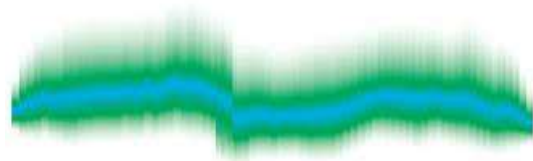


APPENDIX F5

Athena –
Phase 1 ESA



Bifrost

Environmental and Remediation Services Inc.



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Netook Development Area
Portion of NW 2-33-1 W5M
Mountain View County, Alberta**

Prepared For:

Greg Brown, MBA, BES, RPP, MCIP
Advisor / Planner
B&A Planning Group
600 215 9th Avenue SW
Calgary, Alberta, T2P 1K3

Prepared By:

Athena Environmental Consultants Ltd.
364 Spruce Street
Springbrook, AB
T4S 0P1

Athena Project #21-0018

November 15, 2021



Greg Brown, MBA, BES, RPP, MCIP
Advisor / Planner
B&A Planning Group
600 215 9th Avenue SW
Calgary, Alberta, T2P 1K3
gbrown@bapg.ca

November 15, 2021

Dear Mr. Brown:

**Re: Phase I Environmental Site Assessment
Netook Development Area, Mountain View County, Alberta
Portion of NW 2-33-1 W5M**

We are pleased to submit our report describing the findings of our Phase I Environmental Site Assessment for the subject property.

If you have any questions or require further clarification of the report findings, please contact the undersigned at your convenience. Thank you for the opportunity to be of service.

Sincerely,

Wendy E.R. Thorne, B.A.Sc., M.E.Des., P.Eng.
Principal
Athena Environmental Consultants Ltd.
T: 403-246-1986
C: 403-620-3736
E: wthorne@athenaenv.ca



EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment was conducted for 50.75 ha cultivated land located at NW 2-33-1 W5M in Mountain View County, Alberta. The purpose of the Phase I Environmental Site Assessment was to determine, on the balance of probabilities, whether there was likely to be significant environmental liability associated with this property. Environmental assessment of this property was required to support development of the subject property.

The subject property has been consistently used for agricultural purposes. There are two natural gas pipelines along the east property boundary but these are of low concern. Hazardous building materials are not of concern since no buildings were present on the subject property.

The only activity within 300 m of the subject property that could have the potential for contaminant migration onto the subject property was the well site located at 14-2-33-1 W5M, adjacent to the subject property. The well was a sweet gas well drilled in 2004 and abandoned in 2018. This well appears to be in the process of reclamation, as no reclamation certificate was on file. In light of the regulatory requirements in place during the period in which this well was operated and abandoned, it seems reasonable to assume that the likelihood that potential contaminants of concern affecting the subject property is relatively low.

In summary, there was no evidence of significant environmental liabilities associated with the subject property. The need for more invasive Phase II Environmental Site Assessment does not appear warranted, nor is any recommended, at this time.

Any groundwater source wells found on the subject property should be decommissioned by a certified driller. Groundwater wells are a potential pathway for migration of contamination into the subsurface and may pose a safety hazard.

In the very unlikely event that any buried foreign materials, stained or noxious smelling soils are encountered during site development, a qualified environmental consultant should be contacted to determine whether there is a significant environmental concern associated with these materials, and the proper means of disposal. In the very unlikely event that drilling fluids are encountered, the Alberta Energy Regulator should be contacted and informed, so this can be resolved during the wellsite reclamation certification process.



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1.0 INTRODUCTION

1.1 Purpose and Scope

Athena Environmental Consultants Ltd. was retained by Greg Brown, Advisor / Planner, B&A Planning Group, through signed acceptance received by email on June 24, 2021 of a proposal dated May 15, 2021. The purpose of this project was to conduct a Phase I Environmental Site Assessment (ESA) for a property located in Mountain View County, Alberta. The property consisted of 50.75 ha of cultivated land. The property location was east of the Town of Olds, one quarter section north of the intersection of Highway 27 and Range Road 12, one the east side of Range Road 12. The legal description of the property was NW 2-33-1 W5M. The west portion of NW 2, consisting of Plan 9910326 Block 1, and Plan 9911244 Blocks 2 to 11, is not included in this assessment. Environmental assessment of this property was required to support development of the subject property.

The purpose of Phase I Environmental Site Assessment is to collect readily available current and historical information in order to determine, on the balance of probabilities, whether there are likely to be significant environmental liabilities associated with a particular property, particularly in the form of contamination.

1.2 Background

Base Property Consultants Ltd conducted a Phase I ESA of W 1/2 2-33-1 W5M which included the subject property, as well as SE 2-33-1 W5M and SE 3-33-1 W5M, in April 2008. A portion of the west side of NW 2 had been subdivided into residential acreages, and was outside the study area. A sweet natural gas pipeline crossing the northeast corner of NW 2 (the current subject property) was identified. An oil and gas battery adjacent to the east-central portion of NW 2 was also identified.

Outside the current subject property, was a wellsite located within SE 3-33-1 W5M. There was a former gas station located in SE 2-33-1 W5M; we note that this was over 300 m from the current subject property. SW 2-33-1 W5M also had an above-ground fuel tank present. This tank was on a farmstead which was well over 300 m from the current subject property. A Phase II ESA was recommended for both SE 2 -33-1 W5M and SE 3-33-1 W5M.

A follow-up Phase II ESA of two selected locations within SE 2 and SE 3 33-1 W5M was completed by Base Property Consultants Ltd. in October 2008. The locations included an abandoned wellsite within SE 3-33-1W5M, and a service station adjacent to SE 2-33-1W5M. A total of 37 boreholes were advanced, four of which were completed as groundwater monitoring wells. Three soil and one



groundwater sample were submitted for laboratory analysis. There were no exceedances of the prevailing guidelines for metals in the two soil and groundwater samples, except for manganese in the groundwater sample, which is typically naturally elevated in southern Alberta. In the one soil sample submitted for hydrocarbon analyses there were no exceedances of the prevailing guidelines. There were no detectable VOCs in the two samples submitted for analysis. The report concluded there was no significant impact to these sites.



2.0 METHODOLOGY

This Phase I Environmental Site Assessment (ESA) included the collection and interpretation of current and historical information which was readily available within a reasonable time frame, and relevant to the potential for building or site contamination. This assessment was generally conducted to meet the requirements of the following:

- Alberta Environment and Parks *Alberta Environmental Site Assessment Standard* (2016),
- Canadian Standards Association *Phase I Environmental Site Assessment Standard Z768-01* (most current version; reaffirmed 2006),
- CMHC *Environmental Assessment Guidelines for Residential Development* (1995), and

These requirements were interpreted or modified according to professional judgment based on previous experience and current environmental assessment practice standards, as specified within each set of requirements.

The first stage of the Phase I ESA was a search of available records for information pertaining to the site. These included but were not limited to the following:

- Historical property titles;
- Historical aerial photographs;
- Underground and above ground fuel and lubrication oil storage tank records;
- Current and historical site and building plans, where available; and
- Operator and/or company environmental records, including but not limited to permits, waste management methods or disposal manifests, spill or emissions reports, chemical inventories, monitoring data, and previous consulting reports.

Records searches for information pertaining to the site and surrounding area included but were not limited to:

- Municipal databases, directories, and land use plans relating to current and historical land use of the site and surrounding area;
- Fire insurance maps, where coverage is available;
- Provincial databases relating to site physiography, regulatory approvals and compliance, and specific types of land uses associated with the potential for contamination; and
- Publicly available environmental reports and correspondence for the site and surrounding area.



Records search distances were determined based on:

- potential for site contamination, given the general current and historical land use of the subject property and surrounding area;
- the maximum likely migration distance of any suspected sources of contamination;
- planned or likely future uses of the subject property;
- availability of information; and
- the requirements of the Alberta Environment and Parks 2016 *Site Assessment Standard*.

The second stage of the Phase I ESA was a site inspection and follow-up telephone interview. The purpose of this inspection was to observe current site conditions and activities, and activities being conducted on surrounding properties with the potential for significant environmental impacts. The site inspection was conducted by Athena Environmental Consultants Ltd. staff; additional information was provided by Greg Brown.



3.0 RESULTS

3.1 Interpretation of Historical Aerial Photographs

Historical aerial photographs were obtained and reviewed; preferably at five-year intervals or as available, and back to a date prior to when development first appeared in the area of the subject property. Priority was given to selecting photographs taken at a smaller scale. The historical aerial photographs were obtained through Alberta Environment and Parks. Relatively current photos were also obtained from Google Earth. Aerial photographs were listed and interpreted in Table 1. Due to copyright restrictions, they have not been reproduced.

The subject property has been agricultural in use since at least the 1940s. The surrounding area has also been predominantly agricultural, with the exception of rural residences along the west boundary of the quarter section, and the golf course to the west. A wellsite was observed adjacent to the east of the subject property. There is some commercial development to the southeast of the subject property, at the intersection of Highway 27 and Highway 2.

Table 1. Interpretation of Historical Aerial Photographs		
Date	Original Scale	Observations
2021	n/a	<p>The subject property is under cultivation. The central portion of the property is treed with what appears to be a ponded area. There are also trees along the east property boundary.</p> <p>The adjacent sites to the north, east, and south are under cultivation. There are rural residences along the west boundary of the quarter section that contains the subject property. The quarter section west of NW 2 contains a golf course. There is some commercial development one quarter section south and one quarter section east of the subject property, at the intersection of Highway 27 and Highway 2.</p>
2015	1:15,000	No significant changes were noted from the 2021 photo. The well site to the east of the subject property appears as a ponded area.
2011	n/a	No significant changes were noted from the 2015 photo



Table 1. Interpretation of Historical Aerial Photographs		
Date	Original Scale	Observations
2009	n/a	The well pad visible in the 2005 photo contains a production building; most of the pad is vegetated and the lease access road is barely visible.
2005	1:40,000	A well pad with berms and lease access road can be seen adjacent to the east of the approximate centre of NW 2.
2003	n/a	Rural residences along the west side of the quarter section that contains the subject property (NW 2) are in the process of being developed.
1998	1:30,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.
1991	1:20,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.
1985	1:25,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section. Construction of the golf course to the west of the subject property appears to be complete.
1980	1:30,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section. A golf course is under construction to the west of the subject property.
1975	1:24,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.
1969	1:24,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.
1963	1:31,680	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.
1949	1:40,000	The subject property is agricultural in use. There is a farmstead present in the southwest corner of the quarter section.

3.2 Results of Historical Titles Search

Historical land titles for the subject property were obtained through Alberta Registries. A search was requested to patent, based on the results of the historical aerial photograph review. The titles were



reviewed for information of environmental significance. This included but was not limited to the occupations or business interests of previous owners, utility right-of-ways, easements, restrictive covenants, oil and gas leases, and landfills. A summary of the results of the historical land title review is provided in Table 2.

The subject property has generally been owned by farmers since patent. In 2008 it was transferred to a private individual and two companies. This was the first time it was not owned solely by private individuals.

Table 2 - Summary of Historical Land Titles					
Date	Title Number	Description	Landowner	Additional Information	Particulars
06/02/2008	081 049 654	Portions of NW 2-33-1 W5M	Abe Neufeld And 1273927 Alberta Ltd And 404048 Alberta Ltd		Caveat: Financial Development Agreements With Mountain View County Utility Right Of Way In Favour Of Foothills Natural Gas Co- Op Ltd
26/01/2001	011 026 121 +6	Portions of NW 2-33-1 W5M	Wilfred Mooney Burton	Farmer	
20/04/1999	991 103 986 +4	Portions of NW 2-33-1 W5M	Wilfred Mooney Burton	Farmer	
27/01/1999	991 024 133 +1	Portions of NW 2-33-1 W5M	Wilfred Mooney Burton	Farmer	
13/02/1969	155R156	Portions of NW 2-33-1 W5M	Wilfred Mooney Burton	Farmer	
Nov 8, 1961	124 R 65	NW 2-33-1 W5M	Henry Mellendorf	Farmer	Caveat: Financial
April 25, 1960	118 R 140	NW 2-33-1 W5M	Stefan Kupyna	Farmer	
Mar 27, 1957	106 O 58	NW 2-33-1 W5M	Oliver Louis Moritz And Kathryn Alice Moritz	Farmer	
Mar 27, 1957	106 O 56	NW 2-33-1 W5M	Oliver Louis Moritz And Kathryn Alice Moritz	Farmer	
Feb 13, 1948	78 N 10	NW 2-33-1 W5M	Edwin L. Bentz and Kathryn	Farmer	



Table 2 - Summary of Historical Land Titles					
Date	Title Number	Description	Landowner	Additional Information	Particulars
			Alice Bentz and Marvin Lester Bentz		
Feb 13, 1948	78 N 6	NW 2-33-1 W5M	Edwin L. Bentz and Kathryn Alice Bentz	Farmer	

3.3 ESAR Search

The Alberta Environment and Parks Environmental Site Assessment Repository (ESAR) database contains records of Phase I and Phase II Environmental Site Assessments, Site Remediation and Reclamation, and Risk Management Plans which have been submitted to the provincial regulatory authority where required, or in support of a development application. The database also contains inter-government correspondence relating to sites that have been identified as contaminated. The database came into operation in April, 2009 and contains all electronic records related to the above mentioned activities that are available for routine disclosure. There was one set of records were indicated on the ESAR database within a 300 m search radius (as specified in the Alberta Environment Tier 1 Guidelines) of the subject property. Upon review of the records it was found that the site was actually at a distance greater than 300 m from the subject property.

3.4 Municipal Records Search

A file search was requested through Mountain View County. Results were completed on August 10, 2021 and received by email from Vicki Lodermeier, Administrative Assistant, Legislative, Community & Agricultural Services Dept.

There was a drainage complaint on file for NW 2-33-1- W5M related to overland drainage. The report concluded that the issue was a civil matter. Most of this was redacted.

The Netook Crossing North Concept Plan was also included but did not include any information of environmental concern. The Base Property Phase I and Phase II ESA reports summarized in Section 1.2 of this report were also included. A BIA report was completed by Sweetgrass Consultants Ltd. in Sept 2008.



3.5 Zoning and site Development

According to the Mountain View County Land Use Map, accessed online, the subject property was zoned as Agricultural District (A). Permitted land uses and building requirements were provided in Section 11.1 6 of the Mountain View County Land Use Bylaw No. 16/18. The purpose of Agricultural Districts is “accommodate and promote agriculture land uses on larger parcels while having regard for the rural, agricultural character of the area.”

3.6 Storage Tanks

A search request for information regarding active or abandoned petroleum storage tanks associated with the subject property was submitted to the Alberta Safety Codes Council (ASCA). This database includes only information reported through registration or a survey of abandoned sites completed in 1992 and should not be considered as comprehensive. According to ASCA records, there were no underground or aboveground fuel storage tanks registered at the subject property.

3.7 Alberta Environment Authorization Viewer

The Alberta Environment Authorization Viewer is an online database of documents related to approvals, licenses, registrations, authorizations, permits and certificates issued under the *Water Act* and *Environmental Protection and Enhancement Act*

There was 1 active approval and 1 inactive approval registered on the Alberta Environment Approvals database for 2-33-1-W15M. The active approval was held by Blair Burto under the Water Act and does not expire. No additional information about the approval was available on the database. The inactive approval was held by Vero Energy Inc. under the Water Act. The approval was for rig water supply for a well in 14-2-33-1 W5M. A search was also conducted for NE 3-33-1 W5M which contained a Golf Course. There were 2 active and 7 inactive approvals held by Olds Golf Club Association which were for diversion of water for the golf course.

3.8 Alberta Environment Compliance/Enforcement Database

A search was made of the Alberta Environment Compliance / Enforcement database by the legal Plan number which includes the subject property, as well as the company name of the current owner. This database includes information on Alberta Environment compliance and enforcement activities since January 1, 2008.

All three sections of the database were searched:

1. Warning letters, tickets, and administrative penalties.



2. Enforcement Orders / Environmental Protection Orders / Water Management Orders since January 1, 2009
3. Prosecutions under AEPEA and the Water Act.

No compliance or enforcement activities relating to the subject property were found.

3.9 Alberta Environment Landfill Inventory

A search was conducted of a landfill inventory conducted on behalf of Alberta Environment and Environment Canada in 1982, contained in the report “Identification and Verification of Active and Inactive land Disposal Sites in the Province of Alberta” (MacLaren Plansearch Lavalin, 1982). The inventory included both active and inactive land disposal sites. The inventory identified 1152 landfill disposal sites, of which 705 were active, and 447 were inactive. Data pertaining to the relative risk of each site was also collected and reported.

The landfill inventory was searched for sites within ATS locations 2 and 3 33-1 W5M. No sites were found within these locations.

3.10 Help End Landfill Pollution (HELP) Data Tracking and Management Control System

The Help End Landfill Pollution (HELP) program was conducted on behalf of Alberta Environment from 1986 to 1988, to inventory, assess, and conduct risk management at industrial sites throughout Alberta likely to pose a significant threat to human or environmental health. The Data Tracking and Management Control System contains a list of the sites identified during the HELP program (termed “industrial landfills”) with a summary of their status as of June, 1988. There is no public record of any updates having been released.

The HELP list was searched for sites within 300 m of the subject property. No sites were found.

3.11 National Pollutant Release Inventory

The National Pollutant Release Inventory is a database that consists of a record of pollutant releases maintained by Environment Canada. This database was accessed online to identify the pollutant releases within a 300 m radius of the subject property. The database does not allow for searches to be conducted by NTS, ATS, or legal description, but does contain the postal code for each facility listed in the database. To limit search results to those most likely to be within 300 m of the subject property, the postal code that covers the subject property was used. The results found a total of 171 facilities for the 2017 reporting year within the T0M postal code which included the subject property.



However, based on site coordinates provided in the database, none of the sites were within a 300 m radius of the subject property.

3.12 Site Physiography

The physiography section of this report, provided below, is a general desktop overview of site physiography, based directly on information from government reports and databases. This section is meant only for the purpose of this report. The databases used for this overview are not always up to date, may not have been ground truthed, or validated to the scale of the subject property. Where this section may have regulatory or financial implications, a qualified professional should be consulted to validate this information specifically for the subject property.

3.12.1. *Surface Water*

From a review of Google Earth and the Alberta Environment “Water Well Information Database” it was found that the nearest permanent water body was an unnamed ponded area located approximately on the subject property.

3.12.2. *Flood Hazards*

The Alberta Environment “Flood Hazard Identification Program” database, accessed online, showed the subject property as not being within a flood study area. The nearest flood study area was approximately 40 km to the west. It should be noted that this was not intended to be a detailed review of flood hazards for the subject property.

3.12.3. *Soils*

Soils information was obtained from the Alberta Agriculture “Alberta Soil Information Viewer” map-based database. Soils in the area of the subject property were identified as Antler and Didsbury soil types. These were well drained medium textured loamy soils. They were classed as Orthic black chernozems, which have darker and thicker topsoil (A horizon), and tend to support a mix of grass, forbs, and trees. (NRC Canada, 1998.)

3.12.4. *Surficial Geology*

A surficial geology map of the area of the subject property was accessed online (Shetsen, 1983). The surficial geology was mapped as being stagnation moraine and draper moraine. Draper moraine is defined as up to 5 m of till that contains minor amounts of water sorted material. Bedrock may be exposed in some areas. Stagnation moraine is till of uneven thickness that is water sorted in some areas and can be up to 30 m thick.



3.12.5. Groundwater Source Wells

An online search was conducted of the Alberta Environment “Water Well Information Database”. A total of 24 groundwater source wells were shown on the database within 400 m of the subject property, or with the potential to be located within 400 m of the subject property. The wells were registered for domestic, stock, other, and unknown use. Well depths generally ranged from 17 m to 195 m. Well lithologies were generally logged as till with rock and boulders, that transitioned to interbedded sandstone and shale. The static water level was recorded to range from 2.32 m to 40.54 m.

3.12.6. Wetlands

The Alberta Merged Wetland Inventory, maintained by Alberta Environment, was accessed online to identify potential wetlands located within 400 m of the subject property. Wetlands are rated by Alberta Environment based on the following five criteria: biodiversity, water quality improvement, flood reduction, human uses, and abundance (Alberta Environment, 2014). The Alberta Wetland Policy assigns a relative wetland value, such as A, B, C, or D, where A denotes the highest value for the wetland to D being the lowest value.

There were an estimated 14 hectares of wetlands found within NW 2-33-1-W5M. A total of 6 hectares were assigned a C value and 7 hectares were assigned D value. They were classed as marsh type of wetland. Some of these wetlands appeared to be located on the subject property

It should be noted that the inventory is an approximation only and must be verified by a qualified wetlands practitioner.

3.13 Alberta Energy Regulator

The Alberta Energy Regulator (AER), formerly Energy Resources Conservation Board (ERCB), “OneStop Public Map Viewer” database was searched in the area of the subject property for complaints and releases relating to oil and gas activity, and also for well and pipeline locations. Search results are summarized in Table 3 below.

Table 3. AER Record Search	
Record	Result
Complaints	None
Releases	None
Pipeline Locations	P47837-1 was licensed to Whitecap Resources Inc. and carried natural gas.



	P22854- 24 was licensed Foothills Natural Gas Co-op Ltd. and carried natural gas.
Well Identifiers	Well License 0308847 was licensed for White Cap Resources. See below for more information.
Facility Identifiers	None

The AER Abandoned Well Viewer database, available online, was searched. The database contains all abandoned wellsites in the province of Alberta. An abandoned well record was found with the potential to be located within 300 m of the subject property. The well was licensed to Whitecap Resources Inc. and was listed as abandoned. The license number was 0308847, and it was located in 14-02-033-01W5. The well was drilled in 2004, was suspended in September 2006, and then abandoned in November 2018.

3.14 Site Inspection

A site inspection was conducted on July 16, 2021, by Athena Environmental Consultants Ltd. staff. The weather was clear and dry with a temperature high of 26°C. The ground surface of the subject property was dry with a canola crop that was about 1.2 m tall. There were no buildings on the subject property. Site access was from Range Road 12. All areas of the subject property were available for inspection, however the height of the crop impeded access and ground visibility. An additional inspection was completed on November 12, 2021

The subject property was under cultivation. The area was generally level. There were tree stands in the centre of the property as well as along the east property line, and in some places along the west property line. The treed area in the central portion of the property was fenced off and had a large ponded area. It appears that the farmstead that was in the quarter section that makes up the property has been subdivided out and is no longer part of the subject property.

To the north, east, and south were fields under cultivation. Foothills Natural Gas Co-op had warning signs for a natural Gas Pipeline on the adjacent site to the south. Adjacent to the west were newer rural residences and a Golf Course.



4.0 CONCLUSIONS AND RECOMMENDATIONS

A Phase I Environmental Site Assessment was conducted for 50.75 ha cultivated land located at NW 2-33-1 W5M in Mountain View County, Alberta.

The purpose of the Phase I Environmental Site Assessment was to determine, on the balance of probabilities, whether there was likely to be significant environmental liability associated with this property. Environmental assessment of this property was required to support development of the subject property.

Readily available relevant information was gathered and interpreted. In addition, a site tour and site inspection were conducted. All areas of the property were accessible during the site inspection.

4.1 Onsite sources of Contamination

The subject property has been consistently used for agricultural purposes. There appears to have been no other uses associated with the property except the two natural gas pipelines located along the east portion of the property. However, these are considered low risk. Hazardous building materials are not of concern since no buildings were present on the subject property.

4.2 Offsite Sources of Contamination

The only activity within 300 m of the subject property that could have the potential for contaminant migration onto the subject property was the well site located at 14-2-33-1 W5M, adjacent to the subject property. The well was a sweet gas well and was drilled in 2004. Based on the available records, it appears to only have produced until 2007 before being shut in in 2010. It was abandoned in 2018. This well appears to be in the process of reclamation, as no reclamation certificate was on file. It was not possible to obtain the Tour Report for this well within a reasonable time frame.

In light of the regulatory requirements in place during the period in which this well was operated and abandoned, it seems reasonable to assume that the likelihood that potential contaminants of concern affecting the subject property is relatively low. Given that there is a fence between NW 2 and NE 2, the possibility of drilling fluids disposal on the subject property is extremely remote.

4.3 Recommendations

In summary, there was no evidence of significant environmental liabilities associated with the subject property. The need for more invasive Phase II Environmental Site Assessment does not appear warranted, nor is any recommended, at this time.



Any groundwater source wells found on the subject property should be decommissioned by a certified driller. Groundwater wells are a potential pathway for migration of contamination into the subsurface and may pose a safety hazard.

In the very unlikely event that any buried foreign materials, stained or noxious smelling soils are encountered during site development, a qualified environmental consultant should be contacted to determine whether there is a significant environmental concern associated with these materials, and the proper means of disposal. In the very unlikely event that drilling fluids are encountered, the Alberta Energy Regulator should be contacted and informed, so this can be resolved during the wellsite reclamation certification process.



5.0 CLOSURE

This report is respectfully submitted to Greg Brown of B&A Planning Group. We trust that this report suits your present requirements. Should you have any questions, please do not hesitate to contact us.

Prepared by:



15 November 2021
Natasha M. Pitt,
B.Sc., P.Chem.

Reviewed by:



15 November 2021
Wendy E.R. Thorne,
B.A.Sc., M.E.Des., P.Eng.

PERMIT TO PRACTICE	
ATHENA ENVIRONMENTAL CONSULTANTS LTD.	
Signature	<u>Wendy E.R. Thorne</u>
Date	<u>November 15, 2021</u>
PERMIT NUMBER: P12929	
The Association of Professional Engineers and Geoscientists of Alberta	



6.0 LIMITATIONS

This assessment update was based on the results acquired using the methodology set out in this report. Information provided to us by the current owner of the property, government records and databases, and statements made by government officials, was assumed to be correct. Except as stated, Athena Environmental Consultants Ltd. did not make an independent verification of historical or analytical results provided by third parties.

The opinions in this report were prepared using scientific judgment, principles, and practices, following the generally accepted methods of environmental science. However, because of the inherent uncertainty in this process, no guarantee of conclusion was intended nor can be given. All findings and conclusions stated in this report were based on facts and circumstances as they existed during the time period of the assessment, and on visual observations made of the site, as available or possible within the limits of the mutually agreed upon scope of work, budget, schedule and time of year. The conclusions of this report did not apply to any areas of the site not available for testing or inspection.

This report was prepared taking into account current government regulations, but does not constitute a thorough regulatory review and does not reflect regulations that may be enacted in the future.

This report was not intended to be exhaustive in scope, nor imply a risk-free facility. Any change in fact or circumstances upon which this report is based may adversely affect the expressed findings and conclusions.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the responsibility of such third parties. Athena Environmental Consultants Ltd. makes no representation of fact or opinion of any nature whatsoever to any person other than the company, organization, or individual to whom this report is addressed. We accept no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken, based on this report.



7.0 REFERENCES

- Agriculture and Agri-Food Canada. (2013). The Canadian System of Soil Classification, 3rd edition. Retrieved from <http://sis.agr.gc.ca/cansis/taxa/cssc3/index.html>.
- Alberta Agriculture and Forestry. (2018). Alberta Soil Information Viewer. [Map illustrates soil type for NW-2-33-1-W5M]. Retrieved from <https://soil.agric.gov.ab.ca/agrasidviewer/>. 15 July, 2021.
- Alberta Energy Regulator. (2017). Abandoned Well Map. [Map illustrates abandoned wells for NW-2-33-1-W5M]. Retrieved from <https://www1.aer.ca/onestop/>. 15 July, 2021.
- Alberta Energy Regulator. (2017). OneStop Public Map Viewer. [Map illustrates oil and gas assets for NW-2-33-1-W5M]. Retrieved from <https://www1.aer.ca/onestop/>. 15 July, 2021.
- Alberta Environment and Parks. (2017). Environmental Records from the Environmental Site Assessment Repository (ESAR). [Map illustrates environmental records for NW-2-33-1-W5M]. Retrieved from <http://www.esar.alberta.ca/>. 15 July, 2021.
- Alberta Environment and Parks. (2017). Flood Hazard Map Application. [Map illustrates waterbodies, floodway, and flood fringe for NW-2-33-1-W5M]. Retrieved from <http://maps.srd.alberta.ca/FloodHazard/>. 15 July, 2021.
- Alberta Environment and Parks. (2015). Alberta Water Well Information Database. [Map illustrates water wells for NW-2-33-1-W5M]. Retrieved from <http://groundwater.alberta.ca/WaterWells/d/>. 15 July, 2021.
- Alberta Environment and Parks. (2018). Alberta Merged Wetland Inventory (AMWI). [Map illustrates wetlands and their classifications for NW-2-33-1-W5M]. Retrieved from <https://geodiscover.alberta.ca/geoportal/>. 15 July, 2021.
- Alberta Government. (1988). HELP: Help End Landfill Pollution: Data Tracking & Management Control System. Retrieved from
- Government of Canada. (2017). National Pollutant Release Inventory (NPRI) Data Search. Retrieved from <https://pollution-waste.canada.ca/national-release-inventory/archives/index.cfm?lang=en>.
- MacLaren Plansearch Lavalin. (1982). Identification and Verification of Active and Inactive Land Disposal Sites in Alberta. Retrieved from <https://open.alberta.ca/publications/533376>.
- Moran, S. R. (1986). Surface Materials of the Calgary Urban Area: Dalroy Sheet NTS 82-P/4. Ottawa: Surveys and Mapping Department of Energy, Mines and Resources. Retrieved from http://ags.aer.ca/publications/MAP_204.html.



QUALIFICATIONS OF PROJECT TEAM

Wendy E. Roberts Thorne, M.E.Des., P.Eng. previously managed environmental services in Alberta with Williams Engineering Canada Inc. She was formerly a Principal with Biophilia Inc., an environmental engineering consulting firm specializing in environmental management. She has over thirty years of experience in the assessment and mitigation of environmental impacts from a variety of industries. She has managed projects as diverse as development of environmental management systems; site audits and assessments; determination of risk-based remediation criteria; identification and evaluation of remedial options; investigation of revegetation problems; waste disposal; emergency response planning; spill response reporting and follow-up; investigation and resolution of odour complaints; regulatory approvals; and environmental research.

Ms. Thorne is a member of the Canadian Prairie and Northern Section of the Air and Waste Management Association. She has been a technical reviewer for the American Society for Testing of Materials. Ms. Thorne received a B.A.Sc. in Bio-Resource Engineering from U.B.C. in 1981; and an M.E.Des. (Environmental Science) from U. of C. in 1990, where she was awarded the Faculty of Environmental Design Gold Medal and the Graduate Student Thesis Award from the Canadian Land Reclamation Association. She was included in “Alberta Women of Distinction in Science and Technology”, prepared by the Premier’s Council on Science and Technology in 1994. She has been registered as a Professional Engineer in the Province of Alberta since 1983.

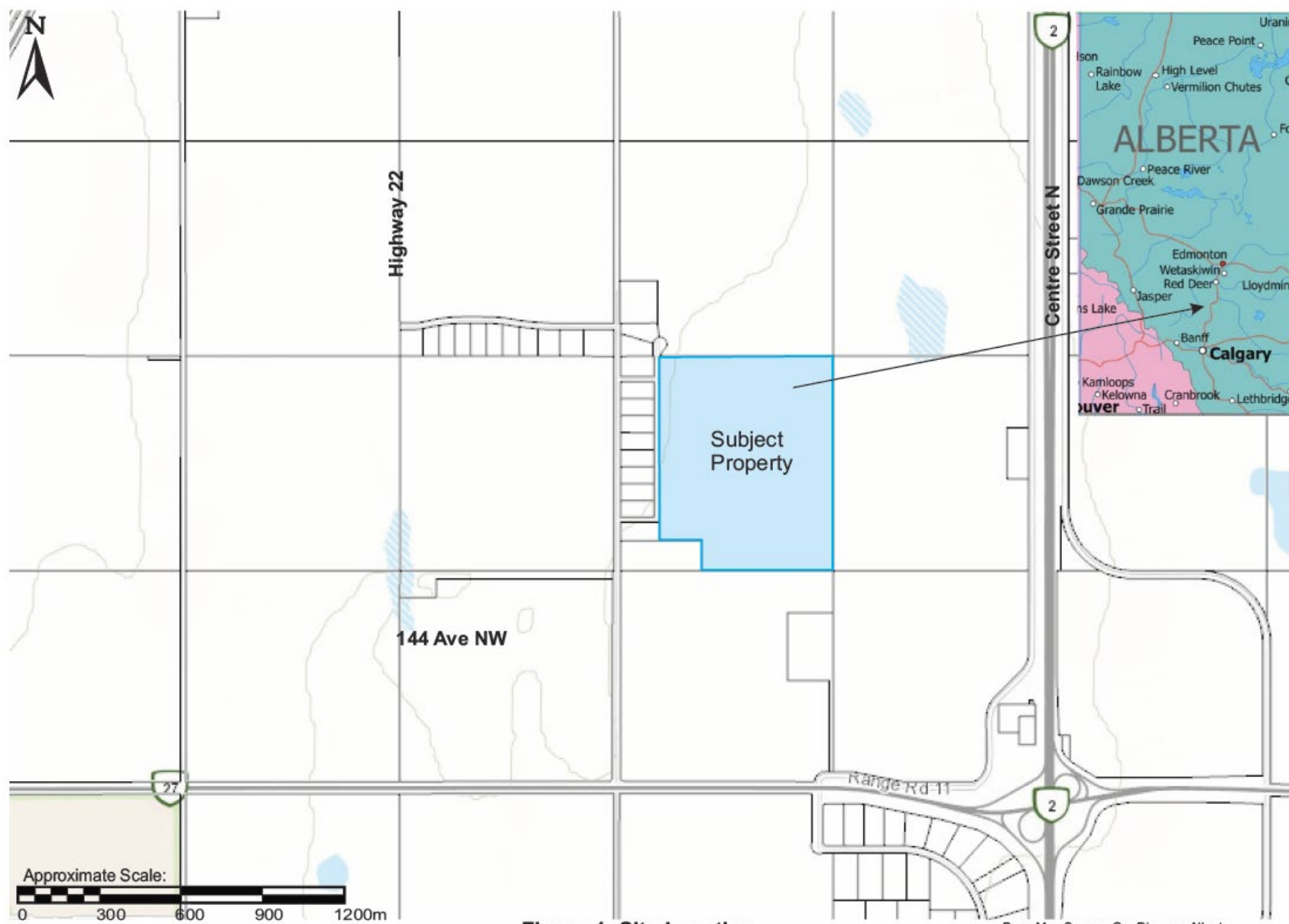
Natasha M. Pitt, B.Sc., P. Chem. has seven years of experience in environmental management. Ms. Pitt’s previous experience was with Williams Engineering Canada Inc. as an Environmental Scientist specializing in Phase I and II ESAs. Prior to this she was an inorganic analyst in an environmental laboratory, where she was responsible for both soil and water analysis for a wide variety of analytical parameters. She conducted method development and validation for low level mercury analysis in both air and water. She also assisted clients with questions relating to data interpretation, and was responsible for administration of the laboratory safety program. She is a graduate of Thompson Rivers University, where she majored in Environmental Chemistry, and received a Silver Medal for academic standing from the Canadian Society for Chemistry. She is currently completing an Environmental Management certificate from the University of Calgary, and is a co-instructor at the University of Calgary. She provides project support with responsibility for site inspections, database searches, sample collection, data analysis and interpretation, and report preparation. Ms. Pitt has been registered as a Professional Chemist in the Province of Alberta since 2012. Ms. Pitt is responsible for project planning and co-ordination of field work, and provides backup for Ms. Thorne.

Athena Environmental Consultants Ltd. was incorporated and obtained a Permit to Practice from APEGA in December 2014.



APPENDIX I

Figures





APPENDIX II

Photos



Photo 1: Access Point for the Subject Property, with Foothills Natural Gas Pipeline Sign Showing Pipeline Location on Adjacent Property



Photo 2: Subject Property, View to the East



Photo 3: Southeast Portion of the Subject Property



Photo 4: Area North of the Subject Property



Photo 5: Rural Residence Located to the West of the Subject Property



APPENDIX III

Search Results



LAND TITLE CERTIFICATE

S
LINC SHORT LEGAL TITLE NUMBER
0028 726 164 5;1;33;2;NW 081 049 654

LEGAL DESCRIPTION

MERIDIAN 5 RANGE 1 TOWNSHIP 33
SECTION 2
QUARTER NORTH WEST
CONTAINING 64.7 HECTARES (160 ACRES) MORE OR LESS
EXCEPTING THEREOUT:

PLAN	NUMBER	HECTARES	(ACRES)	MORE OR LESS
ROAD	8110708	0.417	1.03	
SUBDIVISION	9910326	3.415	8.44	
SUBDIVISION	9911244	5.30	13.1	
SUBDIVISION	0110320	4.815	11.9	

EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: MOUNTAIN VIEW COUNTY

REFERENCE NUMBER: 011 026 121 +6

REGISTERED OWNER(S)				
REGISTRATION	DATE (DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
081 049 654	06/02/2008	TRANSFER OF LAND	\$2,000,000	\$2,000,000

OWNERS

ABE NEUFELD
OF C/O STYLE REALTY INC
BOX 35009, SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E 7C7
AS TO AN UNDIVIDED 42.5% INTEREST

1273927 ALBERTA LTD.
OF C/O STYLE REALTY INC.
PO BOX 35009
SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E 7C7
AS TO AN UNDIVIDED 42.5% INTEREST

(CONTINUED)

404048 ALBERTA LTD.
OF C/O STYLE REALTY INC.
PO BOX 35009
SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E 7C7
AS TO AN UNDIVIDED 15% INTEREST

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER	DATE (D/M/Y)	PARTICULARS
751 055 787	06/06/1975	UTILITY RIGHT OF WAY GRANTEE - FOOTHILLS NATURAL GAS CO-OP LTD.
991 103 985	20/04/1999	CAVEAT RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL GOVERNMENT ACT CAVEATOR - MOUNTAIN VIEW COUNTY. BAG 100 DIDSBURY ALBERTA T0M0W0 AGENT - HAROLD JOHNSRUDE
011 026 120	26/01/2001	CAVEAT RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL GOVERNMENT ACT CAVEATOR - MOUNTAIN VIEW COUNTY. BAG 100 DIDSBURY ALBERTA T0M0W0 AGENT - JOHN RUSLING

TOTAL INSTRUMENTS: 003

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 30 DAY OF JUNE,
2021 AT 03:19 P.M.

ORDER NUMBER: 42055901

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

(CONTINUED)

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER, SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION, APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S) .



HISTORICAL LAND TITLE CERTIFICATE
TITLE CANCELLED ON FEBRUARY 06,2008

S
LINC SHORT LEGAL TITLE NUMBER
0028 726 164 5;1;33;2;NW 011 026 121 +6

LEGAL DESCRIPTION

MERIDIAN 5 RANGE 1 TOWNSHIP 33
SECTION 2
QUARTER NORTH WEST
CONTAINING 64.7 HECTARES (160 ACRES) MORE OR LESS
EXCEPTING THEREOUT:

PLAN	NUMBER	HECTARES	(ACRES)	MORE OR LESS
ROAD	8110708	0.417	1.03	
SUBDIVISION	9910326	3.415	8.44	
SUBDIVISION	9911244	5.30	13.1	
SUBDIVISION	0110320	4.815	11.9	

EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: MOUNTAIN VIEW COUNTY

REFERENCE NUMBER: 991 103 986 +4

REGISTERED OWNER(S)
REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

011 026 121 26/01/2001 SUBDIVISION PLAN

OWNERS

WILFRED MOONEY BURTON (FARMER)
OF BOX 6,SITE 2 RR#1
OLDS
ALBERTA T4H 1P2

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION
NUMBER DATE (D/M/Y) PARTICULARS

751 055 787 06/06/1975 UTILITY RIGHT OF WAY
GRANTEE - FOOTHILLS NATURAL GAS CO-OP LTD.

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

011 026 121 +6

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

971 293 600 02/10/1997 CAVEAT
RE : SEE CAVEAT
CAVEATOR - COPPER CROWN HOLDINGS LTD.
C/O MARTINSON & HARDER
6, 5221-46 STREET
OLDS
ALBERTA T4H1T5
AGENT - DOUGLAS S MARTINSON

991 103 985 20/04/1999 CAVEAT
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL
GOVERNMENT ACT
CAVEATOR - MOUNTAIN VIEW COUNTY.
BAG 100
DIDSBURY
ALBERTA T0M0W0
AGENT - HAROLD JOHNSRUDE

011 026 120 26/01/2001 CAVEAT
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL
GOVERNMENT ACT
CAVEATOR - MOUNTAIN VIEW COUNTY.
BAG 100
DIDSBURY
ALBERTA T0M0W0
AGENT - JOHN RUSLING

011 372 504 12/12/2001 CAVEAT
RE : AGREEMENT CHARGING LAND
CAVEATOR - CANADIAN IMPERIAL BANK OF COMMERCE.
4513-52 AVE
OLDS
ALBERTA T4H1M8
AGENT - CURTIS FLEWELLING

071 551 981 09/11/2007 CAVEAT
RE : AGREEMENT CHARGING LAND
CAVEATOR - MOUNTAIN VIEW CREDIT UNION, LIMITED.
BOX 3770
OLDS
ALBERTA T4H1P5
AGENT - BETTY BARIL

081 049 654 06/02/2008 TRANSFER OF LAND
OWNERS - ABE NEUFELD
C/O STYLE REALTY INC
BOX 35009, SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E7C7

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 3

011 026 121 +6

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

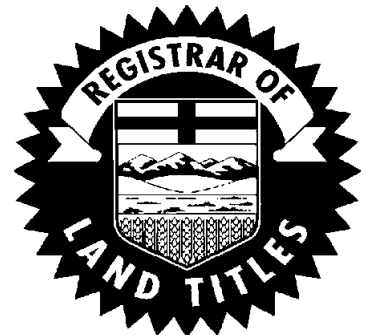
AS TO 42.5%
OWNERS - 1273927 ALBERTA LTD.
C/O STYLE REALTY INC.
PO BOX 35009
SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E7C7
AS TO 42.5%
OWNERS - 404048 ALBERTA LTD.
C/O STYLE REALTY INC.
PO BOX 35009
SARCEE POSTAL OUTLET
CALGARY
ALBERTA T3E7C7
AS TO 15%
NEW TITLE ISSUED

TOTAL INSTRUMENTS: 007

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 30 DAY OF JUNE,
2021 AT 03:19 P.M.

ORDER NUMBER: 42055901

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM
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APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).



HISTORICAL LAND TITLE CERTIFICATE
TITLE CANCELLED ON JANUARY 26,2001

S
LINC SHORT LEGAL TITLE NUMBER
0027 922 624 5;1;33;2;NW 991 103 986 +4

LEGAL DESCRIPTION

MERIDIAN 5 RANGE 1 TOWNSHIP 33
SECTION 2
QUARTER NORTH WEST
CONTAINING 64.7 HECTARES (160 ACRES) MORE OR LESS
EXCEPTING THEREOUT:

PLAN	NUMBER	HECTARES	(ACRES)	MORE OR LESS
ROAD	8110708	0.417	1.03	
SUBDIVISION	9910326	3.415	8.44	
SUBDIVISION	9911244	5.30	13.1	

EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: MOUNTAIN VIEW COUNTY

REFERENCE NUMBER: 991 024 133 +1

REGISTERED OWNER(S)
REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

991 103 986 20/04/1999 SUBDIVISION PLAN

OWNERS

WILFRED MOONEY BURTON (FARMER)
OF BOX 6,SITE 2 RR#1
OLDS
ALBERTA T4H 1P2

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION
NUMBER DATE (D/M/Y) PARTICULARS

751 055 787 06/06/1975 UTILITY RIGHT OF WAY
GRANTEE - FOOTHILLS NATURAL GAS CO-OP LTD.

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

991 103 986 +4

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

861 204 163 10/12/1986 MORTGAGE
MORTGAGEE - ROYAL BANK OF CANADA.
BOX 1138
OLDS
ALBERTA
ORIGINAL PRINCIPAL AMOUNT: \$200,000

971 293 600 02/10/1997 CAVEAT
RE : SEE CAVEAT
CAVEATOR - COPPER CROWN HOLDINGS LTD.
C/O MARTINSON & HARDER
6, 5221-46 STREET
OLDS
ALBERTA T4H1T5
AGENT - DOUGLAS S MARTINSON

991 103 985 20/04/1999 CAVEAT
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL
GOVERNMENT ACT
CAVEATOR - MOUNTAIN VIEW COUNTY.
BAG 100
DIDSBURY
ALBERTA T0M0W0
AGENT - HAROLD JOHNSRUDE
(DATA UPDATED BY: 991104106)

991 104 106 20/04/1999 CORRECTION OF INSTRUMENT
AFFECTS INSTRUMENT: 991103985
AFFECTED PARTY: MOUNTAIN VIEW COUNTY
"ADDRESS CHANGED FROM: BAG 100 DIDSBURY TO: BAG
100;DIDSBURY PROVINCE CHANGED FROM: AB TO: AB
POSTAL CODE CHANGED FROM: T4H1P2 TO: T0M0W0"

001 027 872 31/01/2000 DISCHARGE OF MORTGAGE 861204163

011 026 120 26/01/2001 CAVEAT
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL
GOVERNMENT ACT
CAVEATOR - MOUNTAIN VIEW COUNTY.
BAG 100
DIDSBURY
ALBERTA T0M0W0
AGENT - JOHN RUSLING

011 026 121 26/01/2001 SUBDIVISION PLAN 0110320
TITLE CANCELLED AS TO PART AND NEW TITLE ISSUED
FOR THE REMAINDER

TOTAL INSTRUMENTS: 008

(CONTINUED)

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 30 DAY OF JUNE,
2021 AT 03:19 P.M.

ORDER NUMBER: 42055901

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

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APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).



HISTORICAL LAND TITLE CERTIFICATE
TITLE CANCELLED ON APRIL 20,1999

S
LINC SHORT LEGAL TITLE NUMBER
0027 826 750 5;1;33;2;NW 991 024 133 +1

LEGAL DESCRIPTION

MERIDIAN 5 RANGE 1 TOWNSHIP 33
SECTION 2
QUARTER NORTH WEST
CONTAINING 64.7 HECTARES, (160 ACRES) MORE OR LESS
EXCEPTING THEREOUT

PLAN	NUMBER	HECTARES	ACRES	MORE OR LESS
ROADWAY	8110708	0.417	1.03	
SUBDIVISION	9910326	3.415	8.44	

EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: MOUNTAIN VIEW COUNTY

REFERENCE NUMBER: 155R156 .

REGISTERED OWNER(S)
REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

991 024 133 27/01/1999 SUBDIVISION PLAN

OWNERS

WILFRED MOONEY BURTON (FARMER)
OF BOX 6,SITE 2 RR#1
OLDS
ALBERTA T4H 1P2

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION
NUMBER DATE (D/M/Y) PARTICULARS

751 055 787 06/06/1975 UTILITY RIGHT OF WAY
GRANTEE - FOOTHILLS NATURAL GAS CO-OP LTD.
861 204 163 10/12/1986 MORTGAGE

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

991 024 133 +1

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

MORTGAGEE - ROYAL BANK OF CANADA.
BOX 1138
OLDS
ALBERTA
ORIGINAL PRINCIPAL AMOUNT: \$200,000

971 293 600 02/10/1997 CAVEAT
RE : SEE CAVEAT
CAVEATOR - COPPER CROWN HOLDINGS LTD.
C/O MARTINSON & HARDER
6, 5221-46 STREET
OLDS
ALBERTA T4H1T5
AGENT - DOUGLAS S MARTINSON

991 103 985 20/04/1999 CAVEAT
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL
GOVERNMENT ACT
CAVEATOR - MOUNTAIN VIEW COUNTY.
BAG 100 DIDSBURY
ALBERTA T4H1P2
AGENT - HAROLD JOHNSRUDE

991 103 986 20/04/1999 SUBDIVISION PLAN 9911244
TITLE CANCELLED AS TO PART AND NEW TITLE ISSUED
FOR THE REMAINDER

TOTAL INSTRUMENTS: 005

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 30 DAY OF JUNE,
2021 AT 03:19 P.M.

ORDER NUMBER: 42055901

CUSTOMER FILE NUMBER:

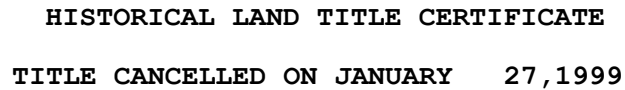


END OF CERTIFICATE

(CONTINUED)

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LEGAL DESCRIPTION

ESTATE: FEE SIMPLE

MUNICIPALITY: MOUNTAIN VIEW COUNTY

OWNERS

ENCUMBRANCES, LIENS & INTERESTS

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2
155R156 .

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

861 204 163 10/12/1986 MORTGAGE
MORTGAGEE - ROYAL BANK OF CANADA.
BOX 1138
OLDS
ALBERTA
ORIGINAL PRINCIPAL AMOUNT: \$200,000

951 106 459 11/05/1995 CHANGE OF ADDRESS FOR SERVICE
RE: WILFRED MOONEY BURTON (FARMER)
BOX 6,SITE 2 RR#1
OLDS
ALBERTA T4H1P2
AFFECTS INSTRUMENT: 155R156 .

951 275 121 01/12/1995 DISCHARGE OF MORTGAGE 791163820

971 293 600 02/10/1997 CAVEAT
RE : SEE CAVEAT
CAVEATOR - COPPER CROWN HOLDINGS LTD.
C/O MARTINSON & HARDER
6, 5221-46 STREET
OLDS
ALBERTA T4H1T5
AGENT - DOUGLAS S MARTINSON

991 024 133 27/01/1999 SUBDIVISION PLAN 9910326
TITLE CANCELLED AS TO PART AND NEW TITLE ISSUED
FOR THE REMAINDER

TOTAL INSTRUMENTS: 007

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 30 DAY OF JUNE,
2021 AT 03:19 P.M.

ORDER NUMBER: 42055901

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

(CONTINUED)

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER, SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION, APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).

Service Request

Land Titles
Box 7575 Calgary
Alberta T2P 2R4
Telephone (403) 297-6511

Box 2380 Edmonton
Alberta T5J 2T3
Telephone (780) 427-2742

Name **Athena Environmental Consultants LTD** Account or Party Code No.
Address **364 Spruce Street Springbrook** Amount Enclosed **150.00**
AB Postal Code **T4S 0P1** Customer's File No. **21-0018**

Return By Fax Call Box No. Mail Courier

Select One

Date year month day

Signature of Requester

npitt@athena-env.ca 20 21 06 30

Natasha MPitt

Fax No.

Telephone No.

Print Name

403-561-2913

Natasha m Pitt

Quantity Code

Description

Fees

HIST NW 2-33-1 Wsm Back to patent.

150 -



JUL 12 2021

Code
Type of Service Requested
ANAM..... ALTA Name Search
HIST..... Copy of Historical Title
CPLA..... Certified Copy of Plan
BULK..... Bulk Data Service
CODO..... Copy of Document

CCOD..... Certified Copy of Document
PLAO..... Copy of Plan - Ozalid
PLAM..... Copy of Plan - Mylar
MISC..... Miscellaneous Services

L.T.O.
Staff
Initials

This information is being collected for the purposes of land titles records in accordance with the Land Titles Act. Questions about the collection of this information can be directed to the Freedom of Information and Protection of Privacy Coordinator for the Alberta Government, Box 3140, Edmonton, Alberta, T5J 2G7, (780) 427-2742.

TOTAL FEES **150**

7427485

LAND TITLES ACT, Sec. 64 — The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein, be subject to—
 (a) Any subsisting reservations or exceptions including royalties contained in the original grant of the land from the Crown;
 (b) All unpaid taxes, including irrigation and drainage district rates;
 (c) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
 (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the name;
 (e) Any decrees, orders or executions against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
 (f) Any right of expropriation which may by statute be vested in any person, body corporate, or Her Majesty;
 (g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.

155 R 156



FB

Issued on instrument registered at 10.17 o'clock
 A. m. on the 13 day of FEBRUARY
 A.D. 19 69
 Number 7077 Book K.G. Folio 200
 H. E. MC COMBS
 Registrar, S.A.L.R.D.

Certificate of Title

Assoc. Fund Value \$18,000.00

Refer Cert. No. 124 R. 65

South Alberta Land Registration District.

This is to Certify that WILFRED MOONEY BURTON OF OLDS IN THE

PROVINCE OF ALBERTA (FARMER)

is now the owner of an estate in fee simple

of and in THE NORTH WEST QUARTER OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33)

RANGE ONE (1) WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA, CONTAINING ONE HUNDRED

AND SIXTY (60) ACRES MORE OR LESS,

RESERVING UNTO HER MAJESTY ALL MINES AND MINERALS,

CANCELLED ON RENEWAL
 DATED 20 Feb 1971

[Signature] REG.

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this THIRTEENTH day of FEBRUARY A.D. 19 69

[Signature] Registrar

South Alberta Land Registration District

P.O. Address OLDS, ALBERTA

MORTGAGE: WILFRED MOONEY BURTON TO THE PRUDENTIAL INSURANCE COMPANY OF AMERICA \$40,000.00
 INT. 9 %, 21 NOVEMBER 1968, 10.18 A.M., 13 FEBRUARY 1969.....7078 K.G.

[Signature] AD. REG.

OVER

CAVEAT: THE PRUDENTIAL INSURANCE COMPANY OF AMERICA, 10 FEBRUARY 1969, 10.19 A.M., 13 FEBRUARY 1969,
.....7079 K.G.

NOTIFICATION TAX RECOVERY ACT) BY County Mountain View #17
Dated 23/3/72 Reg'd 11:36 A.M. as No. 1146 J.F.
21

B. J. J. J. AD. REG.

WITHDRAWAL OF TAX NOTIFICATION 1146 J.F. Dated 21 Dec 1973 as No. 73-1185321
Registered at 21 Dec 1973 P.M. Business

Montego Bay — The Royal Bank of Canada — 22,500.00 — 25 Jan 1974 —

74-1007645
Officially

LAND TITLES ACT, Sec. 84.—The land mentioned in any certificate of title granted under this Act shall be impounded and without any special mention therein, be subject to—

- Any existing encumbrances or exceptions including royalties contained in the original grant of the land from the Crown;
- All unpaid taxes, including irrigation and drainage district rates;
- Any public highway or right-of-way or other public easement, easement created upon, over or in respect of the land;
- Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the lease;
- Any decrees, orders or executions against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- Any right of appropriation which may by statute be vested in any person, body corporate, or Her Majesty;
- Any right-of-way or other easement granted or required under the provisions of any Act in force in the Province.



Issued on instrument registered at 10.28 o'clock
 A. m. on the 8 day of NOVEMBER
 A.D. 19 61
 Number 8528 Book 1 E. Folio 235
 H. E. MC COMBS
 Registrar, S. A. L. R. D.

Certificate of Title

Assoc. Fund Value \$ 18,000.00

Refer Cert. No. 118 R 140

South Alberta Land Registration District.

This is to Certify that HENRY MELLENDORF OF OLDS IN THE PROVINCE
OF ALBERTA (FARMER)

is now the owner of an estate in fee simple
 of and in THE NORTH WEST QUARTER OF SECTION TWO(2) IN TOWNSHIP THIRTY THREE(33) RANGE ONE (1)
WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA, CONTAINING ONE HUNDRED AND SIXTY (160)
ACRES MORE OR LESS.

RESERVING UNTO HER MAJESTY ALL MINES AND MINERALS, AND

Cancelled

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this EIGHTH day of NOVEMBER A.D. 19 61

J. Morgan Registrar

South Alberta Land Registration District

P.O. Address OLDS, ALBERTA

NOTIFICATION (TAX RECOVERY ACT)
 Received 20 Nov 1963 Reg 12 33

BY James E. McCombs View #17
 H. E. MC COMBS
 Registrar, S. A. L. R. D.

OVER
 OVER

6223 I.R.
W. Murray
6223 I.R.
5/10/65
11²³ Jan 20 June 1965

WILFRED MURRAY BURTON
WITHDRAWAL OF TAX NOTIFICATION No. 123 J.J. Dated 27 Dec 1964

Registered at 11¹² AM 11 Dec 1964 No. 4812 J.C.

NOTIFICATION (TAX RECOVERY ACT)

BY County of Mountain View 417

DATED 5-3-65 REG'D 33 1-4-65 AS NO. 3234

WITHDRAWAL OF TAX NOTIFICATION No. 323 J.J. Dated 20/11/65

Registered at 10¹⁰ AM 26 MAY 1965 as No. 9099 J.E. J. Williams

Caveat The Bank of Nova Scotia 29 April 1966 - 10³⁷ AM 4 May 1966 - 8777 J.L. J. Williams

Judge Order - Appointing Public Trustee for the Province of Alberta as a Committee for the Estate of Henry Willendorf - 5 Feb. 1968 - 10⁰⁶ AM - 21 Feb 1968 - 4296 JX J. Williams

WITHDRAWAL OF TAX NOTIFICATION No. 663 J.J. Dated 8 Jan 1969
Registered at 11²⁴ AM 10 Jan 1969 as No. 6609 K.G. J. Williams

Withdrawal of Caveat 8777 J.L. - 15 Jan 1969 - 10¹⁶ AM - 13 Feb 1969 - 7076 K.G. J. Williams

THIS CERT. OF TITLE IS CANCELLED in full
In accordance with the transfer, subject to any exceptions and/or reservations therein and a new Certificate of Title is issued this 13 day of Feb 1969 to Wilfred Murray Burton
D. B. 7077 K.G. J. Williams A.D. Reg.

LAND TITLES ACT, Sec. 64—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein be subject to—

- (a) Any subsisting reservations or exceptions including easements contained in the original grant of the land from the Crown;
- (b) All unpaid taxes, including jurisdiction and highway district rates;
- (c) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
- (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the lease;
- (e) Any decrees, orders or extrajudicial sales or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- (f) Any right of expropriation which may by statute be vested in any person, body corporate, or the Majesty;
- (g) Any right-of-way or other easement granted or required under the provisions of any Act or law in force in the Province.

118 R 140



Issued on instrument registered at 1:26 o'clock
P. M. on the 25 day of APRIL
A.D. 19 60
Number 8946 Book H.A.T. Folio 242
R.B. HALL
Registrar, S.A.L.R.D.

Certificate of Title

Assoc. Fund Value \$18000.00

Refer Cert. No. 106 0 58

South Alberta Land Registration District.

This is to Certify that STEFAN KUPYNA

OF OLDS IN THE PROVINCE OF ALBERTA (FARMER)

is now the owner of an estate in fee simple

of and in THE NORTH WEST QUARTER OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33)

RANGE ONE (1) WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA, CONTAINING ONE HUNDRED AND SIXTY (160). ACRES MORE OR LESS.

RESERVING UNTO HER MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME, AND

CANCELLED

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this TWENTY FIFTH day of APRIL A.D. 19 60

R.B. Jones Registrar

P.O. Address OLDS, ALBERTA

South Alberta Land Registration District

OVER

OVER

THIS CERT. OF TITLE IS CANCELLED.....IN FULL.....

in accordance with the transfer, subject to any exceptions and/or reservations therein and a new Certificate of Title No. 124 R 65

issued this 8 day of NOV. 1961 to HENRY MELLENDORF

D. B. 0528 I.E.

W. Minney

A. D. Reg.

LAND TITLES ACT, Sec. 81.—The land mentioned in any certificate of title issued under this Act shall by implication and without any special mention therein, be subject to—

- (1) Any subsiding, encumbrance or exception including royalties contained in the original grant of the land from the Crown;
- (2) All unpaid taxes, including irrigation and drainage district rates;
- (3) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
- (4) Any subsiding lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the same;
- (5) Any decree, order or agreement relating to or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- (6) Any right of expropriation which may by statute be vested in any person, body corporate, or Her Majesty;
- (7) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.



PH

Issued on instrument registered at 11.17 A.M. on the 27 day of MARCH A.D. 19 57
 Number 1077 Book H.Q. Folio 31
 R.B. HALL
 Registrar T.A.L.R.D.

Certificate of Title

Assoc. Fund Value \$7675.00

Unearned Inc. Value

Refer Cert. No. 106 0 56

South Alberta Land Registration District

This is to Certify that OLIVER LOUIS MORITZ OF OLDS, IN THE PROVINCE
OF ALBERTA (FARMER) AND KATHRYN ALICE MORITZ OF THE SAME PLACE (HIS WIFE)

ARE now the owner of an estate in fee simple AS JOINT TENANTS

of and in THE NORTH WEST QUARTER OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE
 (1) WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING ONE HUNDRED AND SIXTY (160)
 ACRES MORE OR LESS.

RESERVING UNTO HER MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME, AND

CANCELLED

NO ENDORSEMENTS
ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my

official seal this TWENTY SEVENTH
 day of MARCH A.D. 19 57

P.O. Address OLDS, ALBERTA

Registrar
 South Alberta Land Registration District

THIS CERTIFICATE IS CANCELLED

In accordance with the provisions, subject to any exceptions under regulations therein and a new title No. 118 R 140
 issued this 25 day of April 19 60
 D.B. 2946 H.T. STEFAN KUPYNA
 W. W. H. A. D. Reg.

OVER

LAND TITLES ACT, Sec. 61—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein be subject to—

- Any subsisting reservations or exceptions including royalties contained in the original grant of the land from the Crown;
- All unpaid taxes, including irrigation and drainage district rates;
- Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
- Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the same;
- Any decrees, orders or executions against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- Any right of reversion which may by statute be vested in any person, body corporate, or Her Majesty;
- Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.



PH

Based on instrument registered at 11, 15 o'clock
A. in the 27 day of MARCH
N.B. 19 57
Number 1075 Book H.G. Fol. 31
R.B. HALL
Registrar, S.A.L.R.D.

Certificate of Title

Asses. Fund Value \$11200.00

Unearned Inc. Value

Refer Cert. No. 78 N 10

South Alberta Land Registration District

This is to Certify that KATHRYN ALICE MORITZ (MARRIED WOMAN), WIFE OF

OLIVER LOUIS MORITZ (FARMER), EDWIN L. BENTZ (FARMER) BOTH OF OLDS, IN THE PROVINCE OF ALBERTA

AND MARVIN LESTER BENTZ OF RIDDLE, IN THE STATE OF OREGON, ONE OF THE UNITED STATES OF AMERICA

are now the owner of an estate in fee simple

of and in the WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1) WEST
OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED AND TWENTY (320) ACRES
MORE OR LESS.

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDTHS (0.50) OF AN ACRE MORE OR LESS FOR A
ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE FOR THE SOUTH ALBERTA LAND REGISTRATION
DISTRICT AS 2360 E.Z. AND

RESERVING UNTO HER MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME, AND

THIS CERT. OF TITLE IS CANCELLED AS TO NW 1/4

In accordance with the transfer, subject to any exceptions and/or reservations therein and a new Certificate of Title No. 106 J 59 issued this 27 day of MCH 1957 to OLIVER L. MORITZ ET UX, D.B. 1977 H.G. (W.M.) and A.D. Reg.

CANCELLER

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my

official seal this

TWENTY SEVENTH

day of

MARCH

A.D. 1957

P.O. Address

SW 1/4 CAVAT MINISTER OF HIGHWAYS 8 JUNE 1955 3.07 PM. 9 JUNE 1955, 1447 H.X. 1/

THIS CERT. OF TITLE IS CANCELLED AS TO SW 1/4 & IN FULL

In accordance with the transfer, subject to any exceptions and/or reservations therein and a new Certificate of Title No. 106 0 59 issued this 27 day of MCH 1957 to EDWIN L. BENTZ, D.B. 1078 H.G. (W.M.) and A.D. Reg.

OVER

NO ENDORSEMENTS
ON BACK OF TITLE

LAND TITLES ACT, Sec. 61.—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein, unless the contrary is expressly declared, be subject to—

- (a) Any subsisting mortgages or encumbrances contained in the original grant of the land from the Crown;
- (b) All unpaid taxes, including irrigation and drainage district rates;
- (c) Any public highway or right-of-way or other public easement, however created, upon, over or in respect of the land;
- (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the same;
- (e) Any decree, order or execution against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- (f) Any right of expropriation which may by statute be vested in any person, body corporate, or His Majesty;
- (g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.



Sealed on instrument registered at 10.47 o'clock
A.M. on the 13 day of FEBRUARY
A.D. 1948
Number 6987—Class E.S. File 196
W. FORBES
Registrar P.A.L.A.D.

Certificate of Title

Assoc. Fund Value \$11200.00

Unearned Inc. Value \$7050.00

Refer Cert. No. 78 R.6

South Alberta Land Registration District.

This is to Certify that EDWIN L. BENTZ (FARMER) AND KATHRYN ALICE

BENTZ (SPINSTER) BOTH OF OLDS IN THE PROVINCE OF ALBERTA AND MARVIN LESTER BENTZ OF RIDDLE

IN THE STATE OF OREGON ONE OF THE UNITED STATES OF AMERICA (LOGGER)

ARE now the owners of an estate in fee simple

of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)

WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED

AND TWENTY (320) ACRES MORE OR LESS.

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDTHS (0.50) OF AN ACRE MORE

OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE FOR THE

SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E.2,

RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME,

AND

CANCELLED

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register

In Witness Whereof I have hereunto subscribed my name and affixed my

official seal this THIRTEENTH

day of FEBRUARY A.D. 1948

S. J. Moore Registrar
South Alberta Land Registration District

P.O. Address

3.4 1/4 Caveat - Minister of Highways - 8 June 1955 - 3:07 pm - 9 June 1955 - 1147 HX 8

THIS CERT. OF TITLE IS GRANTED in full
On Mortgage
in accordance with the Inst of exceptions and/or reserva-
tions therein and a new No 106 056
issued this 27 day of Jul 1957 to Kathleen A. Munitz
D. B. 1075 HG AM Munitz Reg.

LAND TITLES ACT, S. 61.—The land mentioned in any certificate of title granted under this Act shall be free from all and without any special mention therein, unless the contrary is expressly declared, be subject to—
(a) Any subsiding encumbrances or exceptions contained in the original grant of the land from the Crown;
(b) All unpaid taxes, including litigation and delinquent district rates;
(c) Any public highway or right-of-way or other public easement, however created, upon, over or in respect of the land;
(d) Any subsiding lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the lease;
(e) Any decree, order or execution against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
(f) Any right of occupation which may by statute be treated in any person, body corporate, or his heirs;
(g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.



6
BJ
Based on instrument registered at 10, 45
A on the 13 day of FEBRUARY
A.D. 1948
Number 6985 Book F.S. Folio 196
W. FORBES
Registrar T.M.L.D.

Certificate of Title

Asse. Fund Value \$11200.00

Refer Cert. No. 66 E. 185

Unearned Inc. Value \$7050.00
TRANSMISSION

South Alberta Land Registration District

This is to Certify that EDWIN L. BENTZ (FARMER) AND KATHRYN ALICE

BENTZ (SPINSTER) BOTH OF OLDS IN THE PROVINCE OF ALBERTA ADMINISTRATORS OF THE ESTATE OF

MARY JANE BENTZ (DECEASED)

ARE now the owners of an estate in fee simple AS SUCH ADMINISTRATORS,

of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)

WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED AND TWENTY (320) ACRES MORE OR LESS.

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDRETHS (0.50) OF AN ACRE MORE OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE FOR THE SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E.Z.

RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME, AND

78 N. 16
a new Certificate to be issued to
EDWIN L. BENTZ ET AL.
under transfer to THEM from the
three named registered owner dated 10 FEB. 1948
and registered at 10.47 o'clock A.M. this 13 day of
FEBRUARY A.D. 1948 as 6987 F.S. a

[Signature]
Registrar



NO ENDORSEMENTS
ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this THIRTEENTH day of FEBRUARY A.D. 1948

Registrar

R.O. Address OLDS, ALBERTA.

South Alberta Land Registration District

LAND TITLES ACT, Sec. 61.—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein, unless the contrary is expressly declared, be subject to—

- Any subsisting reservations or exceptions contained in the original grant of the land from the Crown;
- All unpaid taxes, including litigation and drainage district rates;
- Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
- Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the lease;
- Any decrees, orders or judgments against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
- Any right of expropriation which may by statute be vested in any person, body corporate, or His Majesty;
- Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.

66E 185



BH

185

Issued as instrument registered at 2.05 a.m.

P. on the 2 day of AUGUST

N.P. 115

Number 985 of the P.L. 28

W. FORBES

Registrar P.A.L.R.D.

Certificate of Title

Assoc. Fund Value \$11,200.00

Unearned Inc. Value \$7,050.00

Refer Cert. No. 66.E.183 28.S.155

South Alberta Land Registration District.

This is to Certify that MARY JANE BENTZ OF OLDS IN THE PROVINCE
OF ALBERTA (WIDOW)

is now the owner of an estate in fee simple

of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)

WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED AND TWENTY (320) ACRES MORE OR LESS.

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDS (0.50) OF AN ACRE MORE OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE FOR THE SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E.2.

RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME, AND

NO ENDORSEMENTS
ON BACK OF TITLE

This Certificate is cancelled
and a new Certificate 78N6 issued to
Edwin R. Bentz et al
under Transfer to them (By Transmission)
since named in interest owner
of the land of 1045 Acres 13 day of
Feb. A.D. 1948 as No. 6985 F.S.
B. J. Hall

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereto subscribed my name and affixed my

official seal this SECOND
day of AUGUST A.D. 1945

W. Forbes Registrar
South Alberta Land Registration District

P.O. Address OLDS, ALBERTA

LAND TITLES ACT, Sec. 81.—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein, unless the contrary is expressly declared, be subject to—
 (a) Any subsisting reservations or exceptions contained in the original grant of the land from the Crown;
 (b) All unpaid taxes, including litigation and delinquency district rates;
 (c) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
 (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the same;
 (e) Any decree, order or execution against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
 (f) Any right of expropriation which may by statute be vested in any person, body corporate, or His Majesty;
 (g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.

66 E 183



BH

183
 Dated an instrument registered at 2.04 o'clock
 P.m. on the 2 day of AUGUST
 A.D. 1945
 Number 984 (Book F. L. Page 28)
 W. FORBES
 Registrar of L.T.S.D.

Certificate of Title

Asso. Fund Value \$5600.00

Unearned Inc. Value \$3525.00

Refer. Cert. No. 66.C.161

South Alberta Land Registration District

This is to Certify that MARY JANE BENTZ OF OLDS IN THE PROVINCE
OF ALBERTA (WIDOW)

is now the owner of an estate in fee simple AS TO THE INTEREST OF JOSEPH C. BENTZ UNDER
 CERTIFICATE OF TITLE 28, S. 155
 of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)
 WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED
 AND TWENTY (320) ACRES MORE OR LESS,
 EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDTHS (0.50) OF AN ACRE
 MORE OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE
 FOR THE SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E. 2,
 RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE
 SAME, AND

Consolidated this 2 day of AUGUST
 1945 by consolidation with certificate
 28 S. 155 under certificate 66 E. 183
W. Forbes Registrar



NO ENDORSEMENTS
 ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten
 or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my
 official seal this SECOND

day of AUGUST A.D. 1945

W. Forbes Registrar
 South Alberta Land Registration District

P.O. Address OLDS, ALBERTA

LAND TITLES ACT, Sec. 81.—The land mentioned in any certificate of title granted under this Act shall by implication and without any special mention therein, unless the contrary is expressly declared, be subject to—
 (a) Any existing reservations or exceptions contained in the original grant of the land from the Crown;
 (b) All unpaid taxes, including litigation and delinquency district rates;
 (c) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
 (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the same;
 (e) Any decrees, orders or rulings of the court affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
 (f) Any right of expropriation which may by statute be vested in any person, body corporate, or His Majesty;
 (g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.

66E 183



28

183
 Based on instrument registered at 2.04 a/cak
 P. on the 2 day of AUGUST
 A.D. 1945
 Number 984 (Book F.L. 28)
 W. FORBES
 Registrar L.S.L.S.D.

Certificate of Title

Assec. Fund Value \$5600.00

Unearned Inc. Value \$3525.00

Refer Cert. No. 66.E.161

South Alberta Land Registration District

This is to Certify that MARY JANE BENTZ OF OLDS IN THE PROVINCE
OF ALBERTA (WIDOW)

is now the owner of an estate in fee simple AS TO THE INTEREST OF JOSEPH C. BENTZ UNDER
 CERTIFICATE OF TITLE 28.S.155

of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)

WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED
 AND TWENTY (320) ACRES MORE OR LESS,

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDTHS (0.50) OF AN ACRE
 MORE OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE
 FOR THE SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E.Z.

RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE
 SAME, AND

Witnessed this 2 day of AUGUST
 1945 by consolidation with certificate
 28 .S.155 under certificate 66.E.185

W. Forbes
 Registrar

RECEIVED

NO ENDORSEMENTS
 ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten
 or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my

official seal this SECOND

day of AUGUST A.D. 1945

W. Forbes
 Registrar

P.O. Address OLDS, ALBERTA

South Alberta Land Registration District

LAND TITLES ACT, 1905. The land mentioned in any certificate of title issued under this Act shall be impugned and void, and any special mention therein, unless the contrary is expressly declared, be subject to—
 (a) Any subsisting reservations or exceptions contained in the original grant of the land from the Crown;
 (b) All unpaid taxes, including irrigation and drainage district rates;
 (c) Any public highway or right-of-way or other public easement, however created upon, over or in respect of the land;
 (d) Any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under the lease;
 (e) Any decrees, orders or judgments against or affecting the interest of the owner of the land which have been registered and maintained in force against the owner;
 (f) Any right of expropriation which may by statute be vested in any person, body corporate, or His Majesty;
 (g) Any right-of-way or other easement granted or acquired under the provisions of any Act or law in force in the Province.



161
 Issued on instrument registered at 11.09 a.m.
 A on the 10 day of JULY
 of 1945
 Number 8959 Book F. J. Folio 251
 W. FORBES
 Registrar P.S.L.A.D.

Certificate of Title

Asses. Fund Value \$4800.00

Unearned Inc. Value \$3525.00

Refer Cert. No. 28, S. 155

South Alberta Land Registration District

CANCELLED

This is to Certify that MARY JANE BENTZ OF OLDS IN THE PROVINCE

OF ALBERTA (WIDOW) EXECUTRIX OF THE WILL OF JOSEPH C. BENTZ (DECEASED)

(AS TO THE INTEREST OF JOSEPH C. BENTZ UNDER
 is now the owner of an estate in fee simple (CERTIFICATE OF TITLE 28, S. 155 AS SUCH EXECUTRIX)

of and in THE WEST HALF OF SECTION TWO (2) IN TOWNSHIP THIRTY THREE (33) RANGE ONE (1)

WEST OF THE FIFTH MERIDIAN IN THE PROVINCE OF ALBERTA CONTAINING THREE HUNDRED

AND TWENTY (320) ACRES MORE OR LESS.

EXCEPTING OUT OF THE SOUTH WEST QUARTER FIFTY HUNDREDBUTHS (0.50) OF AN ACRE MORE
 OR LESS FOR A ROADWAY AS SHOWN ON A PLAN FILED IN THE LAND TITLES OFFICE FOR THE
 SOUTH ALBERTA LAND REGISTRATION DISTRICT AS 2360 E.Z.

RESERVING UNTO HIS MAJESTY ALL MINES AND MINERALS AND THE RIGHT TO WORK THE SAME,
 AND

NO ENDORSEMENTS
 ON BACK OF TITLE

This Certificate is cancelled
 and a new Certificate 666183 issued in
 MARY JANE BENTZ
 under authority to HEN.
 above mentioned from the
 day of August 2nd 1945
 984 F.L.
 Registrar

subject to the encumbrances, liens and interests notified by memorandum underwritten
 or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have herewith subscribed my name and affixed my

official seal this TENTH

day of JULY A.D. 1945

W. Forbes Registrar

P.O. Address OLDS, ALBERTA

South Alberta Land Registration District

CANCELLED 28 S 155



Based on instrument registered at 1037
 at _____ on the _____ day of _____
 A.D. 192____
 Under 2784 and D/B No 107
 J. E. G. G. G.
 Registrar, P. A. L. R. D.

Abs.

Certificate of Title

14 D. 51
 18 B. 11

Asses. Fund Value \$ 11,200.

Unassessed P.A. Value \$ 7050.

Refer Cert. No. _____

CANCELLED South Alberta Land Registration District

This is to Certify that Joseph L. Beniz of Olds
 in the Province of Alberta Farmer and Mary Jane Beniz of the
 same place his wife
 are the owners of an estate in fee simple
 of and in the West half of Section Two (2) in Township Thirty Three (33)
 Range One (1) West of the Fifth Meridian in the Province of
 Alberta containing Three hundred and twenty (320) acres more
 or less.

CANCELLED

Reserving unto him legally all mines and minerals
 and

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed
 hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official

seal this _____

day of September A.D. 1929

J. E. G. G. G. Registrar,
 South Alberta Land Registration District.

P.O. Address Olds Alberta

AW Agricultural Relief Advances Act (1934) dated 10/6/37
 No. 7822 F.X.
 reg'd 10.12.12 June 1937

Withdrawal of Lien 7822 F.X.

11.6 April 1938 - 2:27 pm - 12 April 1938 - 1975

Mortgage Owners to Canadian Farm Loan Board \$2800.00 @ 5%
 12 Jun 1939 - 10:13 am - 28 Jan 1939 - 4928.26

over

Swy

This Certificate is cancelled as to the O. 50 of an acre
being the land and Mineral and a new Certificate No. 56 W128

being to R. M. The King.

(Registered under title) 21 March 1842
and Registered at 1100 on 2 May 1842 as 2360 E.L.

J. C. Grenday
As Registrar

Discharge of Mortgage 493 E.L. - 26 Oct. 1944 - 10 AM -
- 21 Nov. 1944 - 3027 F.J.

This Certificate is cancelled as to the land of Joseph C. Bantz
and a new Certificate 66C161 is issued to

Mary Jane Bantz
Transfer to [unclear] from the

was gained registered on 6 July 1945.

and registered at 1109 on 10 day of

July, A.D., 1945 as No. 8959 F.J.

[Signature]
as Registrar

Cancelled this 2 day of August

1945 by co. [unclear] certificate

66E 183 under certificate 66E185

[Signature] as Registrar

Certificate of Title.

Issued on instrument registered at 2nd o'clock
3 m. on the 8 day of November
 A. D. 1911
 Number 6618 Registered 211
R. J. Brown
 68 Registrar A.L.R.D.

Asso. Fund Valued \$ 5.00

Uncarned Inc. Value Transaction

Land Registration District

Refer. Cert. No. 9. E. 63.

This is to Certify that The Trust & Guarantee
Company, Limited, Administrators, de bonis non, of the Estate of Emma
Cell, late of Alberta, in the Province of Alberta, married woman, deceased
is now the owner of an estate in fee simple as such administrator, in the interest of said
Emma Cell.
under certificate of title J.L. 110. Being one undivided half share (72.5%)
of and in the West half of Section Two (2) in Township Thirty-three (33) Range One (1), West of the
Fifth Meridian in the Province of Alberta, containing three hundred and
twenty (22) acres more or less.

Reserving unto His Majesty - all mines and minerals
and

This Certificate is cancelled _____
and a new Certificate S155 issued to _____
Walter C. Bulz et al
on the transfer to _____ from the
above named registrant Paul J. Gauff 972
and the date of the transfer is _____ at _____
Sept 1977 as the 8707 STB
Redfisher
221110-000-000

**NO ENDORSEMENTS
ON BACK OF TITLE**

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this Eighth day of November A.D. 1916

P.O. Address

Land Registration District

CANCELLED

Certificate of Title.

I Certify that the within Instrument is duly Entered
and Registered in the Land Titles Office for the
..... Alberta Land Registration District of
..... in the Province of Alberta,
at o'clock m., on the 22 day
of A.D. 1914
Number Book 32 Fol. 215..
By Registrar A.L.R.D.

Refer Cert. No. J. L. 110.
Last Value \$96.00.
Transmission.

Land Registration District

This is to Certify that Wimpfield Scott Call of Hds. in the Province of Alberta - former Administrator of the Estate of Emma Call, late of the same place - deceased.

is now the owner of an estate as such Administrator in the Interest of
James Call, under Certificate of Letters J. L. 119.
of and in the West half of Section Two (2), in Township

Thirty-three (33). Range One W. West of the Fifth Meridian
in the Province of Alberta. Containing Three hundred
and Twenty (320) Acres, more or less.

Errepting therout all Mines an a Mmirels
and.

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this Twenty-second day of September A.D. 1914.

P.O. Address Box Alhertae

Land Registration District

The title of The above owner is subject
to a mortgage made by American M^{rs} Judge
to Donald M^{rs} Judge
to secure \$ 1,596 and interest at 6 per annum
payable as therein mentioned, dated 22nd 1934
and Registered at 10th & Nth Street 1934
as 4654 William R Registrar

[illegible]

The title of the above owner is subject
to a mortgage made by William & Emma Call
to Walter Craig Dunlop & Charles Patton
to secure \$ 2500 and interest at 9 per annum
payable as therein mentioned, dated 1st Dec 1911
and Registered at 10²⁰ 3. M. 1911
as 5260 A H. William & Emma Call
Registrar

Mortgage 4644 is discharged by discharge
from Margaret Frame
Dated the 28 April 19 15
Registered at 10¹⁵ a.m. 15 day
May 19 15 2109 B.I.
William & Emma Call Registrar

Mortgage 5260 A H. is discharged
from Walter Craig Dunlop & Charles Patton
Dated the 10 August 19 14
Registered at 11²³ a.m. 22 day
May 19 15 1368 B.I.
William & Emma Call Registrar

Wm. Scott (ad having died leaving
property unadministered
Letters of administration dated
23 Oct 1916
granted to The Trust & Guarantee Co Ltd.

This Certificate is cancelled
and a new Certificate 257 issued to
The Trust & Guarantee Co Ltd
under Transfer to Transmission from the
above named registered owner dated 3 Nov 1916
and Registered at 2³⁰ o'clock M, this 8 day of
Nov. A.D. 19 16 as 1368 B.I.
William & Emma Call Registrar

CANADA
8000

J.L. 110

Certificate of Title.

CANCELLED

South Alberta Land Registration District

Reference Certificate D.L. 240

This is to certify that Winfield S. Call of
Olds in the Province of Alberta, Farmer, and Emma Call,
his wife

are now the owners of an estate in fee simple
of and in the West-half of Section Two (2) in Township Thirty-three (33)
Range One (1) West of the Fifth Meridian in the Province of Alberta
containing three hundred and twenty (320) acres more or less.

Reserving unto his Majesty his Successors and Assigns
all mines and minerals and the right to work the same and.

subject to the encumbrances, liens and interests notified by memorandums written or endorsed
hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official
seal this First day of April A.D. 1909
James A. Egan Registrar
South Alberta Land Registration District

P.O. Address Olds, Alberta

1.- The title of the above owners is subject
to a Mortgage made by James Mc Intyre
to Donald Mc Intyre
to secure \$5000 and interest at 6% per annum
payable as therein mentioned, dated 20th May 1907
and Registered at 10th June 1907
as 4044 J James A. Egan Registrar

2.-

Mortgage No. <u>4044 J</u> is transferred by transfer	
from <u>Donald Mc Intyre</u> to <u>Elizabeth Frame, Margaret Frame & James Frame</u>	
Dated the <u>22nd</u> day of <u>March</u> 19 <u>08</u>	
Registered at <u>11:24</u> AM, the <u>17th</u> day	
of <u>April</u> 19 <u>09</u> as <u>4044 R</u>	
<u>James A. Egan</u> Registrar	

3. The title of the above owner is subject
 to a Mortgage made by Joseph Marion Slavy
 to Thomas M. Karcher
 to secure \$ 2870 and interest at 7% per annum
 payable as therein mentioned, dated 17th May 1920
 and Registered at 10:00 am of 17th May 1920
 as 356 N Wm. McKim Registrar

Mortgage 356 N is discharged by discharge
 from Thomas M. Karcher to
Oliver W. Chamberlain
 Dated the 24th day of June 1921
 Registered at 10:00 am of the 5th day
 of August 1921 as 2113 BT
Wm. McKim Registrar

The title of the above owner is subject
 to a Mortgage made by her
 to Wallace Craig Duncan & Charles Patton
 to secure \$ 2500 and interest at 9% per annum
 payable as therein mentioned, dated 9 Aug 1911
 and Registered at 10:00 am of 9 Aug 1911
 as 5260 A-N Wm. McKim Registrar

Mortgage 5260 N is discharged by discharge
 from Oliver W. Chamberlain
 Dated the 21st day of April 1911
 Registered at 9:25 am of the 13th day
 of Aug 1911 as 5544 B-N
Wm. McKim Registrar

Emma Call died 8 April 1914
Letters of Administration dated 25 Aug 1914
Granted to
Winfield Scott Call

This Certificate is cancelled as to interest of Wm. Call
 and a new Certificate 9963 is issued to
Winfield Scott Call
 under Transfer to Transmuted from the
 above named registered owner dated 19 Sept 1914
 and Registered at 3:00 of the 22nd day of
Sept A.D. 1914 as 6142 B-A
Wm. McKim Registrar

Mortgage 4644 B is discharged by discharge
 from Margaret E. Jones
 Dated the 28th day of April 1915
 Registered at 10:00 am of the 25th day
 of May 1915 as 2203 B-L
Wm. McKim Registrar

Mortgage 5260 A-N is discharged by discharge
 from Wallace Craig Duncan & Charles Patton
 Dated the 10th day of August 1914
 Registered at 11:28 am of the 22nd day
 of May 1914 as 2368 B-L
Wm. McKim Registrar

Will of Winfield Scott Call dated 30 Sept 1914
Testator died 16 Sept 1916
Probate granted to
Euri Scott Call &
Elizabeth Homer Scott Snow

This Certificate is cancelled
 and a new Certificate 11 issued to
Euri Scott Call & Co
 under Transfer to Transmuted from the
 above named registered owner dated 10 Nov 1916
 and Registered at 2:00 of the 1st day of
Dec A.D. 1916 as 997276 Wm. McKim Registrar

CANADA

CANCELLED
1110

D.L. 240.

Duplicate Certificate of Title.

I certify that the above
duly entered and reg.
Titles Office for the Prov.
Registration District at Calgary
Province of Alberta at 10:15 o'clock
P.M. on the 17 day of April.
A. D. 1906 Number 355 Book N
Vol 15
M. R. Robertson
Registrar
CALGARY

South Alberta. Land Registration District

Reference to Certificate BZ. 164.

This is to Certify that Joseph Marion Silvery plots
in the Province of Alberta

is now the owner of an estate in fee simple
of and in the West half of section Two (2) in Township Thirty-three (33)
Range One (1) West of the Fifth meridian in the said Province
of Alberta containing Three hundred and Twenty (320) acres
more or less.

Reserving unto His Majesty His successors and
Assigns all mines and minerals and the right to
work the same, and

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed
hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official
seal this seventeenth day of April A.D. 1906.

M. R. Robertson Registrar

P. O. Address Edmonton Alberta

South Alberta Land Registration District

1. The title of the above name is subject to a mortgage made by Duncan McIndrye
to Donald McIndrye to secure \$1596.00 and interest at 6 per cent per annum
payable as therein mentioned dated 25th May 1904 and registered at 10:44 A.M.
14th June 1904 as 4644. T. which mortgage is transferred by transfer from the
said Donald McIndrye to Elizabeth Frame Margaret Frame and James Frame
dated 2nd March 1905 and registered at 11:24 A.M. 17th April 1905 as 4824. K.

M. R. Robertson Registrar

CANADA
TERRITORIES.

This Certificate is cancelled

and a new certificate of title

P.L. 247 issued this 14th
day of June 1904.

Wm. H. H. D.
Registrar

See Reference Certificate
B.L. 162.
B.L. 163.

B.L. 164.
Certificate of Title.

I Certify that the within instrument is
duly executed and registered in the Land
Titles Office for the South Alberta
Registration District at the
North West corner of the block
containing the 4th of June
A.C. 1904, number 4644.
Wm. H. H. D.
Registrar
S. A. L. R. D.

South Alberta Land Registration District

This is to Certify that Duncan M. McIntyre of Olds in
the District of Alberta in the North West Territories, Farmer

is now the owner of an estate in fee simple
of and in the West-half of Section (No 2) in Township Thirty three (33)
Range One (1) West of the Fifth Meridian in the said District of Alberta,
containing three hundred and twenty (320) acres more or less

Reserving unto His Majesty, His Successors and assigns all
mines and minerals and the right to work the same and

NO ENDORSEMENTS
ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed
hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereto subscribed my name and affixed my official
seal this fourth day of June A.D. 1904.

W. H. H. D. Registrar,

South Alberta Land Registration District.

P.O. Address, Olds N.W.T.

1. The title of the above owner is subject to a Mortgage dated 25th May 1904
made by him to Donald M. McIntyre to secure \$1500 and interest at 6 percent
per annum payable as therein mentioned; Registered at 10.44 a.m. 4th June 1904 as
4644. J.
W. H. H. D. Registrar

2. Mortgage No. 44: Is transferred by transfer from Donald M. McIntyre to Elizabeth Frame,
Margaret Frame, and James Frame, dated 2nd May 1905 and registered at 11.24 a.m. 4th
June 1905, as 4624. K.
W. H. H. D. Registrar

Transfer to
from the above named registered owner
dated 26th May 1904, registered at 10.44 a.m.
A.D. 1904, No. 4644.
Wm. H. H. D.
Registrar

CANADA
TERRITORIES

Cancelled this 14th day of June
1904 by consolidation with
D.L. 162 under certificate D.L. 164
H. J. Placid Winter
Registrar

D.L. 163

Certificate of Title.

I Certify that the within Instrument is
duly entered and registered in the Land
Titles Office for the South West Land
District, on the 10th day of June
1904, at 10 o'clock
A.M. on the 14th day of June
1904, under
Folio 169, of the
H. J. Placid Winter
Registrar

South West Land Registration District

See Reference Certificate D.L. 164.

This is to Certify that Duncan McIndy of Olds
in the District of Alberta in the North West Territories, Farmer

is now the owner of an estate in fee simple
of and in the North West quarter of Section 27th in Township Thirty-three (33)
Range One (1) West of the Tenth Meridian in the said District of Alberta
containing by admeasurement One hundred and sixty (160) acres more
or less;

Reserving unto His Majesty, His Successors and assigns all
mines and minerals and the right to work the same and

NO ENDORSEMENTS
ON BACK OF TITLE

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed
hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official
seal this 14th day of June A.D. 1904.

H. J. Placid Winter

Registrar,

South West Land Registration District.

P. O. Address,

Olds N.W.T.

CANADA
TERRITORIES

B.T. 8.

Duplicate Certificate of Title

This Certificate is cancelled

and a new certificate of title

is issued this

23rd day of June A.D. 1904.

Witness my hand and seal

at Regina

S.A.L.R.D.

See Reference Certificate 4.168.

South Alberta Land Registration District

I Certify that the within instrument is
correctly entered and registered in the Land
Titles Office for the South Alberta Land
Registration District at Calgary in the
North West Territories, at 10 o'clock
A.M. on the 24th day of December
A.D. 1902 Number 738 Book 1
Vol. 177. My hand and seal
at Regina
S.A.L.R.D.

This is to Certify that Duncan McIntyre, and
Donald McIntyre, both of Olds in the District of Alberta in the
North West Territories, Farmers
are now the owners of an estate in fee simple
of and in the North West quarter of Section Two (2) in Township
Thirty three (33) Range One (1) West of the Fifth Meridian, in the
said District of Alberta containing by admeasurement One
hundred and sixty (160) acres more or less.

Reserving unto His Majesty His Successors and Assigns
all mines and minerals and the right to work the same and.

NO ENDORSEMENTS
ON BACK OF TITLE

CANCELLED

subject to the encumbrances, liens and interests notified by memorandums underwritten or endorsed
hereon, or which may hereafter be made in the register.

In Witness Whereof I have hereunto subscribed my name and affixed my official
seal this Twenty fourth day of December A.D. 1902.

P. O. Address Olds N.W.T.

H. J. G. Miller Registrar,
South Alberta Land Registration District.

This Certificate is cancelled
and a new Certificate is issued to
Duncan McIntyre
under Transfer to him from the above named registered owners
dated 25th day of May 1904 and registered at 10 o'clock
A.M. this 1st day of June A.D. 1904 as No. 44642 J.
H. J. G. Miller
REGISTRAR.

CANADA
WESTERN

and a new certificate of title
issued this 11th day of December, 1902.
S. A. L. R. D.

Certificate of Title

South Alberta Land Registration District

This is to Certify that William Peterson Cornwall of Township Thirty Three Range One West of the Fifth Meridian in the Provisional District of Alberta, in the North West Territories, in the Dominion of Canada is the owner of an estate in fee simple

of and in the North West Quarter of Section Two, in the Township Thirty Three Range One West of the Fifth Meridian, in the Provisional District of Alberta, in the North West Territories, in the Dominion of Canada containing by admeasurement one hundred and sixty acres more or less, reserving unto the majority the successors and assigns all mines and minerals which may be found to exist therein, upon, or under such lands together with full power to work the same and for this purpose to enter upon and use and occupy the said lands or as much thereof and to such an extent as may be necessary for the effectual working of the said minerals or the mine pits seams and veins containing the same

NO ENDORSEMENTS
ON BACK OF TITLE

I Certify that the within instrument is duly entered and Registered in the Land Titles Office for the South Alberta Land Registration District at Calgary in the North West Territories, at 10 o'clock A.M. on the 16 day of December A.D. 1902. Number 249, Book 2.

subject to the encumbrances, liens and interests notified by memorials underwritten or endorsed hereon, or which may hereafter be entered in the Register of Titles

In Witness Whereof I have hereunto subscribed my name and affixed my official seal this 16th day of December A.D. 1902,

P. O. Address, Calgary N.W.T.
 J. A. L. R. D. Registrar, South Alberta Land Registration District

DATE OF INSTRUMENT

PARTIES TO INSTRUMENT

NATURE OF PARTICULARS OF INSTRUMENT

STORIES OF DAY BOOK

Certificate is cancelled
and a new Certificate issued to Duncan McIntyre and Donald McIntyre under Transfer to them from the above named registered owner dated 10th December 1902 and registered at 10 o'clock A.M. this 14th day of December, D. 1902 as No. 278.1.
N. J. L. Registrar

P. O. Address

Registrar

July 5, 2021

Ms. Natasha Pitt
Athena Environmental Consultants Ltd.
364 Spruce St
Springbrook AB T3S 0P1

EMAIL: npitt@athenaenv.ca

Re: ASCA Storage Tank Search - Your File No. 21-0018

Dear Ms. Pitt,

As per your search request dated June 28, 2021, Alberta Safety Codes Authority (ASCA) has searched the storage tank database for existing and former installations of storage tank systems, as defined by the Fire Code, including those known to be inside structures at the following address:

1. NW-2-33-1-4, AB

The search of the storage tank database determined no records were available for the address requested.

The Freedom of Information and Protection of Privacy Act governs the information provided. Please note that the database is **not** complete. The main limitation of the database is that it only includes information reported through registration and permitting or a survey of abandoned sites completed in 1992 and should not be considered a comprehensive inventory of all past or present storage tank sites. ASCA's storage tank systems database is solely maintained based on information provided by owners and operators of storage tank systems; therefore, the database may not reflect information related to all existing or former storage tank systems in Alberta. Further information on storage tank systems or investigations involving a spill/release or contamination may be filed with the local fire service or Alberta Environment.

Regards,

ASCA Associate
ascatanks@safetycodes.ab.ca

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Authorization Viewer


Traditional Agriculture Registration Viewer

Public Notices Viewer

Help

Authorization Viewer -
Search Results

The Search Used the Following Values:	
Legal Land Location:	NW 02-033-01-W5
Act / Document Type:	Water Act, EPEA
Show Inactive Authorizations:	Yes

The resulting Authorizations based on the search criteria will be displayed below. A  will appear next to the Authorization when documentation is available for viewing or downloading. Please click [Viewer Help](#) if you encounter problems viewing the Authorization document.

0 Result(s)

Clear & Return

Comments regarding the Authorization Viewer page may be directed to the Regulatory Approvals Centre RAC.Environment@gov.ab.ca.



[Home](#) → [National pollutant release inventory](#)

- [Tools and resources for the National Pollutant Release Inventory data](#)
- [National Pollutant Release Inventory Data Search](#)

Facility Search Results

Data as of: September 13, 2018

[Return to NPRL \(National Pollutant Release Inventory\) Data Search](#)

[Additional resources for accessing, understanding and analyzing NPRL \(National Pollutant Release Inventory\) data.](#)
[NPRL \(National Pollutant Release Inventory\) data is also available for download in ACCESS and EXCEL formats.](#)

Search Information

Search criteria	
Reporting Year	2017
Substance	All Substances
Location	Postal code = T0M
Facility	All Facilities

Industrial Sectors	All Sectors
Type	All Types
Total Results	171

The number of results returned here may differ from published lists of the number of facilities reporting pollutant releases and transfers to the NPRI due to the inclusion of facilities reporting only under Ontario Regulation 127/01, and/or facilities submitting "did not meet criteria" reports.

Sort by:

Facility Name

Sort order:

Ascending

Sort

NPRL (National Pollutant Release Inventory) ID	GHGRP (Greenhouse Gas Reporting Program) ID	Facility	City	Province
19171		Aecon Transportation West - P-01	Beiseker Pit	AB
3941		AltaGas Ltd. - Harmattan - Harmattan Gas Processing Plant	Didsbury	AB
15437		ATCO Energy Solutions Ltd. - Carbon	Carbon	AB

29618		Bellatrix Exploration Ltd. - Willesden Green Comp Stn 05-03	Calgary	AB
22026		Bonavista Energy Corporation - AMOCO CAROLINE 15-16	SUNDRE NU	AB
27349		Bonavista Energy Corporation - BNP SUNDRE 08-01-034-06W5 GGS	SUNDRE NU	AB
23817		Bonavista Energy Corporation - BONAVIDA CARSTAIRS 3-3	CAR ELKTNU	AB
21078		Border Paving Ltd. - Portable Plant 020011	Lacombe	AB
24232		Border Paving Ltd. - Portable Plant 020010	Sandre	AB
18732		Canadian Natural Resources Limited - Green Oil Battery 07-06-039-05W5	n/a	AB
28314		Canadian Natural Resources Limited - Nevis Compressor Station 14-29-038-22W4	n/a	AB
29647		Canadian Natural Resources Limited - Clearwater Gas Battery 02-12-041-13W5	n/a	AB
24095		Canadian Natural Resources Limited - Ranger Rich Sweet Gas Plant 01-19-035-21W4	n/a	AB
22258		Canadian Natural Resources Limited - Wimborne Gas Battery 02-16-034-26W4	n/a	AB

16863		Canadian Natural Resources Limited - Tarragon Twinning North Sweet Gas Plant 04-31-032-24W4	n/a	AB
18874		Canadian Natural Resources Limited - Ghost Pine Sweet Gas Plant 04-18- 032-22W4	n/a	AB
29258		Canadian Natural Resources Limited - Lanaway Oil Battery 04-23-036- 03W5	n/a	AB
28663		Canlin Energy Corporation - Panther 10-13 Battery	na	AB
21753		Canlin Energy Corporation - Gilby 2- 27 Gas Plant	na	AB
17600		Canlin Energy Corporation - PETRO- CAN GILBY	na	AB
22856		Canlin Energy Corporation - Nevis Battery 02-16	Nevis	AB
27469		Canlin Energy Corporation - Crossfield 5-22 Battery	na	AB
22891		Cargill Limited - Cargill AgHorizons, Equity HTP, AB	Trochu	AB
18636		Cenovus Energy Inc. - Gilby Comp Station 11-12	n/a	AB
18638		Cenovus Energy Inc. - Gilby Comp Station 07-08	n/a	AB

22221		Cenovus Energy Inc. - Gilby Comp Stn 14-17	n/a	AB
16238		Cenovus Energy Inc. - Medicine River Sour Gas Plant	n/a	AB
18670		Cenovus Energy Inc. - Medicine River Comp Stn 12-28	n/a	AB
22118		Cenovus Energy Inc. - Medicine River Comp Stn 02-10	n/a	AB
16258		Cenovus Energy Inc. - Sylvan Lake Oil Battery 10-21	n/a	AB
23408		Cenovus Energy Inc. - Gilby Gas Battery 08-16	n/a	AB
18701		Eagle Energy Inc. - Twinning Gas Plant	na	AB
18803		Ember Resources Inc. - Entice System 3 Comp Stn 16-28	N/A	AB
21029		Ember Resources Inc. - Lonepine West 02-29-031-28W4	Red Deer	AB
22289		Ember Resources Inc. - Entice Sweet Gas Plant 05-31	Calgary	AB
29013		Ember Resources Inc. - 06-02-34-25-W4M Linden	N/A	AB
29010		Ember Resources Inc. - Twining Sweet Gas Plant 12-10	N/A	AB

22307		Ember Resources Inc. - Elnora Gas Battery 15-32	N/A	AB
16591		Ember Resources Inc. - Entice System 2 Sweet Gas Plant 01-24	N/A	AB
16600		Ember Resources Inc. - Gayford South Comp Stn 12-35	N/A	AB
21456		Ember Resources Inc. - Three Hills Comp Stn 05-12	N/A	AB
18816		Ember Resources Inc. - 11-25-35-25-W4M Three Hills Comp Stn	N/A	AB
23547		Ember Resources Inc. - 14-35-29-24-W4M Swalwell Comp Stn	N/A	AB
18836		Ember Resources Inc. - Torrington Comp Stn 08-31	N/A	AB
19577		Ember Resources Inc. - Linden Comp Stn 07-11	N/A	AB
22907		Ember Resources Inc. - 13-27-31-25-W4M Keivers Lake Twining Gas Battery	N/A	AB
29014		Ember Resources Inc. - 13-15-36-24-W4M Ghost Pine Comp Stn	N/A	AB
21031		Ember Resources Inc. - Torrington 08-28-032-26W4	Red Deer	AB
29012		Ember Resources Inc. - 16-07-29-26-W4M Acme	N/A	AB

21028		Ember Resources Inc. - 09-14-030-27W4 Lonepine South	Red Deer	AB
24477		Ember Resources Inc. - 01-36-30-26-W4M Twining Comp Stn	N/A	AB
16126		Ember Resources Inc. - 01-22-27-25-W4M Entice Comp Stn	N/A	AB
16135		Ember Resources Inc. - 16-18-26-26-W4M Lyalta Comp Stn	N/A	AB
19550		Ember Resources Inc. - Entice System 2 Gas Battery 03-22	N/A	AB
21440		Ember Resources Inc. - Lousana Comp Stn 04-10	N/A	AB
23548		Ember Resources Inc. - Twining Comp Stn 01-11	na	AB
21422		Ember Resources Inc. - 05-19-31-22-W4M Ghost Hills Comp Stn	N/A	AB
16509		Encana Corporation - Severn Comp Stn 06-17	N/A	AB
16859		Encana Corporation - Carbon Sweet Gas Plant 08-34	N/A	AB
16711		Encana Corporation - Redland Comp Stn 11-19	N/A	AB
23543		Enmax Generation Portfolio Inc - Crossfield Energy Centre	Crossfield	AB

16924		ExxonMobil Canada Ltd - HARMELK 6-32	N/A	AB
28234		ExxonMobil Canada Ltd - Elkton Harmattan	Elkton	AB
6870		Foothills Pipe Lines Ltd. - Acme	na	AB
15417		Gain Energy Ltd. - Gilby Oil Battery 10-19-40-03W5M	Gilby	AB
15763		HARVEST OPERATIONS CORP. - ENCAL SYLVAN LAKE	na	AB
24497		HARVEST OPERATIONS CORP. - Harvest Crossfield 4-1-28-28w4	na	AB
22408		HARVEST OPERATIONS CORP. - REDLODGE 11-23 GGS	na	AB
24508		HARVEST OPERATIONS CORP. - CAROLINE 13-35	na	AB
24503		HARVEST OPERATIONS CORP. - Gilby Gas Plant 10-34	na	AB
16990		Husky Oil Operations Limited - Hastings Coulee Gas Plant 01-14-041-15W4	Forestburg	AB
17069		Husky Oil Operations Limited - Strachan Gas Plant 03-06-039-11W5	Nordegg	AB
16982		Husky Oil Operations Limited - Sylvan Lake Gas Plant 01-21-038-02W5	Sylvan Lake	AB

22505		Ikkuma Resources Corp. - Talisman 08-24	Calgary	AB
25200		Inplay Oil Corp. - Anderson 05-14- 039-05W5	Anderson	AB
1364		Keyera Corp - Gilby Sour Gas Plant 15-22-040-03W5	n/a	AB
17167		Keyera Corp - Garrington Compressor Station 03-36-035-05W5	n/a	AB
4161		Keyera Corp - Ricinus Sweet Gas Plant 11-30-035-08W5	n/a	AB
28145		Long Run Exploration Ltd - LRE - Baytex 05-10	NA	AB
21806		Lynx Energy ULC - Twining Battery 09-33	Twining	AB
21802		Lynx Energy ULC - Penhold Central Battery 15-29	Penhold C	AB
22769		Lynx Energy ULC - Three Hills Creek Gas Battery 05-36	Calgary	AB
29760		Manitok Energy Inc. - Stolberg Comp Stn 06-21	NA	AB
29757		Manitok Energy Inc. - Stolberg Comp Stn 10-29	NA	AB
29759		Manitok Energy Inc. - Stolberg Comp Stn 15-1	NA	AB

29758		Manitok Energy Inc. - Stolberg Comp Stn 02-29	NA	AB
29446		Manitok Energy Inc. - Stolberg Comp Stn 13-15	N/A	AB
18902		NAL Resources Management - Sylvan 13-25-37-03-5	Sylvan	AB
23100		NAL Resources Management - Med River 06-34-39-03-5	Med River	AB
6559		NAL Resources Management - Sylvan Lake Gas Plant 14-32-037- 03W5M	Sylvan Lake	AB
19014		NAL Resources Management - Med River 10-29-39-4	Med River	AB
21985		NAL Resources Management - Med River 06-20-38-04-5	Med River	AB
17239		NAL Resources Management - Medicine River 10-04-039-04-W5	Med River	AB
19016		NAL Resources Management - Sylvan Lake Gas Plant 06-08-38-03-5	Sylvan Lake	AB
18901		NAL Resources Management - Sylvan 07-13-37-03-5	Sylvan	AB
21722		NAL Resources Management - Olds 16-33-30-1W5	Calgary	AB
29524		NAL Resources Management - Med River 10-35-39-04-5	Med River	AB

19025		Newalta Corporation - Eckville	Eckville	AB
6560		Nexen Energy ULC. - Balzac Power Station	Rocky View County	AB
1902		Nexen Energy ULC. - Balzac Gas Plant	Rocky View County	AB
4144		Paramount Resources Ltd. - North Caroline Compressor Station	N/A	AB
4146		Paramount Resources Ltd. - South Caroline Compressor Station	N/A	AB
15339		Paramount Resources Ltd. - Lanaway Battery	N/A	AB
15538		Paramount Resources Ltd. - Lanaway 13-05-036-04W5	N/A	AB
15539		Paramount Resources Ltd. - East Garrington Plant	N/A	AB
15536		Paramount Resources Ltd. - Garrington 03-16-034-04W5	N/A	AB
15347		Paramount Resources Ltd. - Garrington Battery (13-05-034-03)	N/A	AB
15540		Paramount Resources Ltd. - Amoco Ricinus D Lease Battery	N/A	AB
1881		Parkland Refining Ltd. - Parkland Refinery	Bowden	AB
29569		Pembina Pipeline Corporation - Baptiste 08-19	Baptiste	AB

18999		Pine Cliff Energy Ltd. - CPC Trochu 16-32 GGS		AB
18625		Pine Cliff Energy Ltd. - Ghost Pine Comp Station 15-14-031-22W4		AB
18628		Pine Cliff Energy Ltd. - Ghost Pine No.1 Comp Station 06-05		AB
23412		Pine Cliff Energy Ltd. - Huxley Comp Station 08-32		AB
16237		Pine Cliff Energy Ltd. - Huxley Sweet Gas Plant 6-17		AB
21801		Pine Cliff Energy Ltd. - Huxley South 12-22		AB
23425		Pine Cliff Energy Ltd. - Twining Comp Stn 14-19		AB
29969		Pine Cliff Energy Ltd. - Greater Three Hills 04-29		AB
764		Plasti-Fab Ltd. - Plasti-Fab Polymer Plant & Plasti-Fab Crossfield	Crossfield	AB
11776		Premier Tech Home & Garden. - Balzac	Balzac	AB
24098		Ridgeback Resources Inc. - HARMATTAN ELKTON 6-29-30-4W5 OIL MWB	na	AB
21711		Sequoia Operating Corp. - Ghost Pine 9-24 GGS	Three Hills	AB

21734		Sequoia Operating Corp. - Twining 10-11 GGS	Three Hills	AB
21735		Sequoia Operating Corp. - Twining GP 4-33	Three Hills	AB
17877		SHELL CANADA LIMITED - Ram Compressor	Caroline	AB
17880		SHELL CANADA LIMITED - LS JCT 3 Compressor	Caroline	AB
2120		Shell Canada Limited - Caroline Complex	Caroline	AB
5288		SHELL CANADA LIMITED - Shantz Sulphur Forming Facility	Cremona	AB
21848		Signalta Resources Ltd. - Ascentex Joffre 11-29	Joffre	AB
24061		Sinopec Canada - Caroline Gas Battery 07-25	n/a	AB
28245		Sitka Exploration Ltd. - 13-24-037-05 W5M		AB
24347		Sitka Exploration Ltd. - 09-04-034-05 W5M Sundre Compressor		AB
26298		Sitka Exploration Ltd. - Sylvan Lake 5-19		AB
4827		Sundre Forest Products, A Division of West Fraser Mills Ltd. - Sundre Forest Products	Sundre	AB

17741		TAQA North Ltd. - PRIMEWEST LONE PINE CREEK	LPC - CBM	AB
23220		TAQA North Ltd. - PEX CAROLINE 1- 32	CAROLINE - WEST	AB
27673		TAQA North Ltd. - PCR FERRIER 7- 16 COMP.	FERRIER - WEST	AB
22479		TAQA North Ltd. - BEARBERRY 07- 09 GGS	Ricinus	AB
27665		TAQA North Ltd. - Find Pembina Blue Rapids GGB	PEMBINA	AB
4140		Taqa North Ltd. - East Crossfield Gas Plant 9-14-28-1W5	Crossfield	AB
15770		TAQA North Ltd. - PENHOLD (10-30)	PENHOLD	AB
23942		TAQA North Ltd. - NORTHRIDGE CAROLINE 3-26	CAROLINE - SOUTH	AB
17761		TAQA North Ltd. - CASCADE CAROLINE	Caroline - South	AB
18190		TAQA North Ltd. - SWALWELL 10-15 CBM BTY	SWALWELL	AB
23855		TAQA North Ltd. - Bearberry GP Multi Well Battery 5-31	Ricinus	AB
15198		Tidewater Midstream and Infrastructure Ltd. - Mikwan Sweet Gas Plant 05-22	N/A	AB

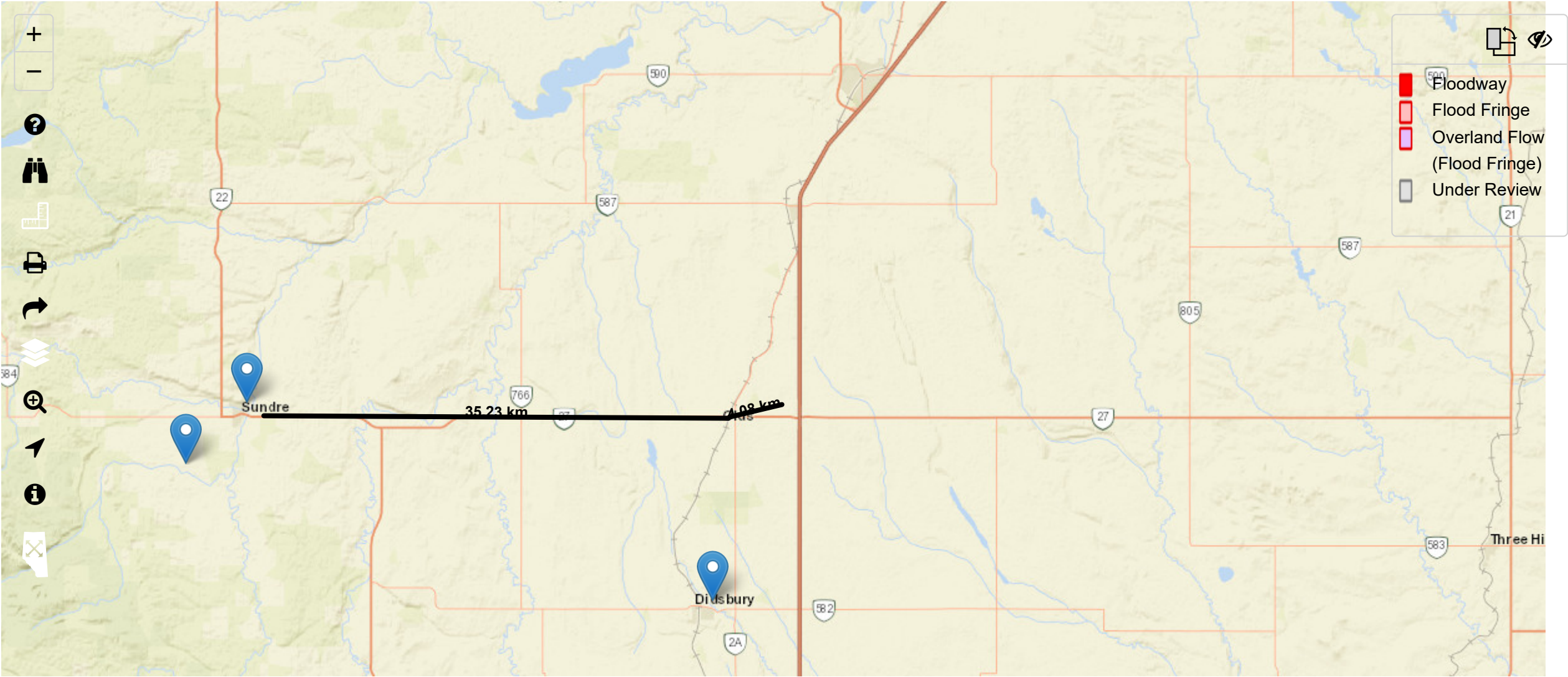
15201		Tidewater Midstream and Infrastructure Ltd. - Sylvan Lake Comp Stn 16-21	N/A	AB
6711		TransCanada PipeLines Ltd. - Clearwater	na	AB
6734		TransCanada PipeLines Ltd. - Schrader Creek	na	AB
6704		TransCanada PipeLines Ltd. - Beiseker	Beiseker	AB
6786		TransCanada PipeLines Ltd. - Vetchland	na	AB
23291		TransGlobe Energy Corporation - Harmattan Comp Stn 09-05	N/A	AB
16983		Trident Exploration Corp - Mikwan Gas Plant 05-19	n/a	AB
29745		Trident Exploration Corp - Trident Compressor Station 02-12	n/a	AB
19647		Trident Exploration Corp - Mikwan Gas Battery 06-03	n/a	AB
19643		Trident Exploration Corp - Trident Compressor Station 13-31	n/a	AB
29749		Trident Exploration Corp - Trident Compressor Station 01-32	n/a	AB
21896		Trident Exploration Corp - Ghost Pine Gas Battery 09-33	n/a	AB

17083		Trident Exploration Corp - Tarragon Sweet Gas Plant 13-27	n/a	AB
19638		Trident Exploration Corp - Dry Island Compressor Station 06-07-035-22W4	n/a	AB
19639		Trident Exploration Corp - Trident Compressor Station 13-14	n/a	AB
29753		Trident Exploration Corp - Trident Compressor Station 15-20	n/a	AB
18171		Vermilion Energy Inc. - Mikwan Gas Plant	Township 037	AB
19139		Viterra Inc. - Crossfield Viterra	Crossfield Market Centre	AB
19147		Viterra Inc. - Trochu Viterra	Crossfield Market Centre	AB
24201		Walmart Canada Logistics ULC - PDC6080	Rocky View	AB
29776		Westbrick Energy Ltd. - Willesden Green 08-10	Clearwater County	AB
29777		Westbrick Energy Ltd. - Westbrick 01-34	Clearwater County	AB
29365		Whitecap Resources Inc. - Garrington 2-4-35-4W5	na	AB
29156		Whitecap Resources Inc. - Whitecap Elnora 16-19-35-22W4	na	AB

24148		Whitecap Resources Inc. - Garrington 8-15-34-4W5	na	AB
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Alberta Floods



Report on Soil Polygon: 12956

Variable	Value
POLY_ID	12956
Map Unit Name	ATL2/U1h
Landform	U1h - undulating - high relief
LSRS Rating (Spring Grains)	3H(8) - 5W(2)

Landscape Model Descriptions:

Orthic Black Chernozem on medium textured (L, CL) till (ATL).

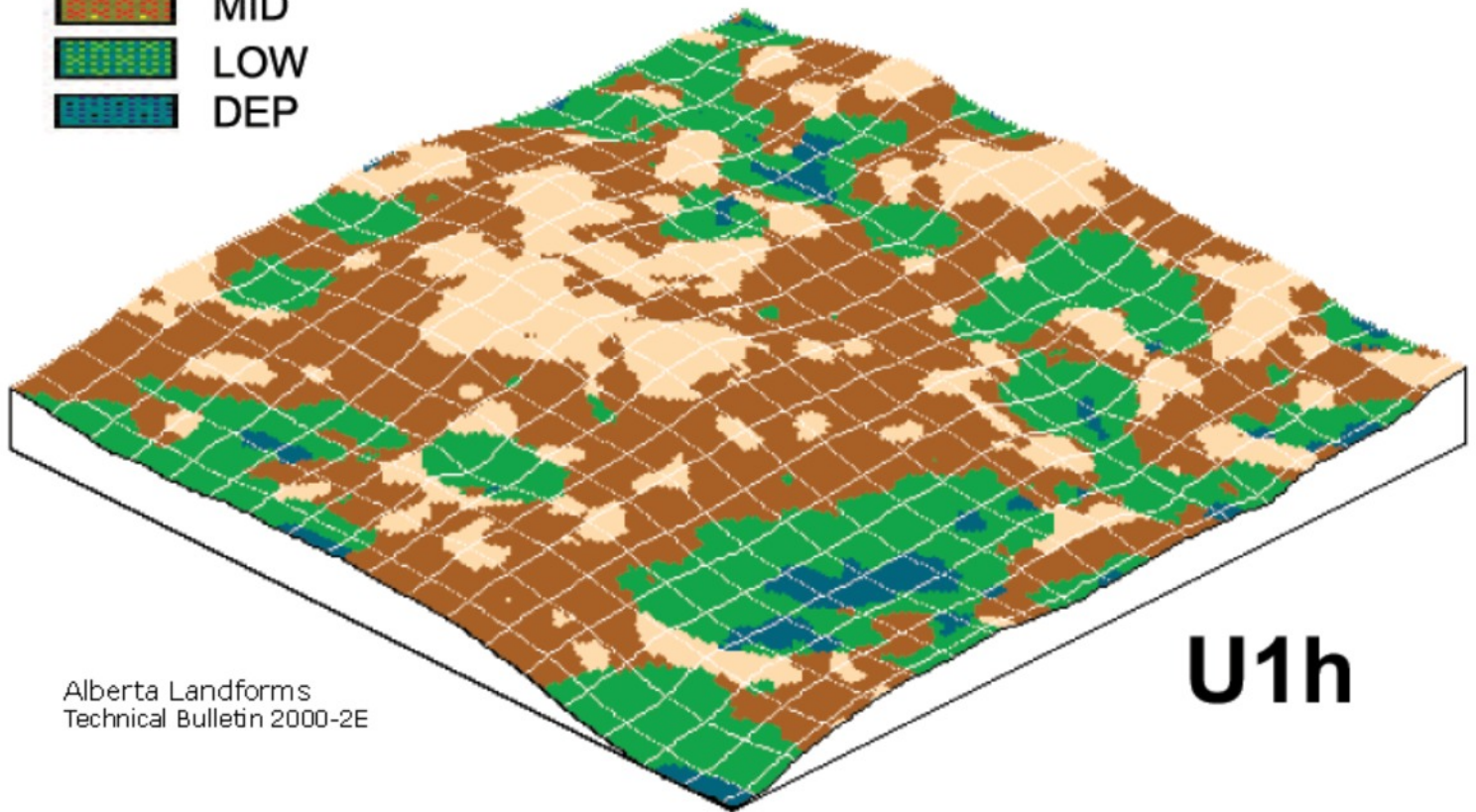
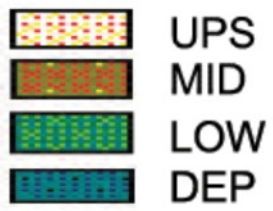
The polygon includes poorly drained soils (2).

Undulating, high relief landform with a limiting slope of 4% (U1h).

Image:

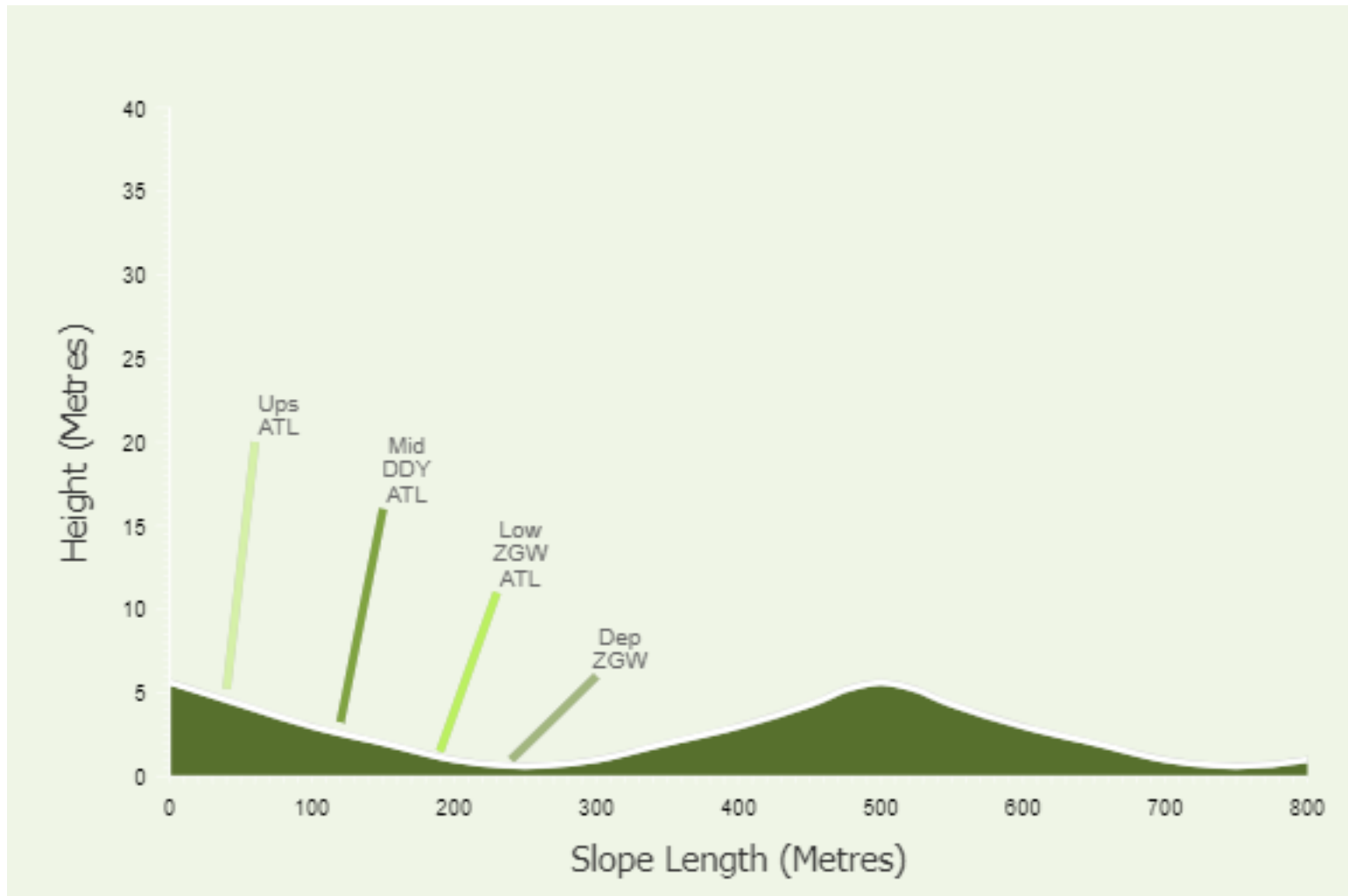


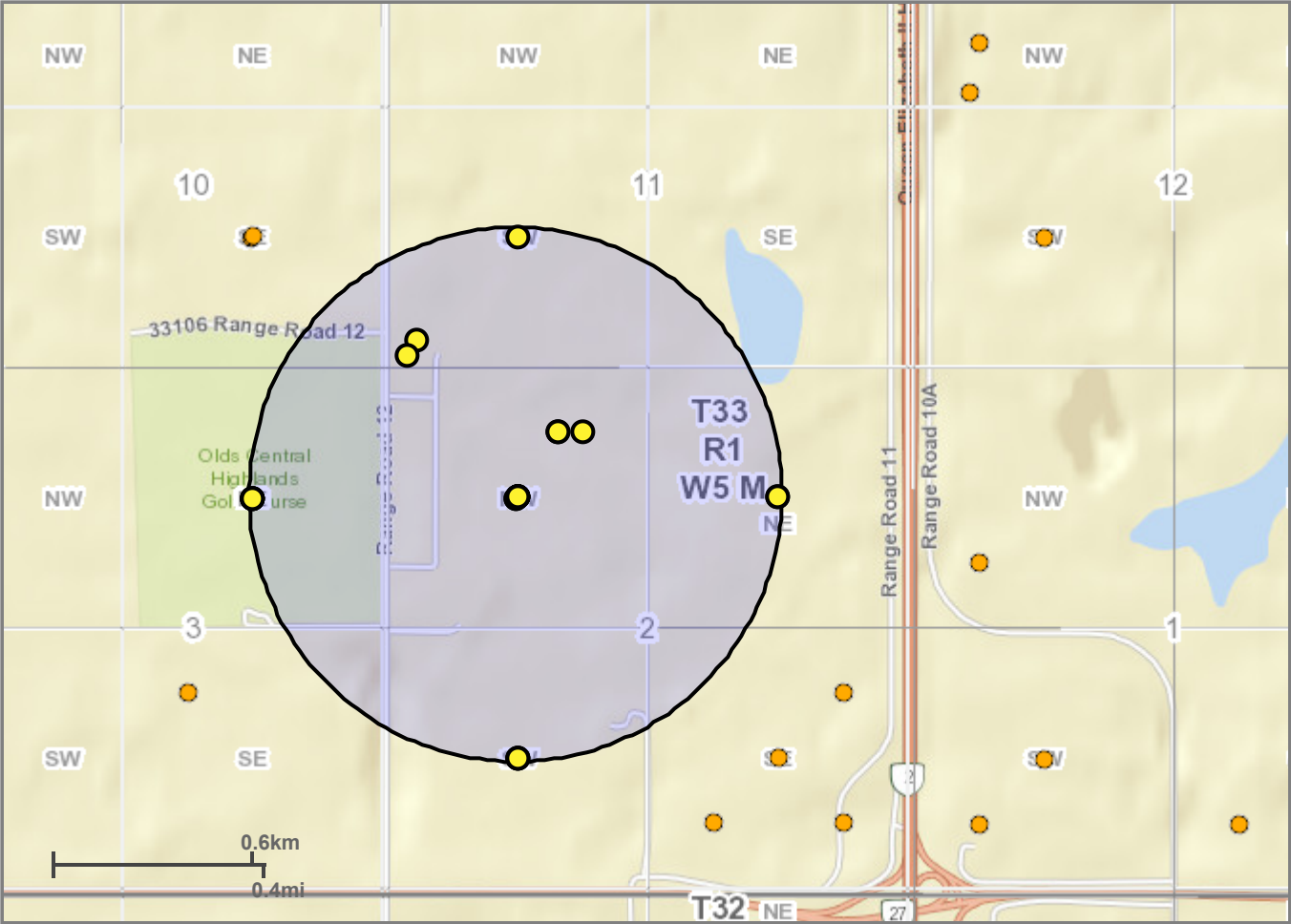
Landform Model:



Alberta Landforms
Technical Bulletin 2000-2E

Landform Profile:





Alberta Water Well Information Database Map

Projection
Web Mercator (Auxillary Sphere)
Datum
WGS 84
Date
8/10/2021, 11:23:20 PM

Legend
● Groundwater Drilling Report
◆ Baseline Water Well Report

<http://groundwater.alberta.ca/WaterWells/d/>



Reconnaissance Report

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Groundwater Wells

Please click the water Well ID to generate the Water Well Drilling Report.

GIC Well ID	LSD	SEC	TWP	RGE	M	DRILLING COMPANY	DATE COMPLETED	DEPTH (m)	TYPE OF WORK	USE	CHM	LT	PT	WELL OWNER	STATIC LEVEL (m)	TEST RATE (L/min)	SC_DIA (cm)
341068	SW	11	33	1	5	M.E. LAWSON WATER WELLS	2001-11-21	28.96	New Well	Domestic		3	9	OLDS COUNTRY DEV LTD	6.40	68.19	14.12
341762	NW	2	33	1	5	KINSELLA DRILLING LTD.	2002-07-22	29.87	New Well	Domestic		4	20	COPPER CROWN HLDG	5.79	68.19	15.24
341763	NW	2	33	1	5	KINSELLA DRILLING LTD.	2001-10-04	28.04	New Well	Domestic		7	18	COPPER CROWN /SOWERBY, M.	6.28	54.55	15.24
359826	NE	3	33	1	5	DOERING DRILLING LTD.	1991-05-28	29.87	New Well	Domestic		12		OLDS GOLF COURSE	6.10	90.92	13.97
416133	SW	2	33	1	5	KINSELLA DRILLING LTD.	1974-04-09	33.53	New Well	Domestic		10		BURTON, W.M.	22.86	90.92	14.12
416134	NW	2	33	1	5	UNKNOWN DRILLER		24.38	Chemistry	Domestic	1			BURTON, W.M.			0.00
416135	14	2	33	1	5	HI-RATE DRILLING 1985 LTD.		195.07	New Well	Unknown		74			40.54	45.46	0.00
416136	NE	2	33	1	5	M.E. LAWSON WATER WELLS	1988-04-22	16.76	New Well	Domestic & Stock		2		MARTIN, JIM	6.40	136.38	13.97
416137	NE	2	33	1	5	DOERING DRILLING LTD.	1988-09-02	48.77	New Well	Domestic & Stock		15		MARTIN, JI,	6.46	54.55	13.97
416144	NE	3	33	1	5	DOERING DRILLING LTD.	1977-02-28	24.99	New Well	Domestic	2	7		OLDS MENS GOLF CLUB	6.49	90.92	14.12
469422	NW	2	33	1	5	KINSELLA DRILLING LTD.	1997-06-16	28.96	New Well	Domestic		5	11	COPPER CROWN HLDG #WELL 2	3.20	54.55	14.12
469423	NW	2	33	1	5	KINSELLA DRILLING LTD.	1997-06-19	30.48	New Well	Domestic		6	13	COPPER CROWN HLDG #WELL 3	2.32	54.55	14.12
469424	NW	2	33	1	5	KINSELLA DRILLING LTD.	1997-06-10	24.38	New Well	Domestic		5	9	COPPER CROWN HLDG #WELL 1	3.81	54.55	14.12
477136	SW	2	33	1	5	DOERING DRILLING LTD.	1988-01-18	43.28	New Well	Domestic & Stock		6		BURTON, B.	18.90	181.84	14.12
477137	SW	2	33	1	5	UNKNOWN DRILLER		42.67	Chemistry	Domestic				MCPHERSON, NANCY			0.00
497773	NE	3	33	1	5	DOERING DRILLING LTD.	2001-01-31	47.24	New Well	Other		8	23	OLDS GOLF CLUB ASSOC	21.64	36.37	13.97
497774	NE	3	33	1	5	DOERING DRILLING LTD.	2001-01-27	22.86	New Well	Other		11	23	OLDS GOLF CLUB ASSOC	2.68	46.82	13.97
499488	NW	2	33	1	5	KINSELLA DRILLING LTD.	2001-06-06	28.96	New Well	Domestic		3	5	COPPER CROWN HLDG	5.79	136.38	15.24
499489	NW	2	33	1	5	KINSELLA DRILLING LTD.	2001-06-20	28.04	New Well	Domestic		6	7	COPPER CROWN HLDG LTD	15.85	68.19	15.24
499490	NW	2	33	1	5	KINSELLA DRILLING LTD.	2001-06-05	27.43	New Well	Domestic		6	3	COPPER CROWN HLDG LTD	5.79	68.19	15.24

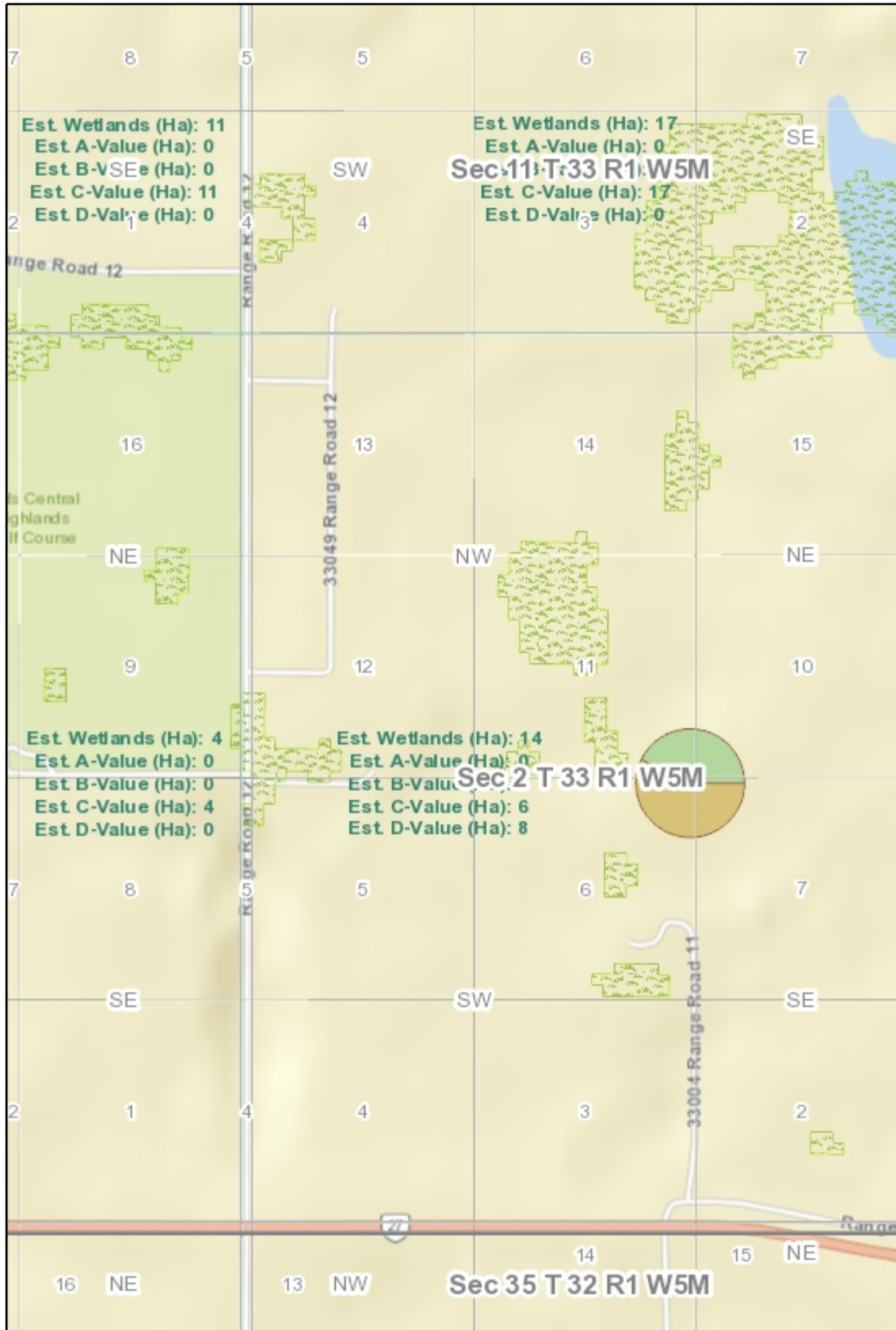


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GIC Well ID	LSD	SEC	TWP	RGE	M	DRILLING COMPANY	DATE COMPLETED	DEPTH (m)	TYPE OF WORK	USE	CHM	LT	PT	WELL OWNER	STATIC LEVEL (m)	TEST RATE (L/min)	SC_DIA (cm)
1060896	14	2	33	1	5	ALKEN BASIN DRILLING LTD.	2004-05-03	24.38	New Well	Industrial		9	4	LEDGE / ENSIGN 49	3.05	318.23	14.13
1060896	14	2	33	1	5	ALKEN BASIN DRILLING LTD.			Existing Well- Decommissioned	Other				LEDGE / ENSIGN 49			
1480048	4	11	33	1	5	M.E. LAWSON WATER WELLS	2008-05-13	18.29	New Well	Domestic		4	3	O'ROURKE DEVELOPMENT	5.79	68.19	14.12
1480049	4	11	33	1	5	M.E. LAWSON WATER WELLS	2008-05-27	21.34	New Well	Domestic		2	3	O'ROURKE DEVELOPMENT	5.18	68.19	14.12

Alberta Merged Wetland Inventory



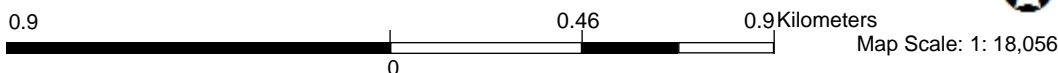
Legend

- ATS Section with Road Allowance Above Hydro
- ATS Quarter Section with Road AI Label Below Hydro
- ATS Legal SubDivision with Road Allowance Label Below Hydro
- ATS Township Index Outline 7
- ATS Section with Road Allowance
- ATS Quarter Section with Road AI Outline
- ATS Legal Subdivision with Road Allowance Outline
- ABWRET - Estimate of Relative W Value By Section Pie Chart - Visib Scale 27 084
- Estimated A-Value Hectares
- Estimated B-Value Hectares
- Estimated C-Value Hectares
- Estimated D-Value Hectares
- ABWRET - Estimate of Relative W Value By Section - Visible at Scale Alberta Merged Wetland Inventory
- Bog
- Fen
- Marsh
- Open Water
- Swamp

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Monday, November 15, 2021 15:33:29 -07:00



Layers

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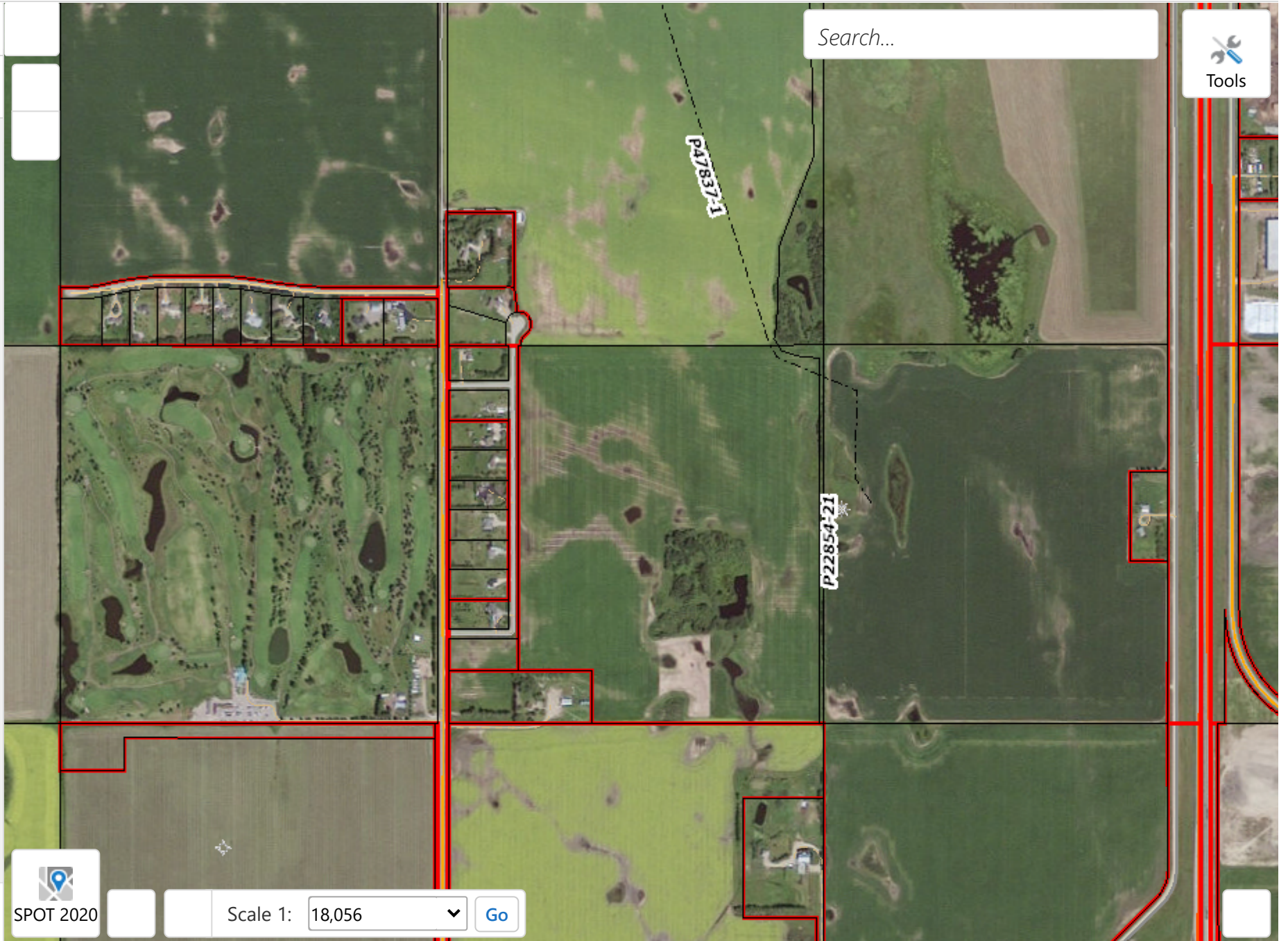
- ☐ Reference Grid
- ☐ Incidents
- ☒ Asset
 - ☒ Well Licences
 - ☒ Facility Licences
 - ☒ Compressor Station & Sweet Plant (COP)
 - ☒ Pipelines
 - ☒ Pipeline Installations (Points)
 - ☒ AER Disposition
 - ☐ AEP Disposition
 - ☐ AEP/AER DIDS Conflicts
 - ☐ DIDS Historical
- ☐ Application



Layers



Quick Search





Abandoned Well Map	Base Data provided by: Government of Alberta	
	Author Athena Environmental Consultants	Printing Date: 8/26/2021
Legend ✧ Abandoned Well (Large Scale) ○ Revised Well Location (Large Scale) — Revised Location Pointer ATS LSD label ATS LSD with Road Allowance ATS Section label (large scale) ATS Section with Road Allowance ATS Township (large scale) Provincial Boundary	Date Date (if applicable)	
	The Alberta Energy Regulator (AER) has not verified and makes no representation or warranty as to the accuracy, completeness, or reliability of any information or data in this document or that it will be suitable for any particular purpose or use. The AER is not responsible for any inaccuracies, errors or omissions in the information or data and is not liable for any direct or indirect losses arising out of any use of this information. For additional information about the limitations and restrictions applicable to this document, please refer to the AER Copyright & Disclaimer webpage: http://www.aer.ca/copyright-disclaimer .	Scale: 9,027.98 0.14 Kilometers 0
		Projection and Datum: WGS84 Web Mercator Auxiliary Sphere