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ASX Announcement

6<sup>th</sup> July 2017

# Ardmore Phosphate Rock Project

## Maiden Mineral Resource Announced

### Highlights

- ▶ Centrex announce maiden Mineral Resource for Ardmore Phosphate Rock Project based on historical drilling and recent on-ground drill collar surveys
- ▶ Initial 12 million tonne JORC Inferred Mineral Resource at 28.7% P<sub>2</sub>O<sub>5</sub> (using 19% P<sub>2</sub>O<sub>5</sub> grade cut-off)
- ▶ One of the few remaining undeveloped high-grade phosphate rock deposits in the world
- ▶ Further resource drilling to commence in August to test other areas of the deposit considered in the previously released Exploration Target, and to infill all areas of the deposit to a level sufficient for use in mining feasibility studies
- ▶ Feasibility studies commenced for the project

### Summary

Centrex Metals Limited ("Centrex") has completed a maiden Mineral Resource estimate for its Ardmore Phosphate Rock Project ("Ardmore") in North West Queensland. The estimate was completed based on historical drilling from the 1960s through 1980s, with Centrex having undertaken drill hole collar surveys using modern GPS methods.

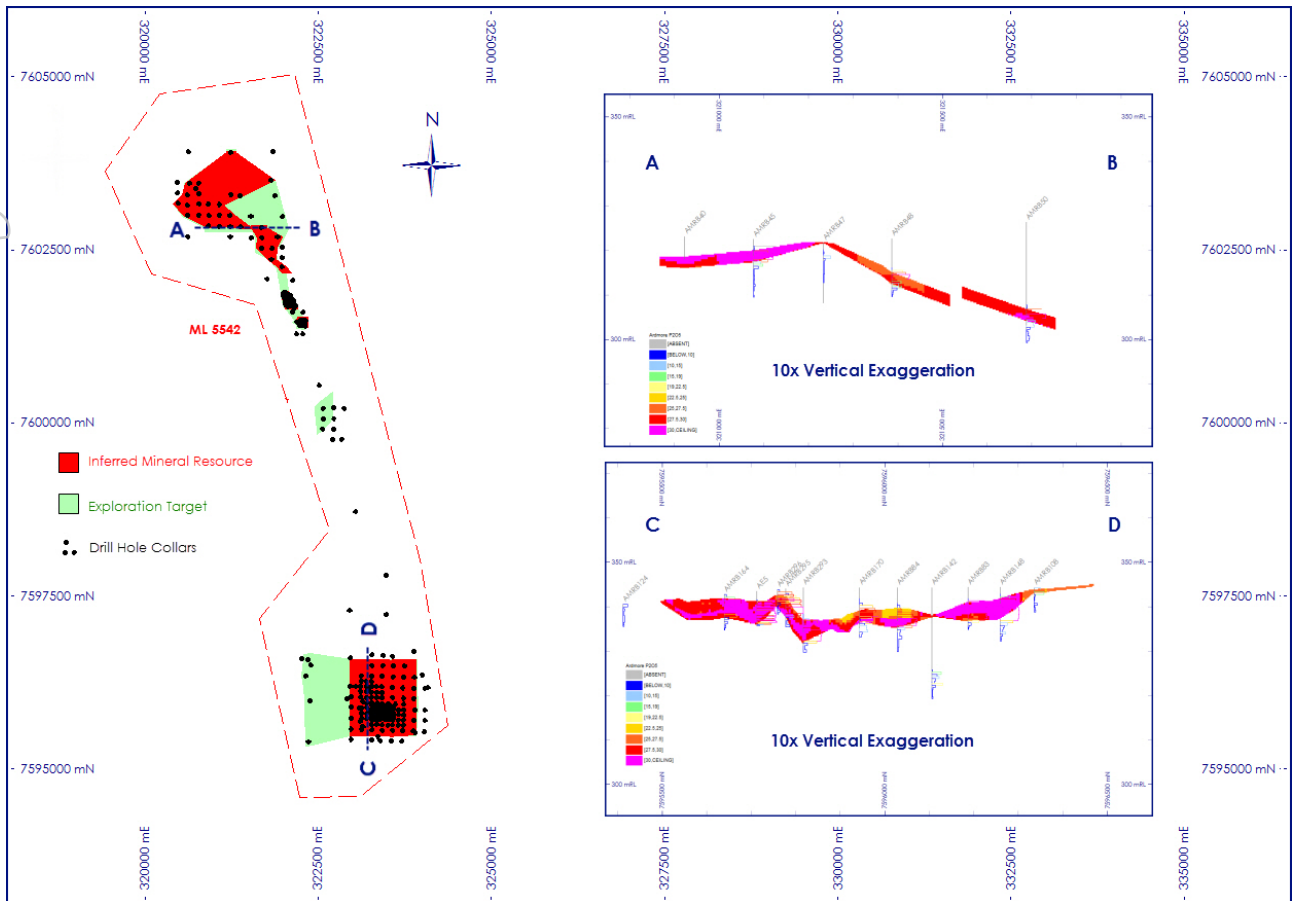
The estimate has defined a 12 million tonne Inferred Mineral Resource at 28.7% P<sub>2</sub>O<sub>5</sub> using a 19% P<sub>2</sub>O<sub>5</sub> cut-off grade. The Inferred Mineral Resource has been defined over areas that have been historically drilled at a close spacing. Further areas from the previously announced Exploration Target by Centrex, that were based on wider spaced historical drilling still require additional infill drilling to determine suitability for conversion to Mineral Resources. Centrex plans to commence this infill drilling in August. A number of twin holes will also be completed of the historical drilling to increase the confidence in the historical sampling techniques. Centrex intends to complete sufficient drilling to convert the entire deposit to a level required to support a mining feasibility study.

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The Ardmore Phosphate Rock deposit had 302 historic drill holes completed over the outcropping deposit, with drill spacing down to 20 m by 20 m in some areas. The target phosphorite unit is shallow dipping, with the average depths from surface of the hanging wall and footwall contacts being 8.3 m and 12.0 m respectively based on drilling to date, indicating favourable shallow open-cut mining operations. From historical bulk sample excavations at the site down to 10 m using a D9 dozer, the mined material is expected to be “free-dig” without the need for drill and blast.



**FIGURE:** Mapping phosphorite section at Ardmore in excavation AE4.



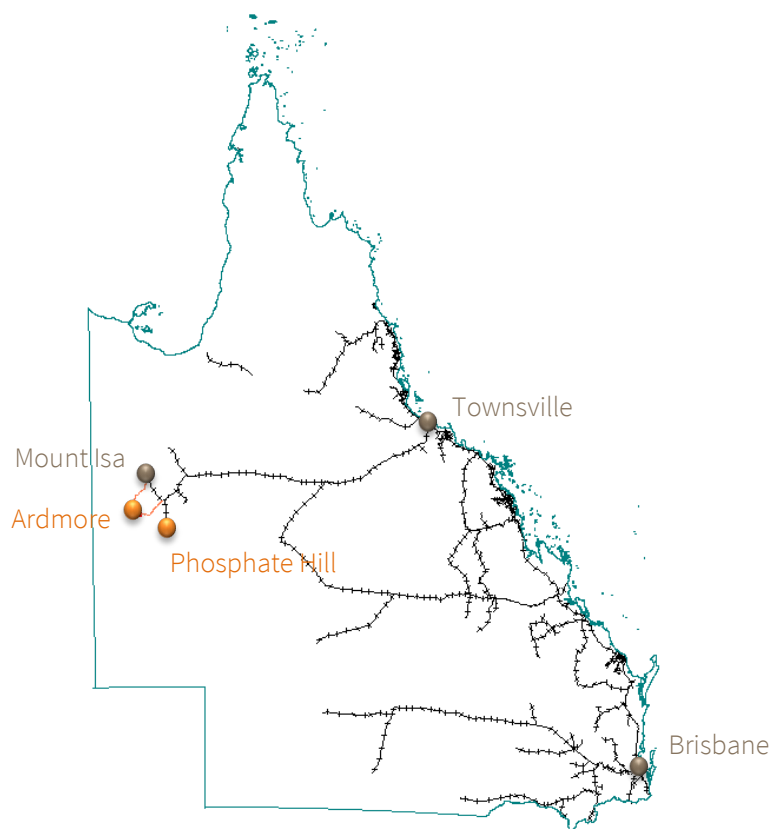
**FIGURE:** Plan view of the Ardmore high-grade phosphorite unit and historical drilling across the deposit, with vertically exaggerated section inserts, Inferred Mineral Resource areas, remaining areas of Exploration Target to infill.

**Project Description**

The Ardmore Phosphate Rock Project (“Ardmore”) is located 128 km south of the city of Mount Isa in North West Queensland. The deposit was drilled out from 1968 through to 1980 at the same time as the discovery of the Duchess Phosphate Rock Mine (“Duchess Mine”), which provides feed to the adjacent Phosphate Hill ammonium phosphate fertiliser plant. A Mining Lease for Ardmore was granted in 1975 and it has been held under common ownership with the Duchess Mine since that time, until being transferred to Centrex last month. Ardmore is a smaller high-grade satellite deposit to the main Duchess Mining operation and has until now remained undeveloped.

Centrex plans to develop a phosphate rock export operation at Ardmore to supply the nearby Asian and Australasian markets. With the bulk of the export market coming from North Africa and the Middle East, Ardmore will have a large freight advantage to these markets. Ardmore’s already high phosphate grade means processing costs will be lower than the majority of producers that require significant beneficiation to reach export grade levels. Centrex plans to truck product from Ardmore 90 km to the Mount Isa-Townsville rail line and export from Townsville through existing port facilities.

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**FIGURE:** Ardmore location map.

### Inferred Mineral Resource

Centrex engaged OreWin Pty Ltd (“OreWin”) to complete a maiden Mineral Resource estimate of the Ardmore deposit based on historical drilling from 1968 through to 1980. OreWin previously completed an Exploration Target for Ardmore based on the drilling. Centrex has now completed on-ground surveys of the historical drill hole collars using modern GPS survey methods, which has allowed the estimation of a Maiden Mineral Resource. In general historical drill holes that intersected the phosphorite horizon had been marked by pegs that were able to be located by Centrex and picked up using a handheld GPS in MGA94. Collars unable to be located in the field by Centrex were taken from original drilling logs where collars were picked up by a geo-referenced aerial photo survey completed in the late 1970s. Original drill hole log collar coordinates were transformed from AMG66 to MGA94.

OreWin has estimated an Inferred Mineral Resource of 12 million tonnes at 28.7%  $P_2O_5$  using a 19%  $P_2O_5$  cut-off from the areas previously drilled on average equal to or less than 80m by 80m drill spacing. Further areas of the deposit historically drilled at wider spacing have yet to be converted to a Mineral Resource and will require additional infill drilling by Centrex to do so. Whilst there is close-spaced drilling down to 20m by 20m within the Mineral Resource area, further twin holes are planned to validate the sampling techniques. Centrex is planning to commence further drilling in August and will complete sufficient drilling over the entire deposit to a standard suitable for a mining feasibility study.

The Inferred Mineral Resource is based on historical drilling results reported by Broken Hill South Limited (“BH South”) and Queensland Phosphate Limited from exploration conducted from 1968 to 1980. This included 299 rotary percussion and 3 diamond drill holes. The original sample pulps were re-assayed by ICP-MS in 2010 and showed good correlation with original results. Drilling results were previously reported by Centrex, see announcement 2<sup>nd</sup> February 2017;

<http://www.asx.com.au/asxpdf/20170202/pdf/43fr772d32lgt0.pdf>

Updated drill hole collar coordinates can be found in the appendices to this announcement. All other data results were reported under JORC 2012 and Centrex is not aware of any new information or data that materially affects the information contained within the release. All material assumptions and technical parameters underpinning the results reported in the announcement continue to apply and have not materially changed.

Ardmore was discovered in 1966 and is located within the ‘Ardmore Outlier’ on the eastern side of the Georgina Basin. The Cambrian aged sedimentary phosphate rock deposit consists predominantly of pelletal phosphorites (carbonate-fluorapatite) with small bands of collophane mudstone.

The target high-grade phosphorite occurs as a single, essentially flat lying unit within two separate areas, the “Northern Zone” with a strike extent of approximately 4.0 km (N-S) and the “Southern Zone” with a strike extent of approximately 1.6 km (E-W).

The target phosphorite unit is shallow dipping, with the average depths of the hanging wall and footwall contacts being 8.3 m and 12.0 m respectively based on drilling to date.

For further information, please contact:

**Ben Hammond**

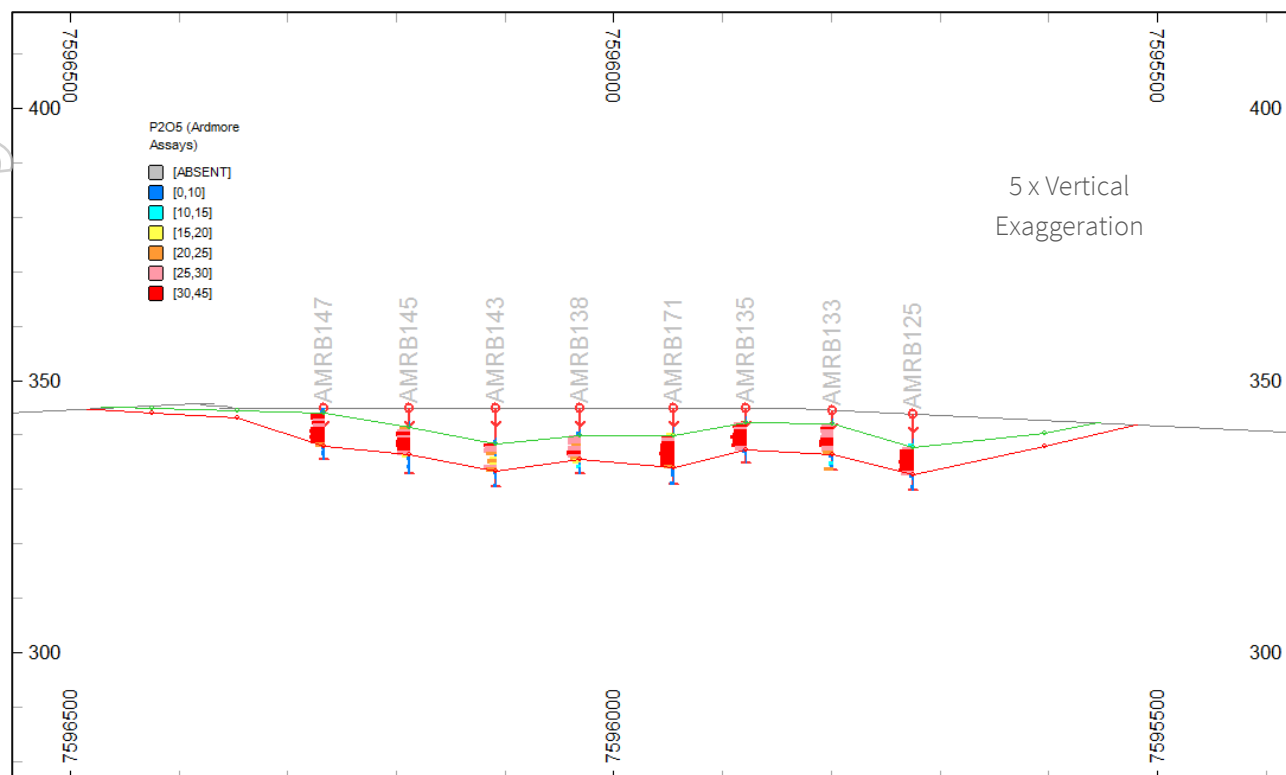
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Appendix – Technical Information



**FIGURE:** Representative north-south cross section through the Southern Zone of the deposit looking east, five times vertical exaggeration.

**TABLE:** Ardmore historical vertical drill hole (all holes -90° dip at 000° azimuth) collar and excavation location details.

| Hole                              | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|-----------------------------------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| <b>Diamond Drill Holes</b>        |                   |                    |          |                |                |                        |                      |
| AMDD1                             | 321372            | 7603275            | 325      | 42.7           | Nov-79         | BH South               | Aerial Photo Survey  |
| AMDD2                             | 321822            | 7603505            | 324      | 58.8           | Apr-80         | BH South               | Aerial Photo Survey  |
| AMDD3                             | 321988            | 7602972            | 330      | 59.0           | Apr-80         | Centrex                | Handheld GPS         |
| <b>Rotary Percussion Drilling</b> |                   |                    |          |                |                |                        |                      |
| AMRB2                             | 322366            | 7595389            | 343      | 17.5           | 5-May-68       | BH South               | Aerial Photo Survey  |
| AMRB3                             | 322975            | 7595420            | 341      | 8.4            | 4-May-68       | BH South               | Aerial Photo Survey  |
| AMRB4                             | 323559            | 7595403            | 340      | 8.4            | 4-May-68       | BH South               | Aerial Photo Survey  |
| AMRB5                             | 322385            | 7595985            | 341      | 14.5           | 4-May-68       | Centrex                | Handheld GPS         |
| AMRB6                             | 322981            | 7596035            | 346      | 19.8           | 4-May-68       | Centrex                | Handheld GPS         |
| AMRB7                             | 323583            | 7596026            | 342      | 22.1           | 4-May-68       | Centrex                | Handheld GPS         |
| AMRB8                             | 322360            | 7596575            | 337      | 16             | 3-May-68       | Centrex                | Handheld GPS         |



| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB9   | 322971            | 7596601            | 343      | 23.6           | 3-May-68       | Centrex                | Handheld GPS         |
| AMRB10  | 323583            | 7596624            | 342      | 13.7           | 5-May-68       | Centrex                | Handheld GPS         |
| AMRB11  | 322961            | 7597281            | 337      | 17.5           | 6-May-68       | Centrex                | Handheld GPS         |
| AMRB12  | 323487            | 7597222            | 336      | 18.3           | 5-May-68       | BH South               | Aerial Photo Survey  |
| AMRB13  | 323485            | 7597796            | 334      | 14.5           | 6-Jun-68       | BH South               | Aerial Photo Survey  |
| AMRB14  | 323047            | 7598707            | 330      | 14.5           | 6-Jun-68       | Centrex                | Handheld GPS         |
| AMRB15  | 322566            | 7599907            | 325      | 28.2           | 6-Jun-68       | BH South               | Aerial Photo Survey  |
| AMRB16  | 322516            | 7600538            | 320      | 18.3           | 6-Jun-68       | BH South               | Aerial Photo Survey  |
| AMRB17  | 322241            | 7601444            | 320      | 15.2           | 7-May-68       | Centrex                | Handheld GPS         |
| AMRB18  | 321771            | 7602076            | 323      | 7.6            | 7-May-68       | BH South               | Aerial Photo Survey  |
| AMRB19  | 320624            | 7602686            | 322      | 9.9            | 7-May-68       | BH South               | Aerial Photo Survey  |
| AMRB20  | 321234            | 7602688            | 322      | 13.7           | 8-May-68       | Centrex                | Handheld GPS         |
| AMRB21  | 321916            | 7602684            | 328      | 38.1           | 8-May-68       | Centrex                | Handheld GPS         |
| AMRB22  | 321246            | 7603293            | 323      | 42.7           | 8-May-68       | Centrex                | Handheld GPS         |
| AMRB23  | 321881            | 7603282            | 326      | 22.1           | 9-May-68       | BH South               | Aerial Photo Survey  |
| AMRB23A | 321881            | 7603285            | 326      | 30             | 17-Jul-74      | BH South               | Aerial Photo Survey  |
| AMRB26  | 320613            | 7603288            | 322      | 34.3           | 7-May-68       | Centrex                | Handheld GPS         |
| AMRB27  | 321241            | 7603903            | 326      | 52.6           | 11-May-68      | Centrex                | Handheld GPS         |
| AMRB28  | 321854            | 7603911            | 336      | 6.1            | 11-May-68      | Centrex                | Handheld GPS         |
| AMRB29  | 320631            | 7603912            | 319      | 23             | 3-Jul-74       | Centrex                | Handheld GPS         |
| AMRB30  | 320780            | 7603457            | 321      | 25             | 4-Jul-74       | Centrex                | Handheld GPS         |
| AMRB31  | 320649            | 7603461            | 322      | 21             | 4-Jul-74       | BH South               | Aerial Photo Survey  |
| AMRB32  | 320468            | 7603470            | 321      | 23             | 5-Jul-74       | Centrex                | Handheld GPS         |
| AMRB33  | 320479            | 7603315            | 322      | 21             | 5-Jul-74       | Centrex                | Handheld GPS         |
| AMRB34  | 320782            | 7603304            | 322      | 26.5           | 6-Jul-74       | Centrex                | Handheld GPS         |
| AMRB35  | 320782            | 7603159            | 322      | 20             | 6-Jul-74       | Centrex                | Handheld GPS         |
| AMRB36  | 320780            | 7602996            | 322      | 22.5           | 6-Jul-74       | Centrex                | Handheld GPS         |
| AMRB37  | 320616            | 7603141            | 322      | 19.5           | 6-Jul-74       | Centrex                | Handheld GPS         |
| AMRB38  | 320481            | 7603169            | 322      | 19             | 7-Jul-74       | Centrex                | Handheld GPS         |
| AMRB39  | 320622            | 7602996            | 322      | 13             | 7-Jul-74       | Centrex                | Handheld GPS         |
| AMRB40  | 320923            | 7602840            | 323      | 5              | 7-Jul-74       | Centrex                | Handheld GPS         |
| AMRB40A | 320923            | 7602841            | 323      | 10             | 7-Jul-74       | Centrex                | Handheld GPS         |
| AMRB41  | 320928            | 7602990            | 323      | 21             | 7-Jul-74       | Centrex                | Handheld GPS         |
| AMRB42  | 320921            | 7603154            | 322      | 22             | 8-Jul-74       | Centrex                | Handheld GPS         |
| AMRB43  | 321076            | 7603152            | 322      | 5              | 9-Jul-74       | Centrex                | Handheld GPS         |
| AMRB43A | 321075            | 7603152            | 322      | 26             | 15-Jul-74      | Centrex                | Handheld GPS         |
| AMRB44  | 321078            | 7602996            | 322      | 17             | 15-Jul-74      | Centrex                | Handheld GPS         |
| AMRB45  | 321077            | 7602836            | 322      | 13             | 16-Jul-74      | Centrex                | Handheld GPS         |
| AMRB46  | 321232            | 7602992            | 322      | 24.5           | 16-Jul-74      | Centrex                | Handheld GPS         |
| AMRB47  | 321234            | 7602829            | 322      | 13.5           | 16-Jul-74      | Centrex                | Handheld GPS         |
| AMRB48  | 321387            | 7602824            | 323      | 13             | 17-Jul-74      | Centrex                | Handheld GPS         |

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| Hole   | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|--------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB49 | 321534            | 7602977            | 325      | 30             | 17-Jul-74      | Centrex                | Handheld GPS         |
| AMRB50 | 321688            | 7602820            | 326      | 27             | 18-Jul-74      | Centrex                | Handheld GPS         |
| AMRB51 | 321537            | 7602674            | 324      | 16             | 18-Jul-74      | Centrex                | Handheld GPS         |
| AMRB52 | 321690            | 7602670            | 325      | 17             | 18-Jul-74      | Centrex                | Handheld GPS         |
| AMRB53 | 321686            | 7602516            | 325      | 11             | 18-Jul-74      | Centrex                | Handheld GPS         |
| AMRB54 | 321839            | 7602516            | 327      | 22             | 19-Jul-74      | Centrex                | Handheld GPS         |
| AMRB55 | 321990            | 7602533            | 328      | 26.5           | 19-Jul-74      | Centrex                | Handheld GPS         |
| AMRB56 | 321983            | 7602381            | 328      | 30             | 19-Jul-74      | BH South               | Aerial Photo Survey  |
| AMRB57 | 321832            | 7602360            | 326      | 27             | 19-Jul-74      | Centrex                | Handheld GPS         |
| AMRB58 | 321977            | 7602246            | 327      | 24             | 20-Jul-74      | Centrex                | Handheld GPS         |
| AMRB59 | 322138            | 7602056            | 328      | 28.5           | 20-Jul-74      | Centrex                | Handheld GPS         |
| AMRB60 | 322135            | 7601753            | 326      | 17.5           | 20-Jul-74      | Centrex                | Handheld GPS         |
| AMRB61 | 322136            | 7601599            | 325      | 6              | 20-Jul-74      | Centrex                | Handheld GPS         |
| AMRB62 | 322287            | 7601595            | 324      | 17.5           | 20-Jul-74      | Centrex                | Handheld GPS         |
| AMRB63 | 322283            | 7601436            | 321      | 12             | 21-Jul-74      | Centrex                | Handheld GPS         |
| AMRB64 | 322284            | 7601277            | 318      | 11             | 21-Jul-74      | Centrex                | Handheld GPS         |
| AMRB65 | 322843            | 7599761            | 325      | 13             | 30-Jul-74      | Centrex                | Handheld GPS         |
| AMRB66 | 322715            | 7599753            | 326      | 6              | 30-Jul-74      | Centrex                | Handheld GPS         |
| AMRB67 | 322720            | 7599905            | 325      | 16             | 30-Jul-74      | Centrex                | Handheld GPS         |
| AMRB68 | 322732            | 7600057            | 324      | 7              | 30-Jul-74      | BH South               | Aerial Photo Survey  |
| AMRB69 | 322580            | 7600057            | 324      | 5.5            | 31-Jul-74      | Centrex                | Handheld GPS         |
| AMRB70 | 322576            | 7600208            | 323      | 7              | 31-Jul-74      | BH South               | Aerial Photo Survey  |
| AMRB71 | 322729            | 7600211            | 324      | 6              | 31-Jul-74      | Centrex                | Handheld GPS         |
| AMRB72 | 322884            | 7600203            | 324      | 25.5           | 31-Jul-74      | Centrex                | Handheld GPS         |
| AMRB73 | 322965            | 7596191            | 347      | 5.5            | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB74 | 322978            | 7595885            | 346      | 6              | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB75 | 322978            | 7595725            | 344      | 5.5            | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB76 | 322976            | 7595572            | 343      | 8.5            | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB77 | 323133            | 7595567            | 342      | 6              | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB78 | 323132            | 7595725            | 344      | 12.5           | 1-Aug-74       | Centrex                | Handheld GPS         |
| AMRB79 | 323136            | 7595872            | 345      | 5.5            | 3-Aug-74       | BH South               | Aerial Photo Survey  |
| AMRB80 | 323119            | 7596034            | 345      | 11.5           | 3-Aug-74       | Centrex                | Handheld GPS         |
| AMRB81 | 323119            | 7596187            | 345      | 16             | 4-Aug-74       | Centrex                | Handheld GPS         |
| AMRB82 | 323124            | 7596340            | 346      | 9.5            | 5-Aug-74       | Centrex                | Handheld GPS         |
| AMRB83 | 323270            | 7596187            | 344      | 9.5            | 5-Aug-74       | BH South               | Aerial Photo Survey  |
| AMRB84 | 323273            | 7596029            | 344      | 14.5           | 5-Aug-74       | Centrex                | Handheld GPS         |
| AMRB85 | 323301            | 7595722            | 343      | 9.5            | 5-Aug-74       | BH South               | Aerial Photo Survey  |
| AMRB86 | 323286            | 7595874            | 344      | 12             | 5-Aug-74       | Centrex                | Handheld GPS         |
| AMRB87 | 323439            | 7595864            | 343      | 15.5           | 5-Aug-74       | Centrex                | Handheld GPS         |
| AMRB88 | 323429            | 7596025            | 343      | 16             | 5-Aug-74       | Centrex                | Handheld GPS         |
| AMRB89 | 323423            | 7596183            | 343      | 10.5           | 6-Aug-74       | Centrex                | Handheld GPS         |

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| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB90  | 323575            | 7596176            | 342      | 8.5            | 6-Aug-74       | Centrex                | Handheld GPS         |
| AMRB91  | 323590            | 7595858            | 342      | 17.5           | 6-Aug-74       | Centrex                | Handheld GPS         |
| AMRB92  | 323735            | 7596018            | 341      | 19.5           | 6-Aug-74       | Centrex                | Handheld GPS         |
| AMRB93  | 323885            | 7596013            | 340      | 21             | 6-Aug-74       | Centrex                | Handheld GPS         |
| AMRB94  | 322272            | 7596587            | 337      | 6              | 6-Aug-74       | Centrex                | Handheld GPS         |
| AMRB95  | 322395            | 7596497            | 338      | 6              | 7-Aug-74       | Centrex                | Handheld GPS         |
| AMRB96  | 322326            | 7596341            | 339      | 5              | 7-Aug-74       | Centrex                | Handheld GPS         |
| AMRB97  | 323283            | 7595561            | 342      | 8              | 17-Sep-74      | Centrex                | Handheld GPS         |
| AMRB98  | 323436            | 7595723            | 343      | 15.5           | 17-Sep-74      | Centrex                | Handheld GPS         |
| AMRB99  | 323586            | 7595715            | 342      | 18.5           | 17-Sep-74      | Centrex                | Handheld GPS         |
| AMRB100 | 323741            | 7595850            | 341      | 24             | 17-Sep-74      | Centrex                | Handheld GPS         |
| AMRB101 | 324045            | 7595842            | 339      | 30             | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB102 | 323900            | 7595844            | 340      | 24             | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB103 | 324045            | 7596161            | 339      | 10             | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB104 | 323889            | 7596160            | 340      | 27             | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB105 | 323730            | 7596168            | 341      | 13             | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB106 | 323586            | 7596325            | 342      | 8.5            | 18-Sep-74      | Centrex                | Handheld GPS         |
| AMRB107 | 323431            | 7596334            | 343      | 9.5            | 23-Sep-74      | Centrex                | Handheld GPS         |
| AMRB108 | 323274            | 7596336            | 344      | 5.5            | 23-Sep-74      | Centrex                | Handheld GPS         |
| AMRB109 | 323281            | 7596491            | 345      | 6.5            | 23-Sep-74      | Centrex                | Handheld GPS         |
| AMRB110 | 323282            | 7596642            | 343      | 5.5            | 23-Sep-74      | Centrex                | Handheld GPS         |
| AMRB111 | 323436            | 7596489            | 343      | 6              | 24-Sep-74      | Centrex                | Handheld GPS         |
| AMRB112 | 323592            | 7596486            | 342      | 12.5           | 24-Sep-74      | Centrex                | Handheld GPS         |
| AMRB113 | 323749            | 7596477            | 341      | 30.5           | 24-Sep-74      | Centrex                | Handheld GPS         |
| AMRB114 | 323741            | 7596321            | 341      | 14.5           | 24-Sep-74      | Centrex                | Handheld GPS         |
| AMRB115 | 323896            | 7596319            | 340      | 28             | 24-Sep-74      | Centrex                | Handheld GPS         |
| AMRB116 | 324044            | 7595692            | 339      | 53             | 25-Sep-74      | Centrex                | Handheld GPS         |
| AMRB117 | 324040            | 7595535            | 339      | 34.5           | 25-Sep-74      | Centrex                | Handheld GPS         |
| AMRB118 | 323876            | 7595543            | 340      | 9              | 25-Sep-74      | Centrex                | Handheld GPS         |
| AMRB119 | 323889            | 7595699            | 340      | 52             | 25-Sep-74      | Centrex                | Handheld GPS         |
| AMRB120 | 323736            | 7595703            | 341      | 21             | 25-Sep-74      | Centrex                | Handheld GPS         |
| AMRB121 | 323579            | 7595552            | 341      | 12             | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB122 | 323729            | 7595547            | 340      | 8              | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB123 | 323430            | 7595554            | 341      | 11.5           | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB124 | 323277            | 7595413            | 340      | 5              | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB125 | 323207            | 7595724            | 344      | 14             | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB126 | 323360            | 7595715            | 343      | 9              | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB127 | 323513            | 7595714            | 343      | 13.5           | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB128 | 323587            | 7595786            | 342      | 18             | 26-Sep-74      | Centrex                | Handheld GPS         |
| AMRB129 | 323510            | 7595792            | 343      | 14             | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB130 | 323438            | 7595790            | 343      | 15             | 27-Sep-74      | Centrex                | Handheld GPS         |

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| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB131 | 323359            | 7595791            | 344      | 13             | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB132 | 323259            | 7595797            | 344      | 14             | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB133 | 323206            | 7595798            | 344      | 11             | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB134 | 323133            | 7595803            | 345      | 7              | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB135 | 323207            | 7595878            | 345      | 10             | 27-Sep-74      | Centrex                | Handheld GPS         |
| AMRB136 | 323361            | 7595865            | 344      | 17             | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB137 | 323514            | 7595863            | 343      | 17             | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB138 | 323198            | 7596030            | 345      | 12             | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB139 | 323349            | 7596027            | 344      | 11.5           | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB140 | 323424            | 7596102            | 343      | 18.5           | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB141 | 323350            | 7596106            | 344      | 11             | 28-Sep-74      | Centrex                | Handheld GPS         |
| AMRB142 | 323274            | 7596106            | 344      | 25             | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB143 | 323199            | 7596108            | 345      | 14.5           | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB144 | 323116            | 7596115            | 345      | 21             | 29-Sep-74      | BH South               | Aerial Photo Survey  |
| AMRB145 | 323199            | 7596187            | 345      | 12             | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB146 | 323125            | 7596264            | 345      | 12.5           | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB147 | 323196            | 7596266            | 345      | 9.5            | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB148 | 323271            | 7596259            | 344      | 12             | 29-Sep-74      | Centrex                | Handheld GPS         |
| AMRB149 | 323346            | 7596182            | 344      | 10             | 30-Sep-74      | Centrex                | Handheld GPS         |
| AMRB150 | 323044            | 7596189            | 346      | 15.5           | 30-Sep-74      | Centrex                | Handheld GPS         |
| AMRB151 | 323442            | 7596638            | 344      | 10             | 2-Oct-74       | Centrex                | Handheld GPS         |
| AMRB152 | 323399            | 7595406            | 340      | 6              | 2-Oct-74       | Centrex                | Handheld GPS         |
| AMRB153 | 323714            | 7595395            | 339      | 6              | 2-Oct-74       | Centrex                | Handheld GPS         |
| AMRB154 | 323733            | 7595625            | 341      | 15.5           | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB155 | 323742            | 7595774            | 341      | 17             | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB156 | 323665            | 7595853            | 341      | 24             | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB157 | 323663            | 7595781            | 341      | 18.5           | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB158 | 323658            | 7595705            | 342      | 15.5           | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB159 | 323656            | 7595628            | 341      | 13             | 7-Oct-74       | Centrex                | Handheld GPS         |
| AMRB160 | 323581            | 7595632            | 342      | 13.5           | 8-Oct-74       | Centrex                | Handheld GPS         |
| AMRB161 | 323510            | 7595628            | 342      | 14.5           | 8-Oct-74       | Centrex                | Handheld GPS         |
| AMRB162 | 323432            | 7595632            | 342      | 13.5           | 8-Oct-74       | Centrex                | Handheld GPS         |
| AMRB163 | 323351            | 7595645            | 342      | 8              | 8-Oct-74       | Centrex                | Handheld GPS         |
| AMRB164 | 323272            | 7595640            | 343      | 8              | 8-Oct-74       | Centrex                | Handheld GPS         |
| AMRB165 | 323738            | 7595930            | 341      | 21             | 8-Oct-74       | BH South               | Aerial Photo Survey  |
| AMRB166 | 323618            | 7595930            | 342      | 18             | 9-Oct-74       | Centrex                | Handheld GPS         |
| AMRB167 | 323513            | 7595941            | 343      | 16             | 9-Oct-74       | Centrex                | Handheld GPS         |
| AMRB168 | 323434            | 7595939            | 343      | 17             | 9-Oct-74       | Centrex                | Handheld GPS         |
| AMRB169 | 323356            | 7595943            | 344      | 15.5           | 9-Oct-74       | Centrex                | Handheld GPS         |
| AMRB170 | 323280            | 7595944            | 344      | 11.5           | 9-Oct-74       | BH South               | Aerial Photo Survey  |
| AMRB171 | 323205            | 7595944            | 345      | 14             | 9-Oct-74       | Centrex                | Handheld GPS         |

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| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB172 | 323143            | 7595972            | 345      | 6              | 9-Oct-74       | BH South               | Aerial Photo Survey  |
| AMRB200 | 323333            | 7595720            | 343      | 13             | 10-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB201 | 323400            | 7595714            | 343      | 10.5           | 10-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB202 | 323473            | 7595715            | 343      | 14.5           | 10-Oct-74      | Centrex                | Handheld GPS         |
| AMRB203 | 323551            | 7595711            | 342      | 18.5           | 10-Oct-74      | Centrex                | Handheld GPS         |
| AMRB204 | 323587            | 7595744            | 342      | 16.5           | 10-Oct-74      | Centrex                | Handheld GPS         |
| AMRB205 | 323552            | 7595750            | 342      | 17.5           | 10-Oct-74      | Centrex                | Handheld GPS         |
| AMRB206 | 323514            | 7595759            | 343      | 12.5           | 10-Oct-74      | Centrex                | Handheld GPS         |
| AMRB207 | 323475            | 7595762            | 343      | 13             | 12-Oct-74      | Centrex                | Handheld GPS         |
| AMRB208 | 323433            | 7595760            | 343      | 11.5           | 12-Oct-74      | Centrex                | Handheld GPS         |
| AMRB209 | 323391            | 7595754            | 343      | 11.5           | 12-Oct-74      | Centrex                | Handheld GPS         |
| AMRB210 | 323364            | 7595757            | 344      | 7.5            | 12-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB211 | 323331            | 7595757            | 344      | 13             | 12-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB212 | 323297            | 7595759            | 344      | 8.5            | 13-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB213 | 323288            | 7595841            | 344      | 10.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB214 | 323325            | 7595834            | 344      | 11.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB215 | 323363            | 7595834            | 344      | 13             | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB216 | 323394            | 7595830            | 343      | 14.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB217 | 323438            | 7595829            | 343      | 17.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB218 | 323479            | 7595822            | 343      | 17.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB219 | 323514            | 7595815            | 343      | 17             | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB220 | 323550            | 7595811            | 342      | 18             | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB221 | 323586            | 7595810            | 342      | 15.5           | 13-Oct-74      | Centrex                | Handheld GPS         |
| AMRB222 | 323555            | 7595855            | 342      | 15             | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB223 | 323477            | 7595862            | 343      | 15.5           | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB224 | 323392            | 7595863            | 343      | 23.5           | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB225 | 323325            | 7595870            | 344      | 12             | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB226 | 323282            | 7595912            | 344      | 14.5           | 14-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB227 | 323318            | 7595909            | 344      | 21.5           | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB228 | 323362            | 7595912            | 344      | 13             | 14-Oct-74      | Centrex                | Handheld GPS         |
| AMRB229 | 323404            | 7595912            | 343      | 19             | 15-Oct-74      | Centrex                | Handheld GPS         |
| AMRB230 | 323440            | 7595905            | 343      | 18             | 15-Oct-74      | Centrex                | Handheld GPS         |
| AMRB231 | 323478            | 7595905            | 343      | 15             | 15-Oct-74      | Centrex                | Handheld GPS         |
| AMRB232 | 323519            | 7595910            | 343      | 14.5           | 15-Oct-74      | Centrex                | Handheld GPS         |
| AMRB233 | 323556            | 7595902            | 342      | 14.5           | 15-Oct-74      | Centrex                | Handheld GPS         |
| AMRB234 | 322118            | 7601795            | 326      | 21.5           | 21-Oct-74      | Centrex                | Handheld GPS         |
| AMRB235 | 322100            | 7601834            | 326      | 30             | 21-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB236 | 322063            | 7601789            | 325      | 13             | 21-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB237 | 322032            | 7601784            | 325      | 9.5            | 21-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB238 | 322111            | 7601722            | 326      | 15             | 22-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB239 | 322115            | 7601681            | 326      | 13.5           | 22-Oct-74      | BH South               | Aerial Photo Survey  |

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| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB240 | 322074            | 7601676            | 325      | 9              | 22-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB241 | 322070            | 7601716            | 325      | 12             | 22-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB242 | 322070            | 7601753            | 325      | 12.5           | 22-Oct-74      | Centrex                | Handheld GPS         |
| AMRB243 | 322028            | 7601743            | 325      | 7              | 22-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB244 | 322031            | 7601710            | 325      | 5              | 22-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB245 | 322148            | 7601761            | 326      | 30.5           | 23-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB246 | 322151            | 7601727            | 326      | 25             | 23-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB247 | 322179            | 7601684            | 326      | 24             | 23-Oct-74      | Centrex                | Handheld GPS         |
| AMRB248 | 322158            | 7601657            | 326      | 18             | 23-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB249 | 322059            | 7601829            | 326      | 20.5           | 23-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB250 | 322030            | 7601824            | 325      | 13.5           | 24-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB251 | 322005            | 7601821            | 325      | 6              | 23-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB252 | 322031            | 7601852            | 325      | 17.5           | 24-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB253 | 322071            | 7601853            | 326      | 22             | 24-Oct-74      | Centrex                | Handheld GPS         |
| AMRB254 | 322005            | 7601848            | 325      | 9              | 24-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB255 | 322033            | 7601879            | 326      | 19.5           | 24-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB256 | 322005            | 7601875            | 325      | 7              | 25-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB257 | 322083            | 7601793            | 326      | 14.5           | 25-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB258 | 322062            | 7601773            | 325      | 12             | 25-Oct-74      | Centrex                | Handheld GPS         |
| AMRB259 | 322071            | 7601737            | 325      | 12             | 25-Oct-74      | Centrex                | Handheld GPS         |
| AMRB260 | 322072            | 7601696            | 325      | 10.5           | 25-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB261 | 322094            | 7601678            | 325      | 10.5           | 25-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB262 | 322111            | 7601702            | 326      | 14.5           | 25-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB263 | 322127            | 7601739            | 326      | 15.5           | 25-Oct-74      | Centrex                | Handheld GPS         |
| AMRB264 | 322111            | 7601771            | 326      | 20             | 25-Oct-74      | Centrex                | Handheld GPS         |
| AMRB265 | 322087            | 7601769            | 326      | 12             | 25-Oct-74      | Centrex                | Handheld GPS         |
| AMRB266 | 322088            | 7601752            | 326      | 13             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB267 | 322100            | 7601731            | 326      | 12.5           | 26-Oct-74      | Centrex                | Handheld GPS         |
| AMRB268 | 322091            | 7601718            | 325      | 12             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB269 | 322093            | 7601699            | 325      | 11             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB270 | 322051            | 7601712            | 325      | 10             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB271 | 322049            | 7601729            | 325      | 10.5           | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB272 | 322049            | 7601746            | 325      | 10             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB273 | 322047            | 7601766            | 325      | 11.5           | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB274 | 322048            | 7601786            | 325      | 10             | 26-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB275 | 322071            | 7601808            | 326      | 16             | 26-Oct-74      | Centrex                | Handheld GPS         |
| AMRB276 | 322041            | 7601826            | 325      | 17             | 26-Oct-74      | Centrex                | Handheld GPS         |
| AMRB277 | 322028            | 7601804            | 325      | 8.5            | 27-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB278 | 322043            | 7601804            | 325      | 11.5           | 27-Oct-74      | Centrex                | Handheld GPS         |
| AMRB279 | 322017            | 7601822            | 325      | 9              | 27-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB280 | 322016            | 7601803            | 325      | 7.5            | 27-Oct-74      | BH South               | Aerial Photo Survey  |

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| Hole    | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|---------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB281 | 322135            | 7601683            | 326      | 15             | 27-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB282 | 322247            | 7601483            | 321      | 11             | 27-Oct-74      | Centrex                | Handheld GPS         |
| AMRB283 | 322281            | 7601480            | 321      | 15.5           | 27-Oct-74      | Centrex                | Handheld GPS         |
| AMRB284 | 322322            | 7601479            | 322      | 21.5           | 27-Oct-74      | Centrex                | Handheld GPS         |
| AMRB285 | 322317            | 7601432            | 321      | 14.5           | 28-Oct-74      | Centrex                | Handheld GPS         |
| AMRB286 | 322316            | 7601393            | 321      | 11             | 28-Oct-74      | Centrex                | Handheld GPS         |
| AMRB287 | 322281            | 7601403            | 320      | 5              | 28-Oct-74      | Centrex                | Handheld GPS         |
| AMRB288 | 322243            | 7601399            | 320      | 5              | 28-Oct-74      | Centrex                | Handheld GPS         |
| AMRB289 | 322253            | 7601444            | 320      | 11.5           | 28-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB290 | 322029            | 7601763            | 325      | 6              | 29-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB291 | 322052            | 7601693            | 325      | 6              | 29-Oct-74      | BH South               | Aerial Photo Survey  |
| AMRB292 | 323261            | 7595840            | 344      | 14.5           | 10-Nov-74      | Centrex                | Handheld GPS         |
| AMRB293 | 323274            | 7595817            | 344      | 14.5           | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB294 | 323282            | 7595793            | 344      | 11.5           | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB295 | 323276            | 7595778            | 344      | 8.5            | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB296 | 323279            | 7595759            | 344      | 5.5            | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB297 | 323281            | 7595741            | 344      | 7.5            | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB298 | 323282            | 7595723            | 343      | 8.5            | 10-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB299 | 323298            | 7595741            | 344      | 9              | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB300 | 323295            | 7595777            | 344      | 9              | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB301 | 323292            | 7595816            | 344      | 13.5           | 11-Nov-74      | Centrex                | Handheld GPS         |
| AMRB302 | 323312            | 7595835            | 344      | 10.5           | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB303 | 323311            | 7595815            | 344      | 12             | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB304 | 323311            | 7595797            | 344      | 13             | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB305 | 323312            | 7595777            | 344      | 15             | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB306 | 323314            | 7595757            | 344      | 12             | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB307 | 323319            | 7595741            | 343      | 11.5           | 11-Nov-74      | Centrex                | Handheld GPS         |
| AMRB308 | 323317            | 7595721            | 343      | 12.5           | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB309 | 323331            | 7595738            | 343      | 12.5           | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB310 | 323328            | 7595776            | 344      | 9              | 11-Nov-74      | Centrex                | Handheld GPS         |
| AMRB311 | 323328            | 7595795            | 344      | 8.5            | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB312 | 323326            | 7595811            | 344      | 10             | 11-Nov-74      | Centrex                | Handheld GPS         |
| AMRB313 | 323348            | 7595832            | 344      | 13.5           | 11-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB314 | 323360            | 7595814            | 344      | 13             | 12-Nov-74      | Centrex                | Handheld GPS         |
| AMRB315 | 323346            | 7595814            | 344      | 11             | 12-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB316 | 323345            | 7595797            | 344      | 9              | 12-Nov-74      | Centrex                | Handheld GPS         |
| AMRB317 | 323346            | 7595776            | 344      | 8              | 12-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB318 | 323348            | 7595756            | 344      | 8              | 12-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB319 | 323343            | 7595735            | 343      | 8              | 12-Nov-74      | Centrex                | Handheld GPS         |
| AMRB320 | 323348            | 7595720            | 343      | 12.5           | 12-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB321 | 323363            | 7595737            | 343      | 8              | 12-Nov-74      | BH South               | Aerial Photo Survey  |

| Hole            | X Easting (MGA94) | Y Northing (MGA94) | Z RL (m) | Hole Depth (m) | Date Completed | X & Y Collar Survey By | Collar Survey Method |
|-----------------|-------------------|--------------------|----------|----------------|----------------|------------------------|----------------------|
| AMRB322         | 323364            | 7595777            | 344      | 10             | 12-Nov-74      | BH South               | Aerial Photo Survey  |
| AMRB323         | 323402            | 7595791            | 343      | 12.5           | 12-Nov-74      | Centrex                | Handheld GPS         |
| AMRB324         | 323474            | 7595788            | 343      | 13             | 12-Nov-74      | Centrex                | Handheld GPS         |
| AMRB325         | 323549            | 7595786            | 342      | 19             | 13-Nov-74      | Centrex                | Handheld GPS         |
| AMRB326         | 323591            | 7595903            | 342      | 17             | 13-Nov-74      | Centrex                | Handheld GPS         |
| <b>Trenches</b> |                   |                    |          |                |                |                        |                      |
| AE1             | 322200            | 7601453            | 320      | 10.0           | 13-Feb-74      | Centrex                | Handheld GPS         |
| AE2             | 322922            | 7596012            | 347      | 4.5            | 14-Feb-74      | Centrex                | Handheld GPS         |
| AE3             | 323244            | 7596162            | 345      | 8.2            | 12-Sep-74      | Centrex                | Handheld GPS         |
| AE4             | 323096            | 7595874            | 345      | 4.0            | 13-Sep-74      | Centrex                | Handheld GPS         |
| AE5             | 323276            | 7595713            | 343      | 7.7            | 15-Sep-74      | Centrex                | Handheld GPS         |
| AE6             | 323110            | 7595688            | 344      | 3.8            | 16-Sep-74      | Centrex                | Handheld GPS         |
| AE6A            | 323142            | 7595603            | 343      | 3.8            | 16-Sep-74      | Centrex                | Handheld GPS         |
| AE6B            | 323150            | 7595603            | 343      | 2.1            | 16-Sep-74      | Centrex                | Handheld GPS         |

### Competent Persons Statement

The information in this report relating to Mineral Resources is based on and accurately reflects information compiled by Ms Sharron Sylvester of OreWin Pty Ltd, who is a consultant and adviser to Centrex Metals Limited and who is a Member of the Australian Institute of Geoscientists (RPGeo). Ms Sylvester has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity she 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". Ms Sylvester consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

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>The historical rotary percussion (“RP”) using a 6” tri-cone blade and diamond drill (“DD”) hole(s) were sampled at nominally 0.5 m intervals downhole (older holes at 2.5 ft).</p> <p>RP samples were collected via a venturi system with a rubber seal over a PVC hole collar into a cyclone. Samples were riffle split by hand using a 16 pocket splitter and re-split to achieve average sample weights of 1kg. Samples were sent to a dedicated sample preparation facility in Mount Isa owned by BH South for crushing and pulverising. 100g splits of the pulps were sent to Amdel in Adelaide for original assays from 1968 through to 1980. Secondary 100g pulps splits were kept in Mount Isa and were later re-assayed (93% of original pulps) in 2010 via lithium metaborate fusion followed by inductively coupled plasma mass spectrometry (“ICP”) at Bureau Veritas Minerals Pty Ltd in Adelaide.</p> <p>The sampling method for the three diamond core holes has not been verified and these holes were not specifically targeting phosphate but other commodities in the overlying shale.</p> <p>The mineralisation was determined initially via field tests using the Shapiro method and later confirmed from analytical results.</p> <p>The Ardmore drilling programs were undertaken in conjunction with programs by BH South at Duchess approximately 70km east in the same stratigraphy and style of mineralisation. Quality control programs were undertaken on the initial drilling at Duchess and with no issues shown, no further quality control programs were undertaken at the subsequent Ardmore drilling campaigns. Quality control at the Duchess program included twin holes plus sampling of dust from the cyclones.</p> |

| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
| <i>Drilling techniques</i>                            | <ul style="list-style-type: none"> <li>• <i>Drill type.</i></li> </ul>  | <p>The bulk of the drilling was RP (298 holes) with a limited number of DD holes (3 holes).</p> <p>RP holes AMRB2-28 were completed with a Schramm Rotadrill P42 and holes AMRB29-326 with a Drillmatic using a 6" tri-cone blade.</p> <p>Diamond drilling was a mix of NQ and HQ using a Mindrill M10L (AMDD1) and VKI (AMDD2-3) rigs.</p>   |
| <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>   | Information on the method of recording sample recoveries has not been verified.   |
| <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> | <p>Geological logging was qualitative based on visual field observations. In field Shapiro tests provided a semi-quantitative measure of phosphate mineralisation.</p> <p>Logging was routinely undertaken on the entire intersections. Logging included in general, colour and texture, lithology, and stratigraphy.</p>   |
| <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>       | <p>RP samples were collected via a Venturi system with a rubber seal over a PVC hole collar into a cyclone. Samples were split by hand using a 16 pocket riffle splitter and then re-split to achieve average sample weights of 1kg. Samples were sent to a dedicated sample preparation facility in Mount Isa owned by BH South for crushing and pulverising. 100g splits of the pulps were sent to Amdel in Adelaide for original assays in the 1970s. Secondary 100g pulps splits were kept in Mount Isa which were later re-assayed (93% of original pulps) in 2010 via lithium metaborate fusion followed by inductively coupled plasma mass spectrometry ("ICP") at Bureau Veritas Minerals Pty Ltd in Adelaide.</p> <p>The sampling method for the three diamond core holes has not been verified and these holes were not specifically targeting phosphate but other commodities in the overlying shale.</p> <p>The Ardmore drilling programs were undertaken in conjunction with programs by BH South at Duchess approximately 70km east in the same stratigraphy and style of mineralisation. Quality control programs were undertaken on the initial drilling at Duchess and with no</p> |

| Criteria                                   | JORC Code explanation   | Commentary  |
|--|---|---|
|  |   | <p>issues shown, no further quality control programs were undertaken at the subsequent Ardmore drilling campaigns. Quality control at the Duchess program included twin holes plus sampling of dust from the cyclones.</p> <p>The laboratory sample preparation technique has not been verified with documentation.</p> <p>The sampling size of around 1 kg was appropriate for the grain size of the material being sampled.</p>   |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"> <li>• <i>Nature of quality control procedures.</i></li> </ul>  | <p>The Ardmore drilling programs were undertaken in conjunction with programs by BH South at Duchess approximately 70km east in the same stratigraphy and style of mineralisation. Quality control programs were undertaken on the initial drilling at Duchess and with no issues shown, no further quality control programs were undertaken at the subsequent Ardmore drilling campaigns. Quality control at the Duchess program included twin holes plus sampling of dust from the cyclones.</p> <p>The nature of the quality control procedures used in the laboratory has not been verified.</p>  |
| Verification of sampling and assaying      | <ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage protocols.</i></li> <li>• <i>Any adjustment to assay data.</i></li> </ul> | <p>The sampling procedure was outlined in discussions with the Exploration Manager in charge of the historical Ardmore drilling.</p> <p>Historical information on the documentation of primary data, data entry procedures, data validation, data storage protocols and adjustments to assay data has not been verified.</p> <p>A re-assay program was undertaken in 2010, in which approximately 93% of the original samples were re-assayed.</p> <p>OreWin Pty Ltd (OreWin) independent geologists have reviewed the sample and drill hole survey data as supplied by Centrex. OreWin was supplied with MS Excel files of geological logs, assay results and collar coordinates to use in the geological modelling.</p> <p>Further verification is required during the next phase of exploration to clarify any adjustment of assay data.</p> |
| Location of data points                    | <ul style="list-style-type: none"> <li>• <i>Accuracy and quality of surveys.</i></li> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of</i></li> </ul>  | <p>Centrex has located a majority of drill hole collars in the field as they were historically marked with steel pegs and stamped hole numbers, still visible today. Where steel pegs were not found nearby drill chip piles and or wooden stakes were used to represent the drill collars to within +/-10m.</p>  |

| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  | <i>topographic control.</i>   | <p>Where collars were located by steel or wooden pegs or drill chip piles Centrex picked up there plan coordinates using hand-held GPS.</p> <p>Where hole collars could not be located by Centrex, original drill log collars were utilised which were picked up via a georeferenced aerial survey in the late 1970s. The accuracy and quality of these collar coordinates has not been verified.</p> <p>The coordinate system reported is MGA94 ( Zone 54). Original drill log collars used were transformed from AMG66 to MGA94.</p> <p>The drill hole collar elevations were derived from a regional aerial VTEM survey DTM of the project area.</p> |
| <i>Data spacing and distribution</i>                           | <ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource.</i></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul> | <p>The data spacing and distribution is considered sufficient to establish the degree of geological and grade continuity appropriate for an Inferred Resource.</p> <p>No downhole compositing was undertaken. This is considered suitable given that 89% of the data are 0.5 m in length.</p>   |
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling.</i></li> </ul>  | <p>The holes were drilled vertically, which is considered appropriate for a gently dipping sedimentary unit.</p>  |
| <i>Sample security</i>   | <ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>  | <p>The measures taken to ensure sample security have not been verified.</p>   |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>  | <p>There has been no detailed audit or reviews by Centrex of the sampling techniques and data.</p>  |

## Ardmore Phosphate Rock Project JORC Table 1 Report

## SECTION 2: Reporting of Exploration Results.

| Criteria                                | JORC Code explanation  | Commentary   |
|---|--|--|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements.</li> <li>The security of the tenure held at the time of reporting.</li> </ul> | <p>The project is held on Mining Lease ML5542 held by Centrex Phosphate Pty Ltd, a 100% subsidiary of Centrex Metals Limited. An application to renew the Ardmore Mining Lease (ML 5542) has been submitted for a further 21 years 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>   |
| Exploration done by other parties       | <ul style="list-style-type: none"> <li>Exploration by other parties.</li> </ul>  | <p>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.</p>   |
| Geology                                 | <ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</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 colophonane 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 starting from near-surface in the west before dipping away to the east and extending to depths greater than 20 m.</p> |

| Criteria   | JORC Code explanation   | Commentary   |
|--|---|--|
| Drill hole Information   | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results.</li> </ul>  | <p>The relevant exploration results, including tables of drill hole locations and assay results, have been included in the Appendix – Technical Information and in a previous release by Centrex - see announcement 2nd February 2017;</p> <p><a href="http://www.asx.com.au/asxpdf/20170202/pdf/43fr772d32lgt0.pdf">http://www.asx.com.au/asxpdf/20170202/pdf/43fr772d32lgt0.pdf</a></p> <p>Updated drill hole collar coordinates can be found in the appendices to this announcement. All other data results were reported under JORC 2012 and Centrex is not aware of any new information or data that materially affects the information contained within the release. All material assumptions and technical parameters underpinning the results reported in the announcement continue to apply and have not materially changed.</p> <p>A plan view of the deposit and representative cross sections are also included in the Appendix – Technical Information.</p> |
| Data aggregation methods   | <ul style="list-style-type: none"> <li>Weighting averaging techniques and grade cuts.</li> <li>Aggregation procedure.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>   | No aggregation was undertaken for the exploration results reported in this announcement.   |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> <li>Geometry of the mineralisation with respect to the drill hole angle.</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.  |
| Diagrams   | <ul style="list-style-type: none"> <li>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.</li> </ul> | See figures included in this announcement.   |
| Balanced reporting   | <ul style="list-style-type: none"> <li>Representative reporting of both low and high grades and/or widths.</li> </ul>   | The reporting of results in the Appendix – Technical Information, are considered to be balanced and all relevant results have been reported.   |
| Other  | <ul style="list-style-type: none"> <li>Other exploration data.</li> </ul>   | There is other exploration drilling with assay and metallurgical   |



| Criteria                            | JORC Code explanation  | Commentary   |
|-------------------------------------|--|--|
| <i>substantive exploration data</i> |  | data available; however further data validation is required before inclusion in future geological modelling of the deposit.  |
| <i>Further work</i>                 | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work.</i></li> </ul> | Further infill drilling is planned to increase confidence in the Mineral Resource. Additional infill drilling and twin holes of historical drilling are also planned with the aim to increase the classification category sufficient to underpin a mining feasibility study. |

### Ardmore Phosphate Rock Project JORC Table 1 Report

#### SECTION 3: Estimation and Reporting of Mineral Resource.

| Criteria                         | JORC Code explanation   | Commentary   |
|----------------------------------|---|--|
| <i>Database Integrity</i>        | <ul style="list-style-type: none"> <li><i>Measures taken to ensure that data has not been corrupted.</i></li> <li><i>Data validation procedures used</i></li> </ul>                                       | <p>Random cross-checks were conducted of databases relative to original hand-written logs. Approximately 20% of the assays were cross checked with no issues identified. All drill hole collars were verified against original data.</p> <p>A correlation analysis was undertaken on the re-assays versus original assay results for approximately 20% of the assay database. Q-Q plots were produced and the re-assay data and the original data were observed to correlate well, with P2O5 R2=99.66, Fe2O3 R2=98.4, and Al2O3 R2=96.3.</p>   |
| <i>Site Visits</i>               | <ul style="list-style-type: none"> <li><i>Comment on any site visits undertaken by the Competent Person.</i></li> <li><i>If no site visits have been undertaken indicate why in this case.</i></li> </ul> | Sharron Sylvester from OreWin visited the site in June 2017 and inspected the main drilling areas and associated historical drill collars, costeans, and outcropping geological units.   |
| <i>Geological Interpretation</i> | <ul style="list-style-type: none"> <li><i>Confidence in the geological interpretation.</i></li> </ul>   | <p>A significant amount of historical drilling and associated geological data from logging, surface mapping and metallurgical studies have been completed on the deposit.</p> <p>Multiple statutory government reports were available for review. Independent reports of assessments undertaken were also available for review.</p> <p>A re-assay program was undertaken in 2010, in which approximately 93% of the original samples were re-assayed.</p> <p>The data spacing and distribution is considered sufficient to establish the degree of geological and grade continuity appropriate for an Inferred Resource.</p> <p>The extensive historical geological work, including the density of drilling and detailed surface mapping, together</p> |

| Criteria                                   | JORC Code explanation   | Commentary   |
|--|---|--|
|  |   | with the re-interpretation undertaken in 2017, has resulted in a robust geological interpretation.   |
| <i>Dimensions</i>                          | <ul style="list-style-type: none"> <li><i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i></li> </ul> | <p>The target high-grade phosphorite occurs as a single, essentially flat lying unit within two separate areas, the “Northern Zone” with a strike extent of approximately 4.0 km (N-S) and the “Southern Zone” with a strike extent of approximately 1.6 km (E-W).</p> <p>The target phosphorite unit is shallow dipping, with the average depths of the hanging wall and footwall contacts being 8.3 m and 12.0 m respectively based on drilling to date.</p>   |
| <i>Estimation and modelling techniques</i> | <ul style="list-style-type: none"> <li><i>The nature and appropriateness of the estimation technique(s) applied and key assumptions.</i></li> <li><i>The availability of check estimates.</i></li> </ul>  | <p>The mineralised zone was represented by interpreted three-dimensional strings and wireframes. These interpretations were used to develop a cellular model and to the flag drill holes.</p> <p>Grade estimation was undertaken using Ordinary Kriging methods. The kriged estimates were validated by inverse distance estimates.</p> <p>The following nine (9) components were estimated: P2O5, Al2O3, CaO, Fe2O3, K2O, MnO, MgO, Na2O, and SiO2.</p> <p>Variography was undertaken on all components for a total of six (6) variographic domains. This comprised three lateral domains South, Central, and North, and a vertical domain defined by the sample location relative to (above/below) the logged collophane horizon within each of the three lateral domains.</p> <p>Variograms were generally robust.</p> <p>The orientation of the search ellipse was controlled using a process referred to as ‘dynamic anisotropy’ in which strings that represent the dip and strike of the interpreted mineralised lodes are digitised on each section and laterally along the length of the mineralised zone, and the dip and dip-direction are estimated from these strings into each model cell.</p> |

| Criteria                             | JORC Code explanation   | Commentary  |
|--------------------------------------|---|---|
| Moisture                             | <ul style="list-style-type: none"> <li>Whether the tonnages are estimated on a dry basis or with natural moisture.</li> </ul>                 | The tonnages are estimated on a dry basis.  |
| Cut-off parameters                   | <ul style="list-style-type: none"> <li>The basis of the adopted cut-off grade(s) or quality parameters applied.</li> </ul>                    | <p>A notional cut-off of 19% P2O5 was used to constrain the interpretation.</p> <p>No high-grade or low-grade cuts were applied to data as the population distribution did not identify any significant unexplained outliers.</p>   |
| Mining factors or assumptions        | <ul style="list-style-type: none"> <li>Assumptions made regarding reasonable prospects for eventual economic extraction.</li> </ul>           | Because of the flat-lying orientation and shallowness of the mineralisation, it is considered conducive to open cut mining methods.   |
| Metallurgical factors or assumptions | <ul style="list-style-type: none"> <li>The basis for assumptions or predictions regarding metallurgical amenability.</li> </ul>               | The estimated grade of the resource shows a potential direct shipping ore without further beneficiation.  |
| Environmental factors or assumptions | <ul style="list-style-type: none"> <li>Assumptions made regarding possible waste and process residue disposal options.</li> </ul>             | For a direct ship ore option there would be no process tailings only mine waste, to be stored in a conventional tailings storage facility.  |
| Bulk density                         | <ul style="list-style-type: none"> <li>Whether assumed or determined.</li> </ul>  | The dry bulk density was based on the historical value utilized by BH South.  |
| Classification                       | <ul style="list-style-type: none"> <li>The basis for the classification of the Mineral Resource into varying confidence categories</li> </ul> | <p>As a result of the following factors, the mineralisation is considered to have sufficient confidence to be classified as a Mineral Resource:</p> <ul style="list-style-type: none"> <li>- There is a significant quantity of data in the historical database.</li> <li>- The quality of the documentation, the condition of the drill hole database, and the ability to replicate results provide reason to have good confidence in the historical database.</li> <li>- Recent collar surveys have verified the presence of the collars in the expected locations.</li> <li>- The 2010 re-assay programme shows very good reproducibility of the original 1968–1980 data.</li> <li>- The geological interpretation demonstrates continuity within each of the three lateral spatial domains for many of the component elements.</li> <li>- The geostatistical assessment yielded robust variograms to support to interpreted continuity.</li> </ul> <p>Owing to the current lack of contemporary drill hole data, the classification of the entire Mineral Resource in the Inferred category is considered appropriate at this time.</p> |

| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
| <i>Audits or reviews</i>                              | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of Mineral Resource estimates</i></li> </ul>                       | The resource modelling and estimate was conducted by independent consultants.   |
| <i>Discussion of the relative accuracy/confidence</i> | <ul style="list-style-type: none"> <li><i>Statement of the relative accuracy and confidence level in the Mineral Resource estimate</i></li> </ul> | Owing to the current lack of contemporary drill hole data, the classification of the entire Mineral Resource in the Inferred category is considered appropriate at this time. |

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