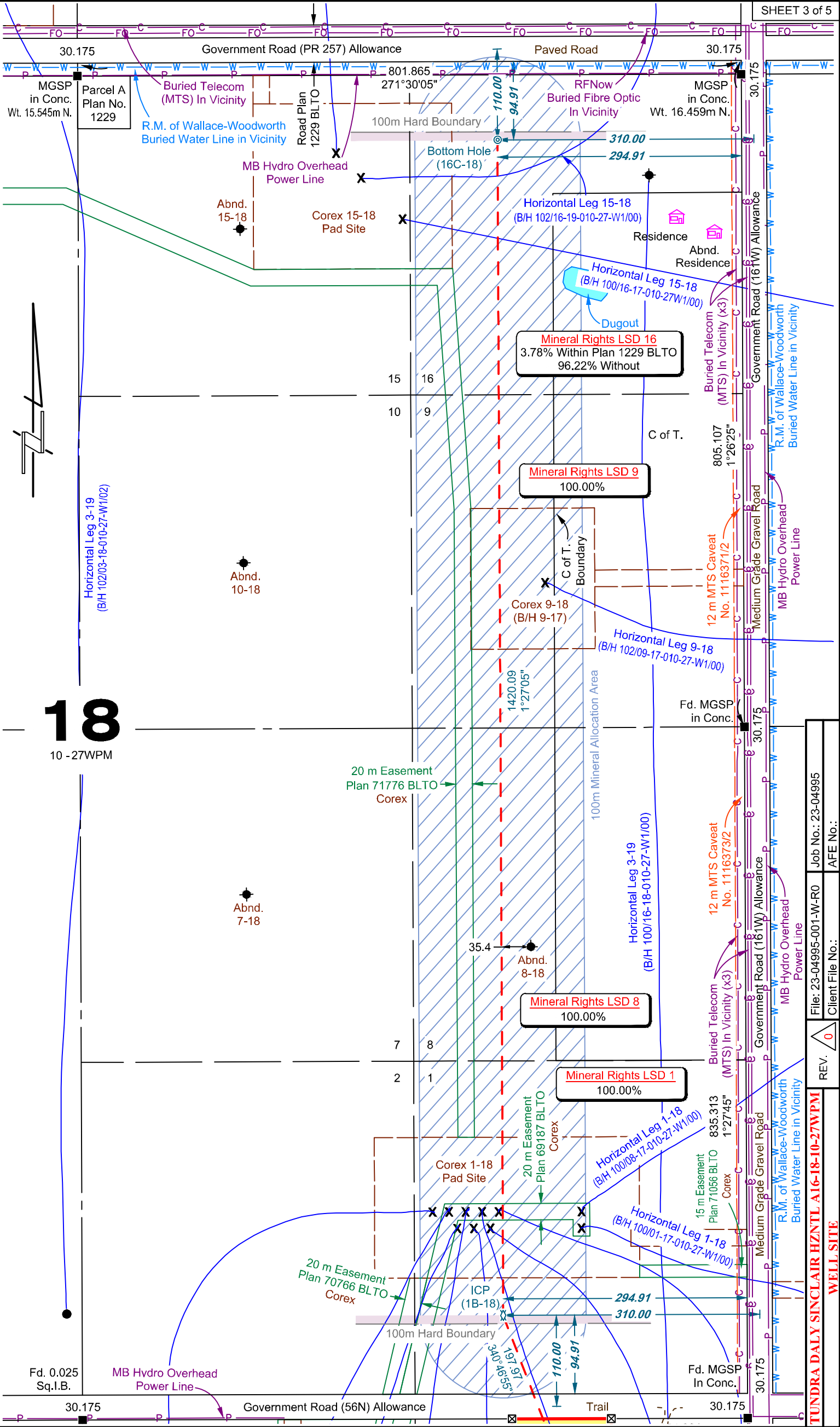
The Proposed Well :	YES	NO
- Is at least 1.5 km from the Corporate Limits of a City, Town or Village	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Is at least 100 m from a Water Covered Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Is at least 75 m from any Surface Improvements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Is at least 45 m from any Surveyed Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Is at least 75 m from any Aircraft Runway or Taxiway	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Is at least 75 m from any Water Well	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Approximately 11.8 km from the nearest Urban Centre (Virden)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Approximately 0.8 km from the nearest Residence (NW ¼ 8-10-27WPM)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This plan represents the best information available at the time of survey. GeoVerra and its employees take no responsibility for the location of any underground pipes, conduits, or facilities, whether shown on or omitted from this plan. An additional search for specific buried facilities utilizing all resources must be performed just prior to construction.

R.M. of Wallace-Woodworth, Bell MTS, Manitoba Hydro, and Manitoba Hydro-Gas Operations **MUST** be contacted for location of any underground facilities that may exist.



REV.	TUNDRA DALY SINCLAIR HZNTL A16-18-10-27WPM	
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18
10-27WPM

Mineral Rights LSD 16
3.78% Within Plan 1229 BLTO
96.22% Without

Mineral Rights LSD 9
100.00%

Mineral Rights LSD 8
100.00%

Mineral Rights LSD 1
100.00%

REV. 0	Client File No.:	Job No.: 23-04995
File: 23-04995-001-W-R0		AFE No.:
TUNDRA DALY SINCLAIR HZN TL A16-18-10-27WPM		
WELL SITE		



TUNDRA OIL & GAS LIMITED

MINERAL ALLOCATION AREA TABLE:

	PERCENT	HECTARES	ACRES	METERS ²
SEC. 18				
LSD 1	24.4764873	7.721	19.079	77211.090
LSD 8	25.5115489	8.048	19.886	80476.192
LSD 9	25.5240866	8.052	19.896	80515.742
LSD 16	24.4878772	7.725	19.088	77247.019
Total	100.0000000	31.546	77.949	315450.043

LSD MINERAL RIGHTS PERCENTAGE TABLE:

	MINERAL RIGHTS PERCENTAGE	100m. MINERAL ALLOCATION %	OWNERSHIP % OF 100m. MINERAL ALLOCATION
SEC. 18			
LSD 1	100.00	24.4764873	24.4764873
LSD 8	100.00	25.5115489	25.5115489
LSD 9	100.00	25.5240866	25.5240866
1229 BLTO within LSD 16	4.03	24.4878772	0.9868615
LSD 16 without 1229 BLTO	95.97		23.5010157
Total	N/A	100.0000000	100.0000000

COORDINATE TABLE

	LOCAL		SEC.	NAD 83		NAD 27	
	N/S	E/W		U. T. M.	GEO.	U. T. M.	GEO.
SURFACE (16C-7)	60.00 S of N	224.92 W of E	7	5521559.959 N 347107.671 E	49°49'37.076" 101°07'32.991"	5521340.112 N 347136.161 E	49°49'37.076" 101°07'31.315"
CASING POINT (1B-18)	94.91 N of S	294.91 W of E	18	5521746.860 N 347042.518 E	49°49'43.064" 101°07'36.515"	5521527.012 N 347071.009 E	49°49'43.064" 101°07'34.838"
BOTTOM HOLE (16C-18)	94.91 S of N	294.91 W of E	18	5523166.241 N 347078.474 E	49°50'29.024" 101°07'36.731"	5522946.383 N 347106.966 E	49°50'29.023" 101°07'35.054"

CARTESIAN CO-ORDINATE TABLE

	NAD 83		True North		
	N/S	E/W	N/S	E/W	
CASING POINT	186.94 North	65.16 West	185.01 North	70.44 West	of surface Location
BOTTOM HOLE	1606.57 North	29.20 West	1605.10 North	74.74 West	of surface Location
103/02-7-010-27-W1/00	314.35 North	146.82 West	310.06 North	155.67 West	of surface Location
100/02-7-010-27-W1/00	313.80 North	126.82 West	310.08 North	135.67 West	of surface Location
102/02-7-010-27-W1/00	293.53 North	117.35 West	290.09 North	125.63 West	of surface Location
102/01-7-010-27-W1/00	313.25 North	106.83 West	310.10 North	115.66 West	of surface Location
103/01-7-010-27-W1/00	292.98 North	97.35 West	290.11 North	105.62 West	of surface Location
100/01-7-010-27-W1/00	312.71 North	86.83 West	310.12 North	95.66 West	of surface Location
104/01-7-010-27-W1/00	292.44 North	77.36 West	290.13 North	85.62 West	of surface Location
105/01-7-010-27-W1/00	312.16 North	66.83 West	310.14 North	75.66 West	of surface Location
100/01-17-010-27-W1/00	289.43 North	32.62 East	290.24 North	24.40 East	of surface Location
100/08-17-010-27-W1/00	309.43 North	33.15 East	310.24 North	24.36 East	of surface Location
8-18 Abnd.	631.10 North	18.37 West	630.33 North	36.25 West	of surface Location
102/09-17-010-27-W1/00	1070.22 North	12.25 East	1070.13 North	18.10 West	of surface Location
102/16-19-010-27-W1/00	1565.83 North	195.37 West	1559.66 North	239.68 West	of surface Location
100/15-19-010-27-W1/00	1596.61 North	224.60 West	1589.60 North	269.78 West	of surface Location
100/16-17-010-27-W1/00	1514.55 North	146.63 West	1509.78 North	189.51 West	of surface Location
100/16-18-010-27-W1/00	2.64 South	126.49 East	0.95 North	126.52 East	of surface Location

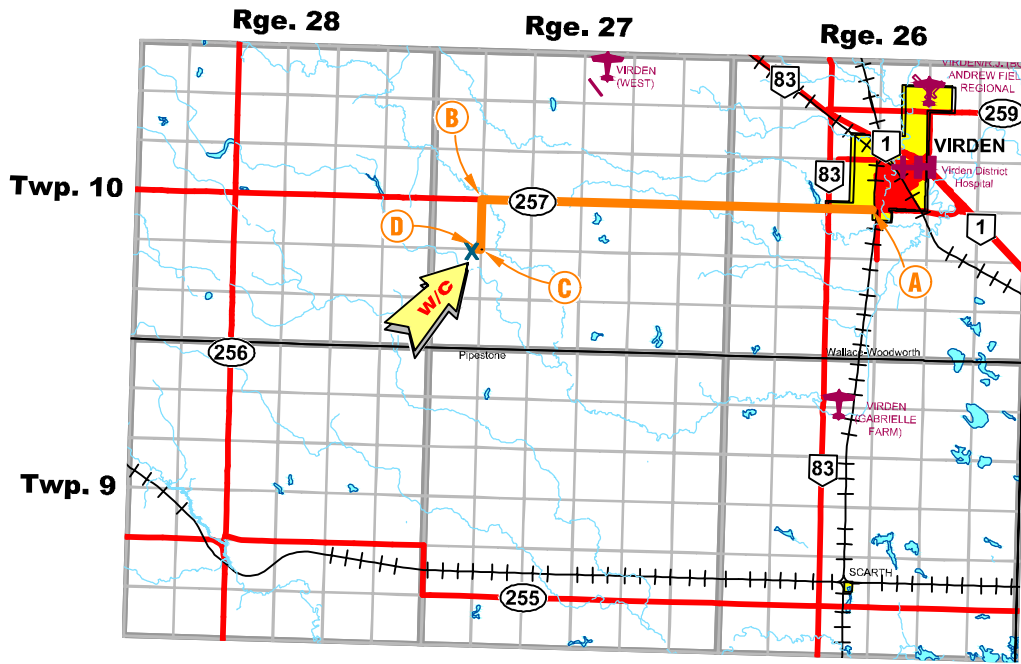
- NAD 83 distances shown are cartesian referenced to UTM GRID, NAD 83, ZONE 14

- True North distances shown are cartesian referenced to True North (Grid Convergence = -1.6247°)

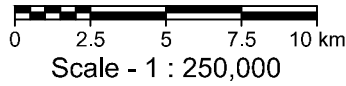
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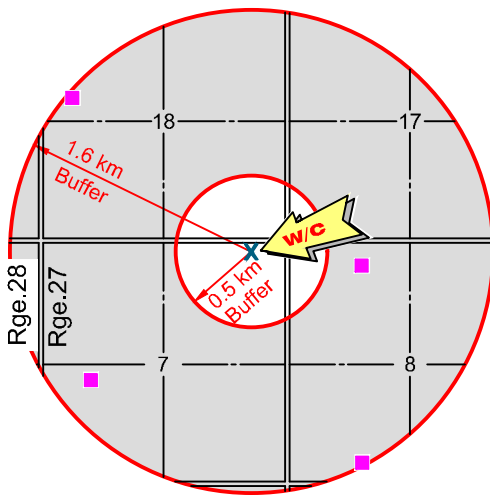
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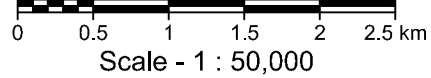
LOCATION MAP



ACCESS TABLE			
ITEM	ROAD	ROAD TYPE	LENGTH
A - B	P.T.H. 257	Paved Road	±12.9 km
B - C	Road (161W) Allowance	Medium Grade Gravel Road	±1.6 km
C - D	Road (56N) Allowance	Trail	±0.2 km
		Total	±14.7 km



SURFACE DEVELOPMENT



NOTE:

Residences are shown thus:
 Are there any Public Concerns? YES NO

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