



**Brazil Lake Lithium and Rare Earth Metals Project  
Rubidium (“Rb”) Beryllium and Tantalum and drill results  
Core results feature 2,625ppm Rb over 4.2 meters**

**VANCOUVER, British Columbia** – March 2, 2010 – **PETRO HORIZON ENERGY CORP.** ([TSXV.PHE](#)) ([PRZCF.OTCBB](#)) ([PH0.FRANKFURT](#)) , is pleased to announce that it has released previous assay results from the Brazil Lake Lithium and Rare Earth Metals Property. Petro Horizon announced on February 10, 2010, that the Company has executed a Letter of Intent (“LOI”), dated February 5<sup>th</sup>, 2010, with Champlain Mineral Ventures Ltd (“Champlain”), a private Nova Scotia based corporation, to earn up to a 75% undivided ownership interest in the Property in southern Nova Scotia.

**BRAZIL LAKE PROPERTY (Lithium and Rare Metals)**

Champlain has released assay results from 15 drill holes for several rare metals associated with its lithium discovery including rubidium, beryllium and tantalum.

Hole #02-15 in the lithium pegmatites returned values up to 1398 parts per million (“ppm”) Rb over 15.3 meters including 2625 parts per million Rb over 4.2 meters. Hole #93-4 returned values up to 803 ppm Rb over 41.8 meters including 1,456 ppm Rb over 5.2 meters. Hole #93-2 returned values up to 928 ppm Rb over 24 meters including 1,376 ppm Rb over 7.9 meters.

Hole #02-24 in the lithium pegmatites returned values up to 200 parts per million beryllium (“Be”) over 35.8 meters including 304 parts per million Be over 14.9 meters. Hole #93-2 returned values up to 179 ppm Be over 24.0 meters including 388 ppm Be over 7.9 meters. Hole #02-15 returned values up to 157 ppm Be over 15.3 meters including 994 ppm Be over 2.1 meters.

Hole #93-2 in the lithium pegmatites returned values up to 102 parts per million tantalum (“Ta”) over 24 meters including 541 parts per million Ta over 1.0 meter. Hole #93-5 returned values up to 96 ppm Ta over 32.9 meters including 160 ppm Ta over 7.3 meters. Hole #02-04 returned values up to 63 ppm Ta over 35.8 meters including 82 ppm Ta over 14.9 meters.

Drill results to date have identified two lithium and rare earth metal bearing pegmatite dikes that appear at surface and are up to 20 meters wide and having exposed lengths up to 300 meters long. The deepest drill hole intersected the dikes at 50 meters depth. Both pegmatites remain open at depth and future drilling will attempt to extend the depth of the dikes to 100 or 150 meters and to determine if metal grades increase with depth. Three other potential pegmatites have been indicated through geochemical surveys. Further geochem surveys, exploration and subsequent drilling are planned to define other pegmatite dikes on the property indicated by pegmatite float fields.

Main assay results for the rare earth metals are presented in the table below, showing only pegmatite results.

| Hole #     | Section | From<br>(meters) | To<br>(meters) | Interval<br>(meters) | Rb<br>ppm=g/t | Be<br>ppm=g/t | Ta<br>ppm |
|------------|---------|------------------|----------------|----------------------|---------------|---------------|-----------|
| NORTH DIKE |         |                  |                |                      |               |               |           |
| 93-1       | 1+65N   | 89.11            | 95.4           | 6.29                 | 674           | 123           | 107       |
| 93-2       | 1+65N   | 34.81            | 58.85          | 24.04                | 928           | 176           | 102       |
|            |         | 38.32            | 48.43          | 10.11                | 1103          | 361           | 100       |
|            |         | 41.85            | 49.78          | 7.93                 | 1376          | 388           | 103       |
|            |         | 51.55            | 55.05          | 3.5                  | 1210          | 20            | 64        |
|            |         | 56.86            | 57.72          | 0.86                 | 110           | 0             | 541       |
| 93-3       | 1+55N   | 90.07            | 94.52          | 4.45                 | 802           | 218           | 91        |
| 93-4       | 1+05N   | 47.10            | 88.9           | 41.8                 | 803           | 113           | 69        |
|            |         | 51.08            | 71.16          | 14.08                | 822           | 238           | 70        |
|            |         | 66.07            | 74.39          | 8.32                 | 1079          | 17            | 65        |
|            |         | 82.83            | 88.9           | 5.15                 | 1456          | 48            | 72        |
| 93-5       | 0+70N   | 38.26            | 71.11          | 32.85                | 779           | 109           | 96        |
|            |         | 39.26            | 46.37          | 7.11                 | 703           | 48            | 96        |
|            |         | 43.65            | 50.91          | 7.26                 |               |               | 160       |
|            |         | 50.91            | 55.43          | 4.52                 | 643           | 178           | 50        |
|            |         | 53.50            | 64.74          | 11.24                | 807           |               |           |
|            |         | 53.50            | 57.74          | 4.24                 |               | 323           |           |
|            |         | 62.20            | 65.85          | 3.65                 |               | 189           |           |
| 02-03      | 0+10N   | 47.70            | 61.8           | 14.1                 | 481           | 115           | 42        |
|            |         | 51.7             | 59.1           | 7.4                  | 462           | 177           | 26        |
| 02-04      | 0+45N   | 51.7             | 87.5           | 35.8                 | 903           | 200           | 63        |
|            |         | 51.7             | 66.6           | 14.9                 | 785           | 304           | 82        |
|            |         | 54.9             | 78             | 23.1                 | 845           | 235           | 58        |
|            |         | 64.9             | 70.6           | 5.7                  | 1598          | 162           | 26        |
|            |         | 81.3             | 87             | 5.7                  | 608           | 68            | 59        |
| 02-15      | 1+20N   | 30.9             | 46.2           | 15.3                 | 1398          | 157           | 23        |
|            |         | 30.9             | 34.2           | 3.3                  | 198           | 29            | 26        |
|            |         | 34.2             | 37.4           | 3.2                  | 2513          |               |           |
|            |         | 38.5             | 42.7           | 4.2                  | 2625          |               |           |
|            |         | 42.7             | 44.8           | 2.1                  |               | 994           |           |
| 02-16      | 1+70N   | 32.3             | 41.3           | 9.00                 | 1404          | 218           | 11        |
|            |         | 37.4             | 41.3           | 3.9                  | 2406          | 108           |           |
| 02-23      | 0+80N   | 29.00            | 43.2           | 14.2                 | 814           | 37            | 33        |
| 02-24      | 0+40N   | 21.9             | 33.00          | 11.1                 | 1136          | 139           | 54        |

| Hole #     | Section | From<br>(meters) | To<br>(meters) | Interval<br>(meters) | Rb<br>ppm=g/t | Be<br>ppm=g/t | Ta<br>ppm |
|------------|---------|------------------|----------------|----------------------|---------------|---------------|-----------|
| SOUTH DIKE |         |                  |                |                      |               |               |           |
| 02-17      | 4+70S   | 21.47            | 25.25          | 3.85                 | 1005          | 34            | 43        |
| 02-18      | 4+55S   | 30.28            | 36.86          | 6.58                 | 408           | 121           | 80        |
| 02-19      | 4+25S   | 29               | 35.9           | 6.9                  | 1606          | 64            | 70        |
| 02-22      | 3+70S   | 15.1             | 21.1           | 6.00                 | 11.81         | 241           | 166       |

**Note: One ppm equals one g/t and 1 per cent equals 10,000 ppm. True widths are approximately 77 per cent of intersected widths.**

All drill core samples were assayed at Xral Laboratories in Toronto, Ontario.

John F. Wightman, M. Sc., FGAC, P. Eng., a Qualified Person as defined by NI 43-101 is responsible for the technical information contained in this release.

On Behalf of the board of directors,

*“Ron Bourgeois”*

Ron Bourgeois, President

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