



**Roinn Cumarsáide,
Fuinnimh & Acmhainní Nádurtha**
Department of Communications,
Energy & Natural Resources

MINERALS DEVELOPMENT ACTS, 1940-1999

REPORT BY THE MINISTER FOR COMMUNICATIONS,
ENERGY AND NATURAL RESOURCES

FOR THE SIX MONTHS ENDED
30 JUNE 2016

IN ACCORDANCE WITH SECTION 77 OF THE MINERALS
DEVELOPMENT ACT, 1940 AND SECTION 8 OF
THE MINERALS DEVELOPMENT ACT, 1979

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**EXPLORATION AND MINING DIVISION
*Minerals Production MP 05/16***

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**AN ROINN CUMARSÁIDE,
FUINNIMH AGUS ACMHAINNÍ NÁDÚRTHA**

NA H-ACHTANNA FORBARTHA MIANRAÍ, 1940-1999
TUARASCÁIL AN AIRE CUMARSÁIDE, FUINNIMH AGUS ACMHAINNÍ
NÁDÚRTHA
DON SÉ MHÍ DÁR CRÍOCH
30 MEITHEAMH 2016

DE RÉIR ALT 77 DEN ACHT
FORBAIRTE MIANRAÍ, 1940 AGUS ALT 8 DEN
ACHT FORBARTHA MIANRAÍ, 1979

AN RANNÓG TAISCÉALAÍOCHTA AGUS MIANADÓIREACHTA
Táirgeadh Mianraí MP 05/16

BAILE ÁTHA CLIATH
ARNA FHOILSIÚ AG OIFIG AN tSOLÁTHAIR
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MINERALS DEVELOPMENT ACTS, 1940-1999

Report by the Minister for Communications, Energy and Natural Resources for the six months ended 30 June 2016

This Report is compiled under Section 77 of the Minerals Development Act, 1940 and Section 8 of the Minerals Development Act, 1979.

The Report sets out details of the State Mining Leases, State Mining Licences and Prospecting Licences current as of 30 June 2016 and the total amount of all moneys collected by the Minister under or by virtue of any such Lease or Licence or otherwise in connection with the Minerals Development Acts for the 6 months ended 30 June 2016.

As of 30 June 2016 there were:

- 10 extant State Mining Leases
- 6 extant State Mining Licences
- 500 extant Prospecting Licences

In the period of six months ended 30 June 2016:

- 2 Prospecting Licences granted
- 77 Prospecting Licences surrendered

Total receipts for the six months ended 30 June 2016, amounted to €1,348,735.

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PART 1**11 State Mining Licences and 10 State Mining Leases granted under the Acts and current during the period 1 January 2016 to 30 June 2016****SUMMARY**

SML NO.	HELD BY	COUNTY	VALIDITY		MAIN COMMODITY
			FROM	TO	
State Mining Licences					
1	Galmoy Mines Ltd.	Kilkenny	03.02.1995	02.02.2016*	Lead and Zinc
2	Boliden Tara Mines Ltd.	Meath	03.07.1998	30.11.2023	Lead and Zinc
3	Boliden Tara Mines Ltd.	Meath	03.07.1998	30.11.2023	Lead and Zinc
4	Boliden Tara Mines Ltd.	Meath	11.09.2000	30.11.2023	Lead and Zinc
5	Boliden Tara Mines Ltd.	Meath	15.01.2004	30.11.2023	Lead and Zinc
6	Galmoy Mines Ltd.	Kilkenny	29.08.2002	02.02.2016*	Lead and Zinc
8	Galmoy Mines Ltd.	Kilkenny	21.01.2005	02.02.2016*	Lead and Zinc
9	Galmoy Mines Ltd.	Kilkenny	25.08.2005	02.02.2016*	Lead and Zinc
10	Galmoy Mines Ltd.	Kilkenny	28.02.2005	02.02.2016*	Lead and Zinc
11	(1) Vedanta Lisheen Mining Ltd, (2) Killoran Lisheen Mining Ltd. (3) Lisheen Milling Co.	Tipperary	08.01.2013	06.10.2027	Lead, Zinc and Other Minerals
12	Boliden Tara Mines Ltd.	Meath	22.04.2013	30.06.2021	Lead and Zinc
State Mining Leases					
17**	Joyce's Marble Quarries Ltd.	Galway	01.10.1933	30.09.2032	Marble and Other Minerals
23**	Fleming's Fireclays Ltd.	Laois	01.03.1935	29.02.2032	Fireclay, Coal
30**	Connemara Marble Products Ltd.	Galway	01.11.1937	31.10.2034	Marble
37	Fleming's Fireclays Ltd.	Laois	14.11.1940	13.11.2039	Fireclay, Coal and Other Minerals
79	Joyce's Marble Quarries Ltd.	Galway	01.12.1957	30.11.2056	Marble and Other Minerals
139	Irish Gypsum Ltd.	Monaghan	12.11.2002	11.11.2032	Gypsum, Anhydrite and Other Minerals
140	(1) Vedanta Lisheen Mining Ltd. (formerly Anglo American Lisheen Mining Ltd.) (2) Killoran Lisheen Mining Ltd. (3) Lisheen Milling Co.	Tipperary	07.10.1997	06.10.2027	Zinc, Lead and Other Minerals
144	Boliden Tara Mines Ltd.	Meath	01.07.2006	30.06.2021	Lead and Zinc
146	Boliden Tara Mines Ltd.	Meath	01.12.2013	30.11.2023	Lead and Zinc
147	Boliden Tara Mines Ltd.	Meath	01.12.2013	30.11.2023	Lead and Zinc

* Licence expired within the term of the report

** Granted under the Mines and Minerals Act, 1931 (No. 54)

<u>Name and Address of Licensee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Ardbraccan (part), Knockumber (part), County Meath Licence No. 2
<u>Area:</u>	35.61 hectares
<u>Period:</u>	3 July 1998 to 30 November 2023
<u>Consideration:</u>	Once off payment of €190,460.71 in lieu of Royalties

<u>Name and Address of Licensee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Part of the townland of Whistlemount in County Meath Licence No. 3
<u>Area:</u>	1.06 hectares or thereabouts
<u>Period:</u>	3 July 1998 to 30 November 2023
<u>Consideration:</u>	Once off payment of €507,895.23 in lieu of Royalties

<u>Name and Address of Licensee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Part of the townlands of Ardbraccan and Glebe, County Meath Licence No. 4
<u>Area:</u>	39.36 hectares or thereabouts
<u>Period:</u>	11 September 2000 to 30 November 2023
<u>Consideration:</u>	Once off payment of €126,973.80 in lieu of Royalties

<u>Name and Address of Licensee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Part of the townlands of Ardbraccan and Boyerstown, County Meath Licence No. 5
<u>Area:</u>	87.17 hectares or thereabouts
<u>Period:</u>	15 January 2004 to 30 November 2023
<u>Consideration:</u>	Once off payment of €1,050,000 in lieu of Royalties

<u>Name and Address of Licensee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Parts of the townlands of Liscarton (part) and Rathaldron (part) in the County of Meath Licence No. 12
<u>Area:</u>	57.6 hectares (0.576319 km ²) or thereabouts
<u>Period:</u>	22 April 2013 to 30 June 2021
<u>Consideration:</u>	Royalties in respect of working the minerals of 3.75% of revenue where minerals are State owned and 1.875% where minerals are privately owned, until the minerals are worked out.

<u>Name and Address of Lessee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Parts of the townland of Nevinstown in County Meath Lease No. 144
<u>Area:</u>	49.3 hectares or thereabouts
<u>Period:</u>	1 July 2006 to 30 June 2021.
<u>Consideration:</u>	Once off payment of €600,000 in lieu of Royalties

<u>Name and Address of Lessee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C 15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	Parts of the townlands of Betaghstown, Halltown, Irishtown, Mullaghmore or Allerstown, Neillstown and Ongenstown in the Lower Navan Barony in the County of Meath Lease No. 146
<u>Area:</u>	410 hectares (4.1 km ²) or thereabouts
<u>Period:</u>	10 years from 1 December 2013 to 31 November 2023
<u>Consideration:</u>	Dead Rent of €600,000 per annum indexed in line with the Consumer Price Index, merging with Royalties. Royalties of 3.25% of revenue.

<u>Name and Address of Lessee:</u>	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
<u>Minerals:</u>	Lead and Zinc
<u>Lands Concerned:</u>	All or part of the townlands of Whistlemount, Knockumber, Windtown, Clonmagaddan, Batterstown, Donaghmore, Blackcastle, Limekiln Hill, Robinrath, Portanclogh, Neillstown Park, Glebe, Abbeyland, Blackcastle Demesne, Ardbraccan, Athlumney, Liscarton in County Meath Lease No. 147
<u>Area:</u>	1634 hectares (16.34 km ²) or thereabouts
<u>Period:</u>	10 years from 1 December 2013 to 31 November 2023
<u>Consideration:</u>	Dead Rent of €100,000 per annum, indexed in line with the Consumer Price Index, merging with Royalties. <i>Royalties</i> from 1 March 2013; Area 1: 3.25% of revenue in respect of ore extracted in excess of 3.2 million tonnes, grading 7.5% zinc and 2.5% lead (or equivalent); and Area 2: 3.75% of revenue.

<u>Name and Address of Lessee:</u>	Connemara Marble Products Ltd. Moycullen, County Galway
<u>Minerals:</u>	Marble and all other minerals
<u>Lands Concerned:</u>	Cregg (part), Ballinahinch, County Galway Lease No. 30
<u>Area:</u>	4 hectares or thereabouts
<u>Period:</u>	97 years from 1 November 1937 to 31 October 2034
<u>Consideration:</u>	Dead rent of €25.39 per annum merging with Royalties. Royalties; 2½% on all sales of marble raised and gotten

<u>Name and Address of Lessee:</u>	Fleming's Fireclays Ltd. The Swan, Athy, County Kildare, R14 TE81
<u>Minerals:</u>	Coal, fireclay and other minerals Lease No. 23
<u>Lands Concerned:</u>	Moyadd (part), Aghadreen (part), Knockacrin (part) and Slatt Lower, County Laois
<u>Area:</u>	384 hectares
<u>Period:</u>	97 years from 1 March 1935 to 29 February 2032
<u>Consideration:</u>	Dead rent of €31.74 per annum merging with Royalties. <i>Royalties;</i> €0.0159 per metric tonne on coal, culm or carbonaceous matter, €0.0105 per metric tonne on fireclay raised.

<u>Name and Address of Lessee:</u>	Fleming's Fireclays Ltd. The Swan, Athy, County Kildare, R14 TE81
<u>Minerals:</u>	Coal, fireclay and other minerals Lease No. 37
<u>Lands Concerned:</u>	Slatt Lower (part) and Ballylehane Upper (part), County Laois
<u>Area:</u>	121.4 hectares
<u>Period:</u>	99 years from 14 November 1940 to 13 November 2039
<u>Consideration:</u>	Dead rent of €31.74 per annum merging with Royalties. <i>Royalties;</i> €0.0159 per metric tonne on coal, culm or carbonaceous matter, €0.0105 per metric tonne on fireclay, 4% of the value of all other minerals.

<u>Name and Address of Licensee:</u>	Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny, E41 CH93
<u>Minerals:</u>	Lead, zinc and other minerals
<u>Lands Concerned:</u>	Castletown (part), Garrylaun (part), Rathreagh (part), Whiteswall (part), County Kilkenny Licence No. 1
<u>Area:</u>	141 hectares or thereabouts
<u>Period:</u>	21 years from 3 February 1995 to 2 February 2016
<u>Consideration:</u>	Licence Fee of €63,486.90 per annum, indexed in line with the Consumer Price Index, until the working of the minerals has permanently ceased; and €25,394.76 per annum for each year thereafter, merging with Royalties. Licence Fee increased in line with CPI, was €38,985.30 per annum until expired in February 2016. <i>Royalties;</i> 1.5% of revenue until 31 August 2000, 2.5% of revenue from 1 September 2000 until 28 February 2001, 1.25% of revenue from 1 March 2001 until 30 June 2006, and 1.75% of revenue from 1 July 2006 until the minerals are worked out.

<u>Name and Address of Licensee:</u>	Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny, E41 CH93
<u>Minerals:</u>	Lead, zinc and other minerals
<u>Lands Concerned:</u>	Rathreagh (part) Licence No. 6
<u>Area:</u>	26 hectares or thereabouts
<u>Period:</u>	13.5 years from 29 August 2002 to 2 February 2016
<u>Consideration:</u>	Licence Fee of €5,000 per annum, indexed in line with the Consumer Price Index, merging with Royalties, payable until production permanently ceases. Currently €0.00 <i>Royalties;</i> 1.25% of revenue until 30 June 2006, 1.75% of revenue from 1 July 2006 until the minerals are worked out.

<u>Name and Address of Licensee:</u>	Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny, E41 CH93
<u>Minerals:</u>	Lead, zinc and other minerals
<u>Lands Concerned:</u>	Rathreagh (part) Licence No. 8
<u>Area:</u>	12.9 hectares or thereabouts
<u>Period:</u>	11 years from 21 January 2005 to 2 February 2016
<u>Consideration:</u>	Licence Fee of €15,000 per annum until the working of the minerals has permanently ceased, indexed in line with the Consumer Price Index, merging with Royalties, payable until production permanently ceases. Currently €0.00 <i>Royalties;</i> 1.25% of revenue until 30 June 2006, 1.75% of revenue thereafter until the minerals are worked out.

<u>Name and Address of Licensee:</u>	Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny, E41 CH93
<u>Minerals:</u>	Lead, zinc and other minerals
<u>Lands Concerned:</u>	Castletown (part) Licence No. 10
<u>Area:</u>	109 hectares or thereabouts
<u>Period:</u>	11 years from 28 February 2005 to 2 February 2016
<u>Consideration:</u>	Licence Fee of €5,000 per annum until the working of the minerals has permanently ceased, indexed in line with the Consumer Price Index, merging with Royalties, payable until production permanently ceases. Currently €0.00 <i>Royalties;</i> 1.25% of revenue until 30 June 2006, 1.75% of revenue thereafter until the minerals are worked out.

<u>Name and Address of Licensee:</u>	Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny, E41 CH93
<u>Minerals:</u>	Lead, zinc and other minerals
<u>Lands Concerned:</u>	Rathreagh (part) Licence No. 9
<u>Area:</u>	33.0 hectares or thereabouts
<u>Period:</u>	10.5 years from 25 August 2005 to 2 February 2016
<u>Consideration:</u>	Licence Fee of €15,000 per annum until the working of the minerals has permanently ceased, indexed in line with the Consumer Price Index, merging with Royalties, payable until production permanently ceases. Currently €0.00 <i>Royalties;</i> 1.25% of revenue until 30 June 2006, 1.75% of revenue thereafter until the minerals are worked out.

<u>Name and Address of Lessee:</u>	Irish Gypsum Ltd. 4 Kilcarbery Park, Nangor Road, Dublin, D22 R277
<u>Minerals:</u>	Gypsum, anhydrite and all other minerals
<u>Lands Concerned:</u>	Ballycartlan, Derryleeg, Derrynaglah, Derrynascobe, Drumgoosat, Drummond (E.D. Enagh), Enagh, Knocknacran East and Knocknacran West, Co. Monaghan, and Cormey in Co. Cavan Lease No. 139
<u>Area:</u>	4.57 square kilometres
<u>Period:</u>	30 years from 12 November 2002 to 11 November 2032
<u>Consideration:</u>	Dead rent of €36,666.24 per annum, indexed in line with the Consumer Price Index, merging with Royalties. <i>Royalties;</i> €0.785 per tonne on the minerals raised, gotten and taken away.

<u>Name and Address of Lessee:</u>	Joyce's Marble Quarries Ltd. Lissoughter, Recess, Connemara, County Galway, H91 K3E8
<u>Minerals:</u>	Marble and all other minerals
<u>Lands Concerned:</u>	Barnanoraun (part), County Galway Lease No. 17
<u>Area:</u>	24.65 hectares or thereabouts
<u>Period:</u>	99 years from 1 October 1933 to 30 September 2032
<u>Consideration:</u>	Dead rent of €15.24 per annum merging with Royalties. <i>Royalties;</i> €0.3174 per metric tonne on all marble raised, gotten and taken away, 4% of all other minerals.

<u>Name and Address of Lessee:</u>	Joyce's Marble Quarries Ltd. Lissoughter, Recess, Connemara, County Galway, H91 K3E8
<u>Minerals:</u>	Marble and all other minerals
<u>Lands Concerned:</u>	Tievebreen (part), County Galway Lease No. 79
<u>Area:</u>	16.19 hectares
<u>Period:</u>	99 years from 1 December 1957 to 30 November 2056
<u>Consideration:</u>	Dead rent of €25.39 per annum merging with Royalties. <i>Royalties;</i> €0.3174 per metric tonne on all marble raised, gotten and taken away, 4% on all other minerals.

<u>Name and Address of Licensee:</u>	Vedanta Lisheen Mining Ltd. Killoran Lisheen Mining Ltd, Lisheen Milling Co. Killoran, Moyne, Thurles, County Tipperary, E41 R622
<u>Minerals:</u>	Lead, Zinc and Other Minerals
<u>Lands Concerned:</u>	Parts of the townland of Killoran (part) in the County of Tipperary Licence No. 11
<u>Area:</u>	0.5428 hectares (0.005428km ²) or thereabouts
<u>Period:</u>	08 January 2013 to 06 October 2027
<u>Consideration:</u>	Royalties in respect of working the minerals of 1.75% of revenue until the minerals are worked out.

<u>Name and Address of Lessee:</u>	Vedanta Lisheen Mining Ltd. Killoran Lisheen Mining Ltd. Lisheen Milling Co. Killoran, Moyne, Thurles, County Tipperary, E41 R622
<u>Minerals:</u>	Zinc, Lead and Other Minerals
<u>Lands Concerned:</u>	Derryville (part), Killoran (part), Ballyerk (part), Barnalisheen (part), County Tipperary Lease No. 140
<u>Area:</u>	188 hectares
<u>Period:</u>	30 years from 7 October 1997 to 6 October 2027
<u>Consideration:</u>	Dead rent currently €558,131.14 per annum, subject to indexation in line with the Consumer Price Index, merging with Royalties until production has permanently ceased. Lease provides for Dead Rent to reduce to €20,000 (€25,400) for each year following cessation of production, also subject to indexation in line with the Consumer Price Index. Royalties of 3.5% of revenue per annum until the determination of the Lease or until the minerals are worked out, whichever is sooner.

PART 2

A Prospecting Licence typically covers some 35 square kilometers. There are currently over 2,000 delineated Licence Areas covering the whole country, which are defined by townland boundaries. A searchable online map, with current licence holder information for all the Prospecting Licence Areas (PLA) and the composite townlands, is available at:

<http://spatial.dcenr.gov.ie/ExplorationAndMining/SpatialViewer/index.html>

Minerals Prospecting Licences granted under the Acts during the period 1 January 2016 to 30 June 2016

The licensed minerals are abbreviated as follows: Base metals (Bm); Barytes (b); Gold (g); Silver (s); Platinum Group Elements (PGE), Rare Earth Elements (REE).

PLA	LICENSEE	COUNTY	MINERAL	START
2895	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	16-02-2016
3863	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	16-02-2016

Minerals Prospecting Licences held under the Acts
on the 30 June 2016

PLA	LICENSEE	COUNTY	MINERAL	START
184	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	20-02-2006
185	Diversified Asset Holdings Pty. Ltd.	Longford	Bm, b, s, g, PGE	03-09-2014
186	Diversified Asset Holdings Pty. Ltd.	Longford	Bm, b, s, g, PGE	03-09-2014
350	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	12-02-2015
405	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
449	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
450	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
562	Erris Resources Ltd.	Roscommon	Bm, b, s, g	26-08-2013
580	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	26-09-2012
581	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	26-09-2012
582	Vedanta Exploration Ireland Ltd.	Longford	Bm, b, s, g	10-11-2015
622	Ballinalack Resources Ltd.	Longford	Bm, b, s, g, PGE	20-02-2006
635	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	06-12-1996
636	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	06-12-1996
666	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	15-12-2005
667	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	20-02-2006
735	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
743	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
757	Erris Resources Ltd.	Sligo	Bm, s, g	26-08-2013
930	MOAG Copper Gold Resources Inc	Galway	Bm, s	25-09-2006
934	MOAG Copper Gold Resources Inc.,	Galway	Bm, s	31-12-2005
1022	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	21-10-2013
1043	Vedanta Exploration Ireland Ltd.	Westmeath	Bm, b, s, g	10-11-2015
1051	Oldcastle Zinc Ltd.	Cavan	Bm, b, s, g, PGE	28-01-2005
1053	Oldcastle Zinc Ltd.	Meath	Bm, b, s, g, PGE	28-01-2005
1102	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	15-11-2006
1174R	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
1178	Teck Ireland Ltd.	Offaly	Bm, b, s, g, PGE	08-08-2006
1181	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	26-06-2006
1196	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	12-01-2012
1198	Boliden Tara Mines Ltd.	Wexford	Bm, b, s, g	10-03-2000
1199	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	04-10-2012

PLA	LICENSEE	COUNTY	MINERAL	START
1200	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	04-10-2012
1228	Minco Ireland Ltd.	Westmeath	Bm, b, s, g	03-11-2015
1229	Minco Ireland Ltd.	Westmeath	Bm, b, s, g	03-11-2015
1245	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	12-02-2012
1316	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	26-01-2012
1317	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	26-01-2012
1318	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	26-01-2012
1319	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	12-02-2012
1322	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
1323	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
1324	Boliden Tara Mines Ltd.	Meath	Bm, b, s	16-11-1995
1325	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
1327	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	20-04-2011
1331	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1332	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1333	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1334	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1338	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1339	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
1341	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	25-01-2007
1343	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	15-11-2006
1344	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005
1345	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005
1346	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005
1349	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	12-02-2012
1353	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	26-09-2012
1356	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g, Antimony	23-01-1998
1357	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g, Antimony	23-01-1998
1373	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014
1383	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	20-02-2006
1384	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	19-12-2011
1385	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	20-02-2006
1387	Teck Ireland Ltd.	Westmeath	Bm, b, s	08-08-2007
1388	Teck Ireland Ltd.	Westmeath	Bm, b, s, g	29-09-2008
1431	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
1440R	Westland Exploration Ltd.	Meath	Bm, b, s	23-10-1972
1450	Beal Na Blath Resources Ltd.	Meath/Dublin	Bm, b, s, g, PGE	10-07-2015
1457	Diversified Asset Holdings Pty. Ltd.	Limerick	Bm, b, s, g	28-11-2013
1469	Omagh Minerals Ltd.	Leitrim	Bm, b, s, g	18-03-2014
1476	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
1496	Rennicks and Bennett Ltd.	Meath	Bm, b, s	16-08-1971

PLA	LICENSEE	COUNTY	MINERAL	START
1500	BHP World Exploration Inc.	Meath	Bm, b, s, g, Iron	14-12-1995
1562	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	30-01-2011
1565	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
1577	Connemara Mining Co. Ltd.	Tipperary	Bm, b, s, g, PGE, Iron	07-07-2008
1578	Connemara Mining Co. Ltd.	Tipperary	Bm, b, s, g, PGE, Iron	07-07-2008
1587	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	21-09-2010
1588	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	21-09-2010
1601	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
1604	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	30-11-2015
1630	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	30-11-2015
1631	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	30-11-2015
1641	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	20-03-2014
1652	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	20-03-2014
1653	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	20-03-2014
1660	Erris Resources Ltd.	Sligo	Bm, s, g	26-08-2013
1667	Teck Ireland Ltd.	Roscommon	Bm, b, s, g	26-08-2008
1690	Beal Na Blath Resources Ltd.	Sligo	Bm, b, s, g, PGE	08-07-2015
1700	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	03-07-2014
1788	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	03-07-2014
1801	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
1802	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
1803	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
1814	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Cobalt, Iron	08-09-2010
1870	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g	10-04-1997
1952	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE, Fluorspar	06-07-2011
1982	Teck Ireland Ltd.	Galway	Bm, b, s	12-03-2011
1991	Oldcastle Zinc Ltd.	Meath	Bm, b, s, g, PGE	28-01-2005
2021	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
2029	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
2030	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
2053	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
2062	Teck Ireland Ltd.	Kildare/Offaly	Bm, b, s, g, PGE	26-06-2006
2063	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2103	IMC Exploration Ltd.	Roscommon	Bm, b, s	14-05-2011

PLA	LICENSEE	COUNTY	MINERAL	START
2105	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE	03-07-2015
2115	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE	25-02-2010
2139	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
2193	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	20-06-2015
2194	Conroy Gold Ltd.	Monaghan	Bm, b, s, g	15-07-1996
2236	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
2237	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
2238	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
2239	IMC Exploration Ltd.	Wicklow	Bm, b, s, g	12-05-2011
2260	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
2268	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	12-01-2012
2295	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2301	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2315	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
2351	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
2354	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
2357R	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
2358	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
2359	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
2394	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2395	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2440	Beal Na Blath Resources Ltd.	Cork	Bm, b, s, g, PGE	30-06-2015
2442	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
2522	Boliden Tara Mines Ltd.	Offaly/Laois	Bm, b, s, g	15-11-2006
2523	Oriel Selection Trust Ltd.	Roscommon	Bm, b, s, g	10-07-2014
2529	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	06-12-1996
2530	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	13-11-1995
2531	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	28-04-2006
2537	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	15-11-2006
2538	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	15-11-2006
2539	Teck Ireland Ltd.	Offaly	Bm, b, s, g, PGE	08-08-2006
2540	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	08-08-2006
2551	IMC Exploration Ltd.	Wexford	Bm, b, s, g	12-05-2011
2552	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012

PLA	LICENSEE	COUNTY	MINERAL	START
2553	Connemara Mining Co. Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium	16-04-2008
2554	Connemara Mining Co. Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium	16-04-2008
2555	Connemara Mining Co. Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium	16-04-2008
2558	Connemara Mining Co. Ltd.	Wicklow	Bm, b, s, g, PGE, Caesium, Lithium	16-04-2008
2610	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
2627	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	20-03-2014
2638	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
2645	Irish Resource Exploration Ltd.	Mayo	S, g	29-06-2012
2646	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2647	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2664	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
2666	Vedanta Exploration Ireland Ltd.	Roscommon	Bm, b, s, g, Calcite	20-03-2014
2674	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007
2698	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
2700	Vedanta Exploration Ireland Ltd.	Galway	Bm, b, s, g, Calcite	20-03-2014
2702	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	15-11-2006
2710	Teck Ireland Ltd.	Dublin	Bm, b, s, g, PGE	26-01-2012
2724	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
2732	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2752	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
2754	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
2772	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
2774	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	21-09-2010
2775	Ballinalack Resources Ltd.	Longford	Bm, b, s, g, PGE	19-12-2011
2777	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
2778	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2779	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2780	Teck Ireland Ltd.	Longford	Bm, b, s, g	26-08-2008
2784	Teck Ireland Ltd.	Roscommon	Bm, b, s, g	26-08-2008
2803	Canada Resources Plc	Donegal	Bm, b, s, g, PGE, REE, Iron, Niobium, Tantalum, Tungsten	09-10-2015
2812	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2813	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2814	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2815	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2836	Beal Na Blath Resources Ltd.	Meath	Bm, b, s, g, PGE	10-07-2015
2860	Unicorn Mineral Resources Ltd.	Offaly	Bm, b, s, g, PGE, Fluorspar	04-07-2011
2872	Diversified Asset Holdings Pty. Ltd.	Limerick	Bm, b, s, g, PGE, Tin, Tungsten	19-03-2014

PLA	LICENSEE	COUNTY	MINERAL	START
2882	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2883	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2884	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
2895	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	16-02-2016
2927	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
2946	Adventus Exploration Ltd.	Cork	Bm, b, s, g	24-01-2014
2947	Adventus Exploration Ltd.	Cork	Bm, b, s, g	24-01-2014
2948	Adventus Exploration Ltd.	Cork	Bm, b, s, g	24-01-2014
2949	Adventus Exploration Ltd.	Cork	Bm, b, s, g	28-11-2013
2981	Oriel Selection Trust Ltd.	Roscommon	Bm, b, s, g	21-10-2013
2982	Oriel Selection Trust Ltd.	Roscommon	Bm, b, s, g	21-10-2013
3012	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3013	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3014	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3027	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	20-06-2015
3028	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g	15-07-1996
3036	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g,	01-06-2013
3037	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g,	01-06-2013
3038	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g,	01-06-2013
3039	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3040	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3063	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3066	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g	16-07-2012
3076	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3077	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3093	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
3095	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3101	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
3123	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
3130	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g	27-11-1996
3135	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
3144	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-10-2013
3145	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
3162	Omagh Minerals Ltd.	Leitrim	Bm, b, s, g	18-03-2014
3163	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE	03-07-2015
3166	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-10-2013
3169	Irish Resource Exploration Ltd.	Galway	S, g	04-07-2011
3170	Irish Resource Exploration Ltd.	Galway	S, g	29-06-2012
3194	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
3195	Unicorn Mineral Resources Ltd.	Kilkenny/Waterford	Bm, b, s, g, PGE	20-03-2015

PLA	LICENSEE	COUNTY	MINERAL	START
3202	Beal Na Blath Resources Ltd.	Cork	Bm, b, s, g, PGE	30-06-2015
3205	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
3206	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
3207	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
3208	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
3214	Kenmare Resources Plc.	Kilkenny	Bm, b, s, g, PGE	24-11-2014
3217	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
3227	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
3228	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3229	Adventus Exploration Ltd.	Cork	Bm, b, s, g	28-11-2013
3230	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3234	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
3235	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3237	Diversified Asset Holdings Pty. Ltd.	Wexford	Bm, b, s, g, PGE	15-07-2015
3248	Vedanta Exploration Ireland Ltd.	Roscommon	Bm, b, s, g, Calcite	20-03-2014
3251	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3268	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	08-11-1991
3281	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3282	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3307	Zetland Resources Ltd.	Galway	Bm, b, s, g	28-06-2012
3307	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
3312	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	30-06-2014
3313	Connemara Mining Co. Ltd.	Kilkenny	Bm, b, s, g, PGE	14-07-2014
3321	Connemara Mining Co. Ltd.	Tipperary	Bm, b, s, g, PGE, Iron	07-07-2008
3322	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	20-03-2014
3323	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3324	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	16-12-2005
3326	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
3329	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	26-01-2012
3331	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	30-11-2015
3342	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	21-05-1999
3344	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	25-05-1999
3346	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
3367	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
3370	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3373	Boliden Tara Mines Ltd.	Meath	Bm, b, s	01-03-1993

PLA	LICENSEE	COUNTY	MINERAL	START
3374	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	08-08-2006
3380	Bowpark Exploration Ireland Ltd.	Sligo	Bm, b, s, g	10-09-2010
3381	Bowpark Exploration Ireland Ltd.	Sligo	Bm, b, s, g	10-09-2010
3382	Bowpark Exploration Ireland Ltd.	Sligo	Bm, b, s, g	10-09-2010
3400	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g	27-11-1996
3405	Vedanta Exploration Ireland Ltd.	Westmeath	Bm, b, s, g	10-11-2015
3407	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
3411	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
3423	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
3424	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
3426	IMC Exploration Ltd.	Tipperary	Bm, b, s	12-05-2011
3427	Vedanta Exploration Ireland Ltd.	Kildare	Bm, b, s, g, Calcite	20-03-2014
3429	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	15-11-2006
3431	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s, PGE	30-05-2005
3459	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3460	IMC Exploration Ltd.	Roscommon	Bm, b, s	14-05-2011
3467	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
3470	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	27-11-2006
3471	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	27-11-2006
3479	Unicorn Mineral Resources Ltd.	Galway	Bm, b, s, g, PGE, Fluorspar	06-07-2011
3492	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3493	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3494	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3495	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3500	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012
3504	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	19-11-2011
3505	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014
3509	Lundin Mining Exploration Ltd.	Clare	Bm, b, s	20-08-2012
3518	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3531	Vedanta Exploration Ireland Ltd.	Westmeath	Bm, b, s, g	10-11-2015
3535	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014

PLA	LICENSEE	COUNTY	MINERAL	START
3536	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014
3537	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014
3538	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014
3549	Boliden Tara Mines Ltd.	Kildare	Bm, b, s, g	15-11-2006
3550	IMC Exploration Ltd.	Clare	Bm, b, s	31-05-2011
3555	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3556	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	14-12-2015
3568	Erris Resources Ltd.	Leitrim/ Roscommon	Bm, b, s, g	30-09-2013
3570	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3571	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3572	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	03-09-2007
3574	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3575	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	26-06-2006
3576	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	26-06-2006
3585	Vedanta Exploration Ireland Ltd.	Leitrim	Bm, b, s, g, Calcite	20-03-2014
3586	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3587	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3605	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3609	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
3611	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
3614	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	26-01-2012
3615	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Dolomite and Dolomitic Limestone, Manganese, Silica Sand	28-05-2012
3622	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
3623	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
3624	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
3625	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
3634	Teck Ireland Ltd.	Longford	Bm, b, s, g, PGE	15-12-2005
3636	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	08-08-2006

PLA	LICENSEE	COUNTY	MINERAL	START
3637	Boliden Tara Mines Ltd.	Galway/ Roscommon	Bm, b, s, g	27-11-2006
3638	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	16-12-2005
3640	Lundin Mining Exploration Ltd.	Clare	Bm, b, s	14-07-2008
3643	Lundin Mining Exploration Ltd.	Clare	Bm, b, s	25-05-1999
3644	IMC Exploration Ltd.	Clare	Bm, b	12-05-2011
3647	Glencore Zinc Ireland Ltd.	Tipperary/ Limerick	Bm, b, s	08-11-1991
3649	Vedanta Exploration Ireland Ltd.	Kildare	Bm, b, s, g, Calcite	20-03-2014
3655	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	19-12-2011
3658	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	12-02-2012
3659	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	12-02-2012
3660	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	12-02-2012
3664	Teck Ireland Ltd.	Dublin	Bm, b, s, g	07-10-2008
3665	Teck Ireland Ltd.	Dublin	Bm, b, s, g	07-10-2008
3668	IMC Exploration Ltd.	Tipperary	Bm, b, s	31-05-2011
3670	IMC Exploration Ltd.	Tipperary	Bm, b, s	12-05-2011
3676	Hendrick Resources (Ireland) Ltd.	Wicklow	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
3677	IMC Exploration Ltd.	Tipperary	Bm, b, s	12-05-2011
3679	Lundin Mining Exploration Ltd.	Clare	Bm, b, s, g	19-12-2005
3681	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	07-07-2012
3686	Vedanta Exploration Ireland Ltd.	Roscommon	Bm, b, s, g, Calcite	20-03-2014
3692	Teck Ireland Ltd.	Galway	Bm, b, s	19-09-2007
3693	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Cobalt, Iron	08-09-2010
3694	Unicorn Mineral Resources Ltd.	Kilkenny/ Tipperary	Bm, b, s, g, PGE, Cobalt, Iron	08-09-2010
3695	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Cobalt, Iron	08-09-2010
3706	Unicorn Mineral Resources Ltd.	Tipperary	Bm, b, s, g, PGE, Cobalt, Iron	08-09-2010
3729	IMC Exploration Ltd.	Clare	Bm, b, s	20-04-2011
3730	Adventus Exploration Ltd.	Louth	Bm, b, s, g, Gypsum	24-01-2014
3731	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
3732	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
3735	Erris Resources Ltd.	Sligo	Bm, s, g	26-08-2013
3742	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	15-11-2006
3755	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	07-07-2012
3757	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	27-11-2006
3771	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	30-01-2011
3772	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	30-01-2011
3774	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	21-10-2013
3777	Canex JV	Kildare	Bm, b, s, g	19-12-2011

PLA	LICENSEE	COUNTY	MINERAL	START
3781	Boliden Tara Mines Ltd.	Galway/ Roscommon	Bm, b, s, g	30-03-2007
3783	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3787	Lundin Mining Exploration Ltd.	Clare	Bm, b, s	08-06-1994
3788	Lundin Mining Exploration Ltd.	Clare	Bm, b, s, Calcite, Fluorite	08-06-1994
3789	Lundin Mining Exploration Ltd.	Clare	Bm, b, s	08-06-1994
3801	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3806	IMC Exploration Ltd.	Clare	Bm, b, s	31-05-2011
3819	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
3820	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3822	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014
3824	Aurum Mineral Resources Ltd.	Limerick	Bm, b, s, g	27-05-2004
3825	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
3839	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	12-02-2012
3846	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
3848	Vedanta Exploration Ireland Ltd.	Roscommon	Bm, b, s, g, Calcite	20-03-2014
3849	IMC Exploration Ltd.	Wicklow	Bm, b, s, g	07-02-2013
3850	IMC Exploration Ltd.	Wicklow	Bm, b, s, g	07-02-2013
3851	Boliden Tara Mines Ltd.	Meath	Bm, b, s	30-04-2001
3852	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
3857	IMC Exploration Ltd.	Wicklow/Wexford	Bm, b, s, g	12-05-2011
3862	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Dolomite and Dolomitic Limestone, Manganese, Silica Sand	28-05-2012
3863	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	16-02-2016
3864	Blackstairs Lithium Ltd.	Wicklow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
3866	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
3867	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	15-11-2006
3869	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g, Antimony	20-08-1998
3871	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	20-06-2015
3880	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
3880	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3881	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015

PLA	LICENSEE	COUNTY	MINERAL	START
3881	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-10-2013
3884	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
3886	Zetland Resources Ltd.	Galway	Bm, b, s, g	28-06-2012
3887	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	27-04-2005
3891	Dan Morrissey (Ireland) Ltd.	Laois	Coal, Fireclay	27-09-1999
3893	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
3894	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
3896	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	27-10-2012
3908	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	17-07-2001
3915	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
3916	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
3917	Erris Resources Ltd.	Sligo/Roscommon	Bm, b, s, g	26-08-2013
3919	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
3921	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3922	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3925	Oldcastle Zinc Ltd.	Meath	Bm, b, s, g, PGE	28-01-2005
3926	Oldcastle Zinc Ltd.	Meath	Bm, b, s, g, PGE	28-01-2005
3929	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	27-04-2005
3930	Oriel Selection Trust Ltd.	Mayo	Bm, b, s, g	27-04-2005
3931	Dan Morrissey (Ireland) Ltd.	Laois/Carlow	Coal, Fireclay	27-04-2005
3932	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	16-12-2005
3934	Vedanta Exploration Ireland Ltd.	Roscommon	Bm, b, s, g, Iron, Nickel	23-11-2015
3936	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	20-02-2006
3937	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	26-06-2006
3938	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-06-2006
3939	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-06-2006
3940	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	25-01-2007
3941	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	25-01-2007
3942	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	15-11-2006
3943	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	25-01-2007
3944	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007
3945	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007
3946	Boliden Tara Mines Ltd.	Offaly/Westmeath	Bm, b, s, g	25-01-2007
3947	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007
3948	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007
3956	Boliden Tara Mines Ltd.	Offaly/Westmeath	Bm, b, s, g	25-01-2007
3959	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-10-2013

PLA	LICENSEE	COUNTY	MINERAL	START
3963	Unicorn Mineral Resources Ltd.	Galway	Bm, b, s, g, PGE, Fluorspar	08-08-2012
3964	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014
3965	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014
3967	Erris Resources Ltd.	Sligo	Bm, s, g	26-08-2013
3969	Beal Na Blath Resources Ltd.	Sligo	Bm, b, s, g, PGE	08-07-2015
3971	Canada Resources Plc	Donegal	Bm, b, s, g, PGE, REE, Iron, Niobium, Tantalum, Tungsten	09-10-2015
3978	Canada Resources Plc	Donegal	Bm, b, s, g, PGE, REE, Iron, Niobium, Tantalum, Tungsten	09-10-2015
3979	Canada Resources Plc	Donegal	Bm, b, s, g, PGE, REE, Iron, Niobium, Tantalum, Tungsten	09-10-2015
3981	Minco Ireland Ltd.	Westmeath	Bm, b, s, g	03-11-2015
3985	Vedanta Exploration Ireland Ltd.	Westmeath	Bm, b, s, g, Iron, Nickel	23-11-2015
3989	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	08-07-2015
3990	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	20-04-2011
3991	Teck Ireland Ltd.	Meath	Bm, b, s, g	07-10-2008
3992	Teck Ireland Ltd.	Dublin	Bm, b, s, g	07-10-2008
3995	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	22-02-2010
3996	Vedanta Exploration Ireland Ltd.	Longford	Bm, b, s, g	10-11-2015
4004	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE	25-02-2010
4028	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
4029	Conroy Gold and Natural Resources Plc	Monaghan/Cavan	Bm, b, s, g, Gemstones including semi-precious stones	20-04-2009
4030	The Lisheen Mining Partnership	Kilkenny	Bm, b, s, g	19-12-1986
4031	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
4032	Blackstairs Lithium Ltd.	Wicklow	Bm, s, g, REE, Beryllium, Caesium, Lithium, Niobium, Rubidium, Tantalum	07-08-2009
4033	Sunrise Resources Plc	Cork	Bm, b, s, g, PGE	23-11-2009
4034	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
4038	Erris Resources Ltd.	Sligo	Bm, b, s, g	30-09-2013
4041	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g	23-07-2015

PLA	LICENSEE	COUNTY	MINERAL	START
4042	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g	23-07-2015
4043	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g	09-03-2015
4045	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	06-02-2011
4046	Teck Ireland Ltd.	Galway	Bm, b, s	15-01-2011
4048	Teck Ireland Ltd.	Galway	Bm, b, s	12-03-2011
4051	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	20-04-2011
4052	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	26-01-2012
4053	Connemara Mining Co. Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	07-07-2011
4055	Vedanta Lisheen Mining Ltd.	Tipperary	Bm, b, s	28-05-1987
4057	Unicorn Mineral Resources Ltd.	Offaly	Bm, b, s, g, PGE, Fluorspar	04-07-2011
4062	Erris Resources Ltd.	Sligo	Bm, b, s, g	26-08-2013
4064	Erris Resources Ltd.	Sligo/Roscommon	Bm, b, s, g	26-08-2013
4068	Teck Ireland Ltd.	Kildare	Bm, b, s, g, PGE	30-11-2015
4069	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
4070	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
4072	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
4073	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
4075	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
4076	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
4077	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
4078	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
4079	Hendrick Resources (Ireland) Ltd.	Wicklow	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
4080	Hendrick Resources (Ireland) Ltd.	Wicklow	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	13-01-2012
4081	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Caesium, Lithium, Niobium, Tantalum, Tin, Tungsten	12-01-2012
4089	Adventus Exploration Ltd.	Louth	Bm, b, s, g, PGE	05-07-2012
4092	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	20-03-2012
4095	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE, Fluorspar	24-05-2012
4098	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g	16-07-2012
4099	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
4100	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
4101	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
4102	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
4103	Adventus Exploration Ltd.	Cork	Bm, b, s, g	27-06-2013
4104	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
4257	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
4469	Erris Resources Ltd.	Sligo	Bm, s, g	26-08-2013

PLA	LICENSEE	COUNTY	MINERAL	START
4470	Zetland Resources Ltd.	Galway	Bm, b, s, g	03-07-2013
4470	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
4471	Zetland Resources Ltd.	Galway	Bm, b, s, g	03-07-2013
4471	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
4472	Zetland Resources Ltd.	Galway	Bm, b, s, g	03-07-2013
4472	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015
4473	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	15-04-2013
4474	Diversified Asset Holdings Pty. Ltd.	Tipperary/Limerick	Bm, b, s, g	31-05-2013
4475	Connemara Mining Co. Ltd.	Donegal	Bm, b, s, g, PGE	31-10-2013
4477	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	28-06-2013
4478	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	28-06-2013
4479	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	28-06-2013
4480	Diversified Asset Holdings Pty. Ltd.	Tipperary	Bm, b, s, g	28-11-2013
4484	Adventus Exploration Ltd.	Monaghan	Bm, b, s, g, Gypsum	24-01-2014
4485	Adventus Exploration Ltd.	Monaghan	Bm, b, s, g, Gypsum	05-02-2014
4486	Adventus Exploration Ltd.	Louth	Bm, b, s, g, Gypsum	24-01-2014
4489	Adventus Exploration Ltd.	Mayo	Bm, b, s, g	05-02-2014
4491	Boliden Tara Mines Ltd.	Meath	Bm, b, s	19-04-2002
4498	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	12-02-2015
4500	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE	29-05-2015
4502	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	26-10-1970

***Minerals Prospecting Licences surrendered under the Acts
during the period 1 January 2016 to 30 June 2016***

PLA	LICENSEE	COUNTY	MINERALS	START DATE	DATE SURRENDERED
134	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Iron	28-06-2014	25-04-2016
643	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Iron	28-06-2014	25-04-2016
754	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g, Calcite	30-06-2014	25-04-2016
1113	Emerald Zinc Ltd.	Offaly	Bm, b, s, g	16-03-2010	25-04-2016
1188	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014	27-01-2016
1190	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014	27-01-2016
1191	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014	27-01-2016
1347	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005	25-04-2016
1351	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005	25-04-2016
1352	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	30-11-2005	25-04-2016
1406	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	31-01-2006	27-01-2016
1555	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
1556	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
1586	Lundin Mining Exploration Ltd.	Longford	Bm, b, s, g	26-01-2012	27-01-2016
1650	Teck Ireland Ltd.	Laois	Bm, b, s	25-02-2008	25-04-2016
1672	Lundin Mining Exploration Ltd.	Leitrim	Bm, b, s, g	26-01-2012	27-01-2016
1966	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
1967	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
2069	Vedanta Exploration Ireland Ltd.	Tipperary	Bm, b, s, g, Calcite	18-06-2014	25-04-2016
2100	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Iron	28-06-2014	25-04-2016
2246	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g	23-08-2013	20-04-2016
2280	Hibernian Resources Ltd.	Cork	Bm, b, s, g	26-01-2010	27-01-2016

PLA	LICENSEE	COUNTY	MINERALS	START DATE	DATE SURRENDERED
2447	Vedanta Exploration Ireland Ltd.	Tipperary	Bm, b, s, g, Calcite	18-06-2014	25-04-2016
2579	Lundin Mining Exploration Ltd.	Limerick	Bm, b, s, g	17-04-2006	25-04-2016
2696	Lundin Mining Exploration Ltd.	Limerick	Bm, b, s, g	28-02-2006	27-01-2016
2776	Lundin Mining Exploration Ltd.	Leitrim	Bm, b, s	08-12-2008	25-04-2016
2786	Emerald Zinc Ltd.	Offaly	Bm, b, s, g	16-03-2010	25-04-2016
2835	Lundin Mining Exploration Ltd.	Limerick	Bm, b, s, g	28-02-2006	27-01-2016
2881	Lundin Mining Exploration Ltd.	Leitrim	Bm, b, s, g	26-01-2012	27-01-2016
2892	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012	25-04-2016
2896	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012	25-04-2016
2899	Westcork Copper Mining Company Ltd.	Cork	Bm, b, s, g, REE	25-02-2010	24-03-2016
2900	Westcork Copper Mining Company Ltd.	Cork	Bm, b, s, g, REE	25-02-2010	24-03-2016
2964	Grosvenor Exploration & Mining Services (Ire) Ltd.	Donegal	G, Diamond, Gemstones including semi-precious stones	08-09-2010	24-03-2016
3007	Grosvenor Exploration & Mining Services (Ire) Ltd.	Donegal	G, Diamond, Gemstones including semi-precious stones	08-09-2010	24-03-2016
3022	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g	23-08-2013	20-04-2016
3023	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g	23-08-2013	20-04-2016
3062	Grosvenor Exploration & Mining Services (Ire) Ltd.	Donegal	G, Diamond, Gemstones including semi-precious stones	08-09-2010	24-03-2016
3094	Grosvenor Exploration & Mining Services (Ire) Ltd.	Donegal	G, Diamond, Gemstones including semi-precious stones	08-09-2010	24-03-2016
3152	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	31-01-2006	27-01-2016
3158	Teck Ireland Ltd.	Laois	Bm, b, s	25-02-2008	25-04-2016
3233	Gold Note Minerals Ltd.	Donegal	Bm, b, s, g	23-08-2013	20-04-2016
3246	Vedanta Exploration Ireland Ltd.	Tipperary	Bm, b, s, g, Calcite	20-03-2014	25-04-2016

PLA	LICENSEE	COUNTY	MINERALS	START DATE	DATE SURRENDERED
3263	Teck Ireland Ltd.	Laois	Bm, b, s	25-02-2008	25-04-2016
3363	Lundin Mining Exploration Ltd.	Longford	Bm, b, s, g	26-01-2012	27-01-2016
3364	Lundin Mining Exploration Ltd.	Longford	Bm, b, s, g	26-01-2012	27-01-2016
3422	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014	25-04-2016
3435	Westcork Copper Mining Company Ltd.	Cork	Bm, b, s, g, REE	25-02-2010	24-03-2016
3466	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014	27-01-2016
3476	Teck Ireland Ltd.	Tipperary	Bm, b, s, g, PGE	31-01-2006	27-01-2016
3502	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	19-11-2011	27-01-2016
3503	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	19-11-2011	27-01-2016
3506	Adventus Exploration Ltd.	Galway	Bm, b, s, g	05-02-2014	25-04-2016
3588	Emerald Zinc Ltd.	Westmeath	Bm, b, s, g	16-03-2010	25-04-2016
3589	Emerald Zinc Ltd.	Westmeath	Bm, b, s, g	16-03-2010	25-04-2016
3652	Emerald Zinc Ltd.	Westmeath/Offaly	Bm, b, s, g	16-03-2010	25-04-2016
3713	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
3714	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
3715	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
3716	Hibernian Resources Ltd.	Cork	Bm, b, s, g	26-01-2010	27-01-2016
3717	Hibernian Resources Ltd.	Cork	Bm, b, s, g	26-01-2010	27-01-2016
3718	Hibernian Resources Ltd.	Cork	Bm, b, s, g	26-01-2010	27-01-2016
3719	Hibernian Resources Ltd.	Waterford	Bm, b, s, g	26-01-2010	27-01-2016
3808	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012	25-04-2016
3813	Emerald Zinc Ltd.	Offaly/Westmeath	Bm, b, s, g	16-03-2010	25-04-2016
3840	Viridian Metals Ireland Ltd.	Galway	Bm, b, s, g, Iron	28-06-2014	25-04-2016
3888	Lundin Mining Exploration Ltd.	Leitrim	Bm, b, s	08-12-2008	25-04-2016
3935	Teck Ireland Ltd.	Westmeath	Bm, b, s, g, PGE	31-01-2006	27-01-2016
4023	Emerald Zinc Ltd.	Offaly/Westmeath	Bm, b, s, g	16-03-2010	25-04-2016

PLA	LICENSEE	COUNTY	MINERALS	START DATE	DATE SURRENDERED
4035	Vedanta Exploration Ireland Ltd.	Tipperary	Bm, b, s, g, Calcite	18-06-2014	25-04-2016
4036	Vedanta Exploration Ireland Ltd.	Laois/ Kilkenny	Bm, b, s, g, Calcite	30-06-2014	25-04-2016
4083	Lundin Mining Exploration Ltd.	Leitrim	Bm, b, s, g	26-01-2012	27-01-2016
4084	Lundin Mining Exploration Ltd.	Cavan/ Leitrim	Bm, b, s, g	26-01-2012	27-01-2016
4085	Lundin Mining Exploration Ltd.	Cavan	Bm, b, s, g	26-01-2012	27-01-2016
4093	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012	25-04-2016
4094	Conroy Gold and Natural Resources Plc	Clare	Bm, b, s, g	14-05-2012	25-04-2016
4488	Gold Note Minerals Ltd.	Wexford	Bm, b, s, g, Lithium	06-02-2014	27-01-2016

PROSPECTING LICENCE HOLDER CONTACT DETAILS:

Name	Addresses
Adventus Exploration Limited	69-70 Main Street, Oughterard, Galway, H91 E827
Aurum Mineral Resources Ltd.	c/o Alba Mineral Resources Plc, Mr Mike Nott, Ridge House, The Ridge, Broadblunsdon, Swindon, SN26 7AD, U.K.
BHP World Exploration Inc.	Suite 800-Four Bentall Centre, 1055, Vancouver, British Columbia, V7X 1L2, Canada
Ballinalack Resources Ltd	The Murrough, Wicklow, Wicklow, A67 K039
Beal Na Blath Resources Ltd	Gokane Point, Tragumna, Skibbereen, Cork
Blackstairs Lithium Limited	c/o Company Bureau Formations Limited, The Black Church, St Mary's Place, Dublin, D07 P4AX
Boliden Tara Mines Ltd.	Knockumber, Navan, Meath, C15 NH63
Bowpark Exploration Ireland Ltd	Nore View, Thomastown, Kilkenny, R95 R5H9
Canada Resources Plc	27 Hatch Street Lower, Dublin, D02 W628
Canex JV	12 Durham Road, Sandymount, Dublin, D04 ED61
Connemara Mining Co. Ltd.	162 Clontarf Road, Dublin, D03 F6Y
Conroy Gold and Natural Resources Plc	9 Merrion Square North, Dublin, D02 WN50
Conroy Gold Limited	9 Merrion Square North, Dublin, D02 WN50
Dan Morrissey (Ireland) Ltd	Bennekerry, Carlow, R93 E099
Diversified Asset Holdings Pty. Ltd	44 Kings Park Road, West Perth, Western Australia, 6005, Australia
Erris Resources Limited	209 Tower Bridge Business Centre, 46-48 East Smithfield, London, E1W 1AW, United Kingdom
Glencore Zinc Ireland Ltd	Unit 1, Dromkeen Industrial Park, Dromkeen, Limerick, V94 TW59
Gold Note Minerals Limited	Suite 1158, 409, Granville Street, Vancouver, BC, V6C 1T2, Canada
Hendrick Resources (Ireland) Ltd	c/o BRG Ltd, Unit 8b Block C, Athy Business Campus, Athy, Kildare, R14 FF96
IMC Exploration Limited	70 Ballybough Road, Ballybough, Dublin, D03 F9P7
Kenmare Resources Plc.	Chatham House, Chatham Street, Dublin, D02 VP46
Lat Resources Ltd	Level 3, 1060 Hay street, West Perth, Western Australia, Australia 6005

Name	Addresses
Lundin Mining Exploration Limited	Ground Floor, Hayworthe House, 2 Market Place, Haywards Heath, West Sussex, RH16 1DB, UK
MOAG Copper Gold Resources Inc	21 Burkebrook Place, Suite 405, Toronto, Ontario , M4G 0A2, Canada
Minco Ireland Ltd.	Coolfore Road, QME, Ardracken, Navan, Meath, C15 KXY3
Oldcastle Zinc Limited	162 Clontarf Road, Dublin, D03 F6Y0
Omagh Minerals Ltd	56 Botera Upper Road, Omagh, Co Tyrone BT78 5LH, Northern Ireland
Oriel Selection Trust Ltd.	Aurum Exploration Services Ltd, Unit S/C, Kells Business Park, Virginia Road, Kells, Meath, A82 E6K0
Raptor Resources Ltd	Gokane Point, Tragumna, Skibbereen, Cork
Rennicks and Bennett Ltd.	c/o Boliden Tara Mines Ltd., Knockumber, Navan, Meath, C15 NH63
Sunrise Resources Plc	Silk Point, Queens Avenue, Macclesfield, Cheshire, SK10 2BB, United Kingdom
TILZ Minerals Ltd	12 Merrion Square, Dublin, D02 H798
Teck Ireland Limited	The Murrough, Wicklow, A67 K039
The Lisheen Mining Partnership	Vedanta Exploration Ireland Ltd, Killoran, Moyne, Tipperary, E41 R622
Unicorn Mineral Resources Ltd	c/o BRG Ltd, 8b, Unit C, Athy Business Campus, Castlecomer Road, Athy, Kildare, R14 FF96
Vedanta Exploration Ireland Limited	Killoran, Moyne, Thurles, Tipperary, E41 R622
Vedanta Lisheen Mining Ltd	Killoran, Moyne, Thurles, Tipperary, E41 R622
Viridian Metals Ireland Ltd	70 Sir John Rogerson's Quay, Dublin, D02 R296
Westland Exploration Ltd.	c/o Peter McParland, Coolfore Road QME, Ardracken, Navan, Meath, C15 KXY3
Zetland Resources Limited	c/o Zetland House Hotel, Cashel, Connemara, Galway, H91 AW61

PART 3

FEES

RATES OF APPLICATION & CONSIDERATION FEES FOR MINERALS PROSPECTING LICENCES (PL)

Application Fee

There is a standard application fee of €190 per Prospecting Licence Area.

Consideration

Two-Year Period	Consideration
First	€750
Second	€875
Third	€1,500
Fourth and each subsequent two-year period	€2,500

Thus, the fee will be €2,500 per two-year period where a Prospecting Licence is renewed to any person who was the holder of the Prospecting Licence for 6 years or more.

Special Consideration as incentive for prospecting in under-explored areas

A reduced consideration of €1,250 for an initial six-year term was introduced in conjunction with the May 1995 Competition for Minerals Prospecting Licences as a promotional incentive for areas which, in the opinion of the Minister, have been under-explored with regard to their mineral potential, namely;

- Open areas that have not been licensed for over four years.

PART 4

RECEIPTS

Moneys collected by the Minister in the period from 1 January 2016 to 30 June 2016 under the Minerals Development Acts, 1940-1999

The total amount of moneys collected by the Minister under or by virtue of any lease, permission, or licence under those Acts was €1,348,735.

Other receipts in the said period

The total amount of moneys collected by the Minister during the period from other sources [leases granted under the Mines and Minerals Act, 1931 (No. 54)] amounted to €20.

PART 5***Minerals Acquisition Orders made******Under the Minerals Development Act, 1940***

- (i)*** Minerals Acquisition (Slieveardagh Coalfield) Order, 1941 (lands near Thurles, Co. Tipperary) (Coal)
- (ii)*** Minerals Acquisition (County Roscommon) Order, 1942 (lands near Gubbarudda, Co. Roscommon) (All minerals)
- (iii)*** Minerals Acquisition Order 1946 (lands near Kingscourt, Co. Cavan) (All minerals)
- (iv)*** Minerals Acquisition Order 1954 (lands near Avoca, Co. Wicklow) (All minerals)
- (v)*** Minerals Acquisition Order 1955 (lands near Avoca, Co. Wicklow) (All minerals)
- (vi)*** Minerals Acquisition (East Clare) Order, 1956 (lands near Ennis) (All minerals)
- (vii)*** Minerals Acquisition (Roaring Water) Order, 1956 (lands near Skibbereen, Co. Cork) (All minerals)
- (viii)*** Minerals Acquisition (Kenmare) Order, 1956 (lands near Kenmare, Co. Kerry) (All minerals)
- (ix)*** Minerals Acquisition (Bonmahon) Order, 1956 (lands near Bonmahon, Co. Waterford) (All minerals)
- (x)*** Minerals Acquisition (Allihies) Order, 1957 (lands near Allihies, Co. Cork) (All minerals)
- (xi)*** Minerals Acquisition (Allihies) Order, 1960 (lands near Allihies, Co. Cork) (All minerals)
- (xii)*** Minerals Acquisition (Carhoon and other townlands) Order, 1962 (lands near Tynagh, Co. Galway) (All minerals)
- (xiii)*** Minerals Acquisition (Druming and other townlands) Order, 1963 (lands near Druming, Co. Longford) (All minerals)
- (xiv)*** Minerals Acquisition (Ardateggle and other townlands) Order, 1964 (lands near Rossmore, Co. Laois) (All minerals)
- (xv)*** Minerals Acquisition (Gortdrum and other townlands) Order, 1965 (lands near Gortdrum, Co. Tipperary) (All minerals)
- (xvi)*** Minerals Acquisition (Gortnacleha and other townlands) Order, 1965 (lands near Silvermines, Co. Tipperary) (All minerals)
- (xvii)*** Minerals Acquisition (Ballybeg, Co. Clare) Order, 1970 (All minerals)

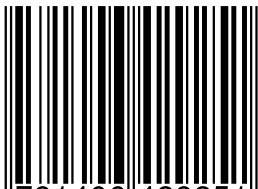
PART 6

Prospecting Licences granted

Prospecting Licences are normally granted for an initial period of six years and may be renewed for a further six years. Thereafter, licences may be renewed for two years. Once issued, all licences are active.

Prospecting Licences granted each year during the period	
2006 – 2016.	
2006	84
2007	143
2008	91
2009	66
2010	93
2011	98
2012	102
2013	142
2014	71
2015	90
2016 (H1)	2

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Exploration and Mining Division, Department of Communications, Energy and Natural Resources,
29-31 Adelaide Road, Dublin 2, Ireland, D02 X285
Tel: + 353-1-6782000 Email: EMD.info@dcenr.gov.ie
www.dcenr.gov.ie

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