

### ASX



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The Largest Calcrete Uranium Exploration Portfolio In Western Australia

Website

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### **OLD STATION WEST**

### STRONG URANIUM ANOMALIES IDENTIFIED IN FIRST DRILL PROGRAM

### DRILLING TO FOCUS ON 10km WESTERN EXTENSION

Desert Energy Limited has now received the results from 4 metre composite samples from its first round of drilling at its 100% owned Old Station West (E57/672) property located in the northeast Yilgarn region of Western Australia, 150km southwest of Yeelirrie, the world's largest calcrete uranium deposit.

A number of uranium anomalies extending over several kilometres have been intersected in the drilling. This initial relatively wide spaced drill program only tested the eastern half of a prominent uranium-channel radiometric anomaly.

The map shows the maximum downhole uranium values for the 4m composite drill samples.

The drilling has delineated an east-west zone of over  $40ppm U_3O_8$  (4m composite samples) up to 500m wide, open to the west across the tenement boundary where the radiometric anomaly continues and strengthens in intensity to the west for a further 10 kms through Desert Energy's exploration licence application ELA58/368. This area has not yet been drill tested.

Desert Energy plans to drill test this target area after the tenement has been granted.

The uranium mineralisation strikes east-west and is very consistent at a depth of between 12 and 16 metres below surface throughout the mineralised zone (see Map).

Prior to the next round of drilling, selected 4m composite samples in the most mineralised zones will be re-assayed at 1m intervals to identify the most favourable depth for uranium mineralisation and this may also lead to significantly higher assay results within those intervals.

### **Best Uranium Grades Parallel to Radiometric Anomaly**

The best uranium grades are east-west trending with the uranium-anomalous zone parallel to, but several hundred metres north of the uranium-channel radiometric anomaly identified earlier this year by an airborne radiometric survey.

### Drilling Details

A total of 148 holes were drilled for 2,960m with an average hole depth of 20m. Holes were drilled on lines generally spaced 1600m apart with holes spaced between 100m and 200m along each line.

Standard 4m composite drill samples were collected from each hole, and those analysing greater than 20 ppm U<sub>3</sub>O<sub>8</sub> are listed in the attached table and shown on the attached map.

Calcrete was intersected in most holes varying in thickness between 1m and 24m (averaging approximately 9m), and is up to 2km wide.

### The Exploration Model

The identification of uranium-bearing calcrete in an area of widespread soil and sand cover gives further weight to Desert Energy's exploration model which is to focus on areas hidden under cover in similar interpreted geological settings to that of the Yeelirrie deposit.

Old Station West is the second drill campaign undertaken by Desert Energy, the first being Downs East. Both campaigns identified calcrete-hosted uranium mineralisation under sand and soil cover and represent only a small part of the Company's portfolio of uranium-channel radiometric targets for calcrete-hosted uranium mineralisation.

From early 2009 the Company plans a significant increase in the number of targets for drilling. The aim is to test these very efficiently with wide spaced scout drilling to identify the best uranium zones for Yeelirre style mineralisation.

Robert Taylor Executive Director Garry O'Hara Executive Director

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Robert S Taylor, a Member of The Institute of Materials, Minerals and Mining and Mr. Garry P O'Hara, a corporate member of the Australasian Institute of Mining and Metallurgy.

Robert Taylor and Garry O'Hara are both executive directors of Desert Energy Limited and consult to the Company through their respective consulting companies Able Kids Pty Ltd and Anketell Pty Ltd.

Robert Taylor and Garry O'Hara have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined

in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robert Taylor and Garry O'Hara consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company's website is recommended reading for interested market watchers, brokers and investors. The website contains information on the Company's projects including maps, a list of the Company's announcements to ASX, information on Native Title (including the tenement grant process and heritage surveys) including in the Desert Energy Prospectus, the legislative environments under which the Company operates, Corporate Governance, a section on risks, many of which are common to exploration companies, and other useful information. A list of the Company's announcements is also obtainable from the Australian Stock Exchange website at <u>www.asx.com.au</u>

If you would like copies of announcements emailed to you, contact Ken Banks.

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### Old Station West Desert Energy Limited





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Desert Energy Limited Calcrete Uranium Prospects on the Yilgarn Block

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## **Old Station West**

### **Table of Composite Drill Results**

| Sample  | Hole     | <b>Co-Ordinates</b> |         | Composite Detail  |          |       | U <sub>3</sub> O <sub>8</sub> |
|---|----------|---------------------|---------|-------------------|----------|-------|-------------------------------|
| Number  | ID       | Northing            | Easting | <b>Depth From</b> | Depth to | Width | ppm                           |
| 107914  | OSWAC132 | 680400              | 6874200 | 8                 | 12       | 4     | 68.32                         |
| 107971  | OSWAC143 | 682000              | 6873600 | 12                | 16       | 4     | 63.25                         |
| 107431  | OSWAC017 | 672400              | 6875500 | 12                | 16       | 4     | 61.95                         |
| 107345  | OSWAC001 | 670800              | 6875600 | 12                | 16       | 4     | 55.58                         |
| 107357  | OSWAC003 | 670800              | 6875400 | 12                | 16       | 4     | 52.86                         |
| 107369  | OSWAC005 | 670800              | 6875200 | 12                | 16       | 4     | 49.91                         |
| 107794  | OSWAC106 | 677200              | 6875000 | 12                | 16       | 4     | 48.97                         |
| 107363  | OSWAC004 | 670800              | 6875300 | 12                | 16       | 4     | 48.26                         |
| 107959  | OSWAC141 | 682000              | 6874000 | 12                | 16       | 4     | 43.54                         |
| 107789  | OSWAC105 | 677200              | 6875200 | 15                | 20       | 5     | 43.19                         |
| 107569  | OSWAC043 | 674000              | 6874600 | 12                | 16       | 4     | 41.06                         |
| 107918  | OSWAC133 | 680400              | 6874000 | 8                 | 12       | 4     | 40.47                         |
| 107970  | OSWAC143 | 682000              | 6873600 | 8                 | 12       | 4     | 37.76                         |
| 107432  | OSWAC017 | 672400              | 6875500 | 16                | 20       | 4     | 35.99                         |
| 107351  | OSWAC002 | 670800              | 6875500 | 12                | 16       | 4     | 33.63                         |
| 107800  | OSWAC107 | 677200              | 6874800 | 12                | 16       | 4     | 32.45                         |
| 107607  | OSWAC049 | 674000              | 6874000 | 8                 | 12       | 4     | 29.85                         |
| 107530  | OSWAC037 | 674000              | 6875200 | 12                | 16       | 4     | 29.15                         |
| 107733  | OSWAC092 | 675600              | 6875100 | 12                | 16       | 4     | 28.44                         |
| 107538  | OSWAC038 | 674000              | 6875100 | 12                | 16       | 4     | 28.32                         |
| 107601  | OSWAC048 | 674000              | 6874100 | 8                 | 12       | 4     | 26.67                         |
| 107965  | OSWAC142 | 682000              | 6873800 | 12                | 16       | 4     | 26.20                         |
| 107922  | OSWAC134 | 680400              | 6873800 | 4                 | 8        | 4     | 25.49                         |
| 107383  | OSWAC007 | 670800              | 6875000 | 12                | 16       | 4     | 22.54                         |
| 107679  | OSWAC080 | 671600              | 6874900 | 12                | 16       | 4     | 22.07                         |
| 107376  | OSWAC006 | 670800              | 6875100 | 12                | 16       | 4     | 21.59                         |
| 107748  | OSWAC095 | 675600              | 6874500 | 4                 | 8        | 4     | 20.18                         |
| 107375  | OSWAC006 | 670800              | 6875100 | 8                 | 12       | 4     | 20.18                         |
| 28 of 763 Drill Samples Datum GDA94 Zone 50 – All Holes drilled Vertica |          |                     |         |                   |          |       |                               |

### >20ppm U<sub>3</sub>O<sub>8</sub>