## **ASX RELEASE**



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# DORA WEST POTASH PROJECT DRILLING RESULTS

# **Highlights**

- Recent drilling indicates potential for a substantial brine aquifer in the Dora West (DW) tenement area.
- Brines analysed (under-saturated) contained up to 7.5kg/m³ SOP.
- Static Water Table is very shallow in the central portion of the DW tenement less than 4m from surface.
- Brine flows increase with depth (4-5 litres/second from ~130m).
- DW Brine chemistry similar to Lake Disappointment suitable for SOP recovery.
- . Grant of Reward's adjacent tenement application is imminent.

Reward Minerals Limited ("Reward" or the "Company") is pleased to provide results from the drilling program recently completed at the Dora West (DW) Project in Western Australia.

During May 2014 the Company drilled 10 holes for 1,218 metres in the DW Project area (E45/3246) using a Reverse Circulation (RC) rig fitted with a 750 PSI 350 CFM air pack. Hole diameters were nominally four and one quarter inch (110mm).

Drill hole collar locations and hole depths for the program are provided in Table 1 and Figure 1.

Table 1 - Location and depth of Dora West drill holes

Hole ID	East (51)	North (51)	Dip	Total Depth (m)
DRC1401	460637	7585766	-90	120
DRC1402	464669	7584273	-90	120
DRC1403	467986	7582543	-90	66
DRC1404	459122	7588818	-90	186
DRC1405	462616	7587221	-90	66
DRC1406	472200	7583970	-90	72
DRC1409	462264	7591753	-90	114
DRC1412	456159	7597951	-90	162
DRC1413	461355	7596219	-90	150

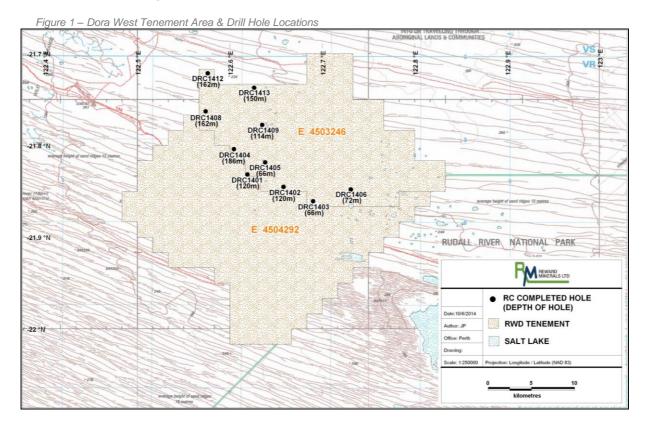
The static water table (SWT) in the DW drilling area is generally less than four metres below surface. Significant brine flows were observed in holes DRC1401 and 1402 at the six metre depth point (end of first drill rod).

Heavy brine flows were encountered in five of the 10 holes drilled at DW. Brine flows quoted were obtained by airlift technique from holes drilled by the RC rig. Brine flows increased significantly with depth having flow rates of around four litres per second from

around 130 metres vertical depth. Lower flow rates observed in the upper section of the profile are in part due to the clayey nature and low porosity of the shallow sediments. Some of the holes may not have been drilled deep enough to tap the high brine flow aquifer horizon.

Drill logging indicated heavily oxidized and unconsolidated clays and sediments of the Patterson formation in the shallow profile. Fresh bedrock was encountered in several holes. Follow up core drilling is planned to provide more detailed sample recovery, lithological and hydrogeological information.

The Total Dissolved Ions (TDI) figure (Appendix 1) in the DW brines peaked at 150g/litre indicating that the brines are well below saturation level (ca.300g/litre). TDI values were highest in holes forming a line between DRC1402 and DRC1412 (Figure 1) suggesting that these holes are located on the northeast margin of the brine aquifer. These holes are also located near the boundary of E45/3246. Drilling was restricted to E45/3246 because the Company's adjoining tenement ELA45/4292 (Figure 1) had not been granted at the time of the drilling. Grant of E45/4292 is imminent and further drilling is planned to test the area immediately south of DRC1401, 1402 and 1403 which produced high brine flows and high salinities in the first round drilling at DW.



Brines recovered from DW drilling graded up to 7.5kg/m³ Potassium Sulfate (SOP)(3.4kg/m³ Potassium). Brines also contained significant levels of Magnesium and Sulfate.

The average Magnesium to Potassium (Mg:K) and Sulfate to Potassium (SO<sub>4</sub>:K) ratios for brines recovered from the recent drilling program were approximately 1.5 and 9.5 respectively. These are somewhat higher than the values of the current Lake Disappointment (LD) near surface resource brine (refer to Table 2). The average Sodium Chloride to SOP (NaCl:SOP) ratio was 14 which was approximately 25% lower than that at LD.

Table 2 – Brine composition ratios

	Dora West	Lake Disappointment
Mg:K	1.5	1.1
SO <sub>4</sub> :K	9.5	4.7
NaCl:SOP	14.0	19.2

Thus, the Magnesium and Sulfate values in the DW brines are significantly higher (relative to Potassium) than in the Lake Disappointment resource brine.

On this basis and in a practical sense, the DW brines should be suitable for production of SOP via the K:Mg intermediates Kainite and Leonite as proposed for processing of the current LD resource brine. The lower NaCl content of the DW brines relative to the SOP content versus the LD resource brine means that the NaCl deposited would be approximately 75% of that at LD per tonne of SOP produced.

Further drilling is required at DW to evaluate the Potash resource potential of the area but initial drilling results are encouraging. The results of the recent drilling supports the Palaeovalley concept proposed by Geoscience Australia on the basis of the high conductivity signature observed in their 2008 Aerial Electromagnetic (AEM) survey being derived from highly conductive brines entrained in sediments filling numerous drainage channels in the Patterson region of Western Australia. Refer to Figure 2 below.

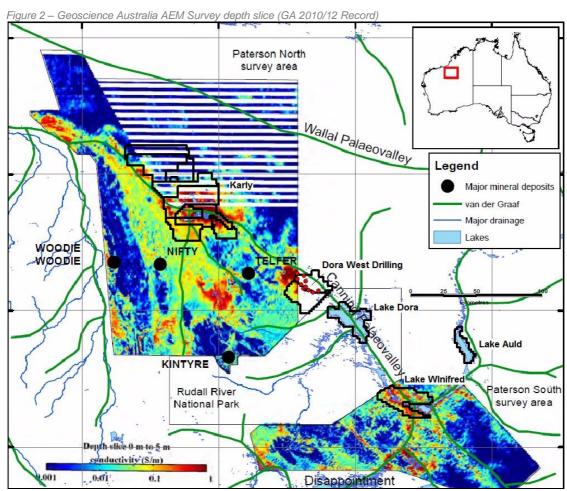


Figure 5.4: 0-5 m GA-LEI conductivity depth slice overlain by surface features including lakes from the 1:1 000 000 Surface Geology of Western Australia (Stewart, 2008) and the interpreted palaeovalley net from van der Graaf et al. (1977).

The next round of drilling at DW will involve RC and Core drilling on ELs45/3246 and 45/4292. Some drill holes will be cased and established as brine production bores to better define the brine recovery parameters and thereby define the recoverable brine resource per square kilometre of the resource area.

Analytical results for the DW drill programme are provided in Appendix 1.

Yours faithfully,

Michael Ruane Director on behalf of the Board

#### **Competent Persons Statement**

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr David O'Farrell, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr O'Farrell is a consultant to Reward Minerals Ltd. Mr O'Farrell has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity 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 O'Farrell consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# Appendix 1: Dora West Brine Analysis Data

					Assays (mg/	L)			
	Depth	Flow Rate	K	K₂SO₄	Mg	Na	SO <sub>4</sub>	CI	TDI
Hole ID	(m)	(I/sec)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
DRC1401	6m	2	2080	4643	2840	20900	20310	31950	78775
DRC1401	12m	2	2390	5335	3108	23150	22320	39050	90723
DRC1401	18m	3	2340	5223	3088	22910	22200	39050	90288
DRC1401	24m	2.5	2420	5402	3166	23570	22950	35500	88316
DRC1401	30m	3	3130	6987	3880	32490	27030	53250	120470
DRC1401	36m	3	3380	7545	4260	39410	31110	60350	139160
DRC1401	60m	3	3450	7701	4498	41660	33090	60350	143683
DRC1401	66m	2.5	3410	7612	4360	41690	31590	63900	145595
DRC1401	72m	2.5	3390	7567	4250	39650	31440	63900	143290
DRC1401	84m	3	3340	7455	4298	41200	32400	63900	145838
DRC1401	90m	3	3390	7567	4380	41540	32490	63900	146385
DRC1401	96m	3	3400	7589	4486	40790	32550	60350	142251
DRC1401	102m	3	3010	6719	4016	37030	29880	56800	131441
DRC1401	108m	3	3170	7076	4092	40240	32130	67450	147762
DRC1401	114m	3	2940	6563	4036	38410	29100	63900	139086
DRC1401	120m	3	3200	7143	4298	40590	31620	60350	140713
DRC1402	6m	<1	1940	4330	2048	20530	17490	31950	74713
DRC1402	66m	1	2140	4777	2456	24590	19560	35500	85026
DRC1402	78m	1	1930	4308	2094	21410	17220	35500	78924
DRC1402	84m	1.5	2050	4576	2372	22370	18960	39050	85572
DRC1402	90m	1.5	2140	4777	2426	24030	19770	35500	84641
DRC1402	96m	1.5	1980	4420	2164	21850	18060	35500	80314
DRC1402	102m	2	2070	4621	2400	22830	18990	35500	82580
DRC1402	108m	2	1950	4353	2202	22200	18120	31950	77232
DRC1402	114m	2	2030	4531	2202	22480	18270	35500	81267
DRC1402	120m	2	2050	4576	2224	22830	18240	31950	78069
DRC1403	6m	<0.5	150	335	274	2040	2040	-	4819
DRC1403	36m	<0.5	130	290	264	2002	1920	3550	8156
DRC1403	60m	<0.5	140	313	222	2078	1800	3550	8020
DRC1404	12m	<0.25	2370	5290	3048	20700	20430	35500	82803
DRC1404	18m	0.5	2340	5223	2970	20840	19740	35500	82140
DRC1404	24m	1	2540	5670	3084	22230	21240	35500	85304
DRC1404	30m	1.5	2540	5670	3004	22600	21090	35500	85474
DRC1404	42m	1.5	2640	5893	3098	24070	22380	35500	88428
DRC1404	48m	2	2590	5781	3136	23840	22230	39050	91586
DRC1404	72m	2.5	2570	5737	3056	23960	22650	74550	127501
DRC1404	78m	2.5	2560	5714	3008	24020	20760	35500	86538
DRC1404	114m	2.5	2570	5737	3118	25390	21750	39050	92563
DRC1404	132m	4	2040	4554	2972	33340	21120	49700	109927
DRC1404	138m	4	2020	4509	2782	33540	19260	46150	104507
DRC1404	144m	4	2020	4509	2816	30620	20550	49700	106461
DRC1404		4	1980	4420	2994	32480	20370	46150	104709
DRC1404	TOUL								
	150m 156m							53250	
	156m	3	1880	4196	2960 2944	31890	20010	53250 53250	110760
DRC1404	156m 162m	3 4	1880 1870	4196 4174	2960 2944	31890 31420	20010 19740	53250	110760 110009
DRC1404 DRC1404	156m 162m 168m	3 4 4	1880 1870 1830	4196 4174 4085	2960 2944 2834	31890 31420 29270	20010 19740 19410		110760 110009 100264
DRC1404 DRC1404 DRC1404	156m 162m 168m 174m	3 4 4 4	1880 1870 1830 1810	4196 4174 4085 4040	2960 2944	31890 31420 29270 31960	20010 19740 19410 19500	53250 46150	110760 110009 100264 106622
DRC1404 DRC1404	156m 162m 168m	3 4 4	1880 1870 1830	4196 4174 4085	2960 2944 2834 2882	31890 31420 29270	20010 19740 19410	53250 46150 49700	110760 110009 100264
DRC1404 DRC1404 DRC1404 DRC1404 DRC1404	156m 162m 168m 174m 180m 186m	3 4 4 4 4.5 4.5	1880 1870 1830 1810 1840 1840	4196 4174 4085 4040 4107 4107	2960 2944 2834 2882 2842 2914	31890 31420 29270 31960 31470 29440	20010 19740 19410 19500 19290 19950	53250 46150 49700 49700 46150	110760 110009 100264 106622 105897 101069
DRC1404 DRC1404 DRC1404 DRC1404 DRC1404 DRC1404	156m 162m 168m 174m 180m 186m	3 4 4 4 4.5 4.5	1880 1870 1830 1810 1840 1840 2500	4196 4174 4085 4040 4107 4107 5580	2960 2944 2834 2882 2842 2914 3202	31890 31420 29270 31960 31470 29440 26260	20010 19740 19410 19500 19290 19950 23730	53250 46150 49700 49700 46150 39050	110760 110009 100264 106622 105897 101069
DRC1404 DRC1404 DRC1404 DRC1404 DRC1404 DRC1408 DRC1408	156m 162m 168m 174m 180m 186m 12m 18m	3 4 4 4 4.5 4.5 1 1	1880 1870 1830 1810 1840 1840 2500 2490	4196 4174 4085 4040 4107 4107 5580 5558	2960 2944 2834 2882 2842 2914 3202 3144	31890 31420 29270 31960 31470 29440 26260 27690	20010 19740 19410 19500 19500 19950 23730 23370	53250 46150 49700 49700 46150 39050 39050	110760 110009 100264 106622 105897 101069 95417 96409
DRC1404 DRC1404 DRC1404 DRC1404 DRC1404 DRC1408 DRC1408 DRC1408	156m 162m 168m 174m 180m 186m 12m 18m 24m	3 4 4 4 4.5 4.5 1 1	1880 1870 1830 1810 1840 1840 2500 2490 2510	4196 4174 4085 4040 4107 4107 5580 5558 5603	2960 2944 2834 2882 2842 2914 3202 3144 3168	31890 31420 29270 31960 31470 29440 26260 27690 26770	20010 19740 19410 19500 19290 19950 23730 23370 23220	53250 46150 49700 49700 46150 39050 39050 42600	110760 110009 100264 106622 105897 101069 95417 96409 98933
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DRC1404 DRC1404 DRC1404 DRC1404 DRC1404 DRC1408 DRC1408 DRC1408	156m 162m 168m 174m 180m 186m 12m 18m 24m	3 4 4 4 4.5 4.5 1 1	1880 1870 1830 1810 1840 1840 2500 2490 2510	4196 4174 4085 4040 4107 4107 5580 5558 5603	2960 2944 2834 2882 2842 2914 3202 3144 3168	31890 31420 29270 31960 31470 29440 26260 27690 26770	20010 19740 19410 19500 19290 19950 23730 23370 23220	53250 46150 49700 49700 46150 39050 39050 42600	110760 110009 100264 106622 105897 101069 95417 96409 98933

	Depth	Flow Rate	K	K <sub>2</sub> SO <sub>4</sub> <sup>(a)</sup>	Mg	Na	SO <sub>4</sub> (b)	CI	TDI <sup>(d)</sup>
Hole ID	(m)	(I/sec)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
DRC1408	144m	4	2150	4799	2632	32900	21870	49700	109992
DRC1408	150m	4	2120	4732	2650	35160	21480	85200	147355
DRC1408	156m	4	2050	4576	2564	34090	21630	21300	82369
DRC1408	162m	4	2150	4799	2766	35810	22590	53250	117316
DRC1409	12m	0.25	290	647	1292	9244	6120	17750	35751
DRC1412	12m	0.25	2090	4665	2768	29770	18180	46150	99728
DRC1412	18m	0.25	2100	4688	2776	29590	18210	49700	103146
DRC1412	24m	0.25	2120	4732	2712	27750	18780	49700	101832
DRC1412	30m	0.5	2150	4799	2856	30470	18450	49700	104396
DRC1412	36m	1.5	2150	4799	2888	30190	19080	49700	104763
DRC1412	60m	0.25	2160	4821	3062	33700	20640	56800	117087
DRC1412	72m	0.25	2110	4710	3090	33140	20700	56800	116555
DRC1412	78m	2	2120	4732	3164	32540	21120	53250	112929
DRC1412	90m	2	2130	4754	3014	32830	20370	49700	108784
DRC1412	96m	2	2110	4710	3028	33150	20220	49700	108953
DRC1412	102m	2	2150	4799	3198	35430	21840	53250	116613
DRC1412	132m	3	2200	4911	2544	31300	21540	53250	111559
DRC1412	138m	4	2260	5045	3092	33550	23940	46150	109732
DRC1412	144m	4.5	2210	4933	2648	31130	21900	49700	108308
DRC1412	150m	5	2270	5067	3010	32980	23040	49700	111550
DRC1412	156m	5	2280	5089	2544	31010	22200	46150	104914
DRC1412	162m	5	2240	5000	2552	31520	22020	49700	108752
DRC1413	42m	0.25	260	580	874	7068	-	10650	19472
DRC1413	48m	0.5	170	379	374	4260	2790	-	7854
DRC1413	54m	1	180	402	426	4888	3240	10650	19669
DRC1413	60m	1	190	424	472	5150	3420	7100	16627
DRC1413	66m	1.5	200	446	460	5162	3450	7100	16662
DRC1413	72m	2	180	402	452	5012	3240	14200	23364
DRC1413	78m	2	460	1027	2022	11840	11340	17750	44222
DRC1413	84m	1	460	1027	1810	12290	9600	24850	49865
DRC1413	96m	1.5	450	1004	1724	12140	9690	24850	49689
DRC1413	102m	2	340	759	1178	9208	7260	17750	36331
DRC1413	108m	2	260	580	702	6618	4920	10650	23535
DRC1413	114m	2	400	893	1412	10220	8130	17750	38637
DRC1413	120m	2	250	558	700	6708	4890	10650	23593
DRC1413	126m	2	290	647	860	7168	5910	14200	28878
DRC1413	132m	4	1030	2299	2478	-	15690	31950	51948
DRC1413	138m	4	1020	2277	2362	19860	15120	31950	71097
DRC1413	144m	4	1200	2679	2632	22340	17910	31950	76782
DRC1413	150m	4	1220	2723	2724	23410	18300	42600	88989

#### Notes:

- a) The SOP values are quoted in the context of the brines containing high levels of Sulfate, well in excess of the level required to produce SOP from the brines recovered
- b) SO<sub>4</sub> values are obtained by multiplying the total Sulfur (S) analysis by a factor of three
   c) The analytical averages are regarded as approximate only in view of the manner in which brine is recovered from the holes drilled in the program
- d) Total Dissolved lons figures are the sum of K, Mg, Na, SO4 and Cl ions and should be close to the Total Dissolved Solids (TDS) determined by evaporation.

### **Section 1 Sampling Techniques and Data**

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).	The program involved the drilling of 10 holes Drilling was performed using a conventional reverse circulation high pressure air rig. Drilling involved blade and hammer bits depending on whether drilling in soft sediment (blade) or hard rock formation (hammer).
	These examples should not be taken as limiting the broad meaning of sampling.	Solid samples were collected for each metre drilled where possible and retained for later examination.
		The focus of the program was on recovery of brine from respective levels in the holes drilled to ascertain the potential for the formation to host significant brine resources containing Potash minerals.
		In this context, where water or brine were encountered and drained at sufficient rates into the drill string, samples were collected at each 6m rod change. Brine was airlifted from the hole and collected in a bucket from the rig cyclone.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Samples collected were allowed to settle and clear brine was decanted for analysis. A field specific gravity reading was taken. Brine analyses were conducted by ALS/Ammtec laboratory in Balcatta WA using standard ICP MS methods. Analytical results are regarded as indicative only because of brine seepage (into most holes) from all levels below the static water level (SWL) any brine sample collected represents a composite of brines from all levels in the hole. The degree of mixing of brines from each level is difficult to estimate with the type of drilling used.
	Aspects of the determination of mineralisation that are Material to the Public Report.	The brine flow rates shown in the data table are likewise regarded as indicative estimates only. Airlifting of brine via a high pressure air rig of the type used is by nature inaccurate and inexact. Measurement of the brine flow via conventional weir/channel techniques is regarded as practical but indicative only.
	In cases where 'industry standard' work has been done this would be relatively simple (eg	Drill holes that produce significant flows of high salinity brine will be cased and developed as

Criteria	JORC Code explanation	Commentary
	'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.	bores to provide more definitive brine flow and composition at a future date.
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).	Reverse Circulation drilling with 110mm diameter holes with a depth capacity of 150m+.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Solid samples for each metre drilled – where possible. Brine samples collected at 6m intervals when sufficient flow is available (each rod change). Brine sampling is indicative only.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Samples collected were of a reconnaissance nature only.
	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.	Brine sampling is indicative only. Brines will be compared to soluble K,Mg analysis of RC chips.  Analysis of solid materials likewise will be indicative only with the RC drilling used.
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.	All holes were logged by the onsite geologist including Static Water Level (SWL) and brine inflow data at selected levels. Because of the high moisture content logging was regarded as qualitative only.
		The key logging parameters were SWL, identification of aquifers and picking the base of sediment/top of basement interface horizon.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Qualitative, see above.
	The total length and percentage of the relevant intersections logged.	See above.
Sub-	If core, whether cut or sawn and whether	No cores taken.

Criteria	JORC Code explanation	Commentary
sampling techniques and sample preparation	quarter, half or all core taken.	
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Solid samples collected via rig cyclone. Retained for future analysis.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Brines were collected at 6m intervals and analysed separately where available. Intermixing of brine at one level with those above makes accurate estimation of composite grade for each level brine problematical.
		Solid samples recovered have been retained for future analysis. Estimates of entrained brine content, soluble salts and composition may be undertaken at a future date.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	As above.
	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.	As above.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Brine samples collected regarded as representative of a particular site but analyses are qualitative only.
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.	The brine samples collected were analysed at a reputable independent laboratory (Australian Laboratory Services Ltd). Internal standards are used to calibrate equipment and analytical procedures.
		The program is regarded as reconnaissance and of an indicative nature only.
		No field analyses were involved and no internal standards or blanks were included in samples submitted for analysis at this stage.
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model,	No field analyses undertaken. Samples sent to ALS after Company labelling for security purposes. Chloride analysis conducted in house.

Criteria	JORC Code explanation	Commentary
	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.	Reconnaissance work only. No standards or blanks included for this stage. Internal standards and blanks also used in the Chloride determinations conducted in house.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	See above.
	The use of twinned holes.	Individual holes only.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Data storage as PDF/Excel files on Company PCs in Perth.
	Discuss any adjustment to assay data.	Some analytical results corrected for dilution factors.
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.	Collars of the respective holes were located by GPS (± 5M). Reduced levels (RLs) were noted but are not regarded as of sufficient accuracy to formally record at this time.
	Specification of the grid system used.	UTM grid – GDA 94 Z51
	Quality and adequacy of topographic control.	See above regarding RLs.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill hole collar locations were set at approximately 4km spacings. Collar coordinates shown in Table 1 hereto.
	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.	Drilling is of a reconnaissance nature only. No resource implications at this time.
	Whether sample compositing has been applied.	See above – back mixing of brines collected.
Orientation of data in relation to	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering	Vertical percussion holes only – no structural information possible.

Criteria	JORC Code explanation	Commentary
geological structure	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.	No orientation information obtained.
Sample security	The measures taken to ensure sample security.	Samples were submitted to the independent laboratory (ALS) labelled with Company identification only.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	In view of the reconnaissance nature of the sampling program no audit of the sampling technique or analytical techniques is warranted at this stage.

# **Section 2 Reporting of Exploration Results**

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.	Tenement drilled was EL45/3246 and is registered 100% in the name of Holocene Pty Ltd (Reward Minerals Ltd). Drilling and sampling was conducted in conjunction with Martu monitors within the Martu Determination Area.
	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.	Granted tenement subject to State Deed and Exploration Access Agreement with the Martu Traditional Owners.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	No known previous exploration performed by other parties on the exploration area.
Geology	Deposit type, geological setting and style of mineralisation.	The area drilled comprises spinifex covered sand plains believed to contain buried Paleovalleys with saline water.
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:	Location of the sampling points are provided in Table 1 and shown in Figure 1. Holes were vertical and up to 186m in depth.

Criteria	JORC Code explanation	Commentary
	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 exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods		Reconnaissance drilling only. No attempt to relate to resources hence no cut-off grades or aggregation of results.
	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.	No aggregation of results.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Only direct assay/analytical results reported. SOP value quoted was calculated as K x 2.23 (K to K <sub>2</sub> SO <sub>4</sub> ).
Relationship between mineralisation	These relationships are particularly important in the reporting of Exploration Results.	Stratigraphic drill holes for identification of palaeovalley sediment profile. See text of announcement.
widths and intercept lengths	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').	Holes were 66m - 186m maximum vertical depth. Vertical brine plus 1m solids collected. Not regarded as definitive grades.

Criteria	JORC Code explanation	Commentary
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.	See Figure 1 & 2
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.	Reconnaissance work only. Brine analyses obtained are regarded as significantly high in a geochemical sense to warrant follow up exploration. All analytical results available are provided in this release.
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.	Reconnaissance only, more detailed work planned. Core holes and pump testing to follow.  Data obtained is of a preliminary nature – geochemically anomalous samples obtained warranting follow up. Additional testwork in progress.
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	0
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Not applicable – commercially sensitive.