

24th April 2013

Companies Announcement Office Via Electronic Lodgement

# POSITIVE URANIUM RESULTS RETURNED FROM DRILLING RYST KUIL CHANNEL EXTENSIONS

## **Highlights**

- Initial exploration drilling along Ryst Kuil channel trend returns positive results
- Drilling confirms shallow nature of existing resources
- Additional uranium mineralisation outside existing resource limits identified
- Re-logging of historic drill holes validates historic results

## **Summary**

Peninsula Energy Limited (**Peninsula**) is pleased to announce encouraging results from the initial drilling program along the Ryst Kuil channel in the Eastern Sector of its Karoo Uranium/Molybdenum Projects in South Africa (**Karoo Projects**).

The initial drilling program, conducted at the De Pannen resource area (refer Figure 1), commenced in February 2013 and to date Peninsula has completed 67 reverse circulation drill holes within the main mineralised channel for a total of 2,745 metres.

The drilling program has been successful in its objectives of identifying additional areas of mineralisation outside the current resource limits and also in converting existing inferred mineralisation to indicated status.

In addition to the RC drilling, Peninsula continues to re-log historic holes in order to validate the historic data, as part of the ongoing QAQC program.

Peninsula Executive Chairman Gus Simpson stated "We are very pleased with the first results from the drilling programme at Ryst Kuil, which has demonstrated good uranium mineralisation at shallow depths. Further drilling across Peninsula's landholding will continue with the aim to expand and enhance the existing resource estimates".

### 2013 Drilling Program – Karoo Projects

In February 2013 Peninsula announced an initial JORC-compliant resource estimate of 50.1Mlbs eU<sub>3</sub>O<sub>8</sub>at the Karoo Projects. This resource includes an indicated resource of 15.7Mlbs grading 1,020ppm eU<sub>3</sub>O<sub>8</sub> at a lower reporting cut off of 600ppm eU<sub>3</sub>O<sub>8</sub> (Table 1).

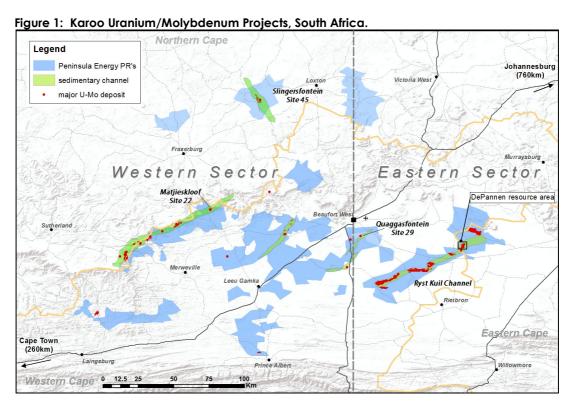
Table 1: Classified JORC-Compliant Resource Estimate, Karoo Projects: eU3O8

| Classification | eU₃O <sub>8</sub> (ppm)<br>CUT-OFF | Tonnes<br>(millions) | eU₃O8<br>(ppm) | eU₃O8<br>(million lbs) |
|----------------|------------------------------------|----------------------|----------------|------------------------|
| Indicated      | 600                                | 6.9                  | 1,020          | 15.7                   |
| Inferred       | 600                                | 14.8                 | 1,050          | 34.4                   |
| Total          | 600                                | 21.7                 | 1,040          | 50.1                   |

The resource estimate was based on a database comprising 7,163 drill holes together with 1,245 additional holes probed or drilled by Peninsula since 2011, including 16 diamond holes and 730 reverse circulation holes.

Previous exploration conducted by Esso Minerals Africa, JCI and Union Carbide at the Karoo Projects in the 1970s included 1.6 million metres of drilling together with trial open-cut and trial decline mining programs. Based on the results of these programs, the previous explorers estimated approximately 99Mlbs U<sub>3</sub>O<sub>8</sub> and 61Mlbs molybdenum (Mo).

Peninsula is focussing on bringing approximately half of this total, for which drilling data is available, to a standard suitable for reporting under the JORC guidelines. The remainder, comprising up to  $48 \text{Mlbs} \ U_3 O_8$  in historical estimates, for which drilling data is not available, is being targeted in on-going exploration with the objective of converting as much as possible to JORC Code-compliant resources.



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To this end Peninsula commenced drilling in February 2013 at the De Pannen resource area, located within the Eastern Sector of the Karoo Projects (refer Figure 1 above).

The objectives of this drill program are to convert existing inferred resources to indicated resource classification and identify areas of additional mineralisation outside the current resource boundaries.

To date Peninsula has completed a total of 67 reverse circulation holes for a total of 2,745 metres at the De Pannen project area. A total of 17 holes intersected mineralisation >200ppm and 5 holes reported multiple intersections of stacked uranium with two holes reporting grades in excess of 1,000ppm eU<sub>3</sub>O<sub>8</sub>. Table 2 lists intersections that exceed the equivalent of 200ppm over 1m. The complete drillhole listing is appended.

The results from the drilling program to date are consistent with the historic drilling results and confirm the presence of shallow uranium mineralisation (at depths mostly under 30m). Within the channel system, uranium and molybdenum mineralisation is localised within smaller-scale sedimentary features in the order of 1-2m in thickness and up to several hundred metres in length. The shallow nature of the mineralisation and resources are potentially amenable to open pit mining which would have highly favourable implications for the economics of the planned operations at Karoo.

As well as facilitating the conversion of existing inferred resources to indicated status, step out drilling beyond the historically mineralised zones has returned high grade intersections which are expanding the limits of the known mineralisation.

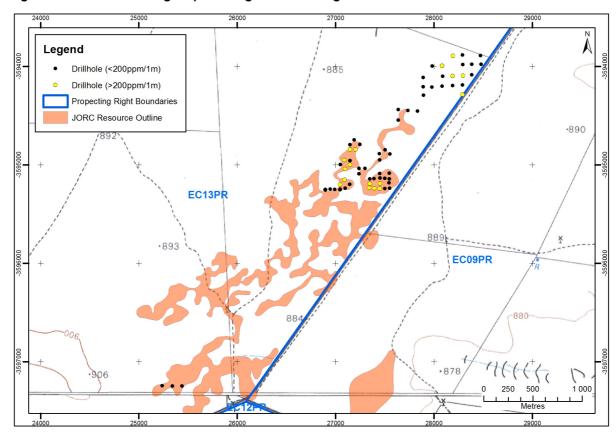


Figure 2: De-Pannen Drilling Map showing Location of Significant Results.

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In addition to the above, Peninsula is continuing with a down-hole gamma logging program at Ryst Kuil to validate the historic results at the project. As part of the resource delineation process, Peninsula completed a detailed QAQC study comprising the confirmation of drillhole locations and verification of historic down-hole radiometric logging procedures and results. In total Peninsula has now probed 250 holes, including 77 more recently drilled diamond holes and 71 reverse circulation holes, the remainder being historic holes drilled by Esso. The results have been successful in validating the historic data.

Table 2: Drilling Results De Pannen, South Africa (>200ppm over 1m equivalent cut off, gamma logging).

| Hole-ID  | Easting | Northing     | RL  | Hole<br>Depth<br>(m) | Azimuth | Dip | From<br>(m) | To (m) | Interval<br>(m) | Grade<br>(ppm<br>eU <sub>3</sub> O <sub>8</sub> ) |
|----------|---------|--------------|-----|----------------------|---------|-----|-------------|--------|-----------------|---|
| DPN227RC | 28193   | -<br>3593893 | 884 | 35                   | 0       | -90 | 22.70       | 23.30  | 0.60            | 1405  |
|          |         | -            |     |                      |         |     |             |        |                 |   |
| DPN229RC | 28081   | 3593993      | 880 | 40                   | 0       | -90 | 24.85       | 25.20  | 0.35            | 585   |
| DPN229RC | 28081   | 3593993      | 880 | 40                   | 0       | -90 | 25.80       | 26.30  | 0.50            | 824   |
| DPN234RC | 28297   | 3594093      | 886 | 40                   | 0       | -90 | 20.80       | 21.45  | 0.65            | 308   |
| DPN235RC | 28189   | -<br>3594095 | 882 | 40                   | 0       | -90 | 24.60       | 24.95  | 0.35            | 801   |
| DPN235RC | 28189   | -<br>3594095 | 882 | 40                   | 0       | -90 | 26.70       | 27.70  | 1.00            | 420   |
| DPN239RC | 28290   | -<br>3594285 | 890 | 40                   | 0       | -90 | 27.85       | 28.25  | 0.40            | 673   |
| DPN259RC | 27392   | -<br>3595238 | 888 | 30                   | 0       | -90 | 23.10       | 23.60  | 0.50            | 526   |
| DPN260RC | 27342   | -<br>3595234 | 884 | 30                   | 0       | -90 | 17.20       | 18.60  | 1.40            | 483   |
| DPN261RC | 27347   | -<br>3595192 | 886 | 30                   | 0       | -90 | 24.45       | 25.45  | 1.00            | 851   |
| DPN262RC | 27451   | -<br>3595187 | 884 | 35                   | 0       | -90 | 24.10       | 25.40  | 1.30            | 460   |
| DPN271RC | 27147   | -<br>3594998 | 888 | 35                   | 0       | -90 | 22.40       | 23.10  | 0.70            | 484   |
| DPN273RC | 27199   | -<br>3594844 | 883 | 30                   | 0       | -90 | 18.00       | 18.65  | 0.65            | 551   |
| DPN273RC | 27199   | -<br>3594844 | 883 | 30                   | 0       | -90 | 19.50       | 20.55  | 1.05            | 772   |
| DPN277RC | 27146   | -<br>3594844 | 887 | 35                   | 0       | -90 | 17.95       | 19.65  | 1.70            | 749   |
| DPN278RC | 27087   | -<br>3594951 | 885 | 35                   | 0       | -90 | 23.85       | 25     | 1.15            | 400   |
| DPN280RC | 27096   | -<br>3595042 | 885 | 35                   | 0       | -90 | 22.5        | 22.9   | 0.40            | 678   |
| DPN280RC | 27096   | -<br>3595042 | 885 | 35                   | 0       | -90 | 27          | 28.1   | 1.10            | 559   |
| DPN281RC | 27090   | -<br>3595152 | 892 | 35                   | 0       | -90 | 17.7        | 18.15  | 0.45            | 731   |
| DPN281RC | 27090   | -<br>3595152 | 892 | 35                   | 0       | -90 | 25.2        | 25.85  | 0.65            | 1252  |
| DPN285RC | 27045   | -<br>3595248 | 888 | 35                   | 0       | -90 | 19.35       | 19.85  | 0.50            | 401   |
| DPN288RC | 26895   | -<br>3595252 | 888 | 35                   | 0       | -90 | 19.6        | 20     | 0.40            | 579   |

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#### **Karoo Landholding**

Peninsula has a 74% interest in a total of 42 prospecting rights (PR's) covering 7,800 km<sup>2</sup> of the main uranium-molybdenum bearing sandstone channels in the Karoo Basin (Figure 1). Peninsula is nearing completion of the acquisition of these prospecting rights, which are subject to conditions precedent as detailed in the previous Karoo announcement. The residual 26% interest remains with the BEE partners as required by South African law.

In the Eastern Sector, Peninsula has freehold ownership over an area of 322 km<sup>2</sup> which covers a significant proportion of the reported resource and allows unlimited surface access. Additional surface access rights have also been contracted on a further 153km<sup>2</sup> until 2021. This area is largely contiguous with the freehold land.

## **Exploration Target**

The Karoo Projects cover a significant proportion of the Karoo Basin Permian sandstones, which are believed to represent an Exploration Target of between 250 and 350Mlbs  $U_3O_8$ . This Exploration Target, as shown in Table 3, is based on the total cumulative prospective strike length of about 200km that occurs within the PR's, together with the reported  $U_3O_8$ lbs/km along the modelled sections of the Eastern Sector channel sandstones. Further drilling will be required in order to define a resource estimated in accordance with the JORC code and there is no guarantee that a resource will be defined.

Table 3: Karoo Projects Total Exploration Target

| Exploration<br>Areas | Tonn<br>(M |         | Gro<br>(ppm | ıde<br>U3O8) | eU3O8<br>(Mlbs) |     |  |
|----------------------|------------|---------|-------------|--------------|-----------------|-----|--|
| Range                | From To    |         | From        | То           | From            | То  |  |
| Total                | 126        | 133 900 |             | 1200         | 250             | 350 |  |

Yours sincerely

John (Gus) Simpson Executive Chairman

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## **Competent Person**

The information in the report which relates to Mineral Resources is based upon information compiled by Ian Glacken, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Ian Glacken is an employee of Optiro Pty Ltd and 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. Ian Glacken consents to the inclusion in the report of a summary based upon his information in the form and context in which it appears.

The information in this report which relates to Geology and Mineralized Potential is based on information compiled by Mr George van der Walt. Mr van der Walt is a member of a Recognised Overseas Professional Organisation included in a list promulgated by the ASX (The South African Council of Natural Scientific Professions, Geological Society of South Africa). Mr van der Walt is a Director of Geo-Consult International (Pty) Ltd. Mr van der Walt 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 as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr van der Walt consents to the inclusion in the report of a summary based upon his information in the form and context in which it appears.

Please note that in accordance with Clause 17 of the JORC (2012) Code, the potential quantity and grade of the "Exploration Target" in this announcement must be considered conceptual in nature as there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Where eU3O8 results are reported, it relates to values obtained from radiometric logging of drillholes. eU3O8 grades were determined using a GeoVista gamma sonde measuring at 0.05m (5cm) intervals. Raw gamma counts per second were converted to eU3O8 by applying the formula eU3O8 (ppm) = ( Gamma (CPS) / (1 - Gamma (CPS) \* Deadtime) ) \* K-Factor. The logging protocol, formula and gamma sonde calibrations (calibrated at the IAEA accepted Pelindaba Calibration facility) used by Peninsula were supplied by Geotron (Pty) Ltd, an independent geophysical logging consultancy based in Potchefstroom, South Africa. Daily calibration checks were done in selected Control Holes at the drilling area to check for drift and instrument error.

All  $eU_3O_8$  values reported may be affected by issues such as possible disequilibrium and uranium mobility which should be taken into account when interpreting the results, pending confirmatory chemical analyses. Disequilibrium Explanatory Statement:  $eU_3O_8$  refers to the equivalent  $U_3O_8$  grade. This is estimated from gross-gamma down hole measurements corrected for water and drilling mud in each hole. Geochemical analysis may show higher or lower amounts of actual U3O8, the difference being referred to as disequilibrium.

Appendix 1: Complete Drillhole listing\* – 2013 Program, Karoo Projects

| Hole-ID  | Easting | Northing | RL  | Hole Depth<br>(m) | Azimuth | Dip | From<br>(m) | To (m) | Interval<br>(m) | Grade (ppm<br>eU3O8) |
|----------|---------|----------|-----|-------------------|---------|-----|-------------|--------|-----------------|----------------------|
| DPN222RC | 25236   | -3597243 | 890 | 85                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN223RC | 25339   | -3597247 | 890 | 70                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN224RC | 25437   | -3597248 | 886 | 72                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN225RC | 28473   | -3593888 | 884 | 50                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN226RC | 28289   | -3593882 | 884 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN232RC | 28479   | -3593976 | 884 | 303               | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN227RC | 28193   | -3593893 | 884 | 35                | 0       | -90 | 22.70       | 23.30  | 0.60            | 1405                 |
| DPN227RC | 28193   | -3593893 | 884 | 35                | 0       | -90 | 24.70       | 24.95  | 0.25            | 443                  |
| DPN228RC | 27980   | -3593996 | 883 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN229RC | 28081   | -3593993 | 880 | 40                | 0       | -90 | 21.90       | 22.30  | 0.40            | 458                  |
| DPN229RC | 28081   | -3593993 | 880 | 40                | 0       | -90 | 23.70       | 24.25  | 0.55            | 334                  |
| DPN229RC | 28081   | -3593993 | 880 | 40                | 0       | -90 | 24.85       | 25.20  | 0.35            | 585                  |
| DPN229RC | 28081   | -3593993 | 880 | 40                | 0       | -90 | 25.80       | 26.30  | 0.50            | 824                  |
| DPN230RC | 28292   | -3593981 | 883 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN231RC | 28384   | -3593977 | 880 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN234RC | 28297   | -3594093 | 886 | 40                | 0       | -90 | 20.80       | 21.45  | 0.65            | 308                  |
| DPN235RC | 28189   | -3594095 | 882 | 40                | 0       | -90 | 24.60       | 24.95  | 0.35            | 801                  |
| DPN235RC | 28189   | -3594095 | 882 | 40                | 0       | -90 | 26.70       | 27.70  | 1.00            | 420                  |
| DPN236RC | 28088   | -3594100 | 886 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN237RC | 27891   | -3594112 | 888 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN233RC | 28384   | -3594085 | 886 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN238RC | 28289   | -3594189 | 882 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                    |
| DPN239RC | 28290   | -3594285 | 890 | 40                | 0       | -90 | 23.80       | 24.10  | 0.30            | 428                  |
| DPN239RC | 28290   | -3594285 | 890 | 40                | 0       | -90 | 27.85       | 28.25  | 0.40            | 673                  |

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| Hole-ID              | Easting | Northing | RL  | Hole Depth<br>(m) | Azimuth | Dip | From<br>(m) | To (m) | Interval<br>(m) | Grade (ppm eU3O8) |
|----------------------|---------|----------|-----|-------------------|---------|-----|-------------|--------|-----------------|-------------------|
| DPN240RC             | 28190   | -3594195 | 882 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN241RC             | 28083   | -3594200 | 886 | 40                | 0       | -90 | 30.65       | 30.85  | 0.20            | 344               |
| DPN242RC             | 27979   | -3594209 | 885 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN243RC             | 27890   | -3594205 | 883 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN244RC             | 27893   | -3594290 | 883 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN245RC             | 27833   | -3594452 | 884 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN246RC             | 27733   | -3594446 | 882 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN247RC             | 27638   | -3594439 | 883 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN248RC             | 27637   | -3594544 | 886 | 35                | 0       | -90 | 29.50       | 29.60  | 0.10            | 237               |
| DPN249RC             | 27501   | -3594848 | 890 | 40                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN250RC             | 27551   | -3594888 | 888 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN251RC             | 27446   | -3594951 | 893 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN252RC             | 27443   | -3594887 | 880 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN257RC             | 27546   | -3595084 | 887 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN253RC             | 27546   | -3595142 | 884 | 35                | 0       | -90 | 14.85       | 15.10  | 0.25            | 368               |
| DPN253RC             | 27546   | -3595142 | 884 | 35                | 0       | -90 | 19.70       | 19.90  | 0.20            | 323               |
| DPN254RC             | 27543   | -3595182 | 888 | 35                | 0       | -90 | 21.65       | 21.65  | 0.00            | 204               |
| DPN255RC             | 27548   | -3595238 | 886 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN256RC             | 27499   | -3595240 | 886 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN258RC             | 27446   | -3595240 | 882 | 30                | 0       | -90 | 21.00       | 21.55  | 0.55            | 318               |
| DPN259RC             | 27392   | -3595238 | 888 | 30                | 0       | -90 | 23.10       | 23.60  | 0.50            | 526               |
| DPN260RC             | 27342   | -3595234 | 884 | 30                | 0       | -90 | 17.20       | 18.60  | 1.40            | 483               |
| DPN260RC             | 27342   | -3595234 | 884 | 30                | 0       | -90 | 26.60       | 26.75  | 0.15            | 220               |
| DPN261RC             | 27342   | -3595192 | 886 | 30                | 0       | -90 | 24.45       | 25.45  | 1.00            | 851               |
| DPN262RC             | 27451   | -3595132 | 884 | 35                | 0       | -90 | 24.10       | 25.40  | 1.30            | 460               |
| DPN262RC             | 27451   | -3595187 | 884 | 35                | 0       | -90 | 26.35       | 26.50  | 0.15            | 288               |
| DPN263RC             | 27498   | -3595135 | 879 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN264RC             | 27452   | -3595134 | 888 | 30                | 0       | -90 | 21.75       | 22.05  | 0.30            | 410               |
| DPN264RC             | 27452   | -3595134 | 888 | 30                | 0       | -90 | 22.95       | 23.10  | 0.30            | 183               |
| DPN265RC             | 27447   | -3595089 | 882 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN266RC             | 27391   | -3595140 | 891 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN267RC             | 27348   | -3595144 | 883 | 30                | 0       | -90 | 16.10       | 16.40  | 0.30            | 548               |
| DPN268RC             | 27238   | -3595091 | 891 | 30                | 0       | -90 | 24.15       | 24.40  | 0.35            | 415               |
| DPN269RC             | 27297   | -3595036 | 891 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN270RC             | 27238   | -3595036 | 885 | 30                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN271RC             | 27147   | -3594998 | 888 | 35                | 0       | -90 | 22.40       | 23.10  | 0.70            | 484               |
| DPN272RC             | 27147   | -3594955 | 887 | 35                | 0       | -90 | 22.75       | 23.00  | 0.25            | 368               |
| DPN273RC             | 27199   | -3594844 | 883 | 30                | 0       | -90 | 18.00       | 18.65  | 0.65            | 551               |
| DPN273RC             | 27199   | -3594844 | 883 | 30                | 0       | -90 | 19.50       | 20.55  | 1.05            | 772               |
| DPN274RC             | 27199   | -3594791 | 880 | 35                | 0       | -90 | 24.10       | 24.10  | 0.00            | 229               |
| DPN275RC             | 27187   | -3594747 | 886 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN275RC<br>DPN276RC | 27144   | -3594794 | 889 | 35                | 0       | -90 | 0.00        | 0.00   | 0.00            | 0                 |
| DPN277RC             | 27144   | -3594844 | 887 | 35                | 0       | -90 | 17.95       | 19.65  | 1.70            | 749               |
| DPN277RC             | 27146   | -3594844 | 887 | 35                | 0       | -90 | 24.85       | 25.25  | 0.40            | 311               |
| DPN277RC<br>DPN278RC | 27140   | -3594951 | 885 | 35                | 0       | -90 | 18.25       | 18.4   | 0.40            | 244               |
| DPN278RC             | 27087   | -3594951 | 885 | 35                | 0       | -90 | 23.85       | 25     | 1.15            | 400               |
| DPN279RC             | 27049   | -3594997 | 885 | 35                | 0       | -90 | 25.5        | 25.6   | 0.10            | 278               |
| DPN279RC<br>DPN279RC | 27049   | -3594997 | 885 | 35                | 0       | -90 | 26.3        | 26.6   | 0.10            | 323               |
| DPN280RC             | 27049   | -3595042 | 885 | 35                | 0       | -90 | 20.3        | 21.4   | 0.40            | 272               |
| DPN280RC             | 27096   | -3595042 | 885 | 35                | 0       | -90 | 22.5        | 22.9   | 0.40            | 678               |
| DPN280RC             | 27096   | -3595042 | 885 | 35                | 0       | -90 | 27          | 28.1   | 1.10            | 559               |
| DPN281RC             | 27090   | -3595152 | 892 | 35                | 0       | -90 | 17.7        | 18.15  | 0.45            | 731               |
| DPN281RC             | 27090   | -3595152 | 892 | 35                | 0       | -90 | 25.2        | 25.85  | 0.45            | 1252              |
| DPN281RC<br>DPN282RC | 27090   | -3595200 | 888 | 35                | 0       | -90 | 20.65       | 25.85  | 0.65            | 368               |
| DPN282RC<br>DPN283RC | 27044   | -3595200 | 889 | 35                | 0       | -90 | 25.75       | 25.75  | 0.45            | 202               |
|                      |         |          |     |                   | 0       |     |             |        |                 | 0                 |
| DPN284RC             | 27098   | -3595237 | 884 | 35                | l U     | -90 | 0           | 0      | 0.00            |                   |

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| Hole-ID  | Easting | Northing | RL  | Hole Depth<br>(m) | Azimuth | Dip | From<br>(m) | To (m) | Interval<br>(m) | Grade (ppm<br>eU3O8) |
|----------|---------|----------|-----|-------------------|---------|-----|-------------|--------|-----------------|----------------------|
| DPN285RC | 27045   | -3595248 | 888 | 35                | 0       | -90 | 19.35       | 19.85  | 0.50            | 401                  |
| DPN285RC | 27045   | -3595248 | 888 | 35                | 0       | -90 | 20.95       | 21.3   | 0.35            | 424                  |
| DPN286RC | 26991   | -3595248 | 884 | 35                | 0       | -90 | 0           | 0      | 0.00            | 0                    |
| DPN287RC | 26945   | -3595247 | 884 | 35                | 0       | -90 | 0           | 0      | 0.00            | 0                    |
| DPN288RC | 26895   | -3595252 | 888 | 35                | 0       | -90 | 19.6        | 20     | 0.40            | 579                  |
| DPN288RC | 26895   | -3595252 | 888 | 35                | 0       | -90 | 26.1        | 26.2   | 0.10            | 296                  |

<sup>\*</sup>Note: Listed intervals were calculated using a 200ppm  $eU_3O_8$  cut off, so results indicated as zero grade value may contain marginal mineralisation below 200ppm.