

**SPECIAL EXCLUSIVE PROSPECTING LICENCE NO. 541**

**ALUMINA PARTNERS OF JAMAICA**

THE MINING REGULATIONS, 1947

**SPECIAL EXCLUSIVE PROSPECTING LICENCE No. 541**

THE SPECIAL EXCLUSIVE PROSPECTING LICENCE, subject to the provisions of the Mining Act and of the Regulations thereunder, now in force or which may come into force during the continuance of this Licence or the renewal annually thereof for a period of five Years, for One Year from the 15TH day of NOVEMBER, 2005 subject to the Special Conditions hereunder written, is hereby granted to **Quality Incorporations I Limited** of 21 East Street, Kingston and **Hydro Aluminium Jamaica a.s.** of Drammensvn 264, Vækerø, N-0246 Oslo, Norway in their capacity as partners in Alumina Partners of Jamaica, a Delaware partnership to prospect for the following mineral - BAUXITE within the following limits:

Located in the parishes of St James, St. Elizabeth and Manchester covering an area of approximately 708.49 km<sup>2</sup> encompassing the local areas known as Catadupa, Cambridge, Lacovia, Santa Cruz, Burnt Ground, Northampton, Lovely Point, Goshen, Long Hill, Mount Prospect, and Johns Hall among others. The area as follows is shown on the attached 1:50,000 topographical metric map of Jamaica, delineated in red: -

Commencing at the Northwestern corner of the area at a point marked on the map as the "Starting Point" at the intersection of island coordinates, 155,000 metres East and 191,000 metres North;

Thence East in a straight line for approximately 7,000 metres to the intersection of island coordinates 162,000 metres East and 191,000 metres North;

Thence South in a straight line for approximately 2,000 metres to the intersection of island coordinates 162,000 metres East and 189,000 metres North;

Thence due East for approximately 1,000 metres to the intersection of island coordinates 163,000 metres East and 189,000 metres North;

Thence due South for 7,000 metres to the intersection of island coordinates 163,000 metres East and 182,000 metres North;

Thence due East for approximately 2,000 metres to the intersection of island coordinates 165,000 metres East and 182,000 metres North;

Thence South in a straight line for approximately 5,000 metres to the intersection of island coordinates 165,000 metres East and 177,000 metres North;

Thence East in a straight line for approximately 10,000 metres to the intersection of island coordinates 175,000 metres East and 177,000 metres North;

Thence due South for approximately 18,000 metres to the intersection of island coordinates 175,000 metres East and 159,000 metres North;

Thence due East for approximately 10,340 metres to the intersection of island coordinates 185,340 metres East and 159,000 metres North where it meets the parish boundary between St Elizabeth and Manchester;

Thence North-northwest along the said parish boundary for approximately 5,700 metres to the intersection of island coordinates 183,877 metres East and 164,510 metres North;

Thence due East in a straight line for approximately 6,123 metres to the intersection of island coordinates 190,000 metres East and 164,510 metres North;

Thence due South in a straight line for approximately 11,462 metres to the intersection of island coordinates 190,000 metres East and 153,048 metres North;

Thence due West in a straight line for approximately 4,008 metres to the intersection of island coordinates 185,992 metres East and 153,048 metres North;

Thence due South in a straight line for approximately 3,048 metres to the intersection of island coordinates 185,992 metres East and 150,000 metres North;

Thence due West in a straight line for approximately 9,000 metres to the intersection of island coordinates 177,000 metres East and 150,000 metres North;

Thence due North a straight line for approximately 3,000 metres to the intersection of island coordinates 177,000 metres East and 153,000 metres North;

Thence due West in a straight line for approximately 3,000 metres to the intersection of island coordinates 174,000 metres East and 153,000 metres North;

Thence due North a straight line for approximately 2,000 metres to the intersection of island coordinates 174,000 metres East and 155,000 metres North;

Thence due West in a straight line for approximately 6,000 metres to the intersection of island coordinates 168,000 metres East and 155,000 metres North;

Thence due North a straight line for approximately 4,000 metres to the intersection of island coordinates 168,000 metres East and 159,000 metres North;

Thence due West in a straight line for approximately 16,000 metres to the intersection of island coordinates 152,000 metres East and 159,000 metres North;

Thence due North a straight line for approximately 11,000 metres to the intersection of island coordinates 152,000 metres East and 170,000 metres North;

Thence due East in a straight line for approximately 2,000 metres to the intersection of island coordinates 154,000 metres East and 170,000 metres North;

Thence due North a straight line for approximately 19,000 metres to the intersection of island coordinates 154,000 metres East and 189,000 metres North;

Thence due East in a straight line for approximately 1,000 metres to the intersection of island coordinates 155,000 metres East and 189,000 metres North;

Thence due North a straight line for approximately 2,000 metres to the intersection of island coordinates 155,000 metres East and 191,000 metres North, back to the starting point.

This 15<sup>th</sup> day of Nov 2005



Minister of Land and Environment



## DESCRIPTION OF THE AREA

The following description is of the amended (2016) boundary demarcating Special Exclusive Prospecting Licence (SEPL) 541.

An area of approximately 644.38 square kilometres located in the parishes of St. James, St. Elizabeth and Manchester encompassing the local areas known as Catacua, Cambridge, Lacovia, Santa Cruz, Burnt Ground, Northampton, Lovely Point, Goshen, Long Hill, Mount Prospect, and Johns Hall among others.

Commencing at the Northwestern corner of the area at a point marked on the map as the "Starting Point" at the intersection of Island coordinates, 155,000 metres East and 191,000 metres North.

Thence East in a straight line for approximately 7,000 meters to the intersection of island coordinates 162,000 metres East and 191,000 metres North.

Thence East in a straight line for approximately 2,000 metres to the intersection of island 162,000 metres East and 189,000 metres North.

Thence due East for approximately 1,000 metres to the intersection of island coordinates 163,000 metres East and 189,000 metres North.

Thence due South for 5,500 metres to the intersection of island coordinates 163,000 metres East and 184,5000 metres North

Thence due Southwest for 800 metres to the intersection of island coordinates 162,300 metres East and 184,000 metres North.

Thence due Southeast for approximately 23,000 metres along an irregular curve as delineated on the Annexed map, traversing the communities of Garlans, Sweet Water, Niagara, Elderslie, Jointwood, Retirement, Butlers, Dry River, Vauxhall, Appleton Estate and Thorton to the intersection of island coordinates 175,000 metres East and 177,000 metres North.

Thence due South for approximately 18,000 metres to the intersection of island coordinates 175,000 metres East and 159,000 metres North.

Thence due East for approximately 10,340 metres to the intersection of island coordinates 185,340 metres East and 159,000 metres North where it meets the parish boundary between St. Elizabeth and Manchester.

Thence North-northwest along the said parish boundary for approximately 5,700 metres to the intersection of island coordinates 183,877 metres East and 164,510 metres North.

Thence due East in a straight line for approximately 6,123 metres to the intersection of island coordinates 190,000 metres East and 164,510 metres North.

Thence due South in a straight line for approximately 11,462 metres to the intersection of island coordinates 190,000 metres East and 153,048 metres North.

Thence due West in a straight for approximately 4,008 metres to the intersection of island coordinates 185,992 metres East and 153,048 metres North.

Thence due South in a straight line for approximately 3,048 metres to the intersection of island coordinates 185,992 metres East and 150,000 metres North.

Thence due West in a straight line for approximately 9,000 metres to the intersection of island coordinates 177,000 metres East and 150,000 metres North.



Thence due North in a straight line for approximately 3,000 metres to the intersection of island coordinates 177,000 metres East 153,000 metres North.

Thence due West in a straight line for approximately 3,000 metres to the intersection of island coordinates 174,000 metres East and 153,000 metres North.

Thence due North in a straight line for approximately 2,000 metres to the intersection of island coordinates 174,000 metres East and 155,000 metres North.

Thence due West in a straight line for approximately 6,000 metres to the intersection of island coordinates 168,000 metres East and 155,000 metres North.

Thence due North in a straight line for approximately 4,000 metres to the intersection of island coordinates 168,000 metres East and 159,000 metres North.

Thence due West in a straight line for approximately 16,000 metres to the intersection of island coordinates 152,000 metres East and 159,000 metres North.

Thence due North in a straight line for approximately 11,000 metres to the intersection of island coordinates 152,000 metres East and 170,000 metres North.

Thence due East in a straight line for approximately 2,000 metres to the intersection of island coordinates 154,000 metres East and 170,000 metres North.

Thence due North in a straight line for approximately 19,000 metres to the intersection of island coordinates 154,000 metres East and 189,000 metres North.

Thence due East in a straight line for approximately 1,000 metres to the intersection of island coordinates 155,000 metres East and 189,000 metres North.

Thence due North in a straight line for approximately 2,000 metres to the intersection of island coordinates 155,000 metres East and 191,000 metres North, back to the starting point.

Dated this 13<sup>th</sup> day of JULY 2016

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MINISTER

A handwritten signature in blue ink, appearing to read "A. St. J." or "A. St. John".

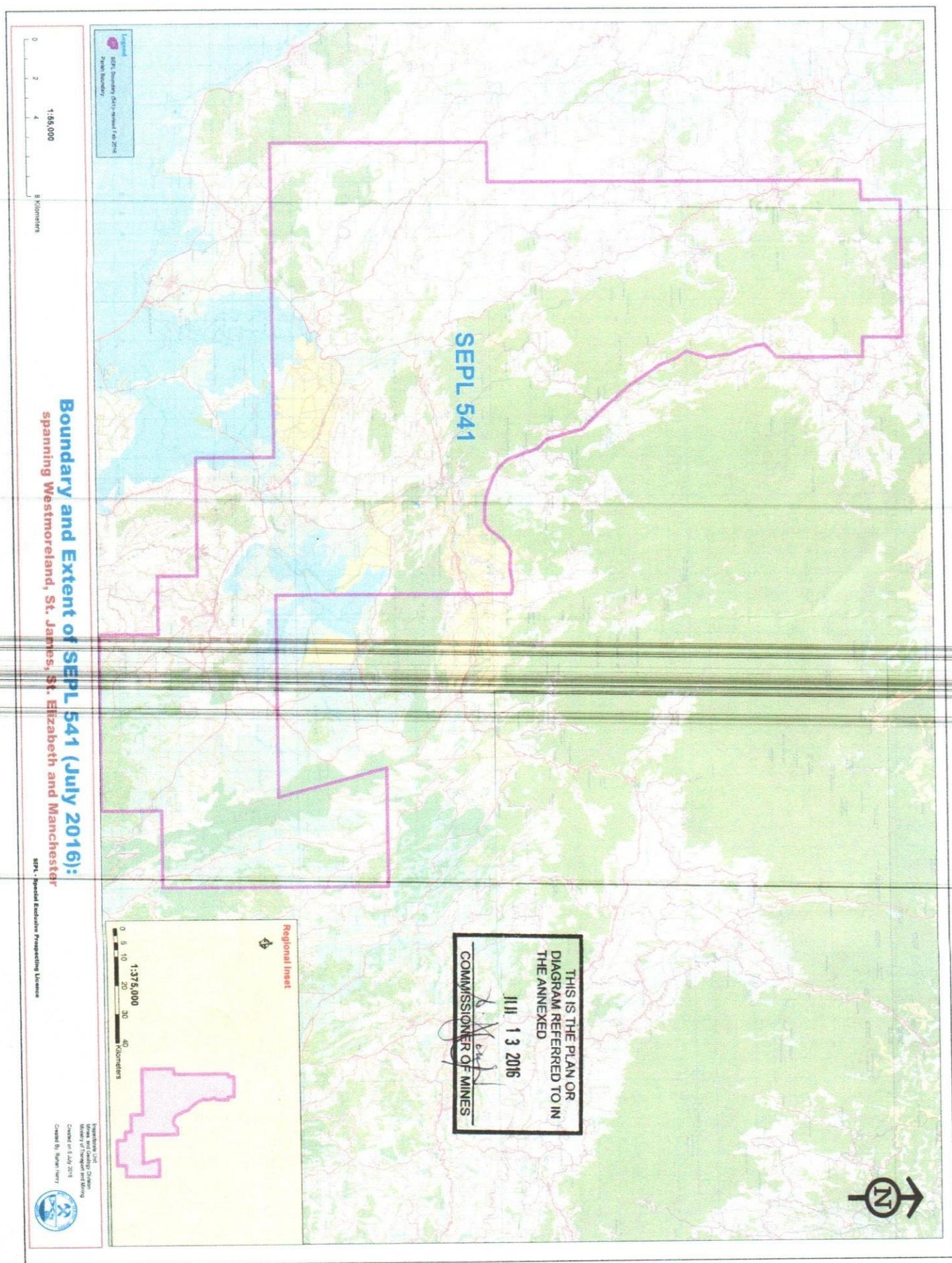
## SPECIAL CONDITIONS

1. (a) The Licensee shall give fourteen days notice to the owner or occupier of the lands not owned by him before commencing prospecting operations thereon.  
(b) A copy of each such notice shall be forwarded to the Commissioner of Mines.
2. It is hereby agreed and declared that it is the intention of this Special Exclusive Prospecting Licence that the prospecting to be pursued thereunder is with a view to securing mineable bauxite of the quality and quantity needed to meet the bauxite reserves requirements of the alumina plant located at Nain in the parish of St. Elizabeth and operated by **Quality Incorporations I Limited** and **Hydro Aluminium Jamaica a.s.** in their capacity as partners in Alumina Partners of Jamaica.
3. (a) With each half-yearly report required under the Mining Regulations, 1947 and on termination of this Special Exclusive Prospecting Licence, the licensee shall submit to the Commissioner of Mines or his duly authorised agent complete reports including copies of raw data and the interpretation of geochemical, geophysical drilling, mapping and all other forms of prospecting. Drill cores shall be kept for examination for a period of at least five years and splits made available to the Commissioner of Mines or his duly authorised agent upon request.  
(b) The licensee shall submit with these reports the following maps and information in hard copy and digital format:
  - The island's 1/50,000 scale topographical sheet showing the specific areas over which prospecting operations have been carried out;
  - A map of scale not smaller than 1/50,000 showing the outlines and the position of all sample pits and boreholes;
  - Orebody drill maps with drill hole location and related assay data.
4. All drill holes should be plugged to avoid injury to animals.
5. On completion of the exploration programme the licensee shall submit to the Commissioner of Mines or his duly authorised agent the following:
  - (a) a comprehensive report in hard copy and digital format of -
    - (i) Orebody drill maps;
    - (ii) Analytical data from exploration;
    - (iii) Land ownership map of the study area;
  - (b) Splits of bauxite samples.
6. Ecologically sensitive and archeologically important sites should be avoided as far as possible.

Nov. 15, 2005  
Date

Minister of Land and Environment







**ENDORSEMENT NO. 12**

Renewed for one (1) year from November 15, 2016 on all the same terms and conditions.

Dated this ..... 15<sup>th</sup> day of DECEMBER 2016

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Minister

Endorsement No. 10

This is to give effect to the amendment of the boundary of Special Exclusive Prospecting Licence SEPL 541 to exclude the areas that overlap with the proposed Cockpit Country boundary.

Dated this 13<sup>th</sup> day of JULY 2016

  
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Minister

Endorsement No. 11

Renewed for one (1) year from November 15, 2015 with amendment to the boundary.

Dated this 13<sup>th</sup> day of JULY 2016

  
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Minister

ENDORSEMENT NO. 8

Renewed for one (1) year from the 15<sup>th</sup> day of November, 2013, on all the same terms and conditions.

Dated this ..... 13<sup>th</sup> day of ..... DECEMBER ..... 2013.

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Minister

ENDORSEMENT NO. 9

Renewed for one (1) year from November 15, 2014, on all the same terms and conditions.

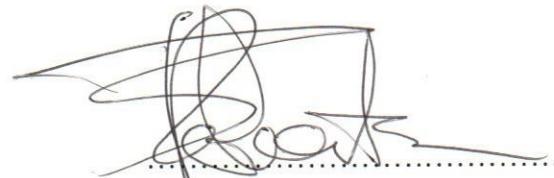
20th  
Dated this ..... day of ..... NOVEMBER ..... 2014.

.....  
Minister

ENDORSEMENT NO. 5

Renewed for one (1) year from the 15<sup>th</sup> day of November 2010, on all the same terms and conditions.

Dated this 31<sup>ST</sup> day of DECEMBER 2010.

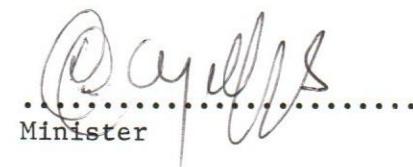


Minister

ENDORSEMENT NO. 6

Renewed for one (1) year from the 15th day of November 2011, on all the same terms and conditions.

Dated this 25<sup>TH</sup> day of NOVEMBER 2011.

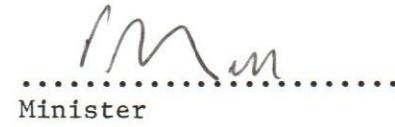


Minister

ENDORSEMENT NO. 7

Renewed for one (1) year from the 15th day of November 2012, on all the same terms and conditions.

Dated this 20<sup>TH</sup> day of NOVEMBER 2012.



Minister

ENDORSEMENT NO. 1

Renewed for one (1) year from the 15<sup>th</sup> day of November 2006, on all the same terms and conditions.

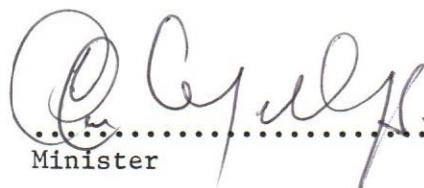
Dated this ..... 9<sup>th</sup> day of ..... 17<sup>th</sup> 2007.

  
Minister

ENDORSEMENT NO. 2

Renewed for one (1) year from the 15th day of November 2007, on all the same terms and conditions.

Dated this ..... 29<sup>th</sup> day of ..... OCTOBER ..... 2007.

  
Minister

ENDORSEMENT NO. 3

Renewed for one (1) year from the 15th day of November 2008, on all the same terms and conditions.

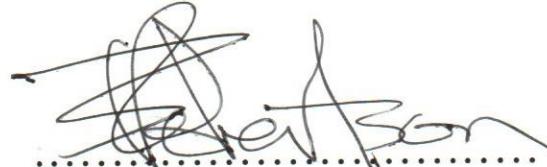
Dated this ..... 9<sup>th</sup> day of ..... DECEMBER ..... 2008.

  
Minister

ENDORSEMENT NO. 4

Renewed for One (1) year from the 15th day of November, 2009 on all the same terms and conditions.

Dated this ..... 1<sup>st</sup> day of ..... June ..... 2010

  
Minister

# PLAN