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ASX Announcement

3<sup>rd</sup> April 2018

# Ardmore Phosphate Rock Project

## Further High-Grade Drilling Results Returned



**CAPTION:** Resource definition drilling of the Northern Zone at Ardmore.

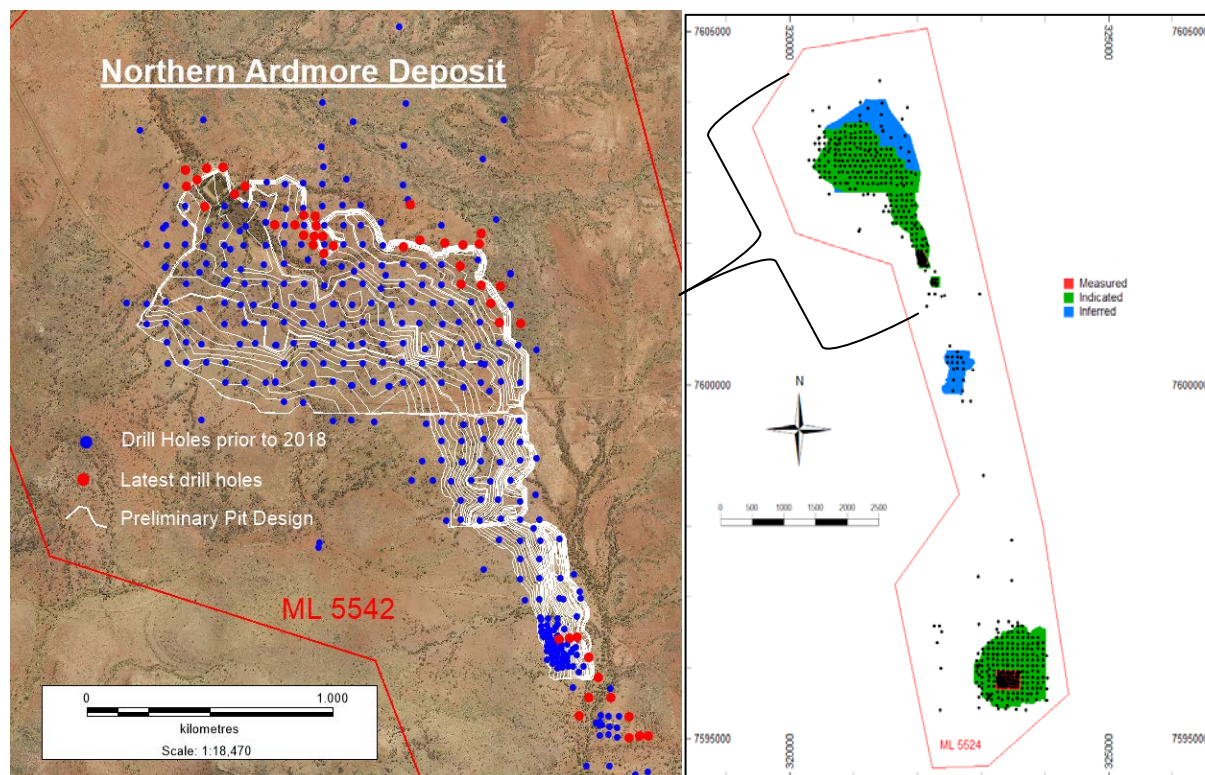
## Highlights

- ▶ Northern Ardmore drilling results returned from 45 reverse circulation (“RC”) drill holes
- ▶ Southern Ardmore drilling results from 299 rotary percussion drill holes expected shortly
- ▶ Updated Mineral Resource Estimate to commence this month with reporting in May
- ▶ Target of the recent drilling program was to define Measured Mineral Resources over first years of mining plus establish Ore Reserves over the mine life sufficient for a Feasibility Study
- ▶ Feasibility study including mine designs well advanced and targeted for completion in mid-2018
- ▶ Marketing tour of India and Indonesia completed in late March with product samples sent to the customers for testing
- ▶ Product samples also dispatched to Australian and New Zealand customers
- ▶ Independent fertiliser conversion test work commenced in the US at KemWorks

## Summary

Centrex Metals Limited (“Centrex”) has received assay results from 45 reverse circulation (“RC”) drill holes recently completed within the Northern Zone of its Ardmore Phosphate Rock Project (“Ardmore”) in North West Queensland. These holes were part of a larger resource definition drilling program completed in the last few months including 299 rotary percussion drill holes in the Southern Zone of the project. The target of the recent drilling program was to define Measured Mineral Resources over first years of mining plus establish Ore Reserves over the mine life sufficient for a Feasibility Study currently being undertaken and targeted for completion in mid-2018.

The Northern Zone RC results included both infill and extension drilling to better define the mine design limits and provide higher confidence in the small areas within the existing mine design currently categorised as Inferred Mineral Resources. The results continue to support the high-grade nature of the deposit including a southern extension of mineralisation within the Northern Zone. Those RC holes that did not intersect high-grade were on the north western margin of the ore body and were drilled to delineate the position of the bounding western fault.



**FIGURE:** Northern Zone drill hole plan showing recent RC drilling locations and existing pit designs (left), and existing Ardmore Mineral Resource areas by category (right).

A new Mineral Resource estimation is expected to be completed in the coming weeks once all analytical data for the 299 rotary percussion holes in the Southern Zone have been received. Upon completion of the new Mineral Resource estimate feasibility level mine designs will be completed so Ore Reserves can be estimated.

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## Appendix – Technical Information

**TABLE:** Ardmore Northern Zone 2018 reverse circulation drill hole collars from DGPS (all holes -90° dip at 000° azimuth, coordinate system MGA 94 Zone 54).

Hole	Easting	Northing	RL (m)	Hole Depth (m)
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
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AMRC717	321676	7603242	318	42.5
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AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
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AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0
AMRC592	320798	7603638	311	23.5
AMRC717	321676	7603242	318	42.5
AMRC718	321760	7603237	321	52.0

**TABLE:** Ardmore Northern Deposit latest reverse circulation drilling results, composited by consecutive intervals above 19% P<sub>2</sub>O<sub>5</sub> by weighted interval basis.

Hole	From (m)	To (m)	Interval (m)	P2O5
AMRC717	39.5	42.5	3	31.4
AMRC718	45.5	49	3.5	28.5
AMRC722	38.5	41.5	3	31.4
AMRC725	41.5	44	2.5	28.1
AMRC726	37	39.5	2.5	31.6
AMRC727	41	43.5	2.5	30.3
AMRC728	47.5	50	2.5	29.8
AMRC730	54.5	57	2.5	27.9
AMRC797	23.5	26	2.5	27.9
AMRC798	25.5	27.5	2	26.6
AMRC800	25	27	2	29.3
AMRC801	23.5	25.5	2	26.6
AMRC802	24	25.5	1.5	25.8
AMRC803	20.5	22.5	2	27.5
AMRC805	26	27.5	1.5	28
AMRC806	30	31.5	1.5	31.5
AMRC807	27	28	1	22.2
AMRC809	13.5	15	1.5	31.5
AMRC810	16	18.5	2.5	31.2
AMRC811	16.5	18.5	2	29.4
AMRC812	19.5	20	0.5	19.5
AMRC815	46	48	2	30.1
AMRC816	45	48.5	3.5	29
AMRC817	44.5	47	2.5	28.3
AMRC818	56	57	1	32.9
AMRC819	3.5	9	5.5	30.1
AMRC820	11.5	16.5	5	33.3

AMRC821	24	29.5	5.5	29.7
AMRC822	6.5	10	3.5	31.5
AMRC823	28	32.5	4.5	29.9
AMRC824	28	31.5	3.5	23.5
AMRC826	21	23.5	2.5	31.3
AMRC827	7	9	2	21.9
AMRC828	12	15	3	30
AMRC830	23.5	27	3.5	32.1

**TABLE:** Ardmore Northern Deposit latest reverse circulation drilling results, composited by consecutive intervals below 19% P<sub>2</sub>O<sub>5</sub> by weighted interval basis.

Hole	From (m)	To (m)	Interval (m)	P2O5
AMRC592	17	22	5	0.3
AMRC717	38	39.5	1.5	5.6
AMRC718	45	45.5	0.5	1.6
AMRC718	49	51.5	2.5	7.9
AMRC722	37.5	38.5	1	11
AMRC722	41.5	42.5	1	15
AMRC725	40.5	41.5	1	2.5
AMRC725	44	45.5	1.5	11.7
AMRC726	35.5	37	1.5	3.6
AMRC726	39.5	41	1.5	14.3
AMRC727	39	41	2	5.9
AMRC727	43.5	45	1.5	11.3
AMRC728	46.5	47.5	1	8.7
AMRC728	50	51	1	15.2
AMRC730	53.5	54.5	1	5.6
AMRC730	57	58	1	11.1
AMRC797	22.5	23.5	1	5.9
AMRC797	26	27	1	13.1
AMRC798	24.5	25.5	1	8.6
AMRC798	27.5	28.5	1	9.1
AMRC799	33	36.5	3.5	1.2
AMRC800	24.5	25	0.5	16.5
AMRC800	27	28.5	1.5	8.1
AMRC801	22.5	23.5	1	7.6
AMRC801	25.5	27	1.5	11
AMRC802	23	24	1	2.9

AMRC802	25.5	28	2.5	6
AMRC803	19.5	20.5	1	5
AMRC803	22.5	24.5	2	6
AMRC805	25	26	1	5.8
AMRC805	27.5	30	2.5	8.7
AMRC806	28	30	2	3.5
AMRC806	31.5	33.5	2	7.7
AMRC807	25	27	2	7.6
AMRC807	28	29.5	1.5	8.5
AMRC808	24	28.5	4.5	5.4
AMRC809	12	13.5	1.5	1.5
AMRC809	15	17.5	2.5	5.7
AMRC810	14.5	16	1.5	2.8
AMRC810	18.5	20	1.5	7.4
AMRC811	15.5	16.5	1	4
AMRC811	18.5	20	1.5	4.6
AMRC812	15.5	19.5	4	4.3
AMRC812	20	20.5	0.5	9.6
AMRC813	31	34.5	3.5	0.6
AMRC814	38	41.5	3.5	5.7
AMRC815	43	46	3	2.1
AMRC816	44	45	1	3.1
AMRC816	48.5	49.5	1	9.2
AMRC817	43	44.5	1.5	4.2
AMRC817	47	48.5	1.5	8.2
AMRC818	55	56	1	6.4
AMRC818	57	61	4	7.9
AMRC819	3	3.5	0.5	0.6
AMRC820	10.5	11.5	1	1.3
AMRC820	16.5	17	0.5	16.1
AMRC821	22.5	24	1.5	0.3
AMRC821	29.5	30.5	1	11.1
AMRC822	5.5	6.5	1	6.7
AMRC822	10	11	1	10
AMRC823	25	28	3	1.1
AMRC823	32.5	33	0.5	9
AMRC824	26	28	2	3.2
AMRC824	31.5	32.5	1	7.9
AMRC825	2.5	3.5	1	2
AMRC826	18.5	21	2.5	2.1

AMRC826	23.5	25.5	2	6.3
AMRC827	6.5	7	0.5	9.8
AMRC827	9	13.5	4.5	4.3
AMRC828	7.5	12	4.5	3.6
AMRC828	15	18	3	3.2
AMRC829	2	3.5	1.5	0.6
AMRC830	22.5	23.5	1	10.9
AMRC830	27	28.5	1.5	5.2

### Competent Persons Statement

*The information in this report relating to Exploration Results is based on information compiled by Mr Alastair Watts who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Watts is the General Manager Exploration of Centrex Metals Limited. Mr Watts has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking 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 Watts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*



## Ardmore Phosphate Rock Project JORC Table 1 Report

## SECTION 1: Sampling techniques and data.

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling.</i></li> <li>• <i>Sample representivity.</i></li> <li>• <i>Determination of mineralisation.</i></li> </ul>	<p>Reverse circulation (“RC”) drill holes were sampled at 0.5m down hole intervals. Samples were collected into a cone splitter mounted on the drill rig and an original and duplicate sample taken around 0.5-1kg each. All original samples logged visually as containing phosphorite were sent for analysis as well as a number of intervals either side or where the lithology indeterminate. Of the samples sent for analysis on average the duplicate of every 30<sup>th</sup> sample was also sent for assay.</p> <p>Samples were sent to Bureau Veritas in Adelaide for sample preparation and assays. Samples were crushed to -3mm and then split for a sub-sample to be pulverised in a tungsten carbide bowl. Samples were then analysed via lithium borate fusion followed by ICP.</p>

Criteria	JORC Code explanation	Commentary
<i>Drilling techniques</i>	<ul style="list-style-type: none"> <li>• <i>Drill type.</i></li> </ul>	RC drilling was completed with a 4 1/4" hammer by Kelly Drilling using a Schramm 450 with a 900 psi compressor, and an auxiliary compressor was used for drilling below the water table.
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>• <i>Method of recording and assessing sample recoveries.</i></li> <li>• <i>Measures taken to maximise sample recovery.</i></li> </ul>	Drill sample recoveries were visually estimated. An auxiliary compressor was used below the water table to increase sample recovery. RC sample weights were consistent against the set interval.
<i>Logging</i>	<ul style="list-style-type: none"> <li>• <i>Geological and geotechnical logging.</i></li> <li>• <i>Whether logging is qualitative or quantitative.</i></li> <li>• <i>Total length and percentage of the relevant intersections logged.</i></li> </ul>	Geological logging was qualitative based on visual field observations and conducted on all samples. Logging included lithology, hardness, colour, stratigraphy, grain size, moisture, and weathering. 0.5m RC samples were wet sieved for observation.
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <li>• <i>Nature, quality and appropriateness of the sample preparation technique.</i></li> <li>• <i>Quality control.</i></li> <li>• <i>Sample representivity.</i></li> <li>• <i>Sample sizes.</i></li> </ul>	RC intervals were run through a rig mounted cone splitter. 0.5m RC samples were crushed to -3mm and split for pulverising prior to analysis. Samples were generally 0.5 to 1kg. Field duplicates were taken on average every 30 <sup>th</sup> sample. Blanks and standards were submitted to the laboratory on average every 30 <sup>th</sup> sample respectively. Field duplicates showed acceptable variation.
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>• <i>Nature of quality control procedures.</i></li> </ul>	RC field duplicates were taken on average every 30 <sup>th</sup> sample from the cone splitter mounted on the drill rig. Blanks and two separate standards (sedimentary phosphorite certified reference material) were submitted to the laboratory on average every 30 <sup>th</sup> sample respectively. Field duplicates showed acceptable variation. Blanks and standard results showed no concerns.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage protocols.</li> <li>Any adjustment to assay data.</li> </ul>	<p>Data and results from field geologists was reviewed and audited by alternate company geologists via site visits and database reviews.</p> <p>No holes were twinned during this drilling program. However the previous RC Resource drilling program using the same drilling rig and sampling procedure twinned 21 of the historical rotary percussion holes completed from 1968 to 1974. The original sample pulps from the historical holes were re-assayed in 2010 using lithium borate fusion followed by ICP. Comparison of the twin pair data showed comparable results.</p> <p>Assay data reported was composited by weighted average interval for consecutive intervals above and below 19% P<sub>2</sub>O<sub>5</sub>.</p>
Location of data points	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	Drill collars were collected by a licensed surveyor using DGPS. Topography was further confirmed via a high-resolution 1m contour LIDAR survey of the mining lease. All coordinates were reported in MGA94 Zone 54.
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource.</li> <li>Whether sample compositing has been applied.</li> </ul>	<p>RC drilling was completed on a general 80m by 80m spaced grid pattern where the spacing was not already this from historical drilling programs.</p> <p>The spacing is considered sufficient to establish the degree of geological and grade continuity appropriate for estimation of a Mineral Resource.</p> <p>Reported assay results were composited by weighted average interval for consecutive intervals above and below 19% P<sub>2</sub>O<sub>5</sub> for ease of reporting.</p>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling.</li> </ul>	The holes were drilled vertically, which is considered appropriate for a shallow dipping sedimentary unit.
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	RC samples were collected in premium grade fine mesh calico bags. The calico bag samples were then transferred into plastic bags, and transported in batches in bulka bags to the laboratory.
Audits or	<ul style="list-style-type: none"> <li>The results of any audits or</li> </ul>	There has been no detailed audit or reviews by Centrex of

Criteria	JORC Code explanation	Commentary
<i>reviews</i>	<i>reviews of sampling techniques and data.</i>	the sampling techniques and data. Reviews will be undertaken as part of the Mineral Resource estimate once all sample results are returned.

## Ardmore Phosphate Rock Project JORC Table 1 Report

### SECTION 2: Reporting of Exploration Results.

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li><i>Type, reference name/number, location and ownership including agreements.</i></li> <li><i>The security of the tenure held at the time of reporting.</i></li> </ul>	<p>The project is held on Mining Lease ML5542 held by Centrex Phosphate Pty Ltd, a 100% subsidiary of Centrex Metals Limited. The Ardmore Mining Lease (ML 5542) was renewed in July 2017 for a 21 year term. Southern Cross Fertilisers Pty Ltd holds a 3% revenue royalty on production.</p> <p>Compensation agreements for exploration and mining with all relevant landowners over the Mining Lease are in place.</p>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li><i>Exploration by other parties.</i></li> </ul>	BH South and Queensland Phosphate Limited (Mines Exploration Pty Ltd) completed a significant amount of exploration from 1968 through to 1980, including 299 RP and 3 DD holes. Six excavations were also dug for detailed geological mapping and metallurgical testwork.
<i>Geology</i>	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<p>The Ardmore phosphate deposit was discovered in September 1966 and is located within the 'Ardmore Outlier' of the Georgina Basin.</p> <p>The Cambrian aged sedimentary phosphate deposit consists predominantly of pelletal phosphorites with small bands of collophane mudstone. The small (approx. 100-200 micron) sized pellets of carbonate-fluorapatite are thought to have formed in a shallow shelf environment.</p> <p>Within the Ardmore Outlier the single phosphate bed occurs within the Simpson Creek Phosphorite Member (SCPM) of the Beetle Creek Formation.</p> <p>The SCPM is essentially flat lying with a gentle-to-moderate dip (&lt;20 degrees) to the east and occurs spatially within two main separate areas: the Northern Zone and the Southern Zone.</p> <p>The SCPM has an approximate average thickness of 5 m in the Southern Zone and is located from surface to greater than 15 m depth.</p> <p>The Northern Zone has an approximate average thickness of 3 m and is deeper than the Southern Zone, with depths</p>

Criteria	JORC Code explanation	Commentary
		starting from near-surface in the west before dipping away to the east and extending to depths greater than 50 m.
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li><i>A summary of all information material to the understanding of the exploration results.</i></li> </ul>	The relevant exploration results, including tables of drill hole locations and assay results, have been included in the Appendix – Technical Information;
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li><i>Weighting averaging techniques and grade cuts.</i></li> <li><i>Aggregation procedure.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	Reported assay results were composited by weighted average interval for consecutive intervals above and below 19% P <sub>2</sub> O <sub>5</sub> for ease of reporting.
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li><i>Geometry of the mineralisation with respect to the drill hole angle.</i></li> </ul>	The mineralised unit is sub-horizontal to shallow dipping at between 0° to 20°, meaning true thickness of mineralisation may be slightly less than the downhole intervals reported.
<i>Diagrams</i>	<ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>	See figures included in this announcement.
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li><i>Representative reporting of both low and high grades and/or widths.</i></li> </ul>	The reporting of results in the Appendix – Technical Information, are considered to be balanced and all relevant results have been reported.
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li><i>Other exploration data.</i></li> </ul>	No other exploration data results have been received at this time.
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work.</i></li> </ul>	Upon return of assays results from all drill holes of the program a Mineral Resource update will be undertaken as part of ongoing feasibility studies for the project.