ASX ANNOUNCEMENT
ASX: APC

13 October 2022

Strategic Tenement Application Package to Expand Lake Wells

- **Tenement applications lodged over balance of Lake Wells' salt lake and palaeochannel system**
- **Total area of Lake Wells SOP Project (LSOP) will increase on grant by more than 175% to 1,905km^2**
- **Existing LSOP JORC Measured Mineral Resource Estimate (MRE) of 18.1Mt of SOP at 7.59kg/m^3 [i] contained within the 305km^2 of the LSOP granted Mining Leases**
- **Standard application process incurring minimal cost: timeline to grant in line with LSOP schedule**

Australian Potash Limited (ASX: APC) (**APC** or the **Company**) is pleased to advise that tenement applications have been lodged covering large areas of Lake Wells that are contiguous to the Lake Wells SOP Project. The application area was previously held by Salt Lake Potash Limited (ASX: SO4) (**SO4**).

APC reports an Exploration Target over the application area, named Lake Wells East (**LWE**), of between 9.5Mt and 24Mt of SOP. The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and there is no certainty that further exploration work will result in the estimation of a Mineral Resource.

Australian Potash Managing Director and CEO, Matt Shackleton, said: "The LSOP already holds the largest Australian Measured SOP Resource of over 18 million tonnes[i]. We have taken the opportunity to potentially more than double the scale of the LSOP at minimal cost to our shareholders. The previous owner disclosed an MRE[ii] based upon a shallow trenching model, whereas the LSOP is defined by its low risk borefield abstraction strategy, which allows us to estimate resources to a greater depth, providing more 'ore'.

"The existing LSOP development carries an NPV of over A$1Bn[1]. The enormous scale that the LSOP can grow to with the addition of 1,200km^2 of contiguous ground, over which we estimate an Exploration Target of between 9.5Mt and 24Mt of SOP, is clear. There is potential for the LSOP to become the largest shovel ready solar SOP project on the planet.

"Western Australia is developing into the world's frontier potash province, with SOP now being produced in WA, the LSOP at shovel ready stage and several other projects from early-stage exploration to final permitting. Recently, there have been commercial transactions in the local and global SOP space that reflect the enormous value operating SOP projects can create.

Our main focus is the development of the LSOP, however we are planning to move to a definitive feasibility study on a combined, larger, expansion operation within 3 years."

[1] Refer ASX Announcement 21 September 2022 *'Increased Production Delivers Superior Economic Outcomes for World Scale LSOP'*. That announcement contains the relevant statements, data and consents referred to in this announcement. APC, its directors, officers and agents: 1. Are not aware of any new information that materially affects the information contained in the 21 September 2022 announcement; and 2. State that the material assumptions and technical parameters underpinning the estimates in the 21 September 2022 announcement continue to apply and have not materially changed.

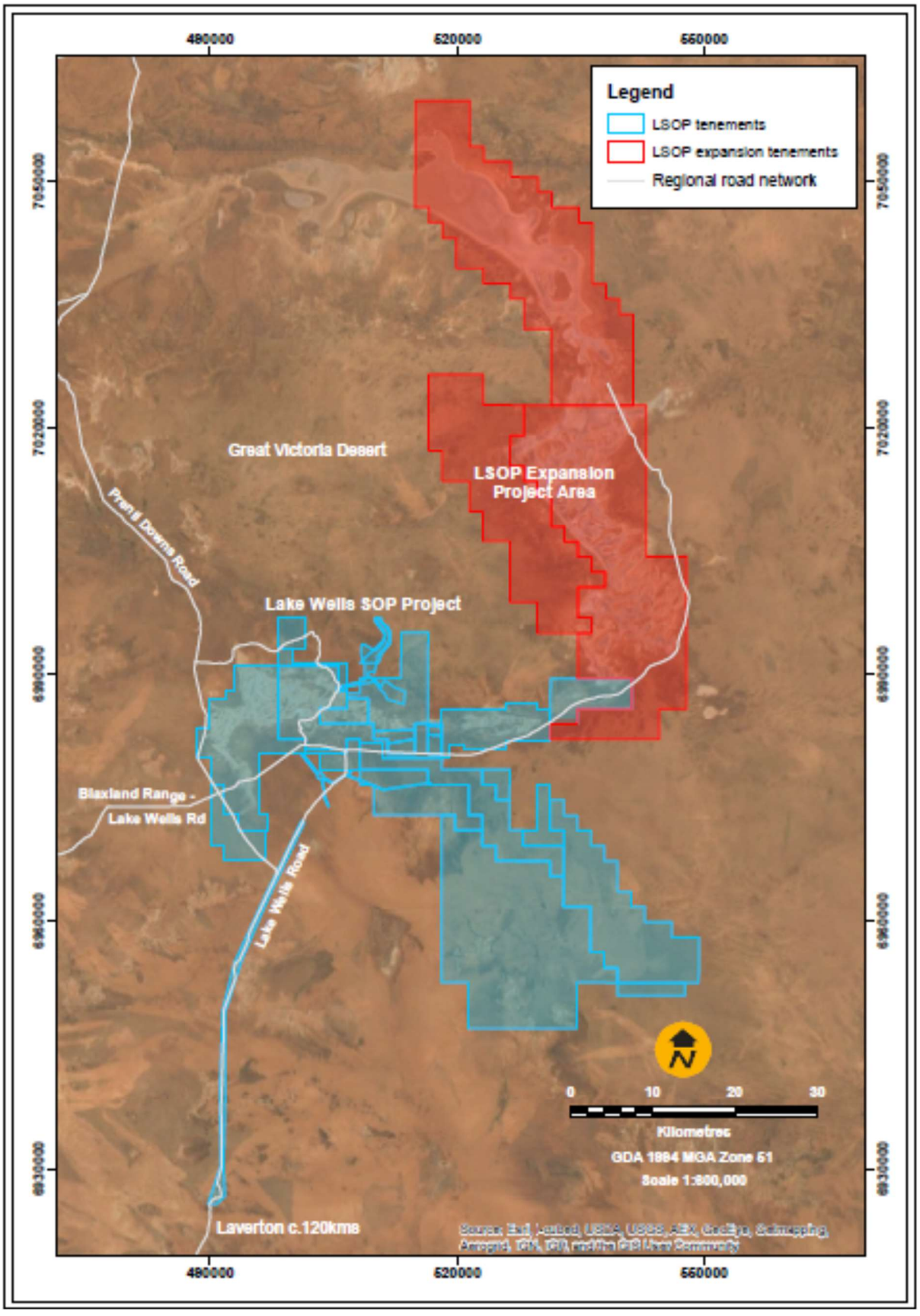


Figure 1: The Lake Wells SOP Project tenure expanded by 1,212km^2 to 1,905km^2

Mineral Resource Potential

On 22 February 2016, previous LWE owner SO4 announced a JORC-compliant Mineral Resource of SOP on a total porosity basis (**SO4 MRE**).

The JORC Code stipulates that only the mined elements can be estimated[2], being potassium (**K**) and sulphate (**SO_4**), and only the recoverable portion of the ore, which in a brine project is referred to as the drainable porosity or Specific Yield (**Sy**). As the SO4 MRE did not include any Sy parameters, APC intends to estimate its own MRE for the LWE area.

The SO4 MRE utilised an average depth of only 52m and focused on a trenching model for brine abstraction. APC intends to target the basal sand where indications are that the depth to basement is around 110m to 120m. Using a borefield brine abstraction process creates significant scope for a larger Resource due to the greater thickness of palaeovalley sediments. In estimating an Exploration Target for LWE (see below), a thalweg of 120km has been interpreted from the reviewed geophysical data, where available drilling, and analogous LSOP MRE, support total depth of 110m to 120m.

The Company has work plans that will focus on estimating an MRE using a borefield abstraction model. The experience and techniques developed at the LSOP are directly applicable to LWE, and this will reduce the time and expense in developing the Resource with dedicated exploration.

Previous work completed at LWE allows APC to leverage off and streamline exploration efforts. Of primary importance are the completed drill programs, including two production bores, and geophysical data capture. Future work programs include gathering available drill data to be added to a consolidated database. The existing geophysical data can be integrated with APC data and processed to generate a consistent interpretation across the whole palaeovalley system and identify areas for infill data collection. Test pumping data can be interrogated for comparable sustainable yield estimation, and future drilling planned where suitable samples can be gathered for Sy estimation prior to any Resource calculation.

Exploration Target

In compliance with JORC 2012 and the recently adopted Guidelines for Resource and Reserve Estimation for Brines 2019, APC is reporting an Exploration Target (**ET**) in terms of gravity recoverable brine as estimated by the Sy of the host lithology. The ET of between 4.3 Mt and 10.7 Mt of potassium is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

The target relates to the amount of potassium that may be abstracted from the estimated aquifers and used in the production of SOP. The measured potassium content in brine can be expressed in units of sulphate of potash (SOP or K_2SO_4) by multiplying by 2.23 and assuming complete conversion and no limiting reagent. On this basis, the ET of between 4.3 Mt and 10.7 Mt of potassium results in 9.5 Mt to 23.9Mt of SOP. APC has therefore delineated a substantial target on which to base the necessary exploration and further planning.

[2] It is permissible to summarise the contained SOP in a JORC MRE by applying a conversion factor of 2.23 to the contained K values.

The ET is a static estimate: it represents the volume of potentially recoverable brine that is contained within the defined aquifers. The ET also takes no account of recharge to the upper-most aquifer which is a modifying factor that may increase brine recovery from this unit.

The ET covers the four key parameters as outlined in the brine resource guidelines:

- Determination of the Sy of the brine-aquifer;
- Definition of the brine-aquifer geometry;
- Determination of the concentration of the elements of interest; and
- Determination of appropriate boundaries for the ET.

Data used to estimate the Exploration Target

The ET was based on the results of 74 legacy drill holes completed by SO4 and MB Exploration Pty Ltd between 2015 and 2018, for a total of 6,052m of drilling, averaging 81.7m deep and with a maximum depth of 137m. Legacy surface auger sampling from 32 holes of the surficial sediments has also been used to inform brine grade and sediment type in the estimation. The data and geological interpretations for each of the hydrostratigraphic units which are continuous with the adjacent LSOP MRE were reviewed.

Gravity and passive seismic data are routinely used to define the subsurface shape and form the basis of the estimation of sediment and brine volumes. SO4 reported the collection of 46 gravity lines comprising 2,147 stations spaced 50m to 200m apart. In addition, passive seismic data was used as a secondary geophysical tool to correlate the gravity and provide a more robust model. Eleven passive seismic lines spanning 30km were completed on priority lines identified by the gravity survey. The final merged residual gravity data as presented by SO4[iv] has been used as the basis for thalweg interpretation and is presented in Figure 2. The thalweg interpreted from the geophysical data is continuous with the thalweg for the LSOP MRE and extends for over 120km within the tenement application area.

Legacy drilling largely focused on the surficial sediments though numerous holes intercepted basal sand and underlaying basement rocks. Due to the variability in the thickness of the stratigraphic units a range has been used in the ET, as detailed below in Table 1.

Grade for the high ET was extracted from the SO4 MRE as disclosed on 22 February 2016, where data QAQC has been reported to a level consistent with a Measured Mineral Resource. Grade for the low ET was extracted from the publicly available drill data recovered from WAMEX, and included as Appendix 1 and Appendix 2. All grades are reported as a grade weighted average within the selected hydrostratigraphic unit.

Where no direct measurement of porosity and Sy is available then analogy to nearby resources, and similar deposits globally, can provide a reasonable basis for estimation. As the LWE is continuous with the LSOP it is considered that similar units in both areas will have similar properties and that the LSOP porosity and specific yield parameters form the basis for estimation of an ET at LWE.

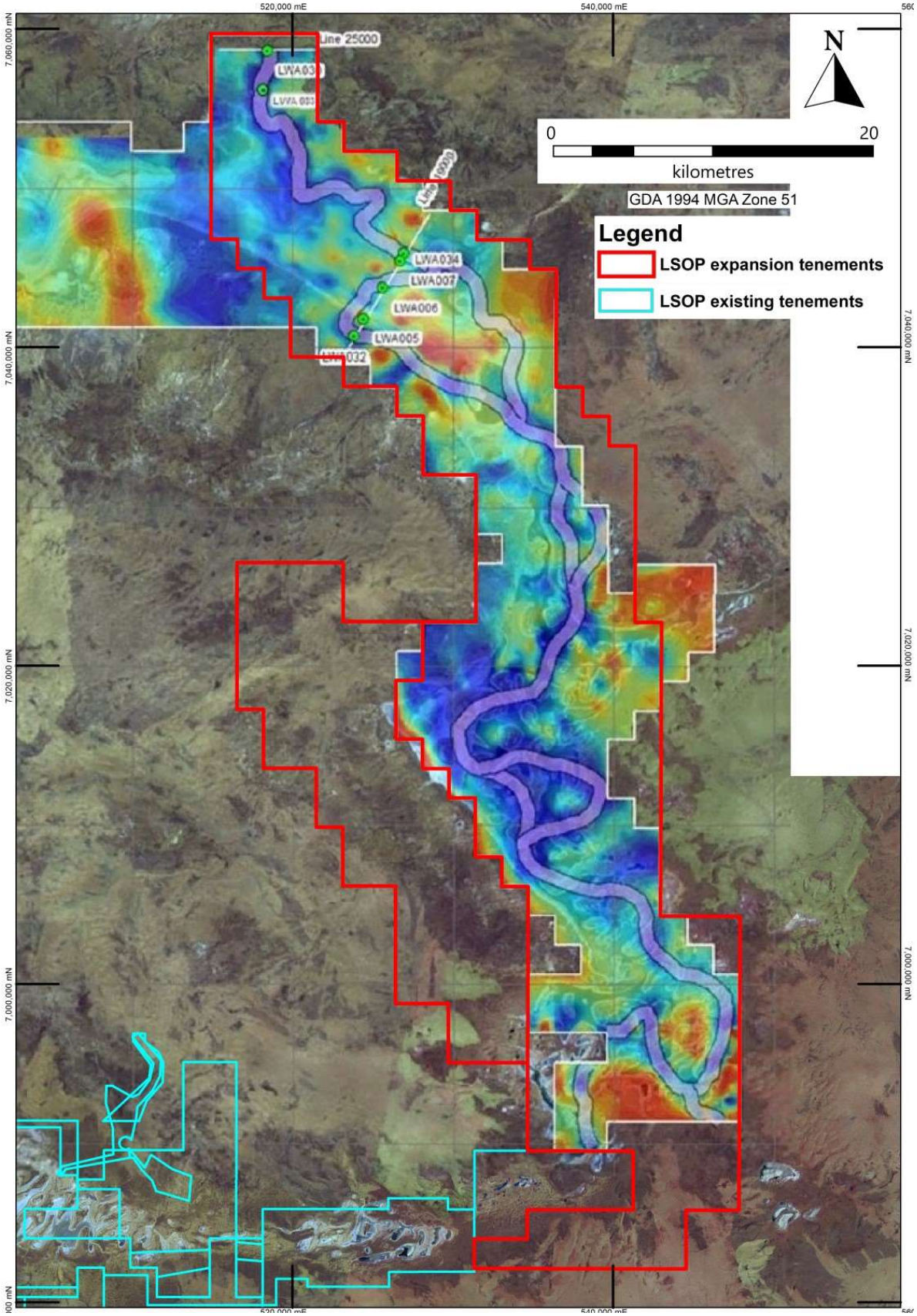


Figure 2: Gravity anomaly map with interpreted palaeochannel[iv]

Low Estimate						
Geological Unit	**Length (m)**	**Unit top (m)**	**Unit bottom (m)**	**Unit thickness (m)**	**Section area (m^2)**	**Unit volume (M m^3)**
Playa Lake Sediments	120,000	4,000	2,800	10	34,000	4,080
Palaeovalley Sediment	120,000	2,800	400	90	144,000	17,280
Basal Sand	120,000	400	100	5	1,250	150
Fractured Siltstone	120,000	400	400	5	2,000	240
						21,750

High Estimate						
Geological Unit	**Length (m)**	**Unit top (m)**	**Unit bottom (m)**	**Unit thickness (m)**	**Section area (m^2)**	**Unit volume (M m^3)**
Playa Lake Sediments	120,000	6,000	3,000	20	90,000	10,800
Palaeovalley Sediment	120,000	3,000	600	80	144,000	17,280
Basal Sand	120,000	600	200	15	6,000	720
Fractured Siltstone	120,000	600	600	10	6,000	720
						29,520

Table 1: Stratigraphic unit dimensions used in the estimation of the Exploration Target

Based on the continuity of the adjacent LSOP MRE, an estimation of volume, porosity, and Sy was applied to each stratigraphic unit.

Low Estimate								
Geological Unit	**Unit volume (M m^3)**	**Porosity**	**Brine volume (M m^3)**	**Sy (SO4 Lake Way[v])**	**Drainable brine (M m^3)**	**Brine grade (K mg/L)**	**K tonnes (Mt)**	**SOP tonnes (K*2.23)**
Playa Lake Sediments	4,080	0.464	1,893	0.1	408	3000	1.2	2.7
Palaeovalley Sediment	17,280	0.4	6,912	0.05	864	3,300	2.9	6.4
Basal Sand	150	0.15	23	0.15	23	3,600	0.1	0.2
Fractured Siltstone	240	0.22	53	0.15	36	2,890	0.1	0.2
	21,750		**8,881**		**1,331**	3,202	**4.3**	**9.5**

Table 2(a): Exploration Target for Lake Wells East Project (Low Estimate)

High Estimate								
Geological Unit	**Unit volume (M m^3)**	**Porosity**	**Brine volume (M m^3)**	**Sy (APC DFS[vi])**	**Drainable brine (M m^3)**	**Brine grade (K mg/L)**	**K tonnes (Mt)**	**SOP tonnes (K*2.23)**
Playa Lake Sediments	10,800	0.464	5,011	0.1	1,080	3,991	4.3	9.6
Palaeovalley Sediment	17,280	0.4	6,912	0.08	1,382	4,049	5.6	12.5
Basal Sand	720	0.15	108	0.23	166	4,049	0.7	1.5
Fractured Siltstone	720	0.22	158	0.05	36	3,924	0.1	0.3
	29,520		**12,189**		**2,664**	4,024	**10.7**	**23.9**

Table 2(b): Exploration Target for Lake Wells East Project (High Estimate)

This release was authorised by the Managing Director of the Company.

Matt Shackleton
Managing Director & CEO
m.shackleton@australianpotash.com.au
+61 (0) 438 319 841

Michelle Blandford
Company Secretary
m.blandford@australianpotash.com.au
+61 (0) 408 088 295

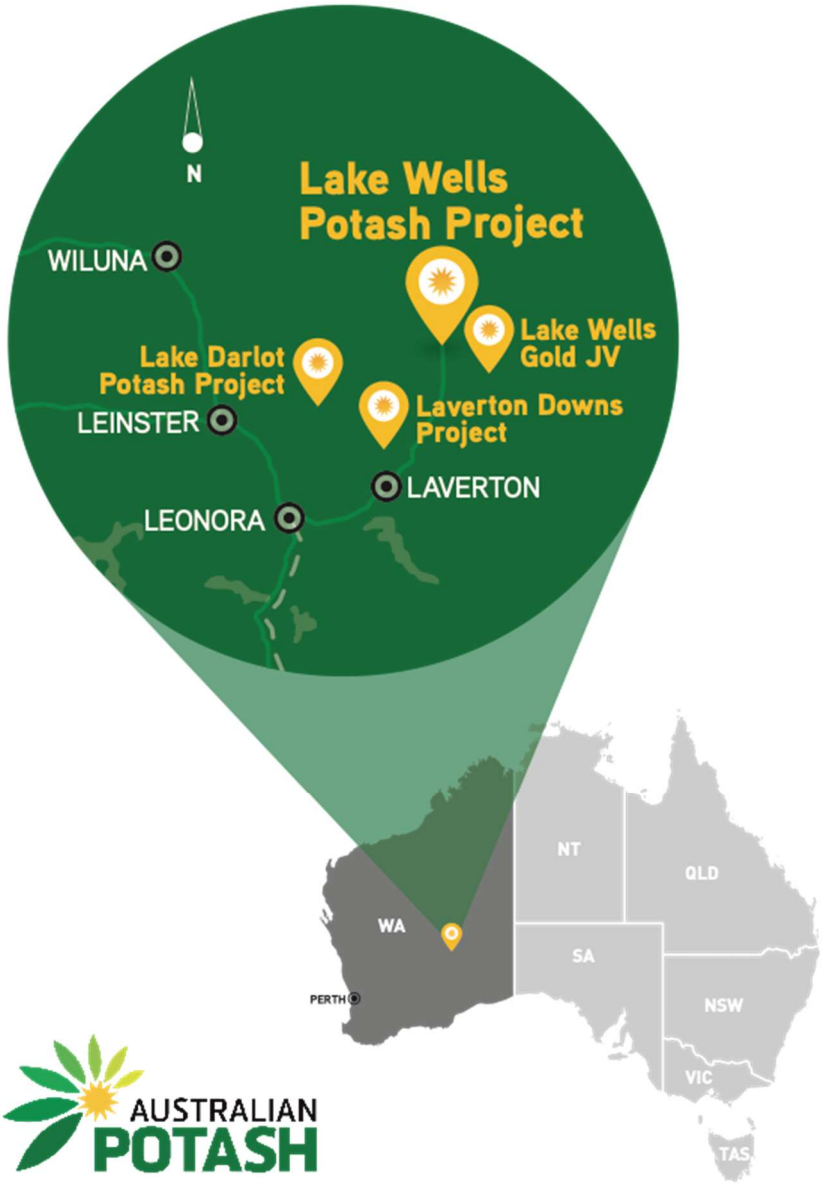
Competent Persons Statement

The information in this report that relates to Exploration Results and an Exploration Target is based on, and fairly reflects, information reviewed and compiled by Christopher Shaw who is a member of the Australian Institute of Geoscientists (AIG). Mr Shaw is an employee of Australian Potash Ltd. Mr Shaw has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity currently being undertaken to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Shaw consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

This announcement contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These forward-looking statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward-looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

About Australian Potash Limited



APC holds a 100% interest in the **Lake Wells Sulphate of Potash (LSOP),** located approximately 500km northeast of Kalgoorlie, in Western Australia's Eastern Goldfields. The Company is finalising pre-development plans for commencement of construction. First production from the LSOP is scheduled for 31 months from a Final Investment Decision.

K-Brite™ is a registered trademark brand of Australian Potash Limited and the brand under which the suite of high quality, premium SOP products from the LSOP will be marketed.

APC holds a 100% interest in the **Laverton Downs Project,** located 5km north of Laverton, in Western Australia's Eastern Goldfields.[vii]

APC holds a 100% interest in the **Lake Wells Gold Project,** located 500km northeast of Kalgoorlie, in Western Australia's Eastern Goldfields.[viii]

Please visit www.australianpotash.com.au for more information.

---

[i] Refer ASX Announcement by APC 5 August 2019 'Major Resource Estimate Upgrade'. That announcement contains the relevant statements, data and consents referred to in this announcement. APC, its directors, officers and agents: 1. Are not aware of any new information that materially affects the information contained in the 5 August 2019 announcement; and 2. State that the material assumptions and technical parameters underpinning the estimates in the 5 August 2019 announcement continue to apply and have not materially changed.

[ii] Refer ASX Announcement by SO4 22 February 2016 'Lake Wells Resource Increased by 193% to 85Mt of SOP'.

[iv] Refer ASX Announcement by SO4 29 August 2016 'Scoping Study Confirms Lake Wells' Potential as a Major Low Cost SOP Project'.

[v] Refer ASX Announcement by SO4 11 October 2019 'Outstanding Bankable Feasibility Results for Lake Way'.

[vi] Refer ASX Announcement by APC 28 August 2019 'Australian Potash Ltd Announces Definitive Feasibility Study'. That announcement contains the relevant statements, data and consents referred to in this announcement. APC, its directors, officers and agents: 1. Are not aware of any new information that materially affects the information contained in the 28 August 2019 announcement; and 2. State that the material assumptions and technical parameters underpinning the estimates in the 28 August 2019 announcement continue to apply and have not materially changed.

[vii] Refer ASX Announcement by APC 9 April 2021 'Massive Nickel Sulphide Targets Identified at Laverton Downs Project'

[viii] Refer ASX Announcement by APC 26 July 2022 'Quarterly Activities Report'

Lake Wells East Project – JORC Code 2012 Edition

Appendix 1

Section 1: Sampling Techniques and Data

(Criteria in this section apply to the succeeding section)

Criteria	JORC Code Explanation	Commentary
Sampling techniques	• *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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg. 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g 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.*	• Sampling was completed via aircore (**AC**) drilling techniques and hand auger techniques. • Brine samples were collected from the cyclone at the end of each 3m rod where possible. • Geological chip samples were taken every metre.
Drilling techniques	• *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.).*	• AC blade bit achieved hole diameter size of 85mm. • All holes vertical. • Handheld auger was used for auger holes.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Geological sample recovery was high, effectively 100%. • Brine sample recovery was low, approximately 40%. Fine grained lithologies do not yield brine at a rate that can be sampled by aircore methods. • Sample bias is not considered to have occurred. There is a relationship between lithology and brine recovery, but no identified relationship between brine concentration and brine recovery.
Logging	• *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.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• A digital drill log was recovered from available WAMEX records. • All drill holes were qualitatively logged by a qualified geologist, noting moisture content of sediments, lithology, colour, induration, grainsize, matrix and structural observations.
Sub-sampling techniques and sample	• *If core, whether cut or sawn and whether quarter, half or all core taken.*	• No core drilling. • Brine water samples were collected with a

preparation	• *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	clean bucket from the rig cyclone. 250mL sterile sample bottles issued by laboratory were used. At the end of each rod, air turned on and brine (if present) flows through cyclone and sample collected after initial discharge flow of brine. • All brine samples taken in the field were split into three subsamples; primary, potential duplicate, and archive. • Primary samples were sent to Bureau Veritas Minerals Laboratory in Perth. • Major cations were analysed using either ICP-AES or ICP-MS techniques. Dissolved sulphate is determined in a 0.45µm filtered sample. Sulphate ions are converted to a barium sulphate suspension in an acetic acid medium with barium chloride. Light absorbance of the $BaSO_4$ suspension is measured by a photometer and the SO_4-2 concentration is determined by comparison of the reading with a standard curve. Specific Gravity (**SG**) calculated using Hydrometer method.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *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.* • *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.*	• Major cation (Ca, K, Na, Mg) and anion (Cl, sulphate, alkalinity) analysis of duplicate samples was completed at Bureau Veritas, Perth. Solutions at Bureau Veritas were determined by ICP-ES. • Reference standard solutions were sent to Bureau Veritas to check accuracy. Reference standard analysis reported an average error of less than 10%.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Sample data was captured in the field and digital data entry completed both in the field and in the company's Perth office. • All drill and sample data was then loaded into the company's database and validation checks completed to ensure data accuracy.
Location of data points	• *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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Drill collars were surveyed by handheld GPS with horizontal accuracy (Easting and Northing values) of +/-5m. • Grid System – MGA94 Zone 51. • Topographic elevation using published GSWA geological maps and handheld GPS with Z range +/-15m suitable for relatively flat terrain.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	• Hole spacing on approximate 4km drill pattern and 3m downhole brine sample interval across the target salt lake system. • The hole spacing is considered sufficient for the style of sedimentary basin fill and level of certainty required for a Geologic Target Estimation.

Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *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.*	• Vertical drill holes targeted the central and margin areas of the salt lake and target aquifer(s) within interpreted flat lying transported sedimentary profile and weathered-transitional rocks. • Drilling orientation is suitable for the primary commodity target of potash brine.
Sample security	• *The measures taken to ensure sample security.*	• Samples kept on site before transport to the laboratory. • Remaining sample and duplicates stored in the Perth office in climate controlled conditions.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Reliance on the open file data as downloaded from the WAMEX system. • Comparison to data from the adjacent LSOP provided good correlation.

Section 2: Reporting of Exploration Results

(Criteria in the preceding section apply to this section)

Criteria	JORC Code Explanation	Commentary

Mineral tenement and land tenure status	• *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.*
		• Applications have been made for three new exploration licences:
		  • E38/3784;
		  • E38/3785; and
		  • E38/3786.

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Previous AC and auger drilling and sampling by SO4 (and subsidiaries). • Previous AC drilling and sampling by MBS Exploration Pty Ltd.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The deposit is a brine containing the target potassium and sulphate ions that could form a potassium sulphate salt (potash). The brine is contained within saturated sediments below the surface of Lake Wells which sits within a broader regional palaeochannel system. The brine has formed due to evaporative concentration in playa lakes within the palaeochannel system.

Drill hole Information	• *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:*
	  • *easting and northing of the drill hole collar*
	  • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  • *dip and azimuth of the hole*
	  • *down hole length and interception depth*
	  • *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this*
		• Aircore drilling data recovered from WAMEX reports:
		  • A117405 – SO4 (and subsidiaries)
		  • A117708 – MBS Exploration Pty Ltd
		• SO4 ASX Announcement "Lake Wells Resource Increased By 193% to 85Mt of SOP" 22/02/2016.
		• SO4 ASX Announcement "Scoping Study Confirms Lake Wells' Potential as a Major Low Cost SOP Producer" 29/08/2016.

	exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	• *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.* • *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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Significant intercepts were reported as downhole length and no minimum and maximum cut-off grades have been applied. • Data aggregation comprised calculation of a length weighted average brine concentration of all brine samples per drill hole for a given geologic unit. • No metal equivalent values or formulas used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *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').*	• The brine deposit is a flat resource hosted within a palaeochannel-controlled sedimentary aquifer and the underlying weathered basement. Vertical drill hole intercepts are interpreted to represent the true thickness of the deposit.
Diagrams	• *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.*	• Appropriate summary diagrams with Scale and North Point shown are included in the body of the report.
Balanced reporting	• *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.*	• All potash results from within the brine aquifer have been reported as averages assigned to respective aquifer units.
Other substantive exploration data	• *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.*	• Gravity and passive seismic surveys have been undertaken over the Exploration Target area to substantiate the inferred paleochannel and depth to basement. • Lithological samples of sedimentary units have been subject to grain size analysis in a neighboring MRE; these results and analogy to other sedimentary systems has been used to make preliminary estimates of aquifer properties.
Further work	• *The nature and scale of planned further work (eg. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Based on potash brine results returned and *Other Substantive Exploration Data* summarised above, the design of follow-up drilling program(s) (including passive seismic, mud rotary bore drilling) are under preparation. • Extensions to the length of the target are unlikely; the purpose of the proposed work is to confirm the depth to basement, collect samples for sedimentary analysis and aquifer property analysis. • Bore drilling and test pumping programs are necessary to demonstrate the sustainable rate of operations for the bores, and the potential for the target to be elevated to a Mineral Resource.

Appendix 2

Section 1: Legacy Drill Hole Collars

Hole_ID	MGA_E	MGA_N	Elevation	Total_depth	Drill_code	Dip	Company	WAMEX
Unit	metres	metres	metres	metres	N/A	degrees		
LW001	540302	7031787		48	AC	-90	MBExp	a117708
LW002	539513	7036193		17	AC	-90	MBExp	a117708
LW003	540001	7029468		118	AC	-90	MBExp	a117708
LW004	541980	7029453		106	AC	-90	MBExp	a117708
LW005	540997	7027987		55	AC	-90	MBExp	a117708
LW006	539590	7031183		58	AC	-90	MBExp	a117708
LW007	538617	7030570		126	AC	-90	MBExp	a117708
LW008	536864	7034221		137	AC	-90	MBExp	a117708
LW009	544915	7006921		135	AC	-90	MBExp	a117708
LW010	543189	7009707		100	AC	-90	MBExp	a117708
LW011	543169	7008534		61	AC	-90	MBExp	a117708
LW012	541850	7010080		48	AC	-90	MBExp	a117708
LW013	540113	7011930		71	AC	-90	MBExp	a117708
LW014	550625	7024250		74	AC	-90	MBExp	a117708
LW015	547627	7023300		74	AC	-90	MBExp	a117708
LW016	543785	7005781		57	AC	-90	MBExp	a117708
LW017	538857	6985344		19	AC	-90	MBExp	a117708
LW018	548074	7000936		44	AC	-90	MBExp	a117708
LW019	531975	6982728		32	AC	-90	MBExp	a117708
LWA001	505951	7049667	440	33	AC	-90	SO4	a108401
LWA002	515587	7049711	443	29	AC	-90	SO4	a108401
LWA003	518455	7052875	443	87	AC	-90	SO4	a108401
LWA004	520945	7048340	443	84	AC	-90	SO4	a108401
LWA005	524525	7041800	443	73	AC	-90	SO4	a108401
LWA006	525740	7043736	443	126	AC	-90	SO4	a108401
LWA007	526820	7045435	443	93	AC	-90	SO4	a108401
LWA008	533788	7034246	443	58	AC	-90	SO4	a108401
LWA009	535393	7028485	443	63	AC	-90	SO4	a108401
LWA010	529817	7018427	443	85	AC	-90	SO4	a108401
LWA011	534138	7020901	443	84	AC	-90	SO4	a108401
LWA012	531992	7015423	443	61	AC	-90	SO4	a108401
LWA013	535896	7014425	443	84	AC	-90	SO4	a108401
LWA014	533942	7011114	443	74	AC	-90	SO4	a108401
LWA015	536387	7007649	443	74	AC	-90	SO4	a108401
LWA016	540485	6999193	443	36	AC	-90	SO4	a108401

Hole_ID	MGA_E	MGA_N	Elevation	Total_depth	Drill_code	Dip	Company	WAMEX
Unit	metres	metres	metres	metres	N/A	degrees		
LWA017	519881	7046397	443	45	AC	-90	SO4	a108401
LWA018	521990	7050010	443	112	AC	-90	SO4	a108401
LWA019	529290	7038550	443	54	AC	-90	SO4	a108401
LWA020	530257	7040205	443	48	AC	-90	SO4	a108401
LWA021	531247	7041902	443	45	AC	-90	SO4	a108401
LWA022	536539	7022221	436	74	AC	-90	SO4	a108401
LWA023	534960	7015800	443	61	AC	-90	SO4	a108401
LWA024	534990	7006535	443	33	AC	-90	SO4	a108401
LWA025	538225	7008825	443	40	AC	-90	SO4	a108401
LWA026	538755	7004507	443	26	AC	-90	SO4	a108401
LWA029	543567	6997102	443	15	AC	-90	SO4	a108401
LWA030	518525	7058696	449	107	AC	-90	SO4	a114705
LWA031	526074	7040567	444	100	AC	-90	SO4	a114705
LWA032	523934	7040676	443	101	AC	-90	SO4	a114705
LWA033	518038	7055956	444	110	AC	-90	SO4	a114705
LWA034	527040	7045891	442	126	AC	-90	SO4	a114705
LWA035r	520177	7051758	443	119	AC	-90	SO4	a114705
LWA036	519893	7051962	432	118	AC	-90	SO4	a114705
LWA037	520491	7051569	441	114	AC	-90	SO4	a114705
LWA038	519272	7053911	441	118	AC	-90	SO4	a114705
LWA039	524291	7049514	441	122	AC	-90	SO4	a114705
LWA039a	524436	7049781	441	119	AC	-90	SO4	a114705
LWA039b	524545	7049985	441	107	AC	-90	SO4	a114705
LWA039c	524736	7050342	441	71	AC	-90	SO4	a114705
LWA040	531740	7042216	441	87	AC	-90	SO4	a114705
LWA041	536336	7034079	441	125	AC	-90	SO4	a114705
LWA041r	536336	7034079	441	125	AC	-90	SO4	a114705
LWA042	537798	7031018	441	101	AC	-90	SO4	a114705
LWA043	537614	7023076	441	125	AC	-90	SO4	a114705
LWA044	539325	7012160	441	107	AC	-90	SO4	a114705
LWA045	547030	6997952	441	107	AC	-90	SO4	a114705
LWA046	545426	6993869	441	34	AC	-90	SO4	a114705
LWA047	544041	6993551	441	34	AC	-90	SO4	a114705
LWA048	546500	6992333	441	125	AC	-90	SO4	a114705
LWA049	538141	6991971	441	125	AC	-90	SO4	a114705
LWA049r	547030	6997952	441	127	AC	-90	SO4	a114705
LWA050	537941	6992011	441	115	AC	-90	SO4	a114705
LWA051	538350	6991958	441	135	AC	-90	SO4	a114705
LWA052	538570	6991962	441	67	AC	-90	SO4	a114705

Section 2: Legacy Drill Hole Assay Results

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LW003	MB001	87	88	679	112.4	2388	5982	67651	6163	18464	PV Sed
LW003	MB002	92	93	551	143.3	3622	7120	85264	6868	20575	PV Sed
LW003	MB003	95	96	560	144.2	3685	7254	87284	6745	20207	PV Sed
LW003	MB004	98	99	578	128.3	3337	7544	73103	6735	20177	Basement
LW004	MB005	67	68	538	58.2	1349	3187	33849	3336	9995	PV Sed
LW004	MB006	86	87	517	131.4	3188	6484	77504	6675	19998	PV Sed
LW004	MB007	99	100	554	142.9	3575	6940	83586	6629	19860	Basement
LW004	MB008	103	104	552	145.5	3656	7038	84951	6709	20099	Basement
LW005	MB009	46	47	619	132.3	3176	6641	78252	6338	18988	PV Sed
LW005	MB010	48	49	598	142.4	3619	7103	86198	6750	20222	PV Sed
LW007	MB011	83	84	462	105.8	2676	5277	63211	5186	15536	PV Sed
LW007	MB012	99	100	523	123.9	3077	6058	72836	5922	17741	PV Sed
LW007	MB013	105	106	318	76.7	1950	3694	45787	3625	10861	PV Sed
LW007	MB014	109	110	522	120.3	3159	6127	74470	5980	17915	PV Sed
LW007	MB015	113	114	545	144.2	3767	6897	84732	6507	19493	PV Sed
LW007	MB016	116	117	559	143.7	3898	7060	86988	6656	19941	PV Sed
LW007	MB017	118	119	544	145.9	3778	6889	85113	6578	19706	PV Sed
LW007	MB018	120	121	543	145.1	3826	6986	85945	6477	19403	Basal Sand
LW007	MB019	124	125	536	145.5	3769	6867	83924	6398	19167	Basal Sand
LW007	MB020	128	129	552	146.4	3878	7115	87179	6487	19434	Basal Sand
LW007	MB021	129	130	557	145.9	3921	7163	87727	6541	19597	Basal Sand
LW008	MB023	67	68	550	147.7	3697	7205	86023	6629	19860	PV Sed
LW008	MB024	70	71	492	98.3	2436	5243	59149	5357	16047	PV Sed
LW008	MB025	73	74	467	62.6	1515	3507	37704	3620	10844	PV Sed
LW008	MB026	77	78	475	64.4	1584	3679	39237	3725	11161	PV Sed
LW008	MB027	80	81	570	29.1	794	2253	16627	2282	6836	PV Sed
LW008	MB028	86	87	549	118.2	2933	5994	70335	5964	17868	PV Sed
LW008	MB029	89	90	586	126.5	3086	6281	73887	6402	19179	PV Sed
LW008	MB030	93	94	558	123	3036	6073	72780	6072	18190	PV Sed
LW008	MB031	98	99	549	119.5	2944	5959	70658	5930	17766	PV Sed
LW009	MB032	22	23	540	31.8	716	1847	17819	1562	4680	PV Sed
LW009	MB033	27	28	569	30.7	652	1707	17053	1481	4437	PV Sed
LW009	MB034	43	44	485	33.5	691	1944	18861	1695	5079	PV Sed
LW009	MB035	46	47	521	35.8	729	2086	20080	1765	5287	PV Sed
LW009	MB036	78	79	482	38.3	790	2227	21746	1951	5844	PV Sed
LW009	MB037	82	83	441	36	745	2099	20517	1797	5382	PV Sed
LW010	MB038	17	28	697	36	754	2104	20224	1934	5795	PV Sed
LW010	MB039	34	35	629	39	840	2365	22777	2165	6485	PV Sed
LW010	MB040	39	40	546	37	791	2203	21759	2079	6228	PV Sed
LW010	MB041	42	43	619	41.2	882	2506	24440	2431	7282	PV Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LW010	MB046	45	46	614	75.3	1594	4309	45025	3896	11671	PV Sed
LW010	MB043	57	58	631	64.8	1377	3845	38900	3577	10717	PV Sed
LW010	MB044	60	61	605	73.9	1572	4306	44226	3913	11722	PV Sed
LW010	MB045	70	71	620	79.5	1672	4578	47330	4337	12993	PV Sed
LW010	MB047	90	91	625	81.6	1731	4667	48553	4372	13098	PV Sed
LW010	MB048	99	100	620	71.4	1707	3959	43248	3759	11261	PV Sed
LW011	MB049	32	33	921	19	331	1276	9729	941	2820	PV Sed
LW011	MB050	41	42	1465	24.9	453	1786	13301	1773	5310	PV Sed
LW011	MB051	52	53	1035	82.8	1630	4898	50509	4630	13872	PV Sed
LW011	MB052	54	55	866	96	1821	5179	54874	4919	14737	PV Sed
LW011	MB053	57	58	854	94.8	1877	5210	55469	4975	14903	PV Sed
LW011	MB054	60	61	939	95.1	1847	5143	55182	4980	14920	Basement
LW013	MB055	53	54	634	119	2422	6036	70711	5996	17963	Basement
LW013	MB056	54	55	627	119.3	2437	6068	70917	5888	17640	Basement
LW013	MB057	60	61	681	123.5	2568	6289	74292	6128	18357	Basement
LW013	MB058	63	64	631	120.4	2643	6343	74816	6116	18323	Basement
LW013	MB059	67	68	627	121.1	2626	6286	75295	6157	18445	Basement
LW013	MB060	68	69	637	121.5	2668	6379	76707	6118	18327	Basement
LW014	MB061	22	23	635	37.3	846	3086	21682	3386	10145	PV Sed
LW015	MB062	22	23	927	87.3	2872	5622	50761	4806	14397	PV Sed
LW015	MB063	41	42	989	86.4	2960	5674	51891	4753	14239	PV Sed
LW015	MB064	62	63	586	129.9	3536	7918	78090	6930	20760	Basement
LW015	MB065	62	63	602	129.4	3651	8186	80358	6897	20662	Basement
LW015	MB066	64	65	578	129.4	3539	7779	77937	6941	20795	Basement
LW015	MB067	68	69	591	131.2	3643	8127	79905	6966	20869	Basement
LW015	MB068	71	72	597	138.2	3880	8462	85171	7143	21399	Basement
LW016	MB069	22	23	1376	47.8	1494	2261	28217	2764	8280	PV Sed
LW016	MB070	46	47	883	127.2	3373	6492	76897	5011	15012	PV Sed
LW016	MB071	47	48	883	126.8	3310	6316	76627	4765	14275	PV Sed
LW016	MB072	50	51	829	127.7	3305	6298	75678	4824	14451	PV Sed
LW016	MB073	52	53	884	126.3	3335	6357	77364	4618	13836	Basement
LW016	MB074	56	57	933	129.4	3356	6366	78193	4536	13589	Basement
LW018	MB075	7	8	387	21.5	534	1035	12462	1082	3241	Playa Sed
LWA001			6	464	150600	3880	7080	88500		23900	Playa Sed
LWA002			9	531	149550	3870	6950	87400		18900	Playa Sed
LWA002			12	542	149350	3960	6970	87800		19700	Playa Sed
LWA002			15	530	149200	3850	6940	84300		19200	PV Sed
LWA002			18	504	150250	3890	6960	85500		19500	PV Sed
LWA002			21	524	150600	3960	7040	87300		19700	Basement
LWA002			24	511	153250	3990	7150	87300		19600	Basement
LWA002			27	525	154350	4020	7120	86300		19800	Basement
LWA002			29	515	156450	4180	7190	89900		20000	Basement

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA003			6	552	144800	3970	6200	88300		18400	Playa Sed
LWA003			9	570	143200	4040	6090	89000		18100	Playa Sed
LWA003			12	566	144800	4040	6040	87700		18200	Playa Sed
LWA003			15	577	144450	4140	6210	89000		18500	PV Sed
LWA003			18	566	148000	4280	6150	88300		18600	PV Sed
LWA003			21	570	151000	4350	6020	90000		18300	PV Sed
LWA003			24	563	149400	4250	5810	89400		17700	PV Sed
LWA003			27	572	144450	4220	5750	89200		17400	PV Sed
LWA003			30	570	146550	4250	5860	89400		18000	PV Sed
LWA003			33	556	146750	4260	5880	87500		17800	PV Sed
LWA003			36	566	144800	4240	5860	87300		17700	PV Sed
LWA003			39	550	147250	4170	5770	88300		17800	PV Sed
LWA003			42	567	143900	4210	5820	86000		17600	PV Sed
LWA003			45	561	144950	4190	5580	88300		17600	PV Sed
LWA003			48	571	146050	4180	5640	86900		17400	PV Sed
LWA003			51	566	146050	4160	5690	87800		17400	PV Sed
LWA003			54	563	143750	4110	5610	88100		17300	PV Sed
LWA003			57	574	144800	4150	5610	89200		17400	PV Sed
LWA003			60	569	146050	4260	5730	89000		17800	PV Sed
LWA003			63	582	147100	4230	5740	88600		17500	PV Sed
LWA003			66	581	146050	4240	5690	87700		17300	PV Sed
LWA003			69	570	145850	4160	5730	86500		17700	PV Sed
LWA003			72	562	145150	4120	5680	88200		17100	Basement
LWA003			75	571	142850	4170	5760	88100		17800	Basement
LWA003			78	568	145700	4150	5690	88100		17200	Basement
LWA003			81	498	152750	4270	6500	92600		19800	Basement
LWA003			84	471	156850	4380	6540	94500		20100	Basement
LWA003			87	505	152750	4260	6470	91400		19700	Basement
LWA004			3	613	154990	4260	5913	93655		18841	Playa Sed
LWA004			63	378	174400	4400	8190	99400		23400	PV Sed
LWA004			66	395	172450	4400	8070	98400		23600	PV Sed
LWA004			78	463	154900	4140	7420	93300		21700	PV Sed
LWA004			81	455	153100	4150	7330	92500		21300	PV Sed
LWA005			3	482	149050	3900	7820	85500		21700	Playa Sed
LWA006			3	557	133250	3500	6410	76600		21400	Playa Sed
LWA006			6	542	132400	3470	6280	75200		21800	Playa Sed
LWA006			9	547	134850	3500	6300	75200		21800	Playa Sed
LWA006			12	556	133250	3550	6460	76500		21800	Playa Sed
LWA006			15	559	132200	3510	6400	76500		21800	PV Sed
LWA006			21	553	133250	3570	6490	77800		21900	PV Sed
LWA006			54	517	142650	3730	6670	79000		19500	PV Sed
LWA006			75	481	154550	3990	7140	84300		21000	PV Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA006			78	513	151000	3950	7020	84000		20900	PV Sed
LWA006			108	514	150450	3880	7090	82800		20900	Basal Sand
LWA006			111	499	150220	3868	6937	83036		20359	Basal Sand
LWA006			114	513	151285	3944	7140	84214		20637	Basal Sand
LWA006			117	512	152504	3949	7210	85062		20860	Basal Sand
LWA006			120	500	154550	3880	7040	83200		21100	Basal Sand
LWA006			123	505	150650	3800	6960	81200		20800	Basement
LWA006			126	494	152250	3800	6900	81200		20600	Basement
LWA007			3	477	158600	4070	7470	83700		20600	Playa Sed
LWA007			12	472	158600	4110	7550	85200		20600	Playa Sed
LWA007			18	467	155950	4030	7420	81900		21100	Playa Sed
LWA007			60	482	159700	3910	7590	82800		20400	PV Sed
LWA007			90	518	157900	3740	7290	88800		20200	Basal Sand
LWA007			93	523	153650	3710	7220	88400		19500	Basal Sand
LWA008			57	548	157750	4530	7090	96100		20300	Basement
LWA008			58	574	152600	4300	6880	90000		19500	Basement
LWA009			21	631	137900	4510	5100	78400		16800	Basement
LWA009			24	637	144950	4520	5720	86900		17400	Basement
LWA009			27	639	148350	4560	5860	88700		17600	Basement
LWA009			30	625	146750	4400	6070	87800		18100	Basement
LWA009			33	637	146400	4450	6110	88500		18200	Basement
LWA009			36	624	148850	4350	6230	90000		17900	Basement
LWA009			39	632	147100	4360	6290	89000		18600	Basement
LWA009			42	603	148150	4180	6370	86800		18100	Basement
LWA009			45	601	152950	4300	6730	90200		19000	Basement
LWA009			48	610	149950	4240	6520	89700		19000	Basement
LWA009			51	608	149950	4240	6410	88300		18200	Basement
LWA009			54	609	149050	4270	6430	89300		18700	Basement
LWA009			57	624	151900	4350	6770	92400		19000	Basement
LWA009			60	633	152050	4320	6730	93900		19300	Basement
LWA009			63	624	147250	4360	6300	91300		18200	Basement
LWA010			3	576	151550	4460	6180	90800		18700	Playa Sed
LWA010			6	603	150450	4460	6240	91100		19000	Playa Sed
LWA010			9	600	151900	4480	6260	91100		19100	Playa Sed
LWA010			12	579	150450	4390	6160	89000		18100	Playa Sed
LWA010			15	584	149600	4520	5920	90800		18200	Playa Sed
LWA010			18	600	148850	4550	5970	90600		18200	Playa Sed
LWA010			63	548	148850	3770	6840	87100		19200	Basement
LWA010			66	555	152600	3900	7110	88300		19500	Basement
LWA010			69	556	151550	4030	7320	90400		20100	Basement
LWA010			72	567	152250	3950	7040	89400		19500	Basement
LWA010			75	569	149750	3930	6980	88700		19100	Basement

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA010			78	542	152600	3980	7110	89400		19900	Basement
LWA010			81	567	152400	3980	7060	91500		19700	Basement
LWA010			84	554	154200	3990	7240	90600		19700	Basement
LWA010			85	570	152250	3950	7150	88700		19800	Basement
LWA011			12	735	131300	4110	5130	77700		16400	Playa Sed
LWA011			15	734	130950	4100	5110	76800		16400	Playa Sed
LWA011			57	483	164450	4440	7540	95400		20600	Basement
LWA011			60	563	152050	4180	7010	88000		19200	Basement
LWA011			63	563	151550	4210	6940	89100		19000	Basement
LWA011			66	567	151700	4220	6940	88800		19400	Basement
LWA011			69	557	152950	4150	7000	86900		19100	Basement
LWA011			72	545	157000	4260	7100	88500		19500	Basement
LWA011			75	559	152400	4180	6950	87300		19300	Basement
LWA011			78	559	155600	4230	7130	87800		19700	Basement
LWA011			81	555	152950	4190	6940	87200		19200	Basement
LWA011			84	578	152050	4090	7010	86900		18700	Basement
LWA012			6	607	148850	3410	6920	86800		18200	Playa Sed
LWA012			36	553	161450	4280	6680	92800		18400	Basement
LWA013			48	599	147800	3450	6810	87400		18800	PV Sed
LWA013			51	592	146400	3430	6730	85300		18900	PV Sed
LWA013			54	595	145700	3410	6600	85300		18500	PV Sed
LWA014			3	884	123150	3750	4160	71300		12700	Playa Sed
LWA014			6	854	118200	3540	4490	69700		14000	Playa Sed
LWA014			15	875	118900	3510	4390	68700		13800	Playa Sed
LWA014			18	879	117150	3560	4360	69600		14100	Playa Sed
LWA014			36	911	120150	3140	5370	69900		13900	PV Sed
LWA014			39	854	129750	3300	5760	74000		13100	PV Sed
LWA014			42	880	134850	3340	5940	75600		11900	PV Sed
LWA014			45	951	137350	3500	6250	79700		12300	PV Sed
LWA014			48	935	134150	3400	6060	77400		12400	PV Sed
LWA014			51	918	137350	3430	6120	78100		12400	Basement
LWA014			54	936	136650	3460	6170	78600		12800	Basement
LWA014			57	934	135050	3380	6060	76800		12300	Basement
LWA014			60	740	138250	3300	6240	78400		15000	Basement
LWA014			63	724	138250	3290	6180	78200		14900	Basement
LWA014			66	741	140550	3360	6280	80200		15300	Basement
LWA014			69	755	139450	3410	6430	81400		15700	Basement
LWA014			72	748	139650	3400	6400	81800		15800	Basement
LWA014			75	749	138400	3400	6450	80800		15700	Basement
LWA015			3	589	160400	3910	6900	91000		15300	Playa Sed
LWA015			6	683	153100	3950	6860	90600		15100	Playa Sed
LWA015			9	652	152750	3780	6580	87300		14500	Playa Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA015			15	668	152400	3790	6530	86600		14700	Playa Sed
LWA015			18	691	153300	3800	6600	87600		14600	Playa Sed
LWA015			51	631	140550	3230	6110	75700		15800	Basement
LWA015			54	675	141050	3370	6430	79700		16100	Basement
LWA015			57	682	140200	3410	6520	80400		16300	Basement
LWA015			60	662	141400	3300	6500	79500		16100	Basement
LWA015			63	671	141950	3360	6630	82000		16300	Basement
LWA015			66	674	143750	3380	6740	82900		16700	Basement
LWA015			69	662	141950	3350	6670	81900		16400	Basement
LWA015			72	662	141950	3380	6720	82200		16400	Basement
LWA015			75	647	143000	3320	6700	81600		16400	Basement
LWA016			3	524	152050	2900	9630	83800		19900	Playa Sed
LWA016			6	459	153850	2680	8870	76900		19200	Playa Sed
LWA016			9	560	147100	2800	9240	81300		19700	Playa Sed
LWA016			12	573	147100	2800	9300	80800		19700	Playa Sed
LWA016			27	682	141250	3410	6830	80800		16400	PV Sed
LWA016			30	635	149950	3660	7080	85600		17400	Basement
LWA016			33	596	149400	3580	6920	83300		16800	Basement
LWA016			36	576	154000	3680	7110	85700		17100	Basement
LWA017			42	479	157700	4370	7360	89700		21400	Basement
LWA017			45	478	158750	4460	7490	89000		21600	Basement
LWA018			3	592	150550	4210	6210	88300		18500	Playa Sed
LWA018			6	603	147000	4170	6120	87200		18100	Playa Sed
LWA018			9	589	147700	4200	6160	88300		18300	Playa Sed
LWA018			49	492	156550	4290	7850	90800		22500	PV Sed
LWA018			54	478	154950	4180	7610	90600		22300	PV Sed
LWA018			57	504	155450	4320	7940	93300		23000	PV Sed
LWA018			60	496	156350	4260	7810	93800		22900	PV Sed
LWA018			63	498	156700	4300	7810	92500		22600	PV Sed
LWA018			69	500	157950	4320	7900	92200		22100	PV Sed
LWA018			72	498	155650	4310	7940	92000		22600	PV Sed
LWA018			75	490	157400	4320	7980	93700		22900	PV Sed
LWA018			78	487	161300	4360	8060	94100		23100	PV Sed
LWA018			81	512	154950	4340	7960	94600		23100	PV Sed
LWA018			96	495	153350	4160	7990	91000		24000	PV Sed
LWA018			99	485	155850	4100	7900	91300		23700	PV Sed
LWA018			102	495	154950	4200	7880	93100		23500	PV Sed
LWA018			105	494	157400	4180	7910	93200		23500	PV Sed
LWA018			108	497	154500	4160	7940	92500		23500	PV Sed
LWA019			54	566	152700	4280	7000	85200		18700	Basement
LWA020			36	482	159350	4300	7650	93200		21200	PV Sed
LWA020			39	546	156000	4410	7780	94100		21800	Basement

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA020			42	555	155100	4370	7630	91500		21400	Basement
LWA020			45	520	159000	4410	7760	92900		21100	Basement
LWA020			48	566	152100	4420	6930	92400		20500	Basement
LWA021			12	602	154050	4980	6390	92600		18200	Playa Sed
LWA021			15	609	153550	4940	6240	92000		17900	Playa Sed
LWA021			18	615	153550	4940	6290	92600		17800	Playa Sed
LWA021			21	616	154750	4980	6290	92900		18000	Playa Sed
LWA021			24	609	154400	4980	6290	92500		17400	PV Sed
LWA021			36	559	155450	4710	7200	90000		19300	Basement
LWA021			39	537	155200	4490	6880	88000		18500	Basement
LWA021			42	529	160200	4630	7070	90000		18600	Basement
LWA022			15	557	152350	3430	8110	84000		18000	Playa Sed
LWA022			24	524	157150	3580	8390	86600		18900	PV Sed
LWA022			30	551	156100	3510	8300	86100		18300	PV Sed
LWA022			33	543	158200	3470	8140	84600		18500	PV Sed
LWA022			36	560	155550	3490	8250	85100		18300	PV Sed
LWA022			42	557	156250	3520	8320	84700		18500	PV Sed
LWA022			48	546	155050	3460	8290	84200		18500	PV Sed
LWA022			51	562	156100	4040	7500	88400		18600	PV Sed
LWA022			54	569	153450	3770	7230	84900		18300	PV Sed
LWA022			57	591	152000	3730	7140	83800		17700	PV Sed
LWA022			60	587	151450	3680	7120	83400		18000	PV Sed
LWA022			63	559	140800	3480	6530	77400		16700	PV Sed
LWA022			66	585	145100	3720	6970	80900		17600	PV Sed
LWA022			69	541	154850	3800	7290	85000		18300	PV Sed
LWA023			9	928	101550	3000	4450	59300		14500	Playa Sed
LWA023			12	879	108300	3020	4770	61300		15200	Playa Sed
LWA023			15	877	108300	3040	4760	60800		14900	Playa Sed
LWA023			45	868	109200	3110	4900	62600		15200	Basement
LWA023			48	641	147200	3440	6880	82300		17200	Basement
LWA023			51	601	146700	3510	6930	81900		17400	Basement
LWA023			54	633	142600	3340	6470	79600		17100	Basement
LWA023			57	649	140300	3350	6470	80700		17000	Basement
LWA023			61	632	144350	3510	6650	81800		17000	Basement
LWA024			9	641	156100	3860	6810	85200		14900	Playa Sed
LWA024			12	643	156600	3860	6790	85400		15300	Playa Sed
LWA024			15	644	157000	3910	6910	88100		15200	Playa Sed
LWA024			21	632	159450	4000	7010	88200		15300	Playa Sed
LWA025			9	854	120600	2850	6110	67300		14400	Playa Sed
LWA025			18	727	136750	3240	6760	76400		15400	Playa Sed
LWA026			30	608	151100	3790	6890	85500		17400	Basement
LWA026			33	628	151100	3720	6830	82600		17100	Basement

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA026			36	626	150400	3790	6980	83400		17300	Basement
LWA029			6	494	166550	3940	7960	89700		17900	Playa Sed
LWA029			9	552	158950	3800	7700	89300		17600	Playa Sed
LWA029			12	650	140800	3320	7080	78300		17300	Playa Sed
LWA029			15	761	122150	2840	6280	68600		16900	Playa Sed
LWA030			13	159	3950	110	215	3110	240	720	Playa Sed
LWA030			18	224	5300	130	280	3390	310	930	Playa Sed
LWA030			66	641	66350	1510	3340	38100	3780	11300	PV Sed
LWA030			72	628	65300	1510	3330	38000	3710	11100	PV Sed
LWA030			89	647	66900	1580	3500	40000	3830	11500	PV Sed
LWA030			101	621	132000	3530	5540	73900	6050	18200	Basal Sand
LWA030			107	609	139950	3750	5700	79000	6080	18200	Basal Sand
LWA031			11	661	41550	1050	2310	25100	2700	8100	Playa Sed
LWA031			89	606	114750	3460	5950	68200	5910	17700	Basement
LWA031			100	595	131150	3580	6600	77000	6420	19300	Basement
LWA032			17	805	31850	760	1840	19200	2160	6480	Playa Sed
LWA032			83	784	46400	1050	2750	27700	3190	9570	PV Sed
LWA032			100	757	53500	1210	3180	31700	3720	11200	Basement
LWA033			11	661	105350	3270	4160	64600	4590	13800	Playa Sed
LWA033			17	641	133900	3970	5440	79600	5940	17800	Playa Sed
LWA033			23	641	133050	3920	5540	77600	5940	17800	Playa Sed
LWA033			29	652	132350	3900	5450	76200	5880	17600	PV Sed
LWA033			35	641	132150	3910	5440	78300	5820	17500	PV Sed
LWA033			41	621	132500	3920	5450	78700	5880	17600	PV Sed
LWA033			47	617	132700	3910	5310	77200	5730	17200	PV Sed
LWA033			53	619	133200	3890	5500	77300	5920	17800	PV Sed
LWA033			59	649	134250	3950	5570	77700	6010	18000	PV Sed
LWA033			65	635	134450	3970	5560	80000	6020	18100	PV Sed
LWA033			71	639	133900	3960	5540	79600	5950	17900	PV Sed
LWA033			77	644	134100	3900	5510	79300	5940	17800	PV Sed
LWA033			83	651	133200	3920	5490	79300	5880	17600	PV Sed
LWA033			101	577	139900	3940	6110	82500	6380	19100	Basal Sand
LWA033			107	541	140800	3920	6390	84600	6540	19600	Basal Sand
LWA033			110	542	139750	3910	6210	83600	6420	19300	Basal Sand
LWA034			17	676	114200	3000	6030	67600	6280	18800	Playa Sed
LWA034			23	472	110650	2940	5880	67000	5960	17900	Playa Sed
LWA034			35	484	130050	3410	6990	76900	6970	20900	PV Sed
LWA034			41	838	91850	2430	4970	54500	5430	16300	PV Sed
LWA034			47	679	100200	2620	5330	59700	5530	16600	PV Sed
LWA034			53	575	124750	3270	6330	73700	6260	18800	PV Sed
LWA034			59	545	135700	3500	6830	79200	6690	20100	PV Sed
LWA034			65	503	127750	3370	6260	74900	5920	17800	PV Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA034			71	506	134800	3530	6890	79300	6710	20100	PV Sed
LWA034			95	532	109750	2740	5670	66500	5410	16200	PV Sed
LWA034			101	501	133400	3310	6800	80700	6440	19300	PV Sed
LWA034			113	508	137450	3380	6980	80700	6580	19700	PV Sed
LWA034			113	506	140800	3400	7080	84500	6690	20100	PV Sed
LWA034			119	498	141150	3420	7060	84200	6680	20000	Basal Sand
LWA035			23	610	137700	3930	5980	81900	5690	17100	Playa Sed
LWA035			35	608	137200	3960	5930	80300	5690	17100	PV Sed
LWA035			41	566	140700	4020	6060	80300	5820	17500	PV Sed
LWA035			47	577	137700	3940	5880	79000	5780	17300	PV Sed
LWA035			54	624	133600	3890	5850	80800		17100	PV Sed
LWA035			60	590	139150	3940	5930	80100	5680	17000	PV Sed
LWA035			84	606	133600	3990	6040	81100	5690	17100	PV Sed
LWA035			95	569	140000	3880	6160	79500	5900	17700	PV Sed
LWA035			101	588	136000	3930	6050	83000	5710	17100	PV Sed
LWA035			107	578	138000	3810	6060	79600	5860	17600	Basal Sand
LWA035			113	571	140500	3950	6070	81500	5880	17600	Basal Sand
LWA035R			95	598	136000	3910	5990	81500	5740	17200	PV Sed
LWA035R			101	589	138000	3830	6040	80000	5810	17400	PV Sed
LWA035R			107	585	139100	4010	6140	84200	5880	17600	Basal Sand
LWA035R			113	577	138000	3810	5930	79900	5800	17400	Basal Sand
lWA035R			119	472	150000	4180	7070	90500	6990	21000	Basal Sand
LWA036			71	533	111200	3050	4950	68000	5010	15000	PV Sed
LWA036			77	520	96750	2690	4370	60400	4390	13200	PV Sed
LWA036			83	520	103950	2880	4650	65800	4750	14300	PV Sed
LWA036			101	485	147550	4090	7200	86700	7000	21000	PV Sed
LWA036			107	477	64050	1800	3120	40800	3260	9780	PV Sed
LWA036			113	523	135200	3780	6710	82600	6540	19600	Basal Sand
LWA037			11	659	127000	3410	5760	73200	5590	16800	Playa Sed
LWA037			17	567	135000	3710	6100	76000	5730	17200	Playa Sed
LWA037			23	596	138500	3890	6230	79700	5910	17800	PV Sed
LWA037			29	543	144000	4070	6490	82600	6190	18600	PV Sed
LWA037			88	536	146000	4090	6600	84400	6320	19000	PV Sed
LWA037			95	521	147000	4040	6520	82500	6190	18600	PV Sed
LWA037			101	522	146000	4100	6820	85000	6510	19500	Basal Sand
LWA037			107	524	145000	3990	6700	83400	6590	19800	Basal Sand
LWA037			113	517	145000	3950	6700	82600	6400	19200	Basal Sand
LWA037			114	515	146000	4340	6540	86400	6270	18800	Basal Sand
LWA038			5	849	109000	2810	4690	62000	4600	13800	Playa Sed
LWA038			11	686	127000	3420	5400	72500	4980	14900	Playa Sed
LWA038			17	700	131000	3440	5430	73500	5080	15200	Playa Sed
LWA038			95	661.5	128000	3450	5590	74000	5255	15800	PV Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA038			101	490	138000	3670	6480	81100	6620	19900	PV Sed
LWA038			107	484	147000	3940	6940	85300	7030	21100	Basal Sand
LWA038			113	451	135000	3640	6330	78300	6580	19700	Basal Sand
LWA038			118	448	137000	3850	6270	82700	6620	19900	Basal Sand
LWA038			118	594	132000	3730	5740	78800	5510	16500	Basal Sand
LWA039			11	1050	76100	2020	3900	43200	4060	12200	Playa Sed
LWA039			17	464	149000	4160	7930	85200	7510	22500	Playa Sed
LWA039			23	451.5	153000	4260	8170	88000	7710	23200	PV Sed
LWA039			95	456	147000	3740	7450	85600	7120	21400	PV Sed
LWA039			101	465	149000	3830	7580	88200	7190	21600	PV Sed
LWA039			107	475	153000	4000	7860	91700	7660	23000	PV Sed
LWA039			113	455	154000	3950	7660	86700	7410	22200	Basal Sand
LWA039			119	463	158000	4010	7760	91000	7490	22500	Basal Sand
LWA039A			17	669	110300	2960	6740	68400	7040	21100	Playa Sed
LWA039A			23	633	115200	2930	6670	68400	6900	20700	Playa Sed
LWA039A			53	553	125950	3270	7450	76200	7180	21500	PV Sed
LWA039B			17	570	103450	2630	6840	67000	7310	21900	Playa Sed
LWA039B			41	509	146550	3720	8380	89000	8070	24200	PV Sed
LWA039B			47	381	173600	4340	9420	98700	8410	25200	PV Sed
LWA039B			101	471	156050	3920	8640	95800	8230	24700	PV Sed
LWA039B			107	504	152850	3990	8300	94800	8250	24800	Basal Sand
LWA039C			17	285	46550	1030	3170	28000	3580	10700	Playa Sed
LWA039C			23	331	55150	1240	3940	36800	4630	13900	PV Sed
LWA039C			29	308	53600	1170	3630	33200	4220	12700	PV Sed
LWA040			41	566.5	141500	4335	6670	83850	6245	18750	PV Sed
LWA040			59	651	130000	4010	6310	80000	6240	18700	PV Sed
LWA040			71	548	146000	4460	6650	85400	6100	18300	PV Sed
LWA040			77	553	150000	4690	6940	90400	6250	18800	PV Sed
LWA041			17	774	118000	3410	5580	72500	5160	15500	Playa Sed
LWA041			23	759	117000	3400	5530	72100	5030	15100	PV Sed
LWA041			65	792	109000	3120	5130	66400	4810	14400	PV Sed
LWA041			119	424	109000	2890	5140	65200	4630	13900	Basal Sand
LWA041			125	437	112000	3010	5310	68000	4960	14900	Basal Sand
LWA041R			23	691	106600	2660	4610	54100	4220	12700	Playa Sed
LWA041R			101	705	108900	2960	5130	59500	4440	13300	PV Sed
LWA041R			107	650	104850	2640	4610	54500	3990	12000	PV Sed
LWA041R			113	650	120300	3210	5810	66700	5080	15200	Basal Sand
LWA041R			119	529	144950	3400	6300	73000	4480	16700	Basal Sand
LWA042			23	532	115000	2970	6360	67100	5960	17900	Playa Sed
LWA042			29	623	116000	2980	6310	68200	5950	17900	PV Sed
LWA042			95	563	140000	3760	6610	81400	6170	18500	PV Sed
LWA043			95	659	135000	3740	6290	79700	5110	15300	PV Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA043			101	660	133000	3740	6190	75700	5010	15000	PV Sed
LWA043			107	672	133000	3720	6190	74000	5030	15100	PV Sed
LWA043			113	665	133000	3660	6100	72000	5000	15000	PV Sed
LWA043			119	662	133000	3760	6200	78500	5150	15500	PV Sed
LWA043			125	150	25500	700	1210	16000	1050	3150	Basal Sand
LWA044			17	435	52200	1100	2940	31400	2650	7950	Playa Sed
LWA044			95	405	117000	3230	5230	71100	5340	16000	PV Sed
LWA044			101	622	111000	2360	5660	67200	5420	16300	Basal Sand
LWA044			107	628	107000	2080	5430	63300	5240	15700	Basal Sand
LWA045			11	925	121000	3140	5460	69200	4010	12000	Playa Sed
LWA045			41	1070	84900	2270	3830	48500	3040	9120	PV Sed
LWA045			53	1040	83300	2210	3660	48100	3020	9060	PV Sed
LWA045			59	1050	85900	2260	3810	49500	3020	9060	PV Sed
LWA045			83	1070	83500	2270	3860	50100	3000	9000	PV Sed
LWA045			89	1080	85400	2280	3910	51300	3070	9210	PV Sed
LWA045			95	1080	85900	2320	3930	51200	3130	9390	Basement
LWA045			101	1020	89400	2440	4080	54700	3210	9630	Basement
LWA045			107	805	127000	3300	5740	72900	4430	13300	Basement
LWA046			23	971	104000	2620	5230	59800	4090	12300	PV Sed
LWA046			29	813	120000	2940	5910	68900	4550	13700	PV Sed
LWA047			23	855	112000	2760	5570	64400	4520	13600	PV Sed
LWA047			29	849	113000	2830	5540	65700	4470	13400	PV Sed
LWA048			11	1160	62900	1780	2410	38700	2240	6720	Playa Sed
LWA048			17	1110	62000	1730	2380	37400	2160	6480	Playa Sed
LWA048			59	1340	67000	1820	2640	40800	2480	7440	PV Sed
LWA048			95	729	98300	2430	4780	58700	3820	11500	PV Sed
LWA048			101	780	108000	2630	5310	63600	4290	12900	PV Sed
LWA048			107	848	102000	2530	5050	60800	4050	12200	PV Sed
LWA048			119	785	120000	2990	5930	72800	4710	14100	Basal Sand
LWA048			125	695	130000	3210	6290	76400	4960	14900	Basal Sand
LWA049			17	678	119650	2880	6110	71200	5230	15700	Playa Sed
LWA049			23	668	126650	3050	6600	73900	5680	17000	PV Sed
LWA049			30	626	129800	3070	6820	76100	5780	17300	PV Sed
LWA049			36	627	129800	3100	6850	75900	5860	17600	PV Sed
LWA049R			17	774	117000	2860	6070	68300	5550	16700	Playa Sed
LWA049R			23	705	119150	2900	6280	73500	5690	17100	PV Sed
LWA049R			29	694	119850	2880	6250	72900	5470	16400	PV Sed
LWA049R			101	708	116650	2820	6080	69800	5230	15700	PV Sed
LWA049R			113	637	127350	3030	6580	73200	5630	16900	Basal Sand
LWA049R			119	681	127200	3040	6690	77200	5740	17200	Basement
LWA049R			125	626	130350	3140	6790	79500	5860	17600	Basement
LWA050			11	890	91450	2260	5030	57500	5200	15600	Playa Sed

Hole_ID	Sample_No	From	To	Ca	Cl	K	Mg	Na	S	SO_4	Hydrostratigraphy
		metres	metres	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
LWA050			17	687	103350	2640	5760	63200	5600	16800	PV Sed
LWA050			47	674	119650	3040	6110	71600	5450	16400	PV Sed
LWA050			95	646	132600	3270	6730	78500	5970	17900	PV Sed
LWA050			101	623	139100	3380	7050	83100	6100	18300	Basal Sand
LWA050			114	600	139950	3390	7050	81800	6040	18100	Basement
LWA051			17	654	131400	3240	7140	77100	5480	16400	Playa Sed
LWA051			23	628	126150	3120	6650	74500	5230	15700	PV Sed
LWA051			120	570	136300	3220	7150	78700	6100	18300	Basal Sand
LWA051			132	458	103550	2470	5470	62800	4600	13800	Basement