

LITHIUM PILOT PLANT UPDATE AT PRAIRIE

95.6% LITHIUM RECOVERIES

99.9% REJECTION OF IMPURITIES

HIGHLIGHTS

- At the one-third point of the scheduled test duration, AZL has processed over 80,000 L (Liter) of brine and produced over 6,000 L of lithium concentrate concluding the tuning phase of testing.
- A remarkable steady-state of 95.6% Li (Lithium) extraction has been established at an average feed concentration of 118 mg/L, with no single-point exceedance below 94% recovery.
- Steady-state rejection of impurities has been established at 99.9%. Notably, sodium concentration has been reduced from 95,460 mg/L to 61 mg/L in the concentrate.
- The balance of testing, reaching into February, will focus exclusively on producing concentrate for downstream production of lithium chemicals and determining process capability indexes for Li recovery and rejection of impurities.
- Results are currently exceeding the most optimistic expectations. The purity of the DLE concentrate has considerable potential to reduce downstream processing and conversion costs.
- Preliminary Feasibility Study (PFS) is on track to be delivered by the end of the December 2023 and early indications show Prairie to be an economically robust project.

Arizona Lithium Limited (ASX: AZL, AZLOA, OTC: AZLAF) (“Arizona Lithium”, “AZL” or “the Company”), a company focused on the sustainable development of two large lithium development projects in North America, the Big Sandy Lithium Project (“Big Sandy”) and the Prairie Lithium Project (“Prairie”), is pleased to announce an operational update on its Pilot at the Prairie. At the one-third point of the scheduled test duration, the Pilot has processed over 80,000 L of brine and produced over 6,000 L of lithium concentrate at 1,328 mg/L lithium.

Following completion of a tuning period to exploit the advantages associated with the high-quality Prairie brine, a baseline steady-state lithium extraction rate of 95.6% was established with excellent stability. But perhaps the most noteworthy achievement to date with far-reaching impact to downstream operations is the rejection of impurities. The baseline steady-state rejection rate of impurities is 99.9%, with the most concentrated cation (sodium) being reduced from 95,640 mg/L in the feed to 61 mg/L in the concentrate. This result is nearly 3x lower than previous testing, which has potential to have a considerable impact on reducing downstream processing and conversion cost as well as improving product quality. The focus for the remainder of the test schedule, which will conclude in February, will focus on developing control limits and process capability indexes for lithium recovery and rejection of impurities, that will be used as the basis for design and economic evaluation for the commercial-scale facility scheduled for production in 2025. The lithium concentrate produced over the duration of the pilot, will be transported to AZL’s Lithium Research Centre in Tempe, Arizona, where it will be processed and converted to approximately 100 kg of lithium carbonate (or other lithium chemicals) using AZL’s new cross flow reverse osmosis (CFRO) and crystallization equipment scheduled for installation in Q1 2024.



Figure 1: Tote of Produced Lithium Concentrate From Pilot Plant

Arizona Lithium Managing Director, Paul Lloyd, commented: *“The pilot results continue to provide us with further confidence in the process and economics, which will be released in our upcoming PFS which will highlight the forecasted economics of production in 2025. This pilot is the final step prior to commercialization and the results of the pilot plant continue to exceed my expectations in terms of both the concentration of lithium and the impurity rejection. This is all good news as we look to sanction a commercial facility following the PFS”.*

About the Prairie Lithium Project

AZL’s Prairie Lithium Project is located in the Williston Basin of Saskatchewan, Canada. The Prairie Project resource is 5.7 MT of LCE, composed of 4.0 MT LCE Indicated and 1.7 MT LCE Inferred¹. Located in one of the world’s top mining friendly jurisdictions, the projects have easy access to key infrastructure including electricity, natural gas, fresh water, paved highways and railroads. The projects also aim to have strong environmental credentials which should result in less use of freshwater, land and waste, aligning with AZL’s sustainable approach to lithium development.

Arizona Lithium also holds a proprietary lithium extraction process technology that selectively removes lithium from Brine. The Prairie Lithium Ion Exchange (“**PLIX**”) is an ion-exchange material that selectively extracts lithium from brine, using equipment which is anticipated to be readily available at commercial scale. PLIX may have a global application, with the process currently being tested on lithium resources from around the world (including encouraging results with Big Sandy). While Prairie Lithium continues to develop, scale and operate its own DLE technology, the company is also testing other DLE technologies to ensure it deploys the most cost-effective technology onto its resource.

¹ PRAIRIE PROJECT RESOURCE UPGRADED 39% - ASX Announcement (August 17, 2023)

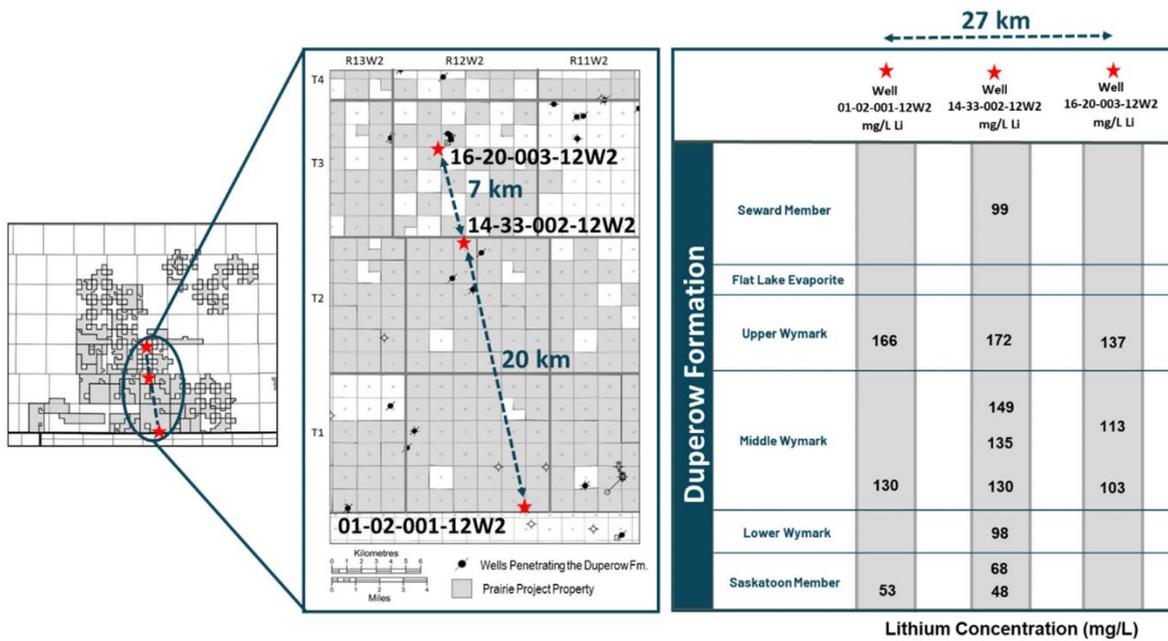


Figure 2: Location map and representative lithium concentrations from Arizona Lithium's test wells²

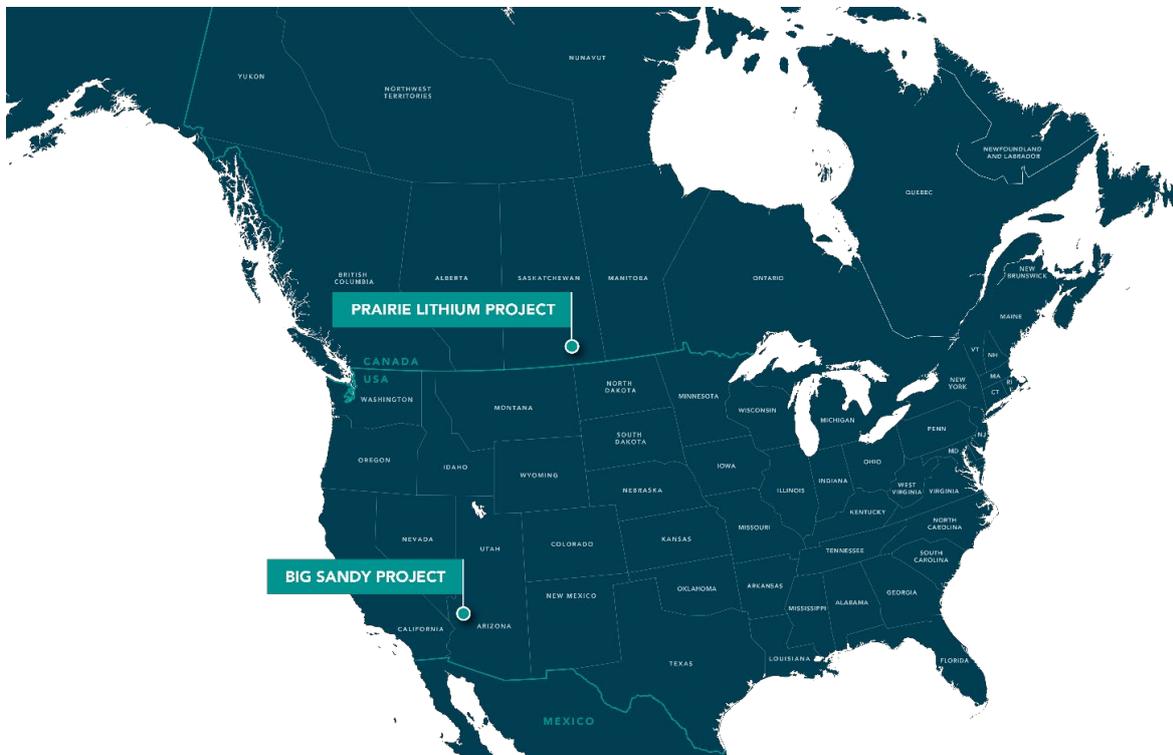


Figure 3: Location of Arizona Lithium's core projects

² Lithium Concentrations measured by Isobrine Solutions and confirmed by one other commercial laboratory in Edmonton, Alberta

This ASX announcement is authorised for release by the Board.

For further information please contact:

Mr. Paul Lloyd
Managing Director
Tel. +61 419 945 395
paul@arizonalithium.com

Competent Persons statement for Prairie and Registered Overseas Professional Organisation (ROPO) and JORC Tables

Gordon MacMillan P.Geol., Principal Hydrogeologist of Fluid Domains, who is an independent consulting geologist of a number of brine mineral exploration companies and oil and gas development companies, reviewed and approves the technical information pertaining to the resource provided in the release and JORC Code – Table 1 attached to this release. Mr. MacMillan is a member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA), which is ROPO accepted for the purpose of reporting in accordance with the ASX listing rules. Mr. MacMillan has been practising as a professional in hydrogeology since 2000 and has 23 years of experience in mining, water supply, water injection, and the construction and calibration of numerical models of subsurface flow and solute migration. Mr. MacMillan is also a Qualified Person as defined by NI 43-101 rules for mineral deposit disclosure.

Kyle Gramly PE, Sr. Process Engineer for Samuel Engineering, reviewed and approves the technical information pertaining to DLE test work and processing provided in the release and JORC Code – Table 1 attached to this release. He is a registered Professional Engineer (Chemical) with the Colorado Department of Regulatory Agencies (No. 0058009) since 2020 and has worked in the engineering field on a variety of mining projects for 15 years since graduating from Colorado School of Mines. Mr. Gramly is a Qualified Person as defined by 17 CFR § 229.1302 - (Item 1302) and has been involved in several pilot test programs and engineering design studies regarding the commodity discussed in this release.

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Arizona Lithium's Prairie Project (the Project) is approximately 200 km southeast of the city of Regina between the towns of Estevan and Weyburn. The center of the property has a latitude 49.21363°N and a longitude 103.63518°W. The southern limit of the property is on the border with the states of North Dakota and Montana, United States. The subsurface permits of the property itself encompass parts of Townships 1 to 7 and Ranges 7 to 16 West of the 2nd Meridian.

| Criteria | JORC Code explanation | Commentary |
|----------------------------|--|--|
| Sampling techniques | <p><i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i></p> | <p>Historical well data from oil and gas exploration and newly collected data from wells drilled or recompleted specifically to test lithium concentrations and brine productivity were used to evaluate the lithium Mineral Resource.</p> <p>In 2021 and 2022, six wells have been drilled and/or recompleted in the Duperow Formation in the Project area:</p> <p>Wells drilled and/or recompleted by Arizona Lithium:</p> <ul style="list-style-type: none"> • 101/14-33-002-12W2 (Year 2021) • 104/01-02-001-12W2 (Year 2021) • 141/16-20-003-12W2 (Year 2022) <p>Wells drilled and/or recompleted by Hub City Lithium in partnership with ROK Resources:</p> <ul style="list-style-type: none"> • 111/11-02-009-13W2 (Year 2022) • 101/14-36-008-13W2 (Year 2022) • 101/02-22-007-09W2 (Year 2022) <p>Brine collection procedures for the wells tested since 2021 are outlined here as follows.</p> <ul style="list-style-type: none"> • After the wells were drilled, they were cased and perforated over the zones of interest. Prior to perforating the zones of interest, a Cement Bond Log was run and analyzed to ensure zonal isolation behind the casing. • During well testing, formation water was brought to surface using an electrical submersible pump (ESP) and by swabbing small volumes of fluid. During swabbing operations, packers were placed between each individual swabbed zone. The packers were pressure tested to ensure zonal isolation during the swabbing operations. |

| Criteria | JORC Code explanation | Commentary |
|----------|-----------------------|---|
| | | <ul style="list-style-type: none"> Further measures taken to ensure sample representativity are discussed in 'Drill Sample Recovery'. <p>Legacy field sampling for lithium occurred between 1996 and 2019 as part of a basin wide characterization and mapping program. Seventeen samples considered representative of the Duperow Formation were analyzed for lithium within, and immediately adjacent to, the Project. The samples were taken from Drill stem tests (DSTs), swab samples and directly from well-heads of producing Duperow Formation oil wells as part of brine sampling programs by the Saskatchewan Geological Survey and University of Alberta.</p> <p>Multiple steps were taken to acquire representative brine samples. Procedures are outlined below, with excerpts taken from the Rostron et al. (2002) and Jensen (2015) publications.</p> <ul style="list-style-type: none"> Drill stem test samples were voluntarily collected by operators and placed into sample kits for analysis. Sample kits consisted of three empty 250 ml bottles in a re-sealable plastic bag. Operators were asked to fill two containers with representative samples from the formation fluid and the third container was filled with drilling fluid. Bottles were labelled "A", "B" and "Drilling Fluid". All three samples were shipped to the Saskatchewan Industry and Resources Subsurface Core laboratory where the contents of bottle "A" were acidified with 2 ml of concentrated, double-distilled, 2.8 Normality nitric (HNO₃) acid to prevent precipitation of ions in solution. Safety and shipping regulations did not permit acidification of sample "A" at the well site, but testing demonstrated that later acidification still provided excellent quality data. Producing wells with a water cut of >50% were also targeted for testing at strategic locations as part of yearly sampling campaigns. Wellhead samples were collected at the producing wells following a modified procedure after Lico et al. (1982). Any production chemicals |

| Criteria | JORC Code explanation | Commentary |
|-------------------------------------|---|--|
| | | <p>used on the producing well were halted prior to sample collection. Oil-water emulsions were sampled into 8 litre or 12 litre pre-cleaned plastic jugs directly from the wellhead and allowed gravity to separate inside the container. Control samples were taken to determine if production chemicals affected the hydrochemical signature of the produced waters. The water fraction was pre-filtered through glass wool, followed by a 0.45-micron polyether sulfone filter to remove any colloids or organics that may have been present. Samples were aliquoted for field tests and laboratory analysis and split for anion and cation analysis. Anion samples were collected in tight-sealing containers and left untreated. Samples for cation determination were acidified to a pH<1 with triple distilled 2.8 Normality HNO₃ acid and then tightly sealed for shipment and analysis. Sample containers were sealed with tamper-proof tape at the wellsite.</p> |
| <p>Drilling techniques</p> | <p><i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i></p> | <p>Brine samples were collected from historical producing Duperow Formation wells along with six wells drilled and/or recompleted in the Project area since 2021.</p> <p>Wells drilled specifically to test the Duperow Formation in this area use reverse circulation drilling, are drilled with brine mud and are drilled with a bit size of 222 mm which is standard for the specific types of wells.</p> <p>The shallowest sample used in the lithium Mineral Estimate was collected northeast of the Property at a depth of 1,700 mKB (121/10-03-008-05W2). The deepest sample was collected southeast of the Property from a depth of 3,087 mKB (API# 33-105-01468-00-00)</p> |
| <p>Drill sample recovery</p> | <p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>Whether a relationship exists between sample recovery and grade and whether</i></p> | <p>Brine collection procedures for Arizona Lithium's tests wells (101/14-33-002-12W2, 104/01-02-001-12W2, 141/16-20-003-12W2) are outlined here.</p> <ul style="list-style-type: none"> • The procedures were designed and undertaken to obtain the highest quality samples of original formation fluids. • Prior to sampling operations, all lines |

| Criteria | JORC Code explanation | Commentary |
|----------|--|--|
| | <p><i>sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p> | <p>and tanks were cleaned to remove any possible residual brine or hydrocarbon contamination. Samples were collected directly at the wellhead, or from sampling ports attached to flow lines as close to the wellhead as possible. Prior to sampling the test intervals, representative samples of all drilling and completion fluids were taken and analysed.</p> <ul style="list-style-type: none"> • Field determination of density, resistivity, and pH of the initial samples from the well were used to determine when the well was producing representative samples. • Once it was determined that the well was producing formation water, samples were collected for lithium analysis in the laboratory. At the sample point, the well was opened to a waste receptacle for five to ten seconds to remove any debris build-up in the sample lines, then the sample was collected into 1 L, 2 L, or 4 L clean plastic screw-top jugs. Field containers were immediately labelled with date, time, sample interval and then the container was transferred to the onsite laboratory for preliminary analysis. After a visual inspection for trace hydrocarbons and debris, samples with obvious debris were pre-filtered through glass wool. The sample was then filtered through a standard 0.45-micron filter to remove any particulates or oil. • Once sufficient volume was filtered for analysis, samples were split into two to four containers (typically 1 L each), labelled with particulars (date, time, interval, an 'anonymous' sample ID for each laboratory), and sealed with secure tape on the caps. Each bottle was sealed with a tamper proof seal to ensure integrity. Samples were couriered to the various laboratories using full chain-of-custody documentation. <p>Similar sample collection procedures used</p> |

| Criteria | JORC Code explanation | Commentary |
|----------------|--|--|
| | | for Hub City Lithium’s test wells (111/11-02-009-13W2, 101/14-36-008-13W2, 101/02-22-007-09W2) are documented in their NI 43-101 Technical Report (April, 2023). |
| Logging | <p><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p> | <p>Open-hole wireline logs provide the most widely available information to determine the porosity and water volume used in the Mineral Resource estimate.</p> <p>A petrophysical evaluation from open-hole wireline logs was completed by Arizona Lithium on 279 wells covering the Duperow Formation across the Project area to determine the average porosity over the net pay interval.</p> <p>Open-hole wireline logs typically include a gamma-ray, compensated neutron, litho-density, sonic, spontaneous potential, and resistivity standard suite. These tools are used to measure different rock and fluid properties.</p> <ul style="list-style-type: none"> • Gamma-ray – the determination of lithology and facies based on natural radioactivity of the formation. • Neutron logging tool - emits gamma-rays which detect hydrogen content of a formation and convert this to a porosity calculated curve. • Density logging tools - emits gamma-rays to measure electron density to calculate porosity and photoelectric factor (PEF) to determine lithology. Combined with the neutron log, the density log can be used to identify fluid types, lithology and porosity. • PEF logs - determines lithology from characteristic photoelectric absorption of the rock matrix. • Sonic logging tool - measurement of formation acoustic properties (e.g., velocity), used for lithology and porosity determination. • Resistivity logging tool - measurement of formation conductivity (reciprocal is formation resistivity) at different depths of investigation into the formation and generates shallow, medium, and deep resistivity curves that are used to estimate fluid types and |

| Criteria | JORC Code explanation | Commentary |
|--|--|---|
| | | <p>quantities. Different resistivity logging tools are run depending on drilling mud chemistry (freshwater mud requires induction logging tools whereas saline mud requires laterologs)</p> |
| <p>Sub-sampling techniques and sample preparation</p> | <ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> | <p>Lithium samples are collected in the form of water samples not core. Procedures taken to ensure representative brine samples were collected are discussed in 'Drill Sample Recovery'.</p> <p>To ensure precise and accurate measurements of lithium concentration, multiple laboratories were used for analyses for Arizona Lithium's test wells (101/14-33-002-12W2, 104/01-02-001-12W2, 141/16-20-003-12W2).</p> <ul style="list-style-type: none"> • Each laboratory selected for use was required to pass a qualification test prior to their inclusion in the Project. The qualification test consisted of analyzing a set of three samples for lithium concentration on an artificially prepared saline brine solution, created by Salman Safarimohsenabad (University of Alberta/Recion Technologies Inc.). The original stock solution contained 116 mg/L lithium and was diluted 1:1 and 1:2 to create the sample set. Each laboratory was evaluated for accuracy (i.e., how close to 116 mg/L) and precision (i.e., how close the three samples were to each other), prior to selection. This prepared sample was repeatedly run as part of major sample batches for Quality Assurance Quality Control (QAQC). • As described in 'Drill Sample Recovery' samples were determined to be representative of formation water once a sufficient volume of water was removed from the sampling interval and field parameters were found to be stable. This was typically achieved after removing two to three times the volume of water in the tubing. |

| Criteria | JORC Code explanation | Commentary |
|---|---|--|
| | | <ul style="list-style-type: none"> For each zone tested, up to 4 L of filtered fluid was collected for laboratory analysis. Each laboratory was sent approximately 1 L. Each laboratory analysis takes less than 1 mL, so each lab had sufficient sample volume to run repeats, etc. <p>Similar sample measurement procedures used for Hub City Lithium's test wells (111/11-02-009-13W2, 101/14-36-008-13W2, 101/02-22-007-09W2) are documented in their NI 43-101 Technical Report (April, 2023).</p> <p>Sample measurement procedures for legacy field sampling for lithium that occurred between 1996 and 2019 include:</p> <ul style="list-style-type: none"> Samples were analyzed for many dissolved chemical species and various isotopes. Several different laboratories were used, depending on the constituent being analyzed. Overall, the analytical techniques used in these studies produced high quality saline brine analyses, with routinely charge balance errors of less than 5%. |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"> <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> | <p>Up to four laboratories of different affiliations (e.g., large commercial, small commercial, internal, and academic) were utilised for analyses for Arizona Lithium's test wells. Hub City Lithium used Isobrine Solutions to analyze the lithium samples from their wells. The laboratories include:</p> <p>Arizona Lithium laboratory (Emerald Park, Saskatchewan) - Arizona Lithium's internal laboratory provided initial rapid (<12 hour) analysis of lithium and sodium concentrations of sampled brines. Results from this laboratory were used for selecting samples for further/confirmation analyses at the other two laboratories. Due to the lack of independent status, concentrations determined by this laboratory were not used in the final lithium concentration mapping but were used qualitatively and for additional confirmation of the results from the other laboratories.</p> <p>Isobrine Solutions, a small commercial laboratory in Edmonton, Alberta and was affiliated with Arizona Lithium, was selected to provide rapid (one-to-two-day turnaround) lithium analyses and comprehensive</p> |

| Criteria | JORC Code explanation | Commentary |
|---|---|--|
| | | <p>analyses of selected brine samples. Isobrine Solutions specializes in analysing saline brines, including determining lithium, bromine, and stable isotopes along with other major and trace elements. Results from Isobrine Solutions were used for lithium concentration mapping, but only after they were confirmed by the other two participating laboratories, thereby mitigating the question of independence from Arizona Lithium. Isobrine Solutions uses an ICP-OES to analyze for lithium and sodium (among other elements), but in addition uses an Ion Chromatograph (IC) to measure chloride (and other elements). The independently determined sodium and chloride are used to calculate a Charge Balance Error, which is a quality control check on the lithium analysis.</p> <p>Element Materials Technology (Element) is a large commercial laboratory in Edmonton, Alberta. Element was used for lithium and alkalinity analysis of selected samples as they have been used for over 20 years as part of the University of Alberta/Isobrine/Saskatchewan Geological Survey sampling programs, and consequently brings continuity of the laboratory analysis. Element Materials Technology is accredited by A2LA to ISO/IEC 17025:2017. All the lithium analyses conducted by Element were done on an ICP-MS.</p> <p>AGAT Laboratories (AGAT) is a large commercial laboratory in Edmonton Alberta and was used to confirm lithium analysis of selected samples of the other three laboratories. They are considered the most 'arm's length' to the Project. AGAT is accredited by CALA to ISO/IEC 17025:2017. AGAT conducted analyses for lithium using both ICP/MS, and ICP/OES, and after extensive testing it was determined that their ICP/OES using a constant 100 x dilution of samples provided accurate and precise results.</p> |
| <p>Verification of sampling and assaying</p> | <ul style="list-style-type: none"> • <i>The verification of significant intersections by either independent or alternative company personnel.</i> • <i>The use of twinned holes.</i> • <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> • <i>Discuss any adjustment to assay data.</i> | <p>The Mineral Resource assessment was based on two types of lithium data: historical data collected from oil and gas infrastructure in the Project; and reservoir testing completed by Arizona Lithium and Hub City Lithium in 2021 and 2022.</p> <p>Arizona Lithium undertook a review of the historical sampling data to determine which samples were representative of formation water and which samples should be</p> |

| Criteria | JORC Code explanation | Commentary |
|---------------------------------------|--|---|
| | | <p>excluded due to QAQC concerns. The QP verified the lithium concentration data by reviewing Arizona Lithium's QAQC program, confirming the reported well names and concentrations in the referenced data sources, reviewing the reasonableness of the dataset based on regional water quality, and reviewing the dataset for consistency within the Project.</p> <p>A total of 72 samples were sent for analysis of lithium concentration during testing of the 101/14-33-002-12W2 and 104/01-02-001-12W2 wells. All 72 samples were analyzed by Arizona Lithium and Isobrine Solutions. A subset of 29 of those 72 samples were sent to Element and of those 29 samples, 26 were sent for analysis to AGAT. Samples sent to three/four laboratories were the last two samples collected in a time series from each of the 14 zones investigated in the sampling program (three combined flow tests, eight zones in 101/14-33-002-12W2M, and three zones in 104/01-02-001-12W2).</p> <p>A total of 75 samples were sent for analysis of lithium concentration during testing of the 141/16-20-003-12W2 well. 32 samples were analysed by Isobrine Solutions, 21 samples were analysed by Element and 22 samples were analysed by Arizona Lithium.</p> <p>In a typical hydrochemical sampling program, the QAQC measures would include 5% to 10% blind duplicate samples to test the precision of the analyses. A total of 32 samples were analysed at Isobrine Solutions and independently analysed by at least one other laboratory (Element, or Arizona Lithium). This far exceeds the 5% to 10% duplicate sample standard.</p> <p>As part of the QAQC process, the prepared laboratory standard (S. Safarimohsenabad, Recion Technologies Inc.) was included in batches to ensure continued accuracy of the laboratory analysis. Any time the laboratory obtained a lithium value outside the 110 mg/L to 120 mg/L range, repeat analyses of the entire sample batches were conducted.</p> <p>Hub City Lithium has tested over 50 water samples from three wells since 2021 (NI 43-101 Technical Report, April,2023)</p> |
| <p>Location of data points</p> | <ul style="list-style-type: none"> • <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> | <p>For Arizona Lithium's test wells (101/14-33-002-12W2 and 141/16-20-003-12W2), detailed site surveys were completed by Caltech Surveys. The surveys were carried</p> |

| Criteria | JORC Code explanation | Commentary |
|---|--|---|
| | <ul style="list-style-type: none"> • <i>Specification of the grid system used.</i> • <i>Quality and adequacy of topographic control.</i> | <p>out in accordance with Article XIII, Standards of Practice, Section 6 of the bylaws of the Saskatchewan Land Surveyors Association. These high-quality site surveys are routine for oil and gas wells drilled in Saskatchewan.</p> <p>The geographical land grid format survey is in NAD 83 and UTM Zone 13N.</p> |
| <p>Data spacing and distribution</p> | <ul style="list-style-type: none"> • <i>Data spacing for reporting of Exploration Results.</i> • <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i> • <i>Whether sample compositing has been applied.</i> | <p>Lithium concentration samples from Duperow Formation brines have been collected all around Arizona Lithium's Property.</p> <p>The range in spacing between wells with lithium concentration measurements varies from 610 m between the most closely spaced wells to over 68,000 m between the most widely spaced wells.</p> <p>The Duperow Aquifer is judged to be hydraulically continuous within, and far beyond, the Arizona Lithium resource area. The DST-measured lithium concentrations in the Duperow Formation suggest that lithium concentrations are continuous across the Project. This is based on regional hydrochemical mapping conducted over 25 years demonstrating systematic patterns of water chemistry across the project area. The Saskatchewan Phanerozoic Fluids and Petroleum Systems Project (Jensen et al., 2015) was based on hundreds of water samples collected and submitted to the Government of Saskatchewan. The reason there are not an equivalent number of lithium analyses, is simply because the operators were not required to analyse for lithium.</p> <p>Arizona Lithium's sampling program supports the interpretation of regionally consistent lithium values. Furthermore, sampling program results suggest some of the variability between previously reported lithium concentrations in the Duperow Formation may be due to the differing geologic units that were sampled.</p> |
| <p>Orientation of data in relation to geological structure</p> | <ul style="list-style-type: none"> • <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> • <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i> | <p>Duperow Formation brines have been sampled from vertical wells that have been drilled perpendicular to the Duperow Formation stratigraphy. There is no relationship between the drilling orientation and the formation water quality, so no sampling bias related to sampling orientation is present.</p> |

| Criteria | JORC Code explanation | Commentary |
|---------------------------------|--|---|
| <p>Sample security</p> | <ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> | <p>Sample security procedures for Arizona Lithium’s test wells (101/14-33-002-12W2, 104/01-02-001-12W2, 141/16-20-003-12W2):</p> <ul style="list-style-type: none"> • Samples were collected directly from the wellhead into 1, 2, or 4L containers (as described above). Samples taken in the field were placed in bottles and were labelled according to the date of sample collection, name of the sampler, location of the sampling and number of the sample. • After field processing (measurement, filtration, splitting) samples were labelled with anonymous tracking numbers, sealed, security taped (tamper proof seals) and shipped to the laboratories. • The samples were later double checked and sent to the third party laboratories by Purolator shipping services whilst conforming to the required transport protocols. The corresponding Chain of Custody was either sent with the samples or was sent to the third party by email. The third party always confirmed the receipt of the samples by sending the chain of custody including the analyses requests, sample descriptions, client identities (IDs), third party IDs and client notes. <p>Similar sample security procedures used for Hub City Lithium’s test wells (111/11-02-009-13W2, 101/14-36-008-13W2, 101/02-22-007-09W2) are documented in their NI 43-101 Technical Report (April,2023).</p> <p>Sample security procedures for legacy field sampling for lithium that occurred between 1996 and 2019:</p> <ul style="list-style-type: none"> • Samples were transported to the University of Alberta where they were relabeled, transferred, and split into “anonymous” sample containers. This was conducted to maintain confidentiality of the operator, date, well name, location, interval, and fluid recovery. The samples were then sent to various laboratories for analysis. |
| <p>Audits or reviews</p> | <ul style="list-style-type: none"> <i>The results of any audits or reviews of sampling techniques and data.</i> | <p>Arizona Lithium’s QP was involved throughout the testing program including participating in the development of the testing program, planning the QAQC for the water sampling, and witnessing the testing at the 101/14-33-002-12W2 well from October 19 to October 22, 2021. During the</p> |

| Criteria | JORC Code explanation | Commentary |
|----------|-----------------------|---|
| | | <p>time that the QP was at the 101/14-33-002-12W2 well, four different intervals of the Duperow Formation were developed until representative samples could be collected for laboratory analysis. The QP witnessed the sample preparation, analysis and security measures of the reservoir testing and can verify that the procedures were consistent with the description provided.</p> <p>Arizona Lithium's QP was not on site during the collection of the water samples from the 141/16-20-003-12W2 well but was on site for a previous sampling program completed in 2021. The QP witnessed the sample preparation, analysis and security measures of the reservoir testing completed in 2021 and can verify that the procedures were consistent with the description provided.</p> <p>The Author of Hub City Lithium's NI 43-101 Technical Report (April, 2023) has completed a detailed review of all technical data and information provided in the report. Key aspects include verification of sample analysis, well-completion and production information, mineral ownership, and geologic data. The verification process involved reviewing all third party reports and where possible, independently confirming data supplied by Hub City Lithium as valid. Interviews with testing companies, field staff and Hub City Lithium's employees were conducted as part of the review process.</p> |

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|--|--|---|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. | <p>Arizona Lithium rents and leases subsurface mineral permits in Saskatchewan close to the United States border. The crown subsurface minerals are rented or leased from the Saskatchewan Provincial Government and cover 354,920 acres.</p> <p>Petroleum and Natural Gas (PNG) permits also exist across Arizona Lithium's Property and are leased to oil and gas producers.</p> <p>All crown permits and stratigraphic intervals are held 100% by Arizona Lithium or sub-leased from a geothermal company Deep Earth Energy Production Corp. (DEEP). Arizona Lithium entered into a binding legal Subsurface Mineral Permit Acquisition Agreement (SMPAA) with DEEP on October 20, 2021. The SMPAA covers an Area of Mutual Interest (AMI) over Townships 1 to 4</p> |

| Criteria | JORC Code explanation | Commentary |
|----------|-----------------------|---|
| | | <p>and Ranges 7 to 16 West of the 2nd Meridian. Any pre-existing or recently purchased subsurface mineral permits within the AMI now possess a stratified stratigraphic arrangement. Arizona Lithium holds 100% working interest in mineral rights from Top Madison Group to Top Red River Formation and DEEP holds 100% working interest in mineral rights from Top Red River Formation to Precambrian. No back-in rights, payments, or other agreements and encumbrances are applicable.</p> <p>The subsurface mineral permits are rented from the Saskatchewan Provincial Government, and the Subsurface Mineral Leases are leased. There has been no prior ownership of the subsurface mineral permits across the Project for lithium.</p> <p>Two mineral permit were awarded on December 17, 2019, which will expire in December 2027; three permits were acquired on April 20, 2020, which expire in April 2028; a total of 34 permits were acquired on April 19, 2021, which expire in April 2029; and a total of 16 permits were acquired on August 23, 2021, which expire in August 2029. On September 8th, 2022, two permits were converted into 21 year mineral leases and expire on April 11th, 2043. An additional 18 permits have been sub-leased from DEEP.</p> <p>The provincial royalty rate on mineral leases for lithium is currently set at 3%, with a royalty free period for the first 24 months of production.</p> <p>Within the project area, Arizona Lithium leases varied % interest in mineral rights from Canpar Holdings Ltd. and Freehold Royalties Ltd. for a total of 26,445 net acres from Canpar Holdings Ltd. and 12,968 net acres from Freehold Royalties Ltd.</p> <p>The lease out date for these leases is November 15, 2023.</p> <p>The Ministry of Energy and Resources (MER) has indicated to Arizona Lithium that the process to license wells for injection, water source, disposal, or production of lithium will follow that of the oil and gas industry.</p> <p>Arizona Lithium is not aware at the date of this report of any known environmental issues that could materially impact their ability to extract lithium from the Project.</p> |

| Criteria | JORC Code explanation | Commentary |
|----------|-----------------------|--|
| | | Appendix 1: Summary of Arizona Lithium's subsurface mineral permits and leases. |

| | | |
|---|--|--|
| <p>Exploration done by other parties</p> | <ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> | <p>There has been abundant drilling for oil and gas in southeastern Saskatchewan. This oil and gas exploration work has produced the high-quality geologic data (wireline logs, core, and reservoir testing) that was used in Arizona Lithium’s report.</p> <p>Other parties including government and academic research teams have also leveraged oil and gas wells to evaluate brine chemistry. Academic research (lampen and Rostron, 2000; lampen, 2001; Shouakar-Stash, 2008) and the Saskatchewan Geological Survey / University of Alberta (Rostron et al., 2002; Jensen 2011, 2012, 2015, 2016; Jensen and Rostron, 2017, 2018; Jensen et al., 2019) have published several technical reports characterizing the lithium potential of various stratigraphic intervals in southern and central Saskatchewan.</p> <p>Brine-rich formation water from oil and gas producing intervals have been tested for lithium and other elements by these researchers from University of Alberta and the Saskatchewan Geological Survey.</p> <p>Historical brine samples from 15 wells in and adjacent to Arizona Lithium’s Project have been analyzed for lithium concentrations and are interpreted to be representative of the Duperow Formation brine (lampen and Rostron, 2000; lampen, 2001; Shouakar-Stash, 2008) and the Saskatchewan Geological Survey / University of Alberta (Rostron et al., 2002; Jensen 2011, 2012, 2015, 2016; Jensen and Rostron, 2017, 2018; Jensen et al., 2019). Two of the wells (121/09- 13-002-22W2 and 141/14-12-007-11W2) were sampled twice, resulting in a total of 17 representative lithium concentrations.</p> <p>A total of 13 of the lithium samples were published in the referenced reports. Four samples (101/07-27-007-06W2/03, 121/09-03-007-11W2, 141/13-02-007-11W2, and 141/01-22-004-19W2/00) were sourced from an unpublished database. These additional data points were collected and analyzed by researchers at the University of Alberta between 1996 and 2004 and obtained under agreement from Isobrine Solutions, a University of Alberta spin-off company. Isobrine Solutions holds a Permit to Practice from APEGA, along with a Certificate of Authorization from APEGS to practice in Saskatchewan. The data was provided to Arizona Lithium for their lithium exploration project in good faith.</p> |
|---|--|--|

| Criteria | JORC Code explanation | Commentary |
|-----------------------|--|--|
| | | <p>Based on the results of more recent drilling and testing since 2021 (below), Arizona Lithium believes there is a high degree of spatial correlation of lithium concentrations within individual Duperow Formation units and that the variation of lithium concentration between historical sampling programs may be due to the units sampled in the historical tests.</p> <p>Wells drilled and tested by Arizona Lithium:</p> <ul style="list-style-type: none"> • 101/14-33-002-12W2 (Year 2021) • 104/01-02-001-12W2 (Year 2021) • 141/16-20-003-12W2 (Year 2022) <p>Wells drilled and tested by Hub City Lithium in partnership with ROK Resources:</p> <ul style="list-style-type: none"> • 111/11-02-009-13W2 (Year 2022) • 101/14-36-008-13W2 (Year 2022) • 101/02-22-007-09W2 (Year 2022) |
| <p>Geology</p> | <ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> | <p>The target interval of this Project is porous carbonate rocks of the Upper Devonian (Frasnian) Duperow Formation, Saskatchewan Group (Gerhard et al., 1982; Kent and Christopher, 1994). Upper Devonian sediments were laid down in a northwest to southeast elongated Elk Point Basin that extended broadly from northwestern Alberta, through Saskatchewan, and across into North Dakota and Montana (Dunn, 1975).</p> <p>The Duperow Formation correlates westward with the Leduc Formation, a prominent series of reefs in the open-marine Alberta Basin. Middle and Late Devonian sedimentation was characterized by cyclic carbonates and evaporites. Cyclic ordering of strata from shelf carbonates to restricted supratidal carbonates and evaporites, are identified as shallowing-upward or "brining-upward" parasequences and these cyclic intervals are recognized throughout the entire Devonian stratigraphic column in the Elk Point Basin of southern Saskatchewan (Kent and Christopher, 1994). The Duperow Formation was deposited as a shallow-marine, carbonate inner platform to supratidal sabkha or tidal flat (Cen and Salad Hersi, 2006).</p> <p>The deposit type being explored by Arizona Lithium is a lithium-bearing brine hosted by the Duperow Formation. Other lithium-rich brine deposits within oilfields include the brines within the Smackover Formation of the Gulf Coast and the Leduc Formation in</p> |

| Criteria | JORC Code explanation | Commentary |
|--------------------------------------|--|---|
| | | <p>Alberta (Kesler et al., 2012; Bowell et al., 2020).</p> <p>Lithium brines are defined as accumulations of saline groundwater enriched in dissolved lithium (Bradley, et al., 2017) within arid climates. Lithium brines are located within closed sedimentary basins with a close association with evaporite deposits from trapped evaporatively concentrated seawater (Bradley et al., 2013). Lithium brines are hosted within one or more aquifers which have had sufficient time to concentrate a brine (Bradley et al., 2017).</p> <p>Historical and newly acquired brine analysis data indicates that the Property is located within an area of extremely elevated TDS brine above 300,000 mg/L and with lithium concentrations of up to 258 mg/L within the Duperow Formation. Newly acquired geochemical data has allowed Arizona Lithium to characterize lithium content of the Duperow Formation within much of the Property. Lithium results from wells located across the Property and beyond indicate that lithium concentrations are elevated and laterally continuous across the Property.</p> <p>The northern limit of elevated lithium concentrations in the Duperow Formation occurs beyond the northern limits of the Property. Elevated lithium trends extend through the Property and south into North Dakota. Lithium values indicate low lithium concentrations from R18W2 and beyond to the west.</p> |
| <p>Drill hole Information</p> | <ul style="list-style-type: none"> • <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> ○ <i>easting and northing of the drill hole collar</i> ○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> ○ <i>dip and azimuth of the hole</i> ○ <i>down hole length and interception depth</i> ○ <i>hole length.</i> • <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i> | <p>See Appendix 2: Summary Table of Drill Holes</p> <ul style="list-style-type: none"> • 279 wells with wireline logs to determine the average porosity over the net pay interval. • 19 wells with brine samples analysed for lithium concentration. |

| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| Data aggregation methods | <ul style="list-style-type: none"> <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i> <i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> | <p>Based on the geologic setting, the Duperow Aquifer is judged to be hydraulically continuous within, and far beyond, the Arizona Lithium resource area. The DST-measured lithium concentrations in the Duperow Formation suggest that lithium concentrations are continuous across the Project.</p> <p>Arizona Lithium's and Hub City Lithium's sampling programs (2021-2022) support the interpretation of regionally consistent lithium values and suggests that some of the measured variability between previously reported lithium concentrations in the Duperow Formation may be due to the differing geologic units that were sampled.</p> |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> <i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i> | <p>Geophysical wireline logs from wells drilled through the Duperow Formation were used to identify the top and base of the formation. A total of 570 wells were used to determine the top of the Duperow Formation and 548 wells were used to determine the base of the Duperow Formation.</p> <p>279 wells with wireline logs to determine the average porosity over the net pay interval and 19 wells with brine samples were analysed for lithium concentration.</p> <p>The majority of the wells are vertical and drilled perpendicular to the Duperow Formation stratigraphy and therefore perpendicular to the mineralization.</p> |
| Diagrams | <ul style="list-style-type: none"> <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i> | <p>Appropriate maps and cross sections include:</p> <ul style="list-style-type: none"> Figure 1: Location map of Arizona Lithium's Prairie Project Property illustrating major infrastructure (primary roads, rail, highline power transmission lines) Figure 2: Location map of Arizona Lithium's Prairie Project Property including secondary roads Figure 3: Wells with Lithium Concentration Data surrounding Arizona Lithium's Prairie Project Figure 4: Wells drilled through the Duperow Formation with Petrophysical Evaluations completed for the Resource Assessment (279 wells) Figure 5: Stratigraphy of the Duperow Formation used in the Resource Assessment |

| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| | | <ul style="list-style-type: none"> • Figure 6: Cross section of wells in Saskatchewan with lithium concentrations within and adjacent to Arizona Lithium's Property • Figure 7: West to East Cross Section Across the Property • Figure 8: North to South Cross Section Across the Property |
| Balanced reporting | <ul style="list-style-type: none"> • <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i> | <p>Table 1: Representative lithium concentrations within the Indicated Resource area based on the mass volume and brine volume estimates.</p> |
| Other substantive exploration data | <ul style="list-style-type: none"> • <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i> | <ul style="list-style-type: none"> • The concentrate produced from CFRO was converted to 99%+ lithium carbonate at AZL's Lithium Research Center in Tempe, Arizona and validated by a 3rd party laboratory, Covalent Metrology in Sunnyvale, California. • DLE pilot plant test work taking place from November 2023 to February 2024 took place in Emerald Park, SK, Canada. The lithium recovery and extraction calculations were based on grab samples collected every 4 hours. Samples were analyzed by three different laboratories using ICP, NMR, and flame spectroscopy instrumentation. |
| Further work | <ul style="list-style-type: none"> • <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> | <ul style="list-style-type: none"> • Further well drilling is planned to test pumping and injection rates. The additional wells should further demonstrate resource grade and productivity. |

Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|---------------------------|--|--|
| Database integrity | <ul style="list-style-type: none"> • <i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection</i> | Each sample is tracked using a unique tracking number, thus all laboratory and reporting procedures are tied back to that tracking number. Each laboratory has |

| Criteria | JORC Code explanation | Commentary |
|----------------------------------|--|---|
| Site visits | <p><i>and its use for Mineral Resource estimation purposes.</i></p> <ul style="list-style-type: none"> <i>Data validation procedures used.</i> <ul style="list-style-type: none"> <i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i> <i>If no site visits have been undertaken indicate why this is the case.</i> | <p>internal procedures to ensure data integrity. However, we have a final check on transcription and reporting errors from the labs, by comparing the results of each sample to each other. Reporting and transcription errors post lab analysis are mitigated by multiple levels of review by professional geoscientists.</p> <p>Arizona Lithium undertook a review of the historical sampling data to determine which samples were representative of the formation water and which samples should be excluded due to QAQC concerns. The Mineral Resource QP verified the lithium concentration data by reviewing Arizona Lithium's program, confirming the reported well names and concentrations in the referenced data sources, reviewing the reasonableness of the dataset based on regional water quality, and reviewing the dataset for consistency within the Project.</p> <p>The QP was involved throughout the testing program including participating in the development of the testing program, planning the QAQC for the water sampling, and witnessing the testing at the 101/14-33-002-12W2 well from October 19 to October 22, 2021. During the time that the QP was at the 101/14-33-002-12W2 well, four different intervals of the Duperow Formation were developed until representative samples could be collected for laboratory analysis. The QP witnessed the sample preparation, analysis and security measures of the reservoir testing and can verify that the procedures were consistent with the description provided under 'Drill Sample Recovery'.</p> |
| Geological interpretation | <ul style="list-style-type: none"> <i>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</i> <i>Nature of the data used and of any assumptions made.</i> <i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i> <i>The use of geology in guiding and controlling Mineral Resource estimation.</i> <i>The factors affecting continuity both of grade and geology.</i> | <p>The Duperow Aquifer is laterally extensive with high correlation across the resource area. Based on Arizona Lithium's sampling program and historical sampling programs, the pore space is filled with a lithium-rich brine across the Project.</p> <p>Historical data compiled by the oil and gas industry and testing completed by Arizona Lithium, suggests it is possible to withdrawal commercial quantities of brine from the Duperow Formation.</p> <p>The Mineral Resource estimate is based on the total volume of water in the net pay and the interpolated lithium concentration within the resource area.</p> <p>Approximately 71% of the Mineral Resource estimate is classified as Indicated because</p> |

| Criteria | JORC Code explanation | Commentary |
|--------------------------|---|---|
| <p>Dimensions</p> | <ul style="list-style-type: none"> <i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i> | <p>the lithium grade, brine volume, and transmissivity have been estimated with sufficient confidence to allow the application of modifying factors in support of mine planning and evaluation of economic viability.</p> <p>In some areas the resource estimate is classified as Inferred due to uncertainty in the lithium grade or the uncertainty in the formation transmissivity were considered too large to support evaluation of economic viability.</p> <p>It is expected that with continued exploration all areas of the resource can be upgraded to Indicated or Measured classifications.</p> <p>Arizona Lithium rents and leases subsurface mineral permits in Saskatchewan close to the United States border. The crown subsurface minerals are rented or leased from the Saskatchewan Provincial Government and cover 354,920 acres. Within the project area, Arizona Lithium leases varied % interest in mineral rights from Canpar Holdings Ltd. and Freehold Royalties Ltd. for a total of 26,445 net acres from Canpar Holdings Ltd. and 12,968 net acres from Freehold Royalties Ltd.</p> <p>Across the Project, the top of the Duperow Formation varies in depth from 1,700 m true vertical depth (TVD) (900 mbsl) in the northeast to 2,500 m TVD (2,000 mbsl) in the southwest. Seven (7) structure elevation maps between the top of the Duperow (Seward member) and the bottom of the Duperow Formation (top of Souris River Formation) were prepared in the resource area. Between 548 wells (top Souris River Formation) and 570 wells (top Duperow Formation) were used in the interpolation of each surface. Based on the high quality of the wireline logs and the nature of the high correlation of the Duperow, the dimensions of the Mineral Resource are well constrained.</p> <p>Based on the geologic setting, regional hydraulic head mapping, and regional geochemical characterizations, the Duperow Aquifer is judged to be hydraulically continuous within, and far beyond, the Arizona Lithium resource area. The historical, and recently measured lithium concentrations in the Duperow Formation, also suggest that lithium concentrations are continuous across the Resource Area.</p> |

| Criteria | JORC Code explanation | Commentary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------|--------------------------|---------------------------------------|-----|------------------|-----|---------------------|-----|--------------------------|-----|----------------|-----|----------------|-----|----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|--------------|-----|-----------|-----|---|-----|
| <p>Estimation and modelling techniques</p> | <ul style="list-style-type: none"> • The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used. • The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data. • The assumptions made regarding recovery of by-products. • Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation). • In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed. • Any assumptions behind modelling of selective mining units. • Any assumptions about correlation between variables. • Description of how the geological interpretation was used to control the resource estimates. • Discussion of basis for using or not using grade cutting or capping. • The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available. | <p>Geological understanding of the Duperow Formation was foundational to the resource estimate. Geological mapping was completed by Arizona Lithium and interpolated structure surfaces for the intra-Duperow Formation stratigraphy were provided to Fluid Domains Inc. for construction of a three-dimensional geologic model in FEFLOW™.</p> <p>The geological data set used to construct the surfaces and the model are summarized in Table 2.</p> <p>Table 2: Geological data set used to construct the surfaces and model.</p> <table border="1" data-bbox="906 745 1426 1630"> <thead> <tr> <th>Interval</th> <th>Number of Control Points</th> </tr> </thead> <tbody> <tr> <td>Seward Member (top Duperow Formation)</td> <td>570</td> </tr> <tr> <td>Seward Evaporite</td> <td>567</td> </tr> <tr> <td>Flat Lake Evaporite</td> <td>559</td> </tr> <tr> <td>Upper Wymark C Anhydrite</td> <td>567</td> </tr> <tr> <td>Upper Wymark C</td> <td>567</td> </tr> <tr> <td>Upper Wymark B</td> <td>565</td> </tr> <tr> <td>Upper Wymark A</td> <td>564</td> </tr> <tr> <td>Middle Wymark D</td> <td>562</td> </tr> <tr> <td>Middle Wymark C</td> <td>559</td> </tr> <tr> <td>Middle Wymark B</td> <td>557</td> </tr> <tr> <td>Middle Wymark A</td> <td>553</td> </tr> <tr> <td>Lower Wymark</td> <td>553</td> </tr> <tr> <td>Saskatoon</td> <td>552</td> </tr> <tr> <td>Souris River Formation (base Duperow Formation)</td> <td>548</td> </tr> </tbody> </table> <p>Wells used in the structure and thickness mapping span from Range 3W2M to Range 21W2M and include the northern two townships in North Dakota and Township 1 to 11 in Saskatchewan. Thickness or structural anomalies identified in the maps were reviewed and corrected (when necessary) prior to interpolation. The interpolated surfaces represent the structure and thickness of the Duperow Formation. No Duperow Formation-aged faults have been identified.</p> | Interval | Number of Control Points | Seward Member (top Duperow Formation) | 570 | Seward Evaporite | 567 | Flat Lake Evaporite | 559 | Upper Wymark C Anhydrite | 567 | Upper Wymark C | 567 | Upper Wymark B | 565 | Upper Wymark A | 564 | Middle Wymark D | 562 | Middle Wymark C | 559 | Middle Wymark B | 557 | Middle Wymark A | 553 | Lower Wymark | 553 | Saskatoon | 552 | Souris River Formation (base Duperow Formation) | 548 |
| Interval | Number of Control Points | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seward Member (top Duperow Formation) | 570 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seward Evaporite | 567 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flat Lake Evaporite | 559 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upper Wymark C Anhydrite | 567 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upper Wymark C | 567 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upper Wymark B | 565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upper Wymark A | 564 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Wymark D | 562 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Wymark C | 559 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Wymark B | 557 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Wymark A | 553 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lower Wymark | 553 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Saskatoon | 552 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Souris River Formation (base Duperow Formation) | 548 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| <p>Moisture</p> <p>Cut-off parameters</p> <p>Mining factors or assumptions</p> | <ul style="list-style-type: none"> • Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content. • The basis of the adopted cut-off grade(s) or quality parameters applied. • Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made. | <p>Isopach maps were created in GeoSCOUT™ using the kriging gridding algorithm. The isopach maps were constructed to understand and assess thickness trends within the intra-Duperow Formation stratigraphy. Any anomalies in the maps were addressed by quality checking stratigraphic tops in the wells and shifting them accordingly.</p> <p>The structure maps of surfaces were exported from GeoSCOUT™ and imported into FEFLOW™ to determine the gross rock volume. Additionally, effective porosity maps net pay maps, and lithium concentration maps for each intra-Duperow interval were imported into FEFLOW™ to calculate the net brine volume of the Duperow Aquifer.</p> <p>Validation of the FEFLOW generated isopach maps was achieved by comparing to the isopach maps generated in GeoSCOUT™.</p> <p>Not applicable.</p> <p>Not used.</p> <p>Lithium rich brine will be mined by pumping the water from production wells. Commercial scale production will likely require water production rates greater than 10,000 m3/day and as such water well networks will be required to meet the production targets. The evaluation of potential production rates is dependent on the geologic continuity, hydraulic heads, and transmissivity of the Duperow Formation. Relatively large datasets of geologic surfaces (selected from 270 wells) and hydraulic heads (measured in published studies and onsite wells) provide a high degree of confidence in the geologic continuity and hydraulic heads of the Duperow Formation. The transmissivity of the Formation is spatially variable and has been measured at: three Arizona Lithium wells (101/14-33-002-12W2, 104/01-02-001-12W2, 141/16-20-003-12W2), three Hub City Lithium wells (111/11-02-009-12W2 13W2, 101/14-36-008-12W2 13W2, and 101/02-22-007-12W2 09W2), and in 11 drill stem tests (DSTs). Analysis of the well tests was completed using Theis (1935), Driscoll (1986), and Dougherty-Babu (1984).</p> |

| Criteria | JORC Code explanation | Commentary |
|--|---|---|
| <p>Metallurgical factors or assumptions</p> | <ul style="list-style-type: none"> <i>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</i> | <p>Evaluation of the potential deliverability from a single well was analysed using the Modified Moell method (Maathuis and van der Kamp, 2006). Potential deliverability from a well network was evaluated using Theis (1935) with superposition and an extended solution to MacMillan (2009). Evaluations of deliverability considered the geologic setting, linear well loss, and pressure interference between wells.</p> <p>Lithium will be extracted from the brine via direct lithium extraction (DLE) technology. Arizona Lithium has pilot tested two different DLE technologies and both have produced average lithium recoveries of over 90%. Arizona Lithium has developed an ion exchange material called Plix that has been shown to recover an average of 92% of lithium from brine. This claim is based on a third party verification report prepared in April 2021 by Coanda Research and Development. Plix is manufactured by Arizona Lithium using proprietary raw materials and reaction conditions. Testing for lithium extraction was performed at the Arizona Lithium laboratory under the supervision of Coanda Research and Development. Schlumberger Limited (SLB) commissioned a proprietary full system solution including third party DLE optimized to operate with other flow sheet components and achieved 93% recovery.</p> |
| <p>Environmental factors or assumptions</p> | <ul style="list-style-type: none"> <i>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</i> | <p>Arizona Lithium is not aware at the date of this report of any known environmental issues that could materially impact their ability to extract lithium from the planned Project area.</p> <p>Arizona Lithium intends to place any required infrastructure within cultivated lands to help mitigate any adverse effects to populations of Species of Management Concern (SOMC) at the Project.</p> <p>Once the location of facilities are finalized, Arizona Lithium will complete the required detailed environmental surveys.</p> <p>Arizona Lithium aims to minimize surface environmental footprints by having multiple production wells drilled from a common surface pad, using existing surface infrastructure to minimize disturbance, such as using existing roads to access well pads, amongst other activities.</p> |

| Criteria | JORC Code explanation | Commentary |
|------------------------------|---|--|
| <p>Bulk density</p> | <ul style="list-style-type: none"> • <i>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</i> • <i>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</i> • <i>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</i> | <p>Based on the Hunting, Angling and Biodiversity Information of Saskatchewan (HABISask) search, it is not believed that the Project is likely to cause any impacts to SOMC that cannot be mitigated through proper planning.</p> <p>The main waste product produced by the processing facilities will be lithium depleted brine. It is not currently foreseen that the Project will produce any surface tailings or process waste, and all lithium depleted brine is planned to be disposed through disposal wells into underlying stratigraphy.</p> <p>Wireline logs were examined to determine the lithology across the intra-Duperow Formation intervals. Density logging tools emit gamma-rays to measure electron density of the formation. These data are used to determine lithology (Photoelectric factor (PEF)) and calculate porosity. The typical data density of the bulk density log is a measurement is taken approximately every 0.1m vertical depth. This represents several thousand sample data points per well, that throughout the area equates to several hundred thousand sample data points. The bulk density of each interval was one source of data used to interpret the average porosity over each interval.</p> <p>This exercise was completed for 279 wells.</p> |
| <p>Classification</p> | <ul style="list-style-type: none"> • <i>The basis for the classification of the Mineral Resources into varying confidence categories.</i> • <i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i> • <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i> | <p>The Mineral Resource estimation is based on geological surfaces and Duperow Formation Aquifer quality data provided by Arizona Lithium. Historical and current lithium concentrations and geological data were incorporated into the lithium mass estimates.</p> <p>Approximately 71% of the Mineral Resource estimate is classified as Indicated because the lithium grade, brine volume, and transmissivity have been estimated with sufficient confidence to allow the application of modifying factors in support of mine planning and evaluation of economic viability.</p> <p>In some areas, the resource estimate is classified as Inferred because the uncertainty in the lithium grade or the uncertainty in the formation transmissivity were considered too large to support evaluation of economic viability.</p> <p>It is expected that with continued exploration all areas of the resource can be upgraded to Indicated or Measured classifications.</p> |

Appendix 1:

Summary of Arizona Lithium's subsurface mineral permits and leases.

| Permit / Lease / File No. | Surface Area (Ha) | Disposition Area (Ha) | Offering Date | Annual Cost (CAD \$) | MWR (CAD \$) | Restrictions | Stratigraphic Interval | Lessor / AMI (In / Out) | |
|---------------------------|-------------------|-----------------------|---------------|----------------------|--------------|--|---|--|----------|
| SMP002 | 1553.82 | 1553.82 | 4/23/2019 | 3,107.64 | 577,000 | LS | Base Three Forks Group to top Precambrian | DEEP / In | |
| SMP003 | 1299.29 | 1299.29 | 12/17/2019 | 12,538.00 | 488,000 | PNG | Base Three Forks Group to top Precambrian | PLi / Out | |
| SMP007 | 1292.16 | 1292.16 | 12/17/2019 | 2,584.32 | 485,000 | PNG | Top Madison Group to Top Precambrian | PLi / Out | |
| SMP008 | 258.38 | 258.38 | 4/20/2020 | 516.76 | 97,000 | | | DEEP / In | |
| SMP021 | 1742.94 | 1656.78 | 4/20/2020 | 3,313.55 | 654,000 | | | | |
| SMP022 | 257.95 | 257.95 | 4/20/2020 | 515.90 | 97,000 | | | | |
| SMP023 | 1547.57 | 1547.57 | 4/20/2020 | 3,095.13 | 581,000 | | | | |
| SMP010 | 9295.42 | 8842.41 | 4/20/2020 | 17,684.82 | 3,485,000 | | | Top Madison Group to Top Winnipeg Formation | PLi / In |
| SMP011 | 1293.55 | 1293.55 | 4/20/2020 | 2,587.10 | 485,000 | | | Top Madison Group to Top Precambrian - except E/2 28-3-12W2, 29-3-12W2 and 32-3-12W2 Top Madison Group to Top Winnipeg Formation | |
| SMP044 | 3872.15 | 3807.55 | 4/19/2021 | 7,615.10 | 1,475,000 | 3KM, PNG | Top Madison Group to Precambrian | PLi / Out | |
| SMP046 | 128.76 | 128.76 | 4/19/2021 | 257.51 | 50,000 | | Top Madison Group to Precambrian | DEEP / In | |
| SMP047 | 258.21 | 258.21 | 4/19/2021 | 516.43 | 99,000 | | Top Madison Group to Precambrian; except W/2 and NE-6-2-10 W2 top Madison Group to base Three Forks Group | | |
| SMP048 | 1227.21 | 1173.33 | 4/19/2021 | 2,346.67 | 468,000 | | Top Madison Group to Precambrian | | |
| SMP049 | 258.38 | 258.38 | 4/19/2021 | 516.75 | 99,000 | | Top Madison Group to Precambrian | PLi / In | |
| SMP050 | 2252.20 | 2252.20 | 4/19/2021 | 4,504.40 | 858,000 | | Top Madison Group to Precambrian; except NW-6-4-11 W2, S/2-10-4-11 W2, NE-26-3-12 W2 and 36-3-12 W2 top Madison Group to top Winnipeg Formation | | |
| SMP056 | 2266.02 | 2265.84 | 4/19/2021 | 4,531.68 | 863,000 | | Top Madison Group to Precambrian | PLi / Out | |
| SMP058 | 1876.44 | 1876.44 | 4/19/2021 | 3,752.87 | 715,000 | | Top Madison Group to Precambrian; except 23-6-10 W2 top Madison Group to Top Winnipeg Formation | PLi / Out | |
| SMP059 | 2643.97 | 2539.88 | 4/19/2021 | 5,079.76 | 1,007,000 | | Top Madison Group to Precambrian | PLi / In | |
| SMP061 | 512.46 | 512.46 | 4/19/2021 | 1,024.92 | 196,000 | | Top Madison Group to Winnipeg Formation | | |
| SMP063 | 1738.78 | 1738.78 | 4/19/2021 | 3,477.55 | 663,000 | Top Madison Group to top Winnipeg Formation; except 14-2-12 W2 top Madison Group to Precambrian | PLi / In | | |
| SMP064 | 1809.08 | 1809.08 | 4/19/2021 | 3,618.16 | 689,000 | | | | |
| SMP065 | 1810.75 | 1810.75 | 4/19/2021 | 3,621.49 | 690,000 | Top Madison Group to top Winnipeg Formation; except 22-2-11 W2, 28-2-11 W2, 29-2-11 W2, 30-2-11 W2 and 32-2-11 W2 top Madison Group to Precambrian | PLi / In | | |
| SMP066 | 1879.20 | 1815.16 | 4/19/2021 | 3,630.32 | 716,000 | | | | |
| SMP067 | 2581.51 | 2581.51 | 4/19/2021 | 5,163.02 | 984,000 | Top Madison Group to Precambrian; except 22-3-12 W2, 23-3-12 W2 and SE -24-3-12 W2 top Madison Group to top Winnipeg Formation | PLi / Out | | |
| SMP068 | 2828.16 | 2828.13 | 4/19/2021 | 5,656.26 | 1,078,000 | | | | |
| SMP070 | 2388.55 | 2018.87 | 4/19/2021 | 4,037.73 | 910,000 | Top Madison Group to Precambrian | PLi / In | | |
| SMP078 | 3157.57 | 1803.83 | 4/19/2021 | 3,607.66 | 1,203,000 | | | | |
| SMP079 | 1410.74 | 1410.74 | 4/19/2021 | 2,821.47 | 538,000 | PNG, T | Top Madison Group to top Winnipeg Formation | | |
| SMP082 | 2834.84 | 2834.84 | 4/19/2021 | 5,669.68 | 1,080,000 | | | | |
| SMP083 | 2319.43 | 2319.43 | 4/19/2021 | 4,638.86 | 884,000 | | | | |
| SMP084 | 2106.95 | 2106.95 | 4/19/2021 | 4,213.91 | 803,000 | PNG | Top Madison Group to Precambrian | | |
| SML001 | 1526.19 | 1526.19 | 4/19/2021 | 15,261.90 | 582,000 | | | | |
| SML002 | 1223.27 | 1221.99 | 4/19/2021 | 12,232.70 | 466,000 | 3KM, PNG | Top Madison Group to top Precambrian; except 34-3-12 W2, 2- | | |
| SMP087 | 2599.37 | 2599.06 | 4/19/2021 | 5,198.11 | 990,000 | | | | |

| Permit / Lease / File No. | Surface Area (Ha) | Disposition Area (Ha) | Offering Date | Annual Cost (CAD \$) | MWR (CAD \$) | Restrictions | Stratigraphic Interval | Lessor / AMI (In / Out) |
|---------------------------|-------------------|-----------------------|---------------|----------------------|--------------|--------------|---|-------------------------|
| | | | | | | | 4-12 W2, 12-4-12 W2 and 13-4-12 W2 top Madison Group to top Winnipeg Formation | |
| SMP090 | 1546.80 | 1482.47 | 4/19/2021 | 2,964.95 | 590,000 | PNG, CA, 3KM | Top Madison Group to Precambrian | PLi / Out |
| SMP099 | 1550.44 | 1550.44 | 4/19/2021 | 3,100.88 | 591,000 | 3KM, PNG | Top Madison Group to top Winnipeg Formation | PLi / In |
| SMP100 | 1874.77 | 1874.77 | 4/19/2021 | 3,749.53 | 714,000 | | Top Madison Group to top Winnipeg Formation; except NE-5-1-13 W2 top Madison Group to Precambrian | |
| SMP101 | 516.70 | 516.70 | 4/19/2021 | 1,033.40 | 197,000 | PNG | Top Madison Group to Precambrian | DEEP / In |
| SMP102 | 1806.44 | 1806.44 | 4/19/2021 | 3,612.88 | 688,000 | | Top Madison Group to Precambrian; except 16-1-13 W2, 21-1-13 W2 and 22-1-13 W2 top Madison Group to top Winnipeg Formation | |
| SMP103 | 2391.56 | 2391.56 | 4/19/2021 | 4,783.11 | 911,000 | CA, PNG, 3KM | Top Madison Group to top Winnipeg Formation | PLi / In |
| SMP104 | 2074.75 | 2074.75 | 4/19/2021 | 4,149.50 | 791,000 | PNG, 3KM | | |
| SMP105 | 2316.88 | 2316.88 | 4/19/2021 | 4,633.77 | 883,000 | PNG | Top Madison Group to top Precambrian; except 4-2-13 W2 and SE-9-2-13 W2 and W/2-9-2-13 W2 top Madison Group to top Winnipeg Formation; NE-9-2-13 W2 top Madison Group to top Duperow Formation and base Souris River Formation to top Winnipeg Formation. | DEEP / In |
| SMP106 | 2017.84 | 1956.18 | 4/19/2021 | 3,912.37 | 769,000 | PNG | Top Madison Group to top Precambrian; except 33-2-13 W2, 34-2-13 W2, W/2-35-2-13 W2, SE-35-2-13 W2 and 36-2-13 W2 top Madison Group to top Winnipeg Formation | PLi / In |
| SMP107 | 1548.07 | 1510.04 | 4/19/2021 | 3,020.09 | 590,000 | 3KM, PNG | Top Madison Group to Precambrian | |
| SMP108 | 2392.85 | 2392.85 | 4/19/2021 | 4,785.70 | 912,000 | | | |
| SMP109 | 2203.46 | 2203.46 | 4/19/2021 | 4,406.91 | 840,000 | PNG | Top Madison Group to Precambrian | |
| SMP110 | 2523.42 | 2523.42 | 4/19/2021 | 5,046.84 | 961,000 | 3KM, PNG | | |
| SMP111 | 3049.83 | 3049.83 | 4/19/2021 | 6,099.66 | 1,162,000 | PNG | Top Madison Group to Precambrian | |
| SMP112 | 4544.02 | 4544.02 | 4/19/2021 | 9,088.04 | 1,731,000 | | | |
| SMP114 | 4394.98 | 4394.98 | 4/19/2021 | 8,789.95 | 1,674,000 | | | |
| SMP115 | 4109.14 | 4109.14 | 4/19/2021 | 8,218.29 | 1,565,000 | CA, PNG | Top Madison Group to Precambrian | DEEP / In |
| SMP116 | 4576.26 | 4576.26 | 4/19/2021 | 9,152.52 | 1,743,000 | PNG | Top Madison Group to Precambrian | PLi / In |
| SMP117 | 1604.93 | 1604.93 | 4/19/2021 | 3,209.86 | 612,000 | | | |
| SMP118 | 2308.58 | 2308.58 | 4/19/2021 | 4,617.16 | 880,000 | PNG | Top Madison Group to top Precambrian; except SE-4-3-14 W2, E/2-5-3-14 W2, E/2-7-3-14 W2, 18-3-14 W2 and 19-3-14 W2 top Madison Group to top Winnipeg Formation | |
| SMP119 | 3447.80 | 3447.80 | 4/19/2021 | 6,895.61 | 1,314,000 | | Top Madison Group to top Precambrian; except 17-3-14 W2 top Madison Group to top Winnipeg Formation | |
| SMP120 | 3380.74 | 3380.74 | 4/19/2021 | 6,761.48 | 1,288,000 | PNG | Top Madison Group to Precambrian | DEEP / In |
| SMP121 | 4585.77 | 4388.70 | 4/19/2021 | 8,777.40 | 1,747,000 | | | |
| SMP145 | 517.46 | 517.46 | 8/23/2021 | 1,034.92 | 199,000 | | | |
| SMP150 | 1291.87 | 1259.65 | 8/23/2021 | 2,519.30 | 497,000 | PNG, 3KM, CA | Top Madison Group to Precambrian | PLi / In |
| SMP151 | 1811.02 | 1811.02 | 8/23/2021 | 3,622.05 | 697,000 | PNG | Top Madison Group to Precambrian | PLi / Out |
| SMP152 | 516.90 | 516.90 | 8/23/2021 | 1,033.79 | 199,000 | | | |
| SMP153 | 516.17 | 516.17 | 8/23/2021 | 1,032.34 | 199,000 | | | |
| SMP154 | 1226.31 | 1157.61 | 8/23/2021 | 2,315.23 | 472,000 | PNG, 3KM | Top Madison Group to Precambrian | PLi / Out |
| SMP156 | 258.80 | 258.80 | 8/23/2021 | 517.60 | 100,000 | | Top Madison Group to Precambrian | PLi / In |
| SMP160 | 194.65 | 194.65 | 8/23/2021 | 389.30 | 75,000 | PNG | Top Madison Group to Precambrian | PLi / In |
| SMP162 | 2393.70 | 2393.70 | 8/23/2021 | 4,787.39 | 921,000 | | | |
| SMP143 | 3359.85 | 3359.85 | 8/23/2021 | 6,719.71 | 1,292,000 | PNG, 3KM, CA | Top Madison Group to Precambrian | PLi / Out |
| SMP164 | 2327.11 | 2327.11 | 8/23/2021 | 4,654.22 | 895,000 | PNG, 3KM | Top Madison Group to Precambrian | PLi / Out |
| AMP165 | 515.00 | 515.00 | 8/23/2021 | 1,030.01 | 198,000 | PNG | Top Madison Group to Precambrian | PLi / Out |

| Permit / Lease / File No. | Surface Area (Ha) | Disposition Area (Ha) | Offering Date | Annual Cost (CAD \$) | MWR (CAD \$) | Restrictions | Stratigraphic Interval | Lessor / AMI (In / Out) |
|---------------------------|-------------------|-----------------------|---------------|----------------------|--------------|--------------|------------------------------------|-------------------------|
| SMP167 | 261.40 | 245.07 | 8/23/2021 | 490.13 | 101,000 | | Top Madison Group to Precambrian | PLi / In |
| SMP168 | 130.07 | 130.07 | 8/23/2021 | 260.13 | 50,000 | | Top Madison Group to Precambrian | PLi / In |
| SMP169 | 2329.79 | 2329.79 | 8/23/2021 | 4,659.58 | 896,000 | | Top Madison Group to Precambrian | PLi / Out |
| SMP170 | 2192.98 | 2192.98 | 8/23/2021 | 4,385.97 | 843,000 | PNG, 3KM | Top Madison Group to Precambrian | PLi / Out |
| M043397 | 1156.53 | 1156.53 | 11/15/2023 | 2,313.06 | N/A | N/A | Top Madison Group to Top Red River | Canpar / In |
| M043398 | 3030.75 | 3030.75 | 11/15/2023 | 6,061.50 | N/A | N/A | Top Madison Group to Top Red River | Canpar / In |
| M043399 | 2657.18 | 2657.18 | 11/15/2023 | 5,314.35 | N/A | N/A | Top Madison Group to Top Red River | Canpar / In |
| M043400 | 1513.73 | 1513.73 | 11/15/2023 | 3,027.47 | N/A | N/A | Top Madison Group to Top Red River | Canpar / In |
| M043401 | 2307.53 | 2307.53 | 11/15/2023 | 4,615.06 | N/A | N/A | Top Madison Group to Top Red River | Canpar / In |
| M043402 | 979.60 | 979.60 | 11/15/2023 | 1,959.21 | N/A | N/A | Top Madison Group to Top Red River | Freehold / In |
| M043403 | 2333.42 | 2333.42 | 11/15/2023 | 4,666.85 | N/A | N/A | Top Madison Group to Top Red River | Freehold / In |
| M043404 | 674.78 | 674.78 | 11/15/2023 | 1,349.55 | N/A | N/A | Top Madison Group to Top Red River | Freehold / In |
| M043405 | 1263.11 | 1263.11 | 11/15/2023 | 2,526.21 | N/A | N/A | Top Madison Group to Top Red River | Freehold / In |

Appendix 2:

Summary Table of Drill Holes:

- 279 wells with wireline logs to determine the average porosity over the net pay interval.

| Well ID | Reference Elevation - Kelly Bushing (m) | Measured Depth (m) | True Vertical Depth (m) | Vertical or Deviated Well | Surface Location | Surface Hole Easting (NAD83) | Surface Hole Northing (NAD83) | Bottom Hole Easting (NAD83) | Bottom Hole Northing (NAD83) |
|-----------------------|---|--------------------|-------------------------|---------------------------|------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|
| 111/15-05-001-08W2/00 | 583.4 | 2850.5 | 2850.5 | vertical | 15-05-001-08W2 | 643156 | 5430584 | 643156 | 5430584 |
| 131/08-13-001-10W2/00 | 584.2 | 2814.2 | 2814.2 | vertical | 08-13-001-10W2 | 630707 | 5432981 | 630707 | 5432981 |
| 121/12-24-001-10W2/00 | 581.3 | 2810.9 | 2810.9 | vertical | 12-24-001-10W2 | 629438 | 5434660 | 629438 | 5434660 |
| 121/10-28-001-10W2/00 | 587.0 | 3165.0 | 3165.0 | vertical | 10-28-001-10W2 | 625275 | 5436213 | 625275 | 5436213 |
| 102/14-04-001-11W2/00 | 590.9 | 3839.5 | 3496.2 | deviated | 12-10-001-11W2 | 616345 | 5431028 | 615352 | 5429979 |
| 141/03-08-001-11W2/00 | 602.0 | 3394.9 | 3394.9 | vertical | 03-08-001-11W2 | 613844 | 5430406 | 613844 | 5430406 |
| 103/01-02-001-12W2/00 | 618.6 | 3731.0 | 3731.0 | vertical | 01-02-001-12W2 | 609801 | 5428760 | 609801 | 5428760 |
| 131/16-12-001-12W2/00 | 603.7 | 2463.0 | 2462.8 | vertical | 16-12-001-12W2 | 611189 | 5431660 | 611185 | 5431658 |
| 121/13-18-001-12W2/00 | 631.9 | 2480.0 | 2480.0 | vertical | 13-18-001-12W2 | 601765 | 5432827 | 601765 | 5432827 |
| 101/01-26-001-12W2/00 | 596.7 | 3442.8 | 3442.2 | vertical | 01-26-001-12W2 | 609425 | 5435055 | 609430 | 5435066 |
| 101/02-03-001-13W2/00 | 668.9 | 2556.0 | 2555.7 | vertical | 02-03-001-13W2 | 597856 | 5428473 | 597856 | 5428509 |
| 141/15-31-001-15W2/00 | 710.0 | 2550.0 | 2550.0 | vertical | 15-31-001-15W2 | 573383 | 5437486 | 573383 | 5437486 |
| 101/15-04-001-16W2/00 | 678.4 | 2490.0 | 2490.0 | vertical | 15-04-001-16W2 | 566902 | 5429286 | 566902 | 5429286 |
| 101/02-14-001-16W2/00 | 703.8 | 2514.9 | 2514.9 | vertical | 02-14-001-16W2 | 570124 | 5431430 | 570124 | 5431430 |
| 131/03-32-001-16W2/00 | 695.3 | 3224.0 | 3224.0 | vertical | 03-32-001-16W2 | 564658 | 5436326 | 564658 | 5436326 |
| 141/15-14-001-17W2/00 | 688.1 | 3205.0 | 3205.0 | vertical | 15-14-001-17W2 | 560374 | 5432589 | 560374 | 5432589 |
| 121/07-23-001-17W2/00 | 680.6 | 3194.0 | 3194.0 | vertical | 07-23-001-17W2 | 560224 | 5433166 | 560224 | 5433166 |
| 101/11-27-001-17W2/00 | 703.8 | 3198.8 | 3198.8 | vertical | 11-27-001-17W2 | 558309 | 5435227 | 558309 | 5435227 |
| 121/01-08-002-06W2/00 | 578.8 | 2725.0 | 2681.7 | deviated | 01-08-002-06W2 | 662588 | 5441580 | 662591 | 5441375 |
| 141/05-06-002-08W2/00 | 575.0 | 3406.3 | 3406.3 | vertical | 05-06-002-08W2 | 640344 | 5439709 | 640344 | 5439709 |
| 131/14-14-002-09W2/00 | 572.0 | 2686.0 | 2686.0 | vertical | 14-14-002-09W2 | 637598 | 5443567 | 637598 | 5443567 |
| 111/16-15-002-09W2/00 | 574.3 | 2683.5 | 2683.5 | vertical | 16-15-002-09W2 | 637043 | 5443389 | 637043 | 5443389 |
| 111/08-22-002-09W2/00 | 570.2 | 2611.3 | 2611.1 | vertical | 08-22-002-09W2 | 637026 | 5444232 | 637022 | 5444248 |
| 121/09-22-002-09W2/00 | 570.1 | 2665.0 | 2664.4 | vertical | 09-22-002-09W2 | 636858 | 5444592 | 636850 | 5444611 |
| 111/04-23-002-09W2/00 | 570.3 | 2659.0 | 2659.0 | vertical | 04-23-002-09W2 | 637472 | 5443854 | 637472 | 5443854 |
| 131/01-28-002-09W2/00 | 569.5 | 2665.0 | 2654.2 | vertical | 01-28-002-09W2 | 635172 | 5445453 | 635157 | 5445457 |
| 111/11-30-002-09W2/00 | 572.2 | 2675.0 | 2675.0 | vertical | 11-30-002-09W2 | 631326 | 5446122 | 631329 | 5446121 |
| 113/11-30-002-09W2/00 | 571.5 | 2645.0 | 2640.9 | deviated | 11-30-002-09W2 | 631343 | 5446029 | 631346 | 5446023 |
| 101/03-16-002-10W2/00 | 584.6 | 3292.1 | 3292.1 | vertical | 03-16-002-10W2 | 624875 | 5441931 | 624875 | 5441931 |
| 131/15-25-002-10W2/00 | 571.1 | 2665.0 | 2662.6 | deviated | 15-25-002-10W2 | 629979 | 5446659 | 629989 | 5446528 |
| 131/04-36-002-10W2/00 | 571.4 | 2676.0 | 2675.7 | vertical | 04-36-002-10W2 | 629089 | 5446969 | 629076 | 5446968 |
| 141/01-29-002-12W2/00 | 598.3 | 2400.0 | 2400.0 | vertical | 01-29-002-12W2 | 604596 | 5444923 | 604596 | 5444923 |
| 101/14-33-002-12W2/00 | 598.0 | 2421.0 | 2421.0 | vertical | 14-33-002-12W2 | 605333 | 5447568 | 605333 | 5447568 |
| 111/05-34-002-12W2/00 | 595.5 | 2368.5 | 2368.5 | vertical | 05-34-002-12W2 | 606519 | 5446768 | 606519 | 5446768 |
| 101/06-02-002-14W2/00 | 681.6 | 2510.0 | 2510.0 | vertical | 06-02-002-14W2 | 589142 | 5438478 | 589142 | 5438478 |
| 101/08-05-002-14W2/00 | 680.0 | 3262.0 | 3262.0 | vertical | 08-05-002-14W2 | 585087 | 5438402 | 585087 | 5438402 |
| 141/08-16-002-14W2/00 | 647.1 | 3189.1 | 3189.1 | vertical | 08-16-002-14W2 | 586734 | 5441789 | 586734 | 5441789 |
| 101/10-16-002-14W2/00 | 647.1 | 3101.2 | 3101.2 | vertical | 10-16-002-14W2 | 586232 | 5442040 | 586232 | 5442040 |
| 121/16-02-002-15W2/00 | 696.3 | 2521.0 | 2521.0 | vertical | 16-02-002-15W2 | 580121 | 5439085 | 580121 | 5439085 |
| 121/11-33-002-16W2/00 | 718.9 | 2420.0 | 2420.0 | vertical | 11-33-002-16W2 | 566245 | 5446566 | 566245 | 5446566 |
| 131/12-31-003-06W2/00 | 586.5 | 2514.0 | 2514.0 | vertical | 12-31-003-06W2 | 659249 | 5458185 | 659249 | 5458185 |
| 121/15-19-003-08W2/00 | 584.3 | 2577.0 | 2577.0 | vertical | 15-19-003-08W2 | 640462 | 5454730 | 640462 | 5454730 |
| 101/09-25-003-09W2/00 | 582.3 | 2557.0 | 2557.0 | vertical | 09-25-003-09W2 | 639369 | 5455949 | 639369 | 5455949 |
| 131/14-25-003-09W2/00 | 581.9 | 2491.0 | 2489.3 | vertical | 14-25-003-09W2 | 638408 | 5456447 | 638403 | 5456446 |
| 131/08-35-003-09W2/00 | 579.7 | 2497.0 | 2497.0 | vertical | 08-35-003-09W2 | 637593 | 5457265 | 637593 | 5457265 |
| 121/16-35-003-09W2/00 | 580.3 | 2552.0 | 2552.0 | vertical | 16-35-003-09W2 | 637547 | 5457941 | 637547 | 5457941 |
| 121/13-36-003-09W2/00 | 583.5 | 2565.0 | 2564.1 | deviated | 13-36-003-09W2 | 637982 | 5457835 | 637990 | 5457863 |
| 121/15-02-003-10W2/00 | 569.0 | 2650.0 | 2649.6 | vertical | 15-02-003-10W2 | 627577 | 5449460 | 627550 | 5449474 |
| 131/03-14-003-10W2/00 | 570.6 | 2620.0 | 2620.0 | vertical | 03-14-003-10W2 | 627102 | 5451804 | 627102 | 5451804 |
| 131/03-21-003-10W2/00 | 565.7 | 2921.0 | 2921.0 | vertical | 03-21-003-10W2 | 623777 | 5453340 | 623777 | 5453340 |
| 101/09-22-003-10W2/00 | 578.5 | 2618.0 | 2618.0 | vertical | 09-22-003-10W2 | 626359 | 5454028 | 626359 | 5454028 |
| 121/09-34-003-10W2/00 | 577.0 | 2584.0 | 2584.0 | vertical | 09-34-003-10W2 | 626173 | 5457083 | 626173 | 5457083 |
| 111/14-15-003-15W2/00 | 655.1 | 3039.0 | 3039.0 | vertical | 14-15-003-15W2 | 576578 | 5451808 | 576578 | 5451808 |
| 111/04-22-003-15W2/00 | 653.7 | 3073.0 | 3006.3 | vertical | 04-22-003-15W2 | 576243 | 5452199 | 576242 | 5452191 |
| 101/07-07-003-17W2/00 | 706.5 | 2697.0 | 2697.0 | vertical | 07-07-003-17W2 | 552461 | 5449260 | 552461 | 5449260 |
| 101/07-23-003-17W2/00 | 741.3 | 3100.1 | 3100.1 | vertical | 07-23-003-17W2 | 558967 | 5452502 | 558967 | 5452502 |
| 101/01-10-003-21W2/00 | 771.0 | 2944.5 | 2944.5 | vertical | 01-10-003-21W2 | 518615 | 5448588 | 518615 | 5448588 |
| 141/06-30-004-04W2/00 | 591.3 | 2336.0 | 2336.0 | vertical | 06-30-004-04W2 | 679181 | 5466615 | 679181 | 5466615 |
| 141/14-18-004-06W2/00 | 593.5 | 2475.0 | 2475.0 | vertical | 14-18-004-06W2 | 659635 | 5463505 | 659635 | 5463505 |



| | | | | | | | | | |
|-----------------------|-------|--------|--------|----------|----------------|--------|---------|--------|---------|
| 132/15-18-004-06W2/00 | 594.5 | 2475.0 | 2472.6 | vertical | 15-18-004-06W2 | 659803 | 5463576 | 659794 | 5463578 |
| 141/04-01-004-07W2/00 | 588.6 | 2513.0 | 2513.0 | vertical | 04-01-004-07W2 | 657712 | 5458983 | 657712 | 5458983 |
| 141/15-07-004-07W2/00 | 589.1 | 2518.3 | 2518.1 | vertical | 15-07-004-07W2 | 650286 | 5461602 | 650282 | 5461607 |
| 121/05-13-004-07W2/00 | 593.7 | 2441.0 | 2441.0 | vertical | 05-13-004-07W2 | 657436 | 5462550 | 657436 | 5462550 |
| 191/10-14-004-07W2/00 | 592.5 | 3420.0 | 2712.1 | vertical | 01-14-004-07W2 | 657213 | 5462228 | 656698 | 5462734 |
| 121/08-22-004-07W2/00 | 594.2 | 2905.0 | 2905.0 | vertical | 08-22-004-07W2 | 655297 | 5463913 | 655297 | 5463913 |
| 121/07-16-004-08W2/00 | 590.7 | 2523.0 | 2523.0 | vertical | 07-16-004-08W2 | 643626 | 5462094 | 643626 | 5462094 |
| 101/11-18-004-08W2/00 | 588.1 | 2526.0 | 2523.6 | vertical | 11-18-004-08W2 | 639966 | 5462507 | 639969 | 5462494 |
| 131/02-19-004-08W2/00 | 589.6 | 2510.0 | 2509.2 | vertical | 01-19-004-08W2 | 640300 | 5463333 | 640297 | 5463342 |
| 131/12-20-004-08W2/00 | 591.5 | 2502.0 | 2502.0 | vertical | 12-20-004-08W2 | 641119 | 5464171 | 641119 | 5464171 |
| 121/10-29-004-08W2/00 | 594.4 | 2473.0 | 2473.0 | vertical | 10-29-004-08W2 | 641821 | 5465666 | 641821 | 5465666 |
| 141/06-30-004-08W2/00 | 591.6 | 2485.0 | 2485.0 | vertical | 06-30-004-08W2 | 639977 | 5465485 | 639977 | 5465485 |
| 141/01-31-004-08W2/00 | 593.7 | 2471.0 | 2470.8 | vertical | 01-31-004-08W2 | 640767 | 5466734 | 640761 | 5466742 |
| 141/09-31-004-08W2/00 | 597.7 | 3000.1 | 3000.1 | vertical | 09-31-004-08W2 | 640762 | 5467421 | 640762 | 5467421 |
| 101/08-01-004-09W2/00 | 586.4 | 2560.0 | 2560.0 | vertical | 08-01-004-09W2 | 639274 | 5458821 | 639274 | 5458821 |
| 141/01-10-004-09W2/00 | 581.6 | 2527.0 | 2527.0 | vertical | 01-10-004-09W2 | 636025 | 5459995 | 636025 | 5459995 |
| 111/13-11-004-09W2/00 | 583.9 | 2507.0 | 2507.0 | vertical | 13-11-004-09W2 | 636573 | 5461125 | 636573 | 5461125 |
| 121/16-13-004-09W2/00 | 586.3 | 2500.0 | 2500.0 | vertical | 16-13-004-09W2 | 638978 | 5462785 | 638978 | 5462785 |
| 121/10-14-004-09W2/00 | 585.0 | 2495.0 | 2495.0 | vertical | 10-14-004-09W2 | 637065 | 5462322 | 637065 | 5462322 |
| 111/12-22-004-09W2/00 | 588.4 | 2490.0 | 2489.5 | vertical | 12-22-004-09W2 | 634832 | 5463900 | 634832 | 5463900 |
| 121/16-23-004-09W2/00 | 588.3 | 2495.1 | 2494.6 | vertical | 16-23-004-09W2 | 637411 | 5464280 | 637413 | 5464280 |
| 111/06-24-004-09W2/00 | 590.1 | 2506.7 | 2506.3 | vertical | 06-24-004-09W2 | 638472 | 5463630 | 638489 | 5463646 |
| 131/03-25-004-09W2/00 | 588.5 | 2489.0 | 2488.1 | vertical | 03-25-004-09W2 | 638262 | 5464923 | 638259 | 5464904 |
| 141/01-27-004-09W2/00 | 589.9 | 2481.0 | 2480.9 | vertical | 01-27-004-09W2 | 635950 | 5464949 | 635950 | 5464950 |
| 121/12-27-004-09W2/00 | 590.2 | 2478.0 | 2477.8 | vertical | 12-27-004-09W2 | 634560 | 5465503 | 634562 | 5465492 |
| 191/13-34-004-09W2/00 | 593.8 | 2895.6 | 2563.6 | deviated | 16-33-004-09W2 | 634211 | 5467616 | 634634 | 5467713 |
| 141/06-11-004-10W2/00 | 585.0 | 2545.0 | 2545.0 | vertical | 06-11-004-10W2 | 627189 | 5460277 | 627189 | 5460277 |
| 141/16-24-004-10W2/00 | 585.6 | 2495.0 | 2494.7 | vertical | 16-24-004-10W2 | 629449 | 5464372 | 629447 | 5464374 |
| 141/14-35-004-10W2/00 | 587.4 | 2488.0 | 2378.8 | deviated | 14-35-004-10W2 | 626928 | 5467500 | 626946 | 5467517 |
| 121/13-01-004-11W2/00 | 571.5 | 2875.5 | 2875.5 | vertical | 13-01-004-11W2 | 618313 | 5458968 | 618313 | 5458968 |
| 121/01-04-004-11W2/00 | 568.2 | 2243.0 | 2243.0 | vertical | 01-04-004-11W2 | 614637 | 5457747 | 614637 | 5457747 |
| 131/13-20-004-11W2/00 | 572.4 | 2928.2 | 2928.2 | vertical | 13-20-004-11W2 | 611794 | 5463859 | 611794 | 5463859 |
| 131/06-07-004-12W2/00 | 590.8 | 2879.0 | 2878.8 | vertical | 06-07-004-12W2 | 600825 | 5459615 | 600826 | 5459649 |
| 121/04-09-004-12W2/00 | 589.1 | 2886.0 | 2885.3 | vertical | 04-09-004-12W2 | 603690 | 5459187 | 603698 | 5459172 |
| 141/01-22-004-19W2/00 | 755.6 | 3075.0 | 3075.0 | vertical | 01-22-004-19W2 | 538243 | 5461757 | 538243 | 5461757 |
| 121/09-36-005-04W2/00 | 594.3 | 2510.7 | 2510.4 | vertical | 09-36-005-04W2 | 687394 | 5478319 | 687397 | 5478301 |
| 141/15-11-005-05W2/00 | 593.4 | 2290.0 | 2290.0 | vertical | 15-11-005-05W2 | 675975 | 5472145 | 675975 | 5472145 |
| 121/13-12-005-05W2/00 | 593.1 | 2282.0 | 2281.8 | vertical | 13-12-005-05W2 | 676719 | 5471927 | 676722 | 5471928 |
| 121/02-14-005-05W2/00 | 595.4 | 2780.0 | 2780.0 | vertical | 02-14-005-05W2 | 675851 | 5472325 | 675851 | 5472325 |
| 121/07-15-005-05W2/00 | 593.4 | 2287.0 | 2287.0 | vertical | 07-15-005-05W2 | 674231 | 5472607 | 674231 | 5472607 |
| 121/15-23-005-05W2/00 | 596.6 | 2247.0 | 2247.0 | vertical | 15-23-005-05W2 | 675772 | 5475183 | 675772 | 5475183 |
| 111/02-24-005-05W2/00 | 594.8 | 2246.0 | 2246.0 | vertical | 02-24-005-05W2 | 677606 | 5474047 | 677606 | 5474047 |
| 121/15-24-005-05W2/00 | 599.2 | 2244.0 | 2236.9 | deviated | 15-24-005-05W2 | 677352 | 5475185 | 677321 | 5475145 |
| 111/05-26-005-05W2/00 | 595.2 | 2240.0 | 2238.2 | vertical | 05-26-005-05W2 | 675090 | 5475886 | 675089 | 5475911 |
| 131/14-27-005-05W2/00 | 594.8 | 2230.0 | 2230.0 | vertical | 14-27-005-05W2 | 673602 | 5476955 | 673602 | 5476955 |
| 141/05-33-005-05W2/00 | 595.6 | 2268.0 | 2263.5 | deviated | 05-33-005-05W2 | 671845 | 5477660 | 671907 | 5477658 |
| 111/07-33-005-05W2/00 | 596.2 | 2246.0 | 2246.0 | vertical | 07-33-005-05W2 | 672671 | 5477412 | 672671 | 5477412 |
| 101/09-33-005-05W2/00 | 601.7 | 2278.0 | 2277.4 | vertical | 09-33-005-05W2 | 672925 | 5478025 | 672937 | 5478056 |
| 121/12-33-005-05W2/00 | 594.0 | 2242.1 | 2242.1 | vertical | 12-33-005-05W2 | 671694 | 5477895 | 671694 | 5477895 |
| 111/14-33-005-05W2/00 | 597.2 | 2235.0 | 2235.0 | vertical | 14-33-005-05W2 | 672208 | 5478298 | 672208 | 5478298 |
| 141/05-34-005-05W2/00 | 599.3 | 2269.8 | 2269.8 | vertical | 05-34-005-05W2 | 673398 | 5477688 | 673398 | 5477688 |
| 191/11-34-005-05W2/00 | 596.4 | 2260.5 | 2250.2 | deviated | 06-34-005-05W2 | 673813 | 5477768 | 673807 | 5477853 |
| 191/15-34-005-05W2/00 | 596.5 | 2445.0 | 2184.4 | vertical | 10-34-005-05W2 | 674099 | 5478074 | 674084 | 5478435 |
| 101/05-05-005-06W2/00 | 599.7 | 2415.0 | 2415.0 | vertical | 05-05-005-06W2 | 660608 | 5469123 | 660608 | 5469123 |
| 141/16-10-005-06W2/00 | 595.7 | 2361.0 | 2361.0 | vertical | 16-10-005-06W2 | 665070 | 5471745 | 665070 | 5471745 |
| 111/07-04-005-07W2/00 | 598.6 | 2850.0 | 2850.0 | vertical | 07-04-005-07W2 | 653461 | 5468832 | 653461 | 5468832 |
| 112/07-30-005-07W2/00 | 598.2 | 2423.1 | 2423.1 | vertical | 07-30-005-07W2 | 653373 | 5468835 | 653373 | 5468835 |
| 131/11-04-005-07W2/00 | 598.3 | 2450.0 | 2450.0 | vertical | 11-04-005-07W2 | 652690 | 5469368 | 652690 | 5469368 |
| 121/15-08-005-07W2/00 | 599.8 | 2851.5 | 2850.8 | vertical | 15-08-005-07W2 | 651501 | 5471204 | 651512 | 5471216 |
| 131/08-14-005-07W2/00 | 596.0 | 2388.2 | 2388.2 | vertical | 08-14-005-07W2 | 656794 | 5472372 | 656794 | 5472372 |
| 111/03-15-005-07W2/00 | 600.0 | 2416.0 | 2415.5 | vertical | 03-15-005-07W2 | 654492 | 5471708 | 654501 | 5471733 |
| 101/05-07-005-08W2/00 | 600.8 | 2448.0 | 2448.0 | vertical | 05-07-005-08W2 | 639422 | 5470147 | 639422 | 5470147 |
| 131/08-15-005-08W2/00 | 601.5 | 2467.0 | 2467.0 | vertical | 08-15-005-08W2 | 645375 | 5471935 | 645375 | 5471935 |
| 141/11-28-005-08W2/00 | 601.3 | 2422.7 | 2375.3 | deviated | 11-28-005-08W2 | 642918 | 5475481 | 642977 | 5475696 |
| 131/15-30-005-08W2/00 | 598.3 | 2396.0 | 2396.0 | vertical | 15-30-005-08W2 | 639979 | 5475925 | 639977 | 5475915 |
| 101/05-32-005-08W2/00 | 602.4 | 2389.0 | 2389.0 | vertical | 05-32-005-08W2 | 640820 | 5476698 | 640820 | 5476698 |
| 121/16-32-005-08W2/00 | 602.0 | 2350.0 | 2350.0 | vertical | 16-32-005-08W2 | 641986 | 5477474 | 641986 | 5477474 |
| 131/11-33-005-08W2/00 | 601.7 | 2370.0 | 2370.0 | vertical | 11-33-005-08W2 | 642836 | 5477257 | 642836 | 5477257 |
| 121/03-35-005-08W2/00 | 600.2 | 2417.0 | 2398.2 | deviated | 03-35-005-08W2 | 646163 | 5476259 | 646079 | 5476310 |
| 141/10-18-005-09W2/00 | 596.1 | 2431.0 | 2430.9 | vertical | 10-18-005-09W2 | 630492 | 5472022 | 630506 | 5472031 |
| 131/09-23-005-09W2/00 | 601.8 | 2432.0 | 2432.0 | vertical | 09-23-005-09W2 | 637148 | 5473904 | 637148 | 5473904 |
| 131/14-29-005-09W2/00 | 600.2 | 2861.0 | 2861.0 | vertical | 14-29-005-09W2 | 631524 | 5475679 | 631524 | 5475679 |
| 191/14-28-005-10W2/00 | 593.7 | 2775.0 | 2701.3 | deviated | 15-28-005-10W2 | 623782 | 5475357 | 623566 | 5475391 |
| 121/05-22-005-12W2/00 | 577.4 | 2440.0 | 2439.9 | vertical | 05-22-005-12W2 | 605030 | 5472525 | 605031 | 5472523 |
| 101/09-35-005-17W2/00 | 630.0 | 2835.2 | 2835.2 | vertical | 09-35-005-17W2 | 559158 | 5475576 | 559158 | 5475576 |

| | | | | | | | | | |
|-----------------------|-------|--------|--------|----------|----------------|--------|---------|--------|---------|
| 101/11-08-006-03W2/00 | 595.9 | 2631.6 | 2631.6 | vertical | 11-08-006-03W2 | 689946 | 5481808 | 689946 | 5481808 |
| 141/01-03-006-05W2/00 | 598.1 | 2257.0 | 2257.0 | vertical | 01-03-006-05W2 | 674631 | 5478963 | 674631 | 5478963 |
| 101/01-04-006-05W2/00 | 599.3 | 2236.0 | 2236.0 | vertical | 01-04-006-05W2 | 672780 | 5478725 | 672780 | 5478725 |
| 111/03-04-006-05W2/00 | 598.8 | 2230.0 | 2230.0 | vertical | 03-04-006-05W2 | 672140 | 5478704 | 672140 | 5478704 |
| 101/16-05-006-05W2/00 | 600.4 | 2250.0 | 2250.0 | vertical | 16-05-006-05W2 | 671246 | 5479963 | 671246 | 5479963 |
| 192/02-09-006-05W2/00 | 599.2 | 2669.0 | 2657.5 | deviated | 07-09-006-05W2 | 672347 | 5480667 | 672350 | 5480561 |
| 101/09-02-006-06W2/00 | 600.1 | 2590.0 | 2590.0 | vertical | 09-02-006-06W2 | 666432 | 5479438 | 666432 | 5479438 |
| 101/03-06-006-06W2/00 | 600.6 | 2885.5 | 2885.5 | vertical | 03-06-006-06W2 | 659134 | 5478365 | 659134 | 5478365 |
| 111/14-06-006-06W2/00 | 599.3 | 2722.1 | 2722.1 | vertical | 14-06-006-06W2 | 659192 | 5479516 | 659192 | 5479516 |
| 101/10-10-006-06W2/00 | 602.5 | 2065.2 | 2065.2 | vertical | 10-10-006-06W2 | 664341 | 5480994 | 664341 | 5480994 |
| 131/15-13-006-06W2/00 | 599.3 | 2227.0 | 2227.0 | vertical | 15-13-006-06W2 | 667410 | 5483127 | 667410 | 5483127 |
| 111/09-29-006-06W2/00 | 603.9 | 2655.0 | 2654.7 | vertical | 09-29-006-06W2 | 661415 | 5485660 | 661431 | 5485661 |
| 141/12-16-006-07W2/00 | 601.0 | 2309.0 | 2307.1 | deviated | 12-16-006-07W2 | 652112 | 5482311 | 652103 | 5482308 |
| 131/09-32-006-07W2/00 | 609.0 | 2282.0 | 2282.0 | vertical | 09-32-006-07W2 | 651454 | 5487250 | 651454 | 5487250 |
| 131/06-04-006-08W2/00 | 601.8 | 2376.0 | 2376.0 | vertical | 06-04-006-08W2 | 642831 | 5478417 | 642831 | 5478417 |
| 131/14-04-006-08W2/00 | 600.2 | 2369.0 | 2368.8 | vertical | 14-04-006-08W2 | 642684 | 5479236 | 642681 | 5479244 |
| 121/16-05-006-08W2/00 | 601.0 | 2384.0 | 2384.0 | vertical | 16-05-006-08W2 | 641963 | 5479045 | 641963 | 5479045 |
| 131/09-09-006-08W2/00 | 599.6 | 2356.0 | 2356.0 | vertical | 09-09-006-08W2 | 643584 | 5480495 | 643584 | 5480495 |
| 111/14-09-006-08W2/00 | 600.6 | 2367.0 | 2367.0 | vertical | 14-09-006-08W2 | 642842 | 5480690 | 642842 | 5480690 |
| 141/07-10-006-08W2/00 | 600.9 | 2368.0 | 2366.7 | deviated | 07-10-006-08W2 | 644946 | 5480100 | 644957 | 5480116 |
| 121/10-23-006-08W2/00 | 600.5 | 2311.0 | 2311.0 | vertical | 10-23-006-08W2 | 646300 | 5483626 | 646300 | 5483626 |
| 122/05-33-006-10W2/00 | 606.1 | 2036.0 | 2011.0 | deviated | 05-33-006-10W2 | 622821 | 5485998 | 622682 | 5485915 |
| 101/09-01-006-11W2/00 | 596.5 | 2750.0 | 2750.0 | vertical | 09-01-006-11W2 | 619290 | 5478212 | 619290 | 5478212 |
| 131/14-12-006-11W2/00 | 605.7 | 2763.0 | 2761.3 | vertical | 14-12-006-11W2 | 618260 | 5480260 | 618263 | 5480260 |
| 131/03-14-006-11W2/00 | 601.3 | 2729.0 | 2728.3 | vertical | 03-14-006-11W2 | 616695 | 5480741 | 616703 | 5480725 |
| 191/14-14-006-11W2/00 | 600.6 | 2835.0 | 2774.6 | deviated | 12-14-006-11W2 | 616484 | 5481453 | 616576 | 5481648 |
| 131/07-15-006-11W2/00 | 597.3 | 2855.0 | 2801.0 | deviated | 07-15-006-11W2 | 615686 | 5480941 | 615499 | 5481034 |
| 192/11-15-006-11W2/00 | 596.1 | 3029.0 | 2615.5 | vertical | 13-15-006-11W2 | 614656 | 5481571 | 615063 | 5481250 |
| 131/12-15-006-11W2/00 | 595.6 | 2695.0 | 2695.0 | vertical | 12-15-006-11W2 | 614657 | 5481501 | 614657 | 5481501 |
| 131/08-16-006-11W2/00 | 596.1 | 2738.0 | 2738.0 | vertical | 08-16-006-11W2 | 614169 | 5480981 | 614169 | 5480981 |
| 192/08-16-006-11W2/00 | 594.6 | 2905.0 | 2606.7 | vertical | 09-16-006-11W2 | 614412 | 5481250 | 614264 | 5480930 |
| 121/10-16-006-11W2/00 | 595.6 | 2748.0 | 2747.0 | deviated | 10-16-006-11W2 | 613891 | 5481171 | 613890 | 5481217 |
| 111/16-20-006-11W2/00 | 600.7 | 2719.0 | 2719.0 | vertical | 16-20-006-11W2 | 612727 | 5483128 | 612727 | 5483128 |
| 111/14-26-006-11W2/00 | 608.8 | 2711.0 | 2711.0 | vertical | 14-26-006-11W2 | 616758 | 5485008 | 616758 | 5485008 |
| 111/09-28-006-11W2/00 | 608.7 | 2923.3 | 2923.3 | vertical | 09-28-006-11W2 | 614347 | 5484541 | 614347 | 5484541 |
| 131/01-29-006-11W2/00 | 605.0 | 2752.0 | 2752.0 | vertical | 01-29-006-11W2 | 612528 | 5483870 | 612528 | 5483870 |
| 121/07-29-006-11W2/00 | 604.6 | 2809.0 | 2809.0 | vertical | 07-29-006-11W2 | 612126 | 5484061 | 612126 | 5484061 |
| 141/10-29-006-11W2/00 | 605.7 | 2820.0 | 2820.0 | vertical | 10-29-006-11W2 | 612254 | 5484689 | 612254 | 5484689 |
| 132/11-32-006-11W2/00 | 607.6 | 2845.0 | 2838.5 | deviated | 11-32-006-11W2 | 611647 | 5486146 | 611642 | 5486175 |
| 111/12-33-006-11W2/00 | 612.6 | 2748.0 | 2748.0 | vertical | 12-33-006-11W2 | 613205 | 5485946 | 613205 | 5485946 |
| 131/08-34-006-11W2/00 | 610.4 | 2788.0 | 2735.0 | deviated | 08-34-006-11W2 | 615699 | 5485661 | 615770 | 5485883 |
| 131/11-34-006-11W2/00 | 614.7 | 2841.0 | 2841.0 | vertical | 11-34-006-11W2 | 614870 | 5486372 | 614870 | 5486372 |
| 141/13-34-006-11W2/00 | 614.0 | 1950.0 | 1950.0 | vertical | 13-34-006-11W2 | 614647 | 5486616 | 614647 | 5486616 |
| 191/16-34-006-11W2/00 | 614.7 | 3027.5 | 2576.0 | vertical | 04-02-007-11W2 | 615596 | 5487053 | 615773 | 5486564 |
| 141/04-35-006-11W2/00 | 609.2 | 2750.4 | 2750.4 | vertical | 04-35-006-11W2 | 616339 | 5485499 | 616339 | 5485499 |
| 131/11-35-006-11W2/00 | 609.2 | 2743.0 | 2743.0 | vertical | 11-35-006-11W2 | 616611 | 5486220 | 616611 | 5486220 |
| 121/06-20-006-13W2/00 | 582.7 | 2918.0 | 2918.0 | vertical | 06-20-006-13W2 | 592333 | 5481903 | 592333 | 5481903 |
| 111/10-20-006-13W2/00 | 580.0 | 2375.3 | 2375.3 | vertical | 10-20-006-13W2 | 592863 | 5482449 | 592863 | 5482449 |
| 101/07-07-006-15W2/00 | 623.9 | 2435.0 | 2284.9 | vertical | 07-07-006-15W2 | 571719 | 5478560 | 571710 | 5478559 |
| 111/08-02-006-16W2/00 | 626.1 | 2849.9 | 2849.6 | vertical | 08-02-006-16W2 | 569035 | 5476791 | 569034 | 5476806 |
| 121/13-06-006-18W2/00 | 674.7 | 2084.0 | 2083.0 | deviated | 13-06-006-18W2 | 541645 | 5477367 | 541675 | 5477335 |
| 121/08-11-007-07W2/00 | 604.3 | 2232.0 | 2232.0 | vertical | 08-11-007-07W2 | 655918 | 5489875 | 655918 | 5489875 |
| 111/11-16-007-07W2/00 | 610.5 | 2636.0 | 2636.0 | vertical | 11-16-007-07W2 | 651835 | 5491807 | 651835 | 5491807 |
| 121/03-24-007-07W2/00 | 607.8 | 2635.0 | 2610.0 | deviated | 03-24-007-07W2 | 656587 | 5492964 | 656527 | 5492771 |
| 111/07-17-007-08W2/00 | 612.0 | 2286.0 | 2286.0 | vertical | 07-17-007-08W2 | 640809 | 5491149 | 640809 | 5491149 |
| 111/01-22-007-08W2/00 | 611.5 | 2263.3 | 2263.3 | vertical | 01-22-007-08W2 | 644383 | 5492473 | 644383 | 5492473 |
| 111/06-24-007-08W2/00 | 612.5 | 2257.0 | 2257.0 | vertical | 06-24-007-08W2 | 646906 | 5492946 | 646906 | 5492946 |
| 121/13-28-007-08W2/00 | 614.5 | 2485.0 | 2478.0 | deviated | 13-28-007-08W2 | 641333 | 5495303 | 641418 | 5495336 |
| 101/09-29-007-08W2/00 | 613.3 | 2518.0 | 2509.6 | vertical | 09-29-007-08W2 | 641131 | 5494909 | 641143 | 5494902 |
| 142/07-30-007-08W2/00 | 616.3 | 2279.8 | 2275.6 | vertical | 07-30-007-08W2 | 639239 | 5494383 | 639235 | 5494424 |
| 121/06-33-007-08W2/00 | 615.7 | 1825.0 | 1825.0 | vertical | 06-33-007-08W2 | 641723 | 5496170 | 641723 | 5496170 |
| 131/15-15-007-09W2/00 | 613.6 | 2708.1 | 2708.1 | vertical | 15-15-007-09W2 | 634070 | 5492110 | 634070 | 5492110 |
| 121/12-05-007-10W2/00 | 606.1 | 1919.0 | 1919.0 | vertical | 12-05-007-10W2 | 620386 | 5487817 | 620394 | 5487836 |
| 131/14-13-007-10W2/00 | 604.3 | 2552.5 | 2551.5 | vertical | 14-13-007-10W2 | 627187 | 5491812 | 627173 | 5491805 |
| 121/07-02-007-11W2/00 | 609.4 | 2821.0 | 2821.0 | vertical | 07-02-007-11W2 | 616310 | 5487278 | 616310 | 5487278 |
| 101/12-02-007-11W2/00 | 612.2 | 2752.4 | 2752.4 | vertical | 12-02-007-11W2 | 615482 | 5487731 | 615482 | 5487731 |
| 141/13-02-007-11W2/00 | 610.9 | 2000.0 | 2000.0 | vertical | 13-02-007-11W2 | 615470 | 5488153 | 615470 | 5488153 |
| 142/13-02-007-11W2/00 | 611.1 | 2711.0 | 2698.9 | deviated | 13-02-007-11W2 | 615566 | 5488234 | 615506 | 5488311 |
| 111/07-03-007-11W2/00 | 611.5 | 2744.0 | 2744.0 | vertical | 07-03-007-11W2 | 614773 | 5487300 | 614773 | 5487300 |
| 101/08-03-007-11W2/00 | 614.5 | 2815.0 | 2815.0 | vertical | 08-03-007-11W2 | 615073 | 5487432 | 615073 | 5487432 |
| 121/16-03-007-11W2/00 | 615.8 | 2709.0 | 2709.0 | vertical | 16-03-007-11W2 | 614915 | 5487995 | 614915 | 5487995 |
| 121/16-09-007-11W2/00 | 613.7 | 2880.0 | 2880.0 | vertical | 16-09-007-11W2 | 613284 | 5489749 | 613284 | 5489749 |
| 141/02-10-007-11W2/00 | 609.5 | 2744.0 | 2744.0 | vertical | 02-10-007-11W2 | 614829 | 5488723 | 614829 | 5488723 |
| 121/03-11-007-11W2/00 | 610.3 | 1935.0 | 1935.0 | vertical | 03-11-007-11W2 | 615725 | 5488532 | 615725 | 5488532 |
| 131/11-12-007-11W2/00 | 607.1 | 1895.0 | 1895.0 | vertical | 11-12-007-11W2 | 617463 | 5489625 | 617463 | 5489625 |

| | | | | | | | | | |
|-----------------------|-------|--------|--------|----------|-----------------|--------|---------|--------|---------|
| 141/06-14-007-11W2/00 | 609.0 | 1903.1 | 1903.1 | vertical | 06-14-007-11W2 | 615991 | 5490790 | 615991 | 5490790 |
| 131/08-18-007-11W2/00 | 617.6 | 2627.0 | 2627.0 | vertical | 08-18-007-11W2 | 610124 | 5490662 | 610124 | 5490662 |
| 111/15-20-007-11W2/00 | 615.2 | 2757.0 | 2757.0 | vertical | 15-20-007-11W2 | 611365 | 5492838 | 611365 | 5492838 |
| 111/12-21-007-11W2/00 | 614.5 | 2703.0 | 2703.0 | vertical | 12-21-007-11W2 | 612282 | 5492421 | 612282 | 5492421 |
| 131/01-29-007-12W2/00 | 603.4 | 2662.0 | 2662.0 | vertical | 01-29-007-12W2 | 601809 | 5493231 | 601809 | 5493231 |
| 121/10-02-007-13W2/00 | 578.9 | 2330.0 | 2330.0 | vertical | 10-02-007-13W2 | 596640 | 5487344 | 596640 | 5487344 |
| 121/08-06-007-15W2/00 | 594.5 | 2714.3 | 2714.3 | vertical | 08-06-007-15W2 | 570839 | 5486537 | 570839 | 5486537 |
| 111/04-27-007-15W2/00 | 583.3 | 2344.6 | 2302.4 | deviated | 04-27-007-15W2 | 574629 | 5492802 | 574666 | 5492583 |
| 101/05-31-007-15W2/00 | 584.0 | 2599.9 | 2599.9 | vertical | 05-31-007-15W2 | 569667 | 5494708 | 569667 | 5494708 |
| 101/16-35-007-18W2/00 | 659.5 | 2245.0 | 2245.0 | vertical | 16-35-007-18W2 | 548015 | 5495270 | 548015 | 5495270 |
| 121/10-03-008-05W2/00 | 603.9 | 2475.0 | 2475.0 | vertical | 10-03-008-05W2 | 673057 | 5499015 | 673057 | 5499015 |
| 141/11-06-008-06W2/00 | 618.2 | 2166.2 | 2166.2 | vertical | 11-06-008-06W2 | 658186 | 5498609 | 658186 | 5498609 |
| 131/15-20-008-08W2/00 | 621.7 | 2602.0 | 2589.1 | deviated | 05-20-008-08W2 | 640344 | 5503292 | 640379 | 5503400 |
| 141/07-24-008-09W2/00 | 617.0 | 2578.0 | 2578.0 | vertical | 07-24-008-09W2 | 637320 | 5502540 | 637320 | 5502540 |
| 131/16-20-008-10W2/00 | 614.5 | 2575.0 | 2575.0 | vertical | 16-20-008-10W2 | 621234 | 5502942 | 621234 | 5502942 |
| 141/09-23-008-10W2/00 | 615.2 | 2585.0 | 2584.8 | vertical | 09-23-008-10W2 | 626268 | 5502673 | 626265 | 5502664 |
| 101/10-31-008-10W2/00 | 615.9 | 2600.0 | 2600.0 | vertical | 01-31-008-10W2 | 622965 | 5503342 | 622965 | 5503342 |
| 111/15-30-008-10W2/00 | 613.9 | 2578.0 | 2577.7 | vertical | 15-30-008-10W2 | 619356 | 5504351 | 619356 | 5504333 |
| 131/02-32-008-10W2/00 | 615.2 | 2588.0 | 2588.0 | vertical | 02-32-008-10W2 | 620767 | 5504954 | 620767 | 5504954 |
| 111/14-12-008-13W2/00 | 608.8 | 2252.0 | 2252.0 | vertical | 14-12-008-13W2 | 597769 | 5499034 | 597769 | 5499034 |
| 141/08-22-008-13W2/00 | 605.1 | 2475.0 | 2475.0 | vertical | 08-22-008-13W2 | 595319 | 5501632 | 595324 | 5501640 |
| 131/09-22-008-13W2/00 | 603.1 | 2240.0 | 2240.0 | vertical | 09-22-008-13W2 | 595182 | 5502053 | 595182 | 5502053 |
| 121/05-23-008-13W2/00 | 603.3 | 2620.0 | 2620.0 | vertical | 05-23-008-13W2 | 595618 | 5501485 | 595618 | 5501485 |
| 111/03-27-008-13W2/00 | 602.5 | 2515.3 | 2514.9 | deviated | 03-27-008-13W2 | 594500 | 5502733 | 594501 | 5502725 |
| 111/11-33-008-13W2/00 | 602.8 | 2557.0 | 2553.4 | vertical | 01-33-008-13W2 | 593642 | 5504294 | 593637 | 5504315 |
| 111/16-33-008-13W2/00 | 603.6 | 2580.0 | 2580.0 | vertical | 16-33-008-13W2 | 593571 | 5505471 | 593571 | 5505471 |
| 141/13-34-008-13W2/00 | 604.4 | 2490.0 | 2490.0 | vertical | 13-34-008-13W2 | 594145 | 5505596 | 594145 | 5505596 |
| 101/06-02-008-19W2/00 | 653.9 | 1994.3 | 1994.3 | vertical | 06-02-008-19W2 | 537418 | 5496012 | 537418 | 5496012 |
| 131/06-18-009-06W2/00 | 626.8 | 2442.5 | 2442.5 | vertical | 06-18-009-06W2 | 657745 | 5511268 | 657745 | 5511268 |
| 141/14-32-009-09W2/00 | 633.6 | 2532.2 | 2519.5 | deviated | 14-32-009-09W2 | 629988 | 5516069 | 630131 | 5516102 |
| 132/13-36-009-09W2/00 | 625.8 | 2462.0 | 2461.2 | vertical | 13-36-009-09W2 | 635972 | 5516280 | 635967 | 5516287 |
| 141/08-17-009-10W2/00 | 616.2 | 2551.5 | 2551.5 | vertical | 08-17-009-10W2 | 621183 | 5510349 | 621183 | 5510349 |
| 142/11-24-009-10W2/00 | 615.2 | 2608.0 | 2608.0 | vertical | 11-24-009-10W2 | 626937 | 5512445 | 626937 | 5512445 |
| 111/12-07-009-12W2/00 | 618.0 | 2195.0 | 2195.0 | vertical | 12-07-009-12W2 | 598948 | 5508363 | 598948 | 5508363 |
| 141/10-12-009-12W2/00 | 610.6 | 2542.0 | 2469.7 | deviated | 10-12-009-12W2 | 607623 | 5508760 | 607843 | 5508834 |
| 121/12-22-009-12W2/00 | 609.8 | 2455.0 | 2455.0 | vertical | 12-22-009-12W2 | 603525 | 5511760 | 603525 | 5511760 |
| 111/10-03-009-13W2/00 | 605.7 | 2485.0 | 2485.0 | vertical | 11-03-009-13W2 | 594405 | 5505971 | 594405 | 5505971 |
| 141/08-03-009-13W2/00 | 611.0 | 2558.0 | 2558.0 | vertical | 08-03-009-13W2 | 595202 | 5506489 | 595202 | 5506489 |
| 111/12-28-009-13W2/00 | 618.3 | 2195.0 | 2195.0 | vertical | 12-28-009-13W2 | 592262 | 5513188 | 592262 | 5513188 |
| 121/04-01-009-14W2/00 | 594.1 | 2242.0 | 2242.0 | vertical | 04-01-009-14W2 | 587292 | 5505885 | 587292 | 5505885 |
| 141/12-01-010-09W2/00 | 626.3 | 2438.6 | 2438.6 | vertical | 12-01-010-09W2 | 636189 | 5517446 | 636189 | 5517446 |
| 191/07-02-010-09W2/00 | 625.3 | 2462.0 | 2448.9 | deviated | 10-02-010-09W2 | 635079 | 5517236 | 635081 | 5517129 |
| 131/08-16-010-10W2/00 | 620.5 | 2075.0 | 2075.0 | vertical | 08-16-010-10W2 | 622403 | 5520063 | 622403 | 5520063 |
| 121/09-04-010-11W2/00 | 616.0 | 2557.3 | 2557.3 | vertical | 09-04-010-11W2 | 612652 | 5516840 | 612652 | 5516840 |
| 191/08-06-010-15W2/00 | 574.9 | 2545.0 | 2474.4 | deviated | 09-06-010-15W2 | 570550 | 5516037 | 570548 | 5515829 |
| 121/03-10-010-15W2/00 | 580.8 | 2495.0 | 2495.0 | vertical | 03-10-010-15W2 | 574539 | 5516983 | 574539 | 5516981 |
| 101/16-14-010-17W2/00 | 584.2 | 2445.7 | 2445.7 | vertical | 16-14-010-17W2 | 557544 | 5519664 | 557544 | 5519664 |
| 121/05-11-011-14W2/00 | 604.5 | 2436.0 | 2435.7 | vertical | 05-11-011-14W2 | 584418 | 5527230 | 584427 | 5527220 |
| 33-023-00171-00-00 | 584.6 | 3608.8 | 3608.8 | vertical | SESW 18-163-95 | 641916 | 5422554 | 641916 | 5422554 |
| 33-023-00177-00-00 | 592.5 | 3444.2 | 3444.2 | vertical | SWSW 24-163-97 | 630330 | 5420659 | 630330 | 5420659 |
| 33-023-00189-00-00 | 660.5 | 3505.2 | 3505.2 | vertical | NWNW 22-162-101 | 588887 | 5411477 | 588887 | 5411477 |
| 33-023-00216-00-00 | 666.0 | 3389.4 | 3389.4 | vertical | NWNW 20-163-102 | 575736 | 5420874 | 575736 | 5420874 |
| 33-023-00221-00-00 | 604.4 | 3459.5 | 3459.5 | vertical | NWNW 10-163-98 | 617352 | 5424808 | 617352 | 5424808 |
| 33-023-00223-00-00 | 648.3 | 3365.6 | 3365.6 | vertical | NWNE 21-163-98 | 616612 | 5421571 | 616612 | 5421571 |
| 33-023-00224-00-00 | 603.5 | 3504.0 | 3224.0 | vertical | SESW 33-164-98 | 616093 | 5426792 | 616388 | 5426991 |
| 33-023-00233-00-00 | 589.8 | 3293.4 | 3293.4 | vertical | SWNE 11-163-97 | 629440 | 5424680 | 629440 | 5424680 |
| 33-023-00234-00-00 | 590.7 | 3305.6 | 3305.6 | vertical | SESW 33-164-97 | 625756 | 5427002 | 625756 | 5427002 |
| 33-023-00251-00-00 | 643.1 | 2697.5 | 2697.5 | vertical | SWNE 14-163-99 | 610193 | 5422696 | 610193 | 5422696 |
| 33-023-00253-00-00 | 629.4 | 3332.1 | 3332.1 | vertical | NWSE 3-163-99 | 608530 | 5425440 | 608530 | 5425440 |
| 33-023-00261-00-00 | 647.7 | 3316.5 | 3316.5 | vertical | SENE 28-163-102 | 578369 | 5418919 | 578369 | 5418919 |
| 33-023-00307-00-00 | 676.4 | 3374.1 | 3374.1 | vertical | NWNW 27-163-101 | 588558 | 5419445 | 588558 | 5419445 |
| 33-023-00313-00-00 | 644.7 | 3316.2 | 3316.2 | vertical | NWNW 25-163-102 | 582211 | 5419210 | 582211 | 5419210 |
| 33-023-00317-00-00 | 654.4 | 3291.8 | 3291.8 | vertical | NENE 13-163-102 | 583322 | 5422618 | 583322 | 5422618 |
| 33-023-00327-00-00 | 683.4 | 3384.2 | 3384.2 | vertical | SWNE 30-163-100 | 594340 | 5419196 | 594340 | 5419196 |
| 33-023-00340-00-00 | 611.4 | 3017.8 | 3017.8 | vertical | SWNW 31-163-97 | 622283 | 5418011 | 622283 | 5418011 |
| 33-023-00387-00-00 | 580.6 | 2874.3 | 2874.3 | vertical | NESW 6-163-95 | 641813 | 5426187 | 641813 | 5426187 |
| 33-023-00445-00-00 | 630.6 | 3435.7 | 3435.7 | vertical | SWSE 9-162-96 | 636000 | 5414183 | 636000 | 5414183 |
| 33-023-00459-00-00 | 662.6 | 2612.1 | 2612.1 | vertical | NENW 8-163-100 | 595143 | 5424212 | 595143 | 5424212 |
| 33-023-00460-00-00 | 645.6 | 2651.8 | 2651.8 | vertical | SWSW 7-163-99 | 603052 | 5423456 | 603052 | 5423456 |
| 33-023-00741-00-00 | 670.0 | 2682.2 | 2682.2 | vertical | SWSE 8-163-100 | 595875 | 5423211 | 595875 | 5423211 |

- 19 wells with brine samples analysed for lithium concentration in the project area.

| Well ID | Reference Elevation - Kelly Bushing (m) | Measured Depth (m) | True Vertical Depth (m) | Vertical or Deviated Well | Surface Location | Surface Hole Easting (NAD83) | Surface Hole Northing (NAD83) | Bottom Hole Easting (NAD83) | Bottom Hole Northing (NAD83) |
|-----------------------|---|--------------------|-------------------------|---------------------------|------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|
| 103/01-02-001-12W2/00 | 618.6 | 3731 | 3731 | vertical | 01-02-001-12W2 | 609801.4 | 5428760 | 609801.4 | 5428760 |
| 101/14-33-002-12W2/00 | 598 | 2421 | 2421 | vertical | 14-33-002-12W2 | 605332.5 | 5447568 | 605332.5 | 5447568 |
| 121/09-13-002-22W2/00 | 761.3 | 3270.1 | 3270.1 | vertical | 09-13-002-22W2 | 513400.5 | 5441333 | 513400.5 | 5441333 |
| 141/16-20-003-12W2/00 | 593.3 | 2374 | 2374 | vertical | 16-20-003-12W2 | 603468.3 | 5454117 | 603463.2 | 5454116 |
| 101/04-19-004-08W2/00 | 587.2 | 2476 | 2476 | vertical | 04-19-004-08W2 | 639532.5 | 5463307 | 639532.5 | 5463307 |
| 141/01-22-004-19W2/00 | 755.6 | 3075 | 3075 | vertical | 01-22-004-19W2 | 538242.9 | 5461757 | 538242.9 | 5461757 |
| 111/02-05-005-21W2/00 | 754.6 | 2879 | 2862.8 | deviated | 02-05-005-21W2 | 514973.6 | 5466460 | 515093.8 | 5466344 |
| 101/07-27-007-06W2/03 | 612 | 1732.5 | 1732.5 | vertical | 07-27-007-06W2 | 663558.7 | 5495102 | 663558.7 | 5495102 |
| 101/02-22-007-09W2/00 | 614.9 | 1941 | 1940.7 | vertical | 02-22-007-09W2 | 634094.7 | 5492296 | 634094.6 | 5492301 |
| 141/13-02-007-11W2/00 | 610.9 | 2000 | 2000 | vertical | 13-02-007-11W2 | 615469.8 | 5488153 | 615469.8 | 5488153 |
| 121/09-03-007-11W2/00 | 614.5 | 1932 | 1932 | vertical | 09-03-007-11W2 | 615059.5 | 5487701 | 615059.5 | 5487701 |
| 141/14-12-007-11W2/00 | 606.8 | 1902 | 1900.9 | vertical | 14-12-007-11W2 | 617572.5 | 5489933 | 617576.8 | 5489935 |
| 121/10-03-008-05W2/00 | 603.9 | 2475 | 2475 | vertical | 10-03-008-05W2 | 673057 | 5499015 | 673057 | 5499015 |
| 101/14-36-008-13W2/00 | 615.3 | 2581 | 2581 | vertical | 14-36-008-13W2 | 597644.8 | 5505630 | 597644.8 | 5505630 |
| 111/11-02-009-13W2/00 | 613.5 | 2593 | 2590.4 | vertical | 11-02-009-13W2 | 596055 | 5506763 | 596033.9 | 5506773 |
| 141/11-17-009-21W2/00 | 764.5 | 2624 | 2624 | vertical | 11-17-009-21W2 | 513002.8 | 5509358 | 513002.8 | 5509358 |
| 33-023-00259-00-00 | 704.4 | 3587.8 | 3587.8 | vertical | SESW 8-161-99 | 605305 | 5404070 | 605305 | 5404070 |
| 33-023-00273-00-00 | 698.6 | 2910.8 | 2910.8 | vertical | SENW 8-161-99 | 605239.6 | 5404887 | 605239.6 | 5404887 |
| 33-023-00327-00-00 | 683.4 | 3384.2 | 3384.2 | vertical | SWNE 30-163-100 | 594340.3 | 5419196 | 594340.3 | 5419196 |

Figure 1: Location map of Arizona Lithium’s Prairie Project Property illustrating major infrastructure (primary roads, rail, highline power transmission lines)

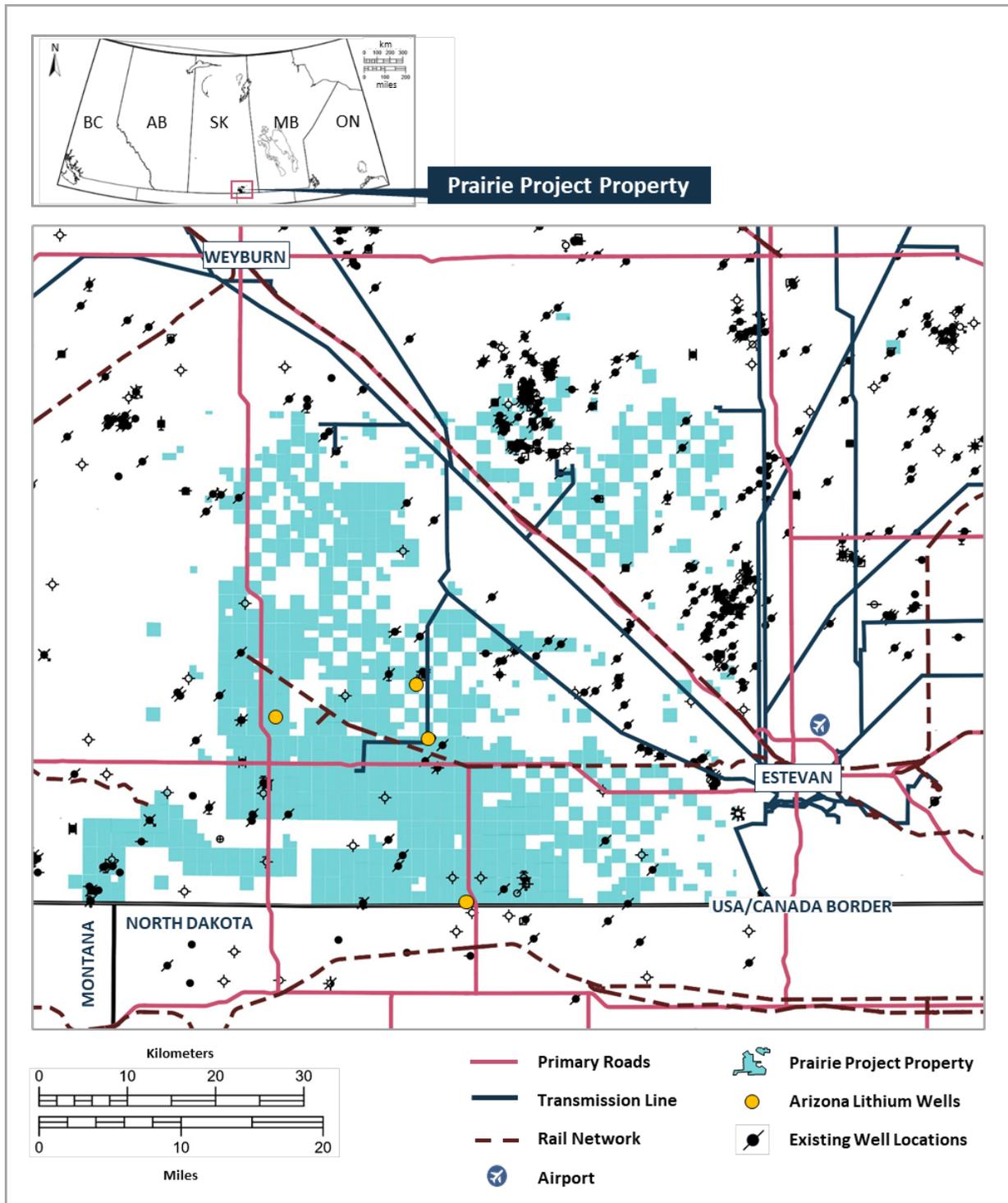


Figure 2: Location map of Arizona Lithium’s Prairie Project Property including secondary roads

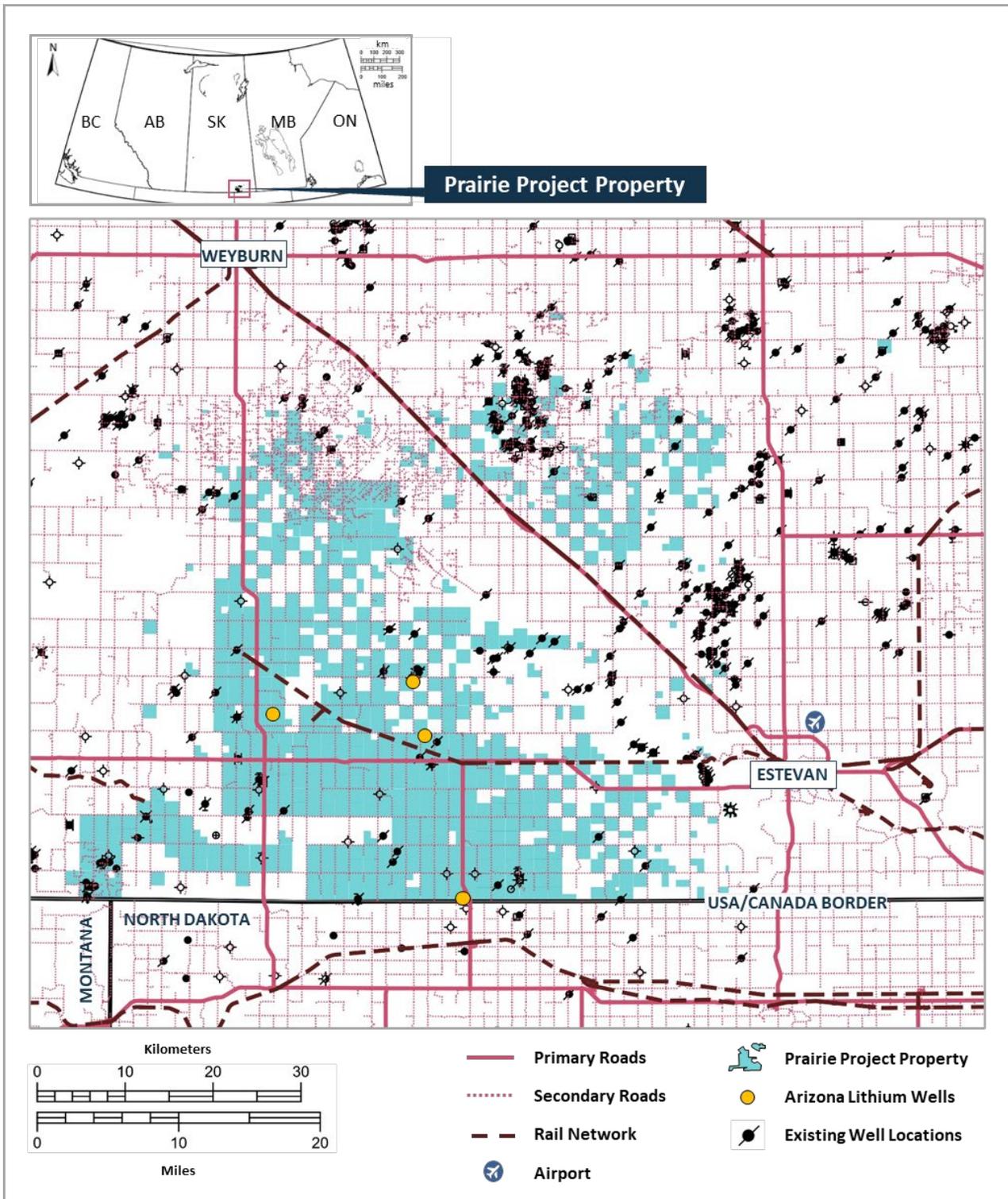


Figure 3: Wells with Lithium Concentration Data surrounding Arizona Lithium's Prairie Project

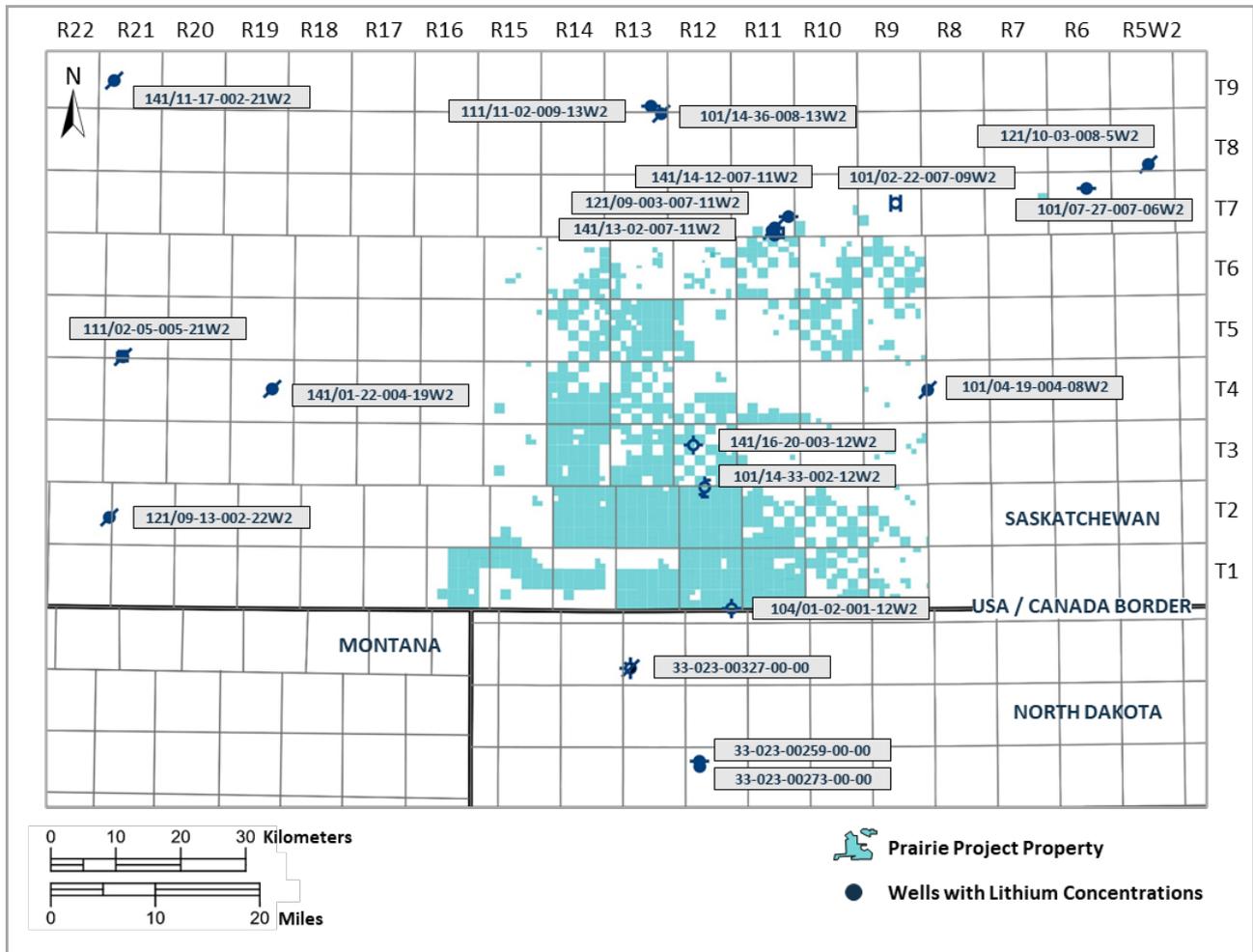


Figure 4: Wells drilled through the Duperow Formation with Petrophysical Evaluations completed for the Resource Assessment (279 wells)

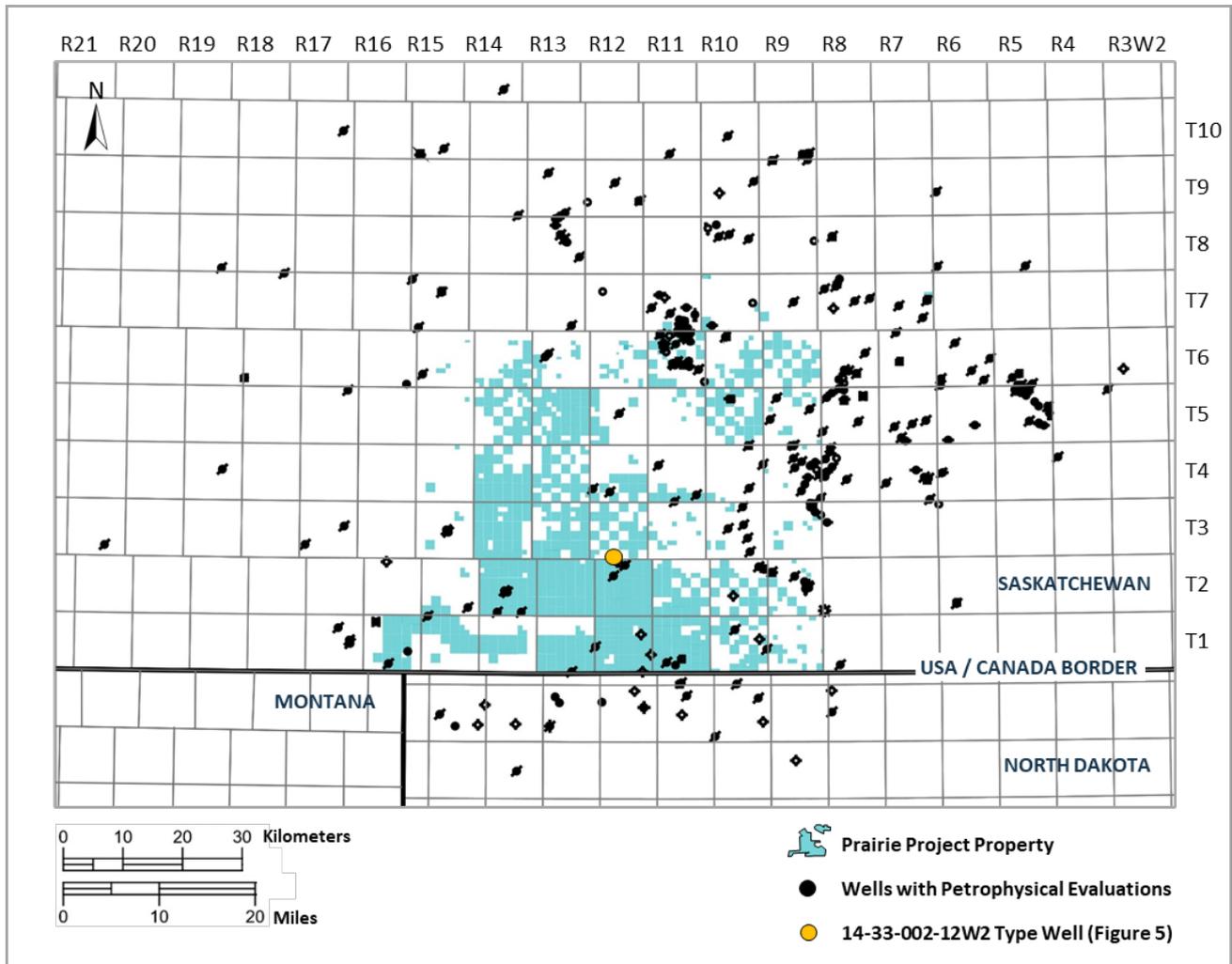


Figure 5: Stratigraphy of the Duperow Formation used in the Resource Assessment illustrated on well 101/14-33-002-12W2.

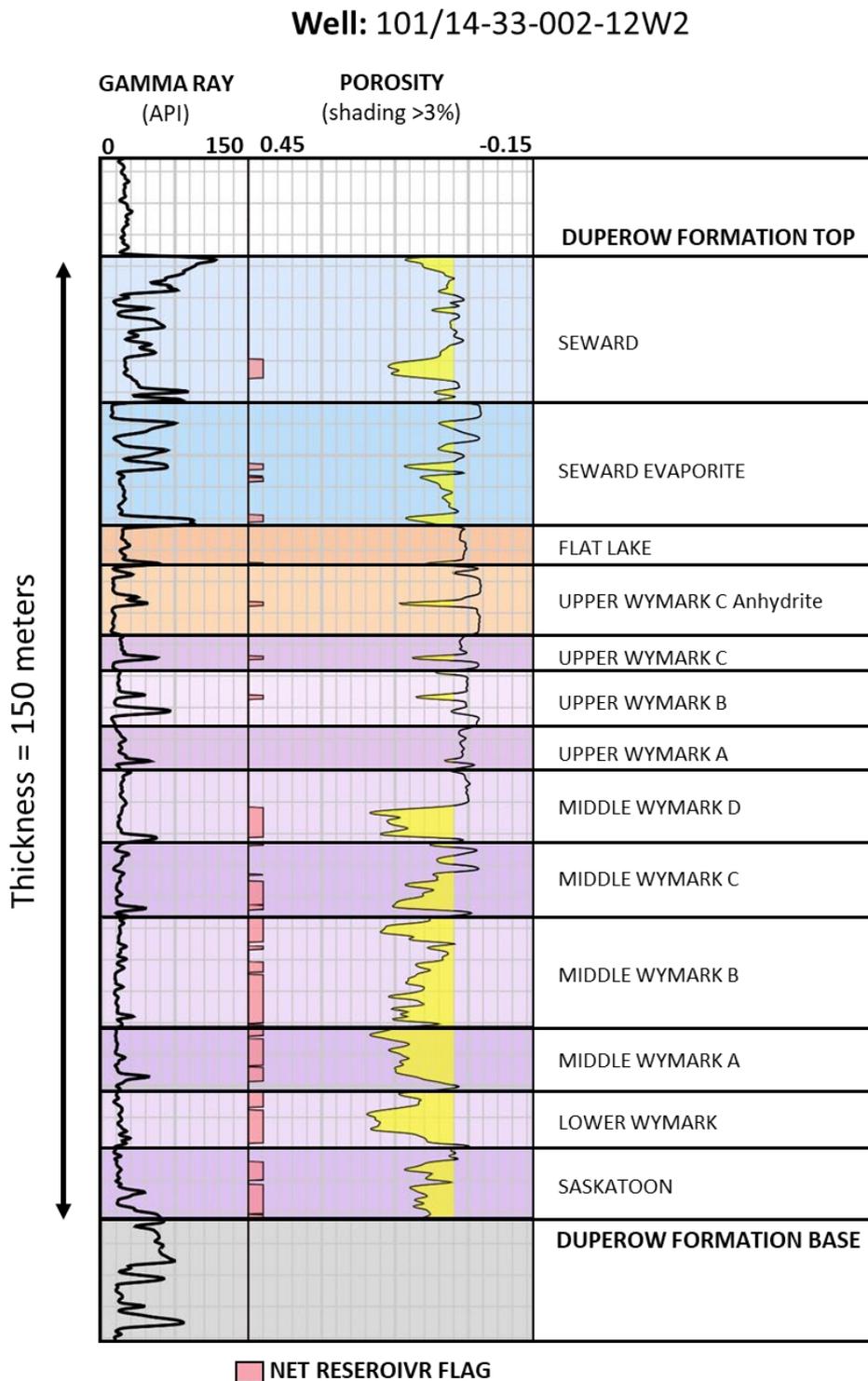


Figure 7: West to East Cross Section Across the Property

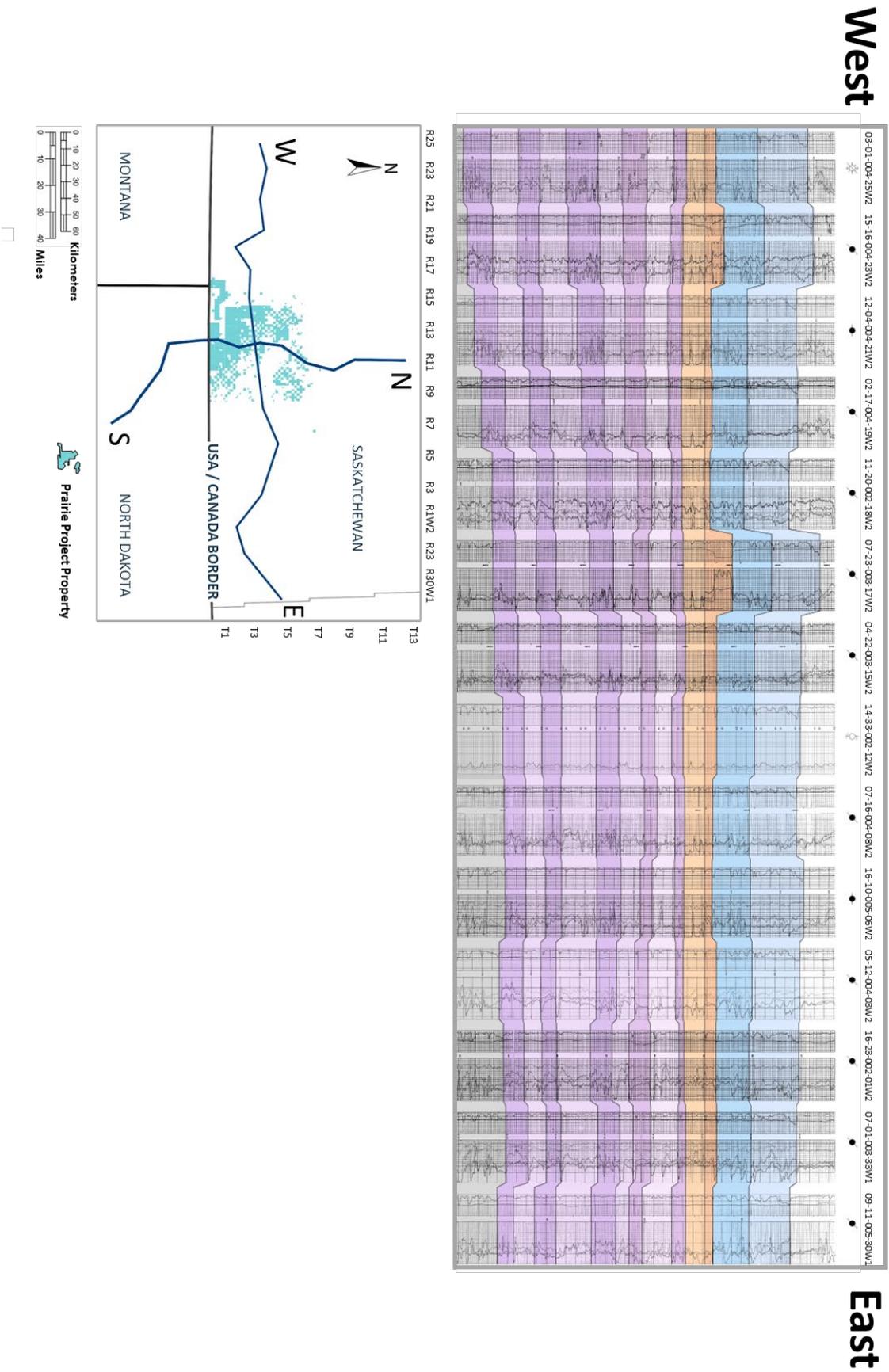


Figure 8: North to South Cross Section Across the Property.

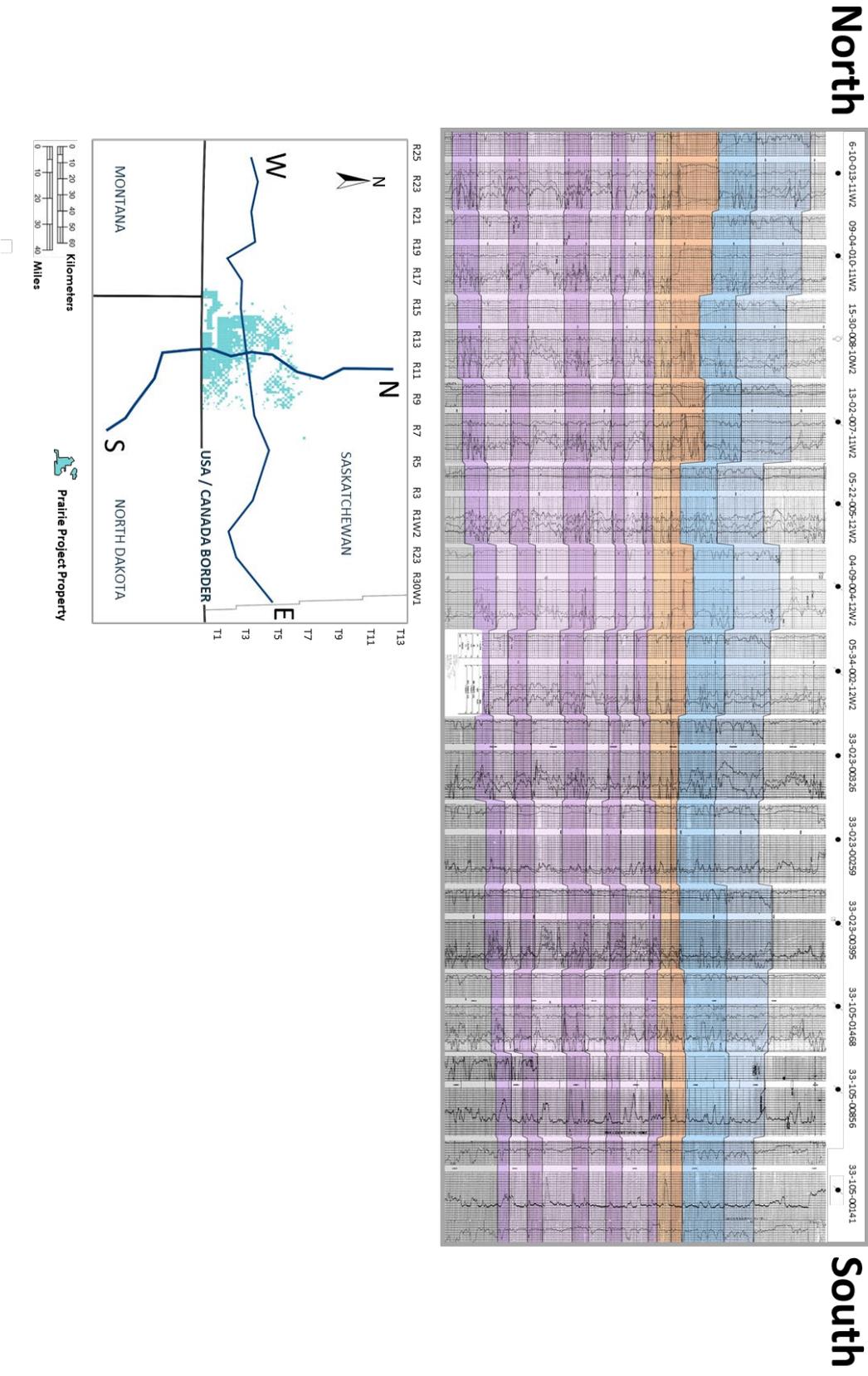


Table 1: Representative lithium concentrations within the Indicated Resource area based on the mass volume and brine volume estimates

| Stratigraphic Interval | Representative Lithium Concentration (mg/L) |
|--------------------------|---|
| Seward | 99 |
| Seward Evaporite | 98 |
| Flat Lake Evaporite | 96 |
| Upper Wymark C Anhydrite | 162 |
| Upper Wymark C | 160 |
| Upper Wymark B | 159 |
| Upper Wymark A | 159 |
| Middle Wymark D | 144 |
| Middle Wymark C | 136 |
| Middle Wymark B | 117 |
| Middle Wymark A | 96 |
| Lower Wymark | 69 |
| Saskatoon Member | 49 |