



**Roinn Cumarsáide, Gníomhaithe
ar son na hAeráide & Comhshaoil**
Department of Communications,
Climate Action & Environment

MINERALS DEVELOPMENT ACTS, 1940-1999

Report by the Minister for Communications, Climate Action and
Environment

for the six months ended 31 December 2018

In accordance with Section 77 of the Minerals Development Act, 1940
and Section 8 of the Minerals Development Act, 1979

Department of Communications, Climate Action and Environment

Minerals Development Acts, 1940-1999

Report by the Minister for Communications, Climate Action and Environment for the six months ended 31 December 2018

In accordance with Section 77 of the Minerals
Development Act, 1940 and Section 8 of
The Minerals Development Act, 1979

Exploration and Mining Division

Minerals Production MP 01/19

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An Roinn Cumarsáide, Gníomhaithe ar son na hAeráide agus Comhshaoil

Na hAchtanna Forbartha Mianraí, 1940-1999

**Tuarascáil an Aire Cumarsáide, Gníomhaithe ar son na
hAeráide agus Comhshaoil
don sé mhí dár críoch 31 Nollaig 2018**

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 01/19

Baile Átha Cliath

Arna Fhoilsiú ag Oifig an tSoláthair

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Minerals Development Acts, 1940-1999

Report by the Minister for Communications, Climate Action and Environment for the six months ended 31 December 2018

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 31 December 2018 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 31 December 2018.

As of 31 December 2018 there were:

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

Total receipts for the twelve months ended 31 December 2018 amounted to €6,290,984.85

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Part 1: State Mining Leases and Licences

There were no new State Mining Licences or State Mining Leases granted in the period 1 July 2018 to 31 December 2018

Summary of Current State Mining Licences and Leases

State Mining Licences

SML No.	Held by	County	Validity		Main Commodity
			From	To	
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
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

SML No.	Held by	County	Validity		Main Commodity
			From	To	
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

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

State Mining Licences

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

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

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

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

Name and Address of Licensee	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
Minerals	Lead and Zinc
Lands Concerned	Parts of the townlands of Liscarton (part) and Rathaldron (part) in the County of Meath Licence No. 12
Area	57.6 hectares (0.576319 km ²) or thereabouts
Period	22 April 2013 to 30 June 2021
Consideration	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.

State Mining Leases

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

Name and Address of Lessee	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
Minerals	Lead and Zinc
Lands Concerned	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
Area	410 hectares (4.1 km ²) or thereabouts
Period	10 years from 1 December 2013 to 31 November 2023
Consideration	Dead Rent of €600,000 per annum indexed in line with the Consumer Price Index, merging with Royalties. Royalties of 3.25% of revenue.

Name and Address of Lessee	Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath, C15 NH63
Minerals	Lead and Zinc
Lands Concerned	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
Area	1634 hectares (16.34 km ²) or thereabouts
Period	10 years from 1 December 2013 to 31 November 2023
Consideration	Dead Rent of €100,000 per annum, indexed in line with the Consumer Price Index, merging with Royalties. <u>Royalties from 1 March 2013</u> Area 1: 3.75% 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.

Name and Address of Lessee	Connemara Marble Products Ltd. Moycullen, County Galway, H91 T207
Minerals	Marble and all other minerals
Lands Concerned	Cregg (part), Ballinahinch, County Galway Lease No. 30
Area	4 hectares or thereabouts
Period	97 years from 1 November 1937 to 31 October 2034
Consideration	Dead rent of €25.39 per annum merging with Royalties. <u>Royalties</u> 2.5% on all sales of marble raised and gotten

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

Name and Address of Lessee	Fleming's Fireclays Ltd. The Swan, Athy, County Kildare, R14 TE81
Minerals	Coal, fireclay and other minerals Lease No. 37
Lands Concerned	Slatt Lower (part) and Ballylehane Upper (part), County Laois
Area	121.4 hectares
Period	99 years from 14 November 1940 to 13 November 2039
Consideration	Dead rent of €31.74 per annum merging with Royalties. <u>Royalties</u> €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.

Name and Address of Lessee	Irish Gypsum Ltd. 4 Kilcarbery Park, Nangor Road, Dublin, D22 R277
Minerals	Gypsum, anhydrite and all other minerals
Lands Concerned	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
Area	4.57 square kilometres
Period	30 years from 12 November 2002 to 11 November 2032
Consideration	Dead rent of €36,666.24 per annum, indexed in line with the Consumer Price Index, merging with Royalties. <u>Royalties</u> €0.785 per tonne on the minerals raised, gotten and taken away.

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

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

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

Name and Address of Lessee	Vedanta Lisheen Mining Ltd. Killoran Lisheen Mining Ltd. Lisheen Milling Co. Killoran, Moyne, Thurles, County Tipperary, E41 R622
Minerals	Zinc, Lead and Other Minerals
Lands Concerned	Derryville (part), Killoran (part), Ballyerk (part), Barnalisheen (part), County Tipperary Lease No. 140
Area	188 hectares
Period	30 years from 7 October 1997 to 6 October 2027
Consideration	Dead rent €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: Minerals Prospecting Licences

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 through the webpage at: <http://www.DCCAIE.gov.ie/EMDMapsAndData>

Minerals Prospecting Licences Granted - 1 July 2018 to 31 December 2018

The licensed minerals are abbreviated as follows:

Base metals (Bm); Barytes (b); Gold, Ores of (g); Silver, Ores of (s); Platinum Group Elements, Ores of (PGE); Rare Earth Elements, Ores of (REE); Molybdenum, Ores of (Mo); Beryllium, Ores of (Be); Caesium, Ores of (Cs); Lithium, Ores of (Li); Niobium, Ores of (Nb); Rubidium, Ores of (Rb); Tantalum, Ores of (Ta); Tin, Ores of (Sn); Tungsten, Ores of (W); Manganese, Ores of (Mn); Cobalt, Ores of (Co); Iron, Ores of (Fe).

PL	Licensee	County	Mineral	Start Date
1022	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
1199	IMC Exploration Ltd.	Wexford	Bm, s, g	09-10-2018
1200	IMC Exploration Ltd.	Wexford	Bm, s, g	09-10-2018
1562	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
1577	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
1578	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
1586	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
1587	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
1764	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1796	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1797	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1798	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1800	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1959	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1960	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1979	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2033	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018
2097	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2098	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2099	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2416	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2523	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
2664	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
2678	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2679	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2680	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2681	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2682	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2702	Beal Na Blath Resources Ltd.	Offaly	Bm, b, s, g, PGE	27-11-2018
2776	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
2780	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
2886	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018

PL	Licensee	County	Mineral	Start Date
2888	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
2933	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
2934	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
2954	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
2981	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
2982	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
3030	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3185	Great Glen Resources Ltd.	Tipperary	Bm, b, s, g	20-12-2018
3219	Beal Na Blath Resources Ltd.	Dublin	Bm, b, s, g, PGE	27-11-2018
3220	Beal Na Blath Resources Ltd.	Dublin	Bm, b, s, g, PGE	27-11-2018
3246	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3285	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3321	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3404	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3578	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
3633	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
3706	Great Glen Resources Ltd.	Tipperary	Bm, b, s, g	20-12-2018
3737	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3738	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3739	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3740	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3771	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3772	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3774	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3785	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3786	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3799	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3818	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
3887	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3888	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3889	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3890	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3929	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3930	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
4044	Hannan Metals Ireland Ltd.	Laois/Kilkenny	Bm, b, s	02-08-2018
4050	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
4055	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
4272	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
4518	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018
4520	Connemara Granite Teo	Galway	Bm, b, Be, Fluorspar, Gemstones including semi-precious stones	05-07-2018
4525	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018
4526	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018

PL	Licensee	County	Mineral	Start Date
4527	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4528	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4529	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4530	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018
4534	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
4536	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4537	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4538	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4539	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4540	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4541	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4542	LRH Resources Ltd.	Dublin/Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4543	LRH Resources Ltd.	Dublin/Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4544	LRH Resources Ltd.	Dublin	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4545	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4546	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4547	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018

Minerals Prospecting Licences Held on 31 December 2018

PL	Licensee	County	Mineral	Start Date
184	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
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
468	Group Eleven Mining and Exploration Ltd.	Tipperary/Limerick	Bm, b, s, g	04-11-2016
480	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	13-02-2017
481	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	13-02-2017
580	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
581	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
608	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
622	Ballinalack Resources Ltd.	Longford	Bm, b, s, g, PGE	20-02-2006
626	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
627	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
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	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
667	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
735	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	20-03-2015
757	Erris Zinc Ltd.	Sligo	Bm, s, g	26-08-2013
786	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
890	Raptor Resources Ltd.	Offaly	Bm, b, s, g	08-05-2017
934	MOAG Copper Gold Resources Inc	Galway	Bm, s	31-12-2005
1022	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
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	22-06-2018
1108	Centenary Resources Ltd.	Offaly	Bm, b, s, g	03-04-2017
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
1199	IMC Exploration Ltd.	Wexford	Bm, s, g	09-10-2018
1200	IMC Exploration Ltd.	Wexford	Bm, s, g	09-10-2018
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
1302	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	10-11-2016
1303	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
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

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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
1362	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	22-06-2018
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
1431	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
1450	Beal Na Blath Resources Ltd.	Meath/Dublin	Bm, b, s, g, PGE	10-07-2015
1469	Omagh Minerals Ltd.	Leitrim	Bm, b, s, g	18-03-2014
1476	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
1496	Rennicks and Bennett Ltd.	Meath	Bm, b, s	16-08-1971
1500	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	24-06-2017
1541	Zimtu Capital Corp	Wexford	Bm, g, REE, Li	30-11-2016
1542	Zimtu Capital Corp	Wexford	Bm, g, REE, Li	30-11-2016
1555	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
1556	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
1562	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
1577	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
1578	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
1583	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
1584	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	10-11-2016
1586	BMEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
1587	BMEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
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
1624	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	04-08-2017
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
1650	Connemara Mining Co. Ltd.	Laois	Bm, b, s, g	23-05-2017
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 Zinc Ltd.	Sligo	Bm, s, g	26-08-2013
1672	BMEx Pty Ltd.	Leitrim	Bm, b, s, g	16-10-2017
1675	BMEx Pty Ltd.	Leitrim	Bm, b, s, g	16-10-2017
1700	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	03-07-2014
1764	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018

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1788	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	03-07-2014
1789	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	22-06-2018
1791	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	22-06-2018
1796	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1797	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1798	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
1800	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1802	BMEEx Pty Ltd.	Longford	Bm, b, s, g	02-10-2017
1803	BMEEx Pty Ltd.	Longford	Bm, b, s, g	02-10-2017
1940	Group Eleven Mining and Exploration Ltd.	Cork	Bm, b, s, g	12-11-2016
1942	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
1943	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
1946	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
1947	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
1948	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
1949	Unicorn Mineral Resources Ltd.	Limerick	Bm, b, s, g	29-09-2016
1952	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE, Fluorspar	06-07-2011
1959	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1960	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
1966	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
1967	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
1979	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
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
2024	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
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
2033	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	11-07-2018
2053	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Cs, Li, Nb, Ta, Sn, W	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
2083	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	08-06-2018
2085	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	12-12-2016
2087	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	12-12-2016
2097	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2098	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
2099	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
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
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

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2236	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Cs, Li, Nb, Ta, Sn, W	13-01-2012
2237	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Cs, Li, Nb, Ta, Sn, W	13-01-2012
2260	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
2295	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2301	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2331	BMEEx Pty Ltd.	Cork	Bm, b, s, g	02-10-2017
2394	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2395	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
2416	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
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	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
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, Cs, Li, Nb, Ta, Sn, W	13-01-2012
2554	Connemara Mining Co. Ltd.	Wexford	Bm, b, s, g, PGE, Cs, Li	16-04-2008
2558	Connemara Mining Co. Ltd.	Wicklow	Bm, b, s, g, PGE, Cs, Li	16-04-2008
2560	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	18-01-2017
2564	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
2567	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	18-01-2017
2568	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	18-01-2017
2579	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
2590	Hannan Metals Ireland Ltd.	Clare	Bm, b, s, g	31-08-2017
2594	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
2597	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
2625	Connemara Mining Co. Ltd.	Laois	Bm, b, s, g	23-05-2017
2637	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
2638	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
2645	Irish Resource Exploration Ltd.	Mayo	S, g, Bm	29-06-2012
2647	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
2654	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	30-09-2016
2655	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	30-09-2016
2664	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
2674	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	25-01-2007

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2678	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2679	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2680	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2681	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2682	Great Glen Resources Ltd.	Monaghan	Bm, b, s, g	20-12-2018
2696	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
2702	Beal Na Blath Resources Ltd.	Offaly	Bm, b, s, g, PGE	27-11-2018
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
2756	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016
2775	Ballinalack Resources Ltd.	Longford	Bm, b, s, g, PGE	19-12-2011
2776	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
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	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
2781	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
2782	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
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
2835	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
2836	Beal Na Blath Resources Ltd.	Meath	Bm, b, s, g, PGE	10-07-2015
2840	Group Eleven Mining and Exploration Ltd.	Limerick/Tipperary	Bm, b, s, g	30-09-2016
2845	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	10-11-2016
2860	Unicorn Mineral Resources Ltd.	Offaly	Bm, b, s, g, PGE, Fluorspar	04-07-2011
2861	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
2872	Diversified Asset Holdings Pty. Ltd.	Limerick	Bm, b, s, g, PGE, Sn, W	19-03-2014
2881	BMEEx Pty Ltd.	Leitrim	Bm, b, s, g	16-10-2017
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
2885	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	22-06-2018
2886	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
2888	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
2889	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	22-06-2018
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
2933	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
2934	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
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

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2954	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
2964	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
2981	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
2982	Beal Na Blath Resources Ltd.	Roscommon	Bm, b, s, g, PGE, Mo	27-11-2018
3007	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
3008	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
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
3030	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3035	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	08-06-2018
3039	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3040	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3047	Adventus Exploration Ltd.	Cork	Bm, b, s, g	27-10-2016
3062	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
3063	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3065	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g	28-02-2017
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
3094	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
3095	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3112	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3128	BMEx Pty Ltd.	Donegal	Bm, b, s, g	16-10-2017
3129	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	13-02-2017
3130	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g	27-11-1996
3132	BMEx Pty Ltd.	Donegal	Bm, b, s, g	16-10-2017
3133	BMEx Pty Ltd.	Donegal	Bm, b, s, g	16-10-2017
3134	BMEx Pty Ltd.	Donegal	Bm, b, s, g	16-10-2017
3135	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
3136	BMEx Pty Ltd.	Donegal	Bm, b, s, g	16-10-2017
3145	Gold Note Minerals Ltd.	Galway	Bm, s, g	21-06-2013
3156	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	29-09-2016
3158	Connemara Mining Co. Ltd.	Laois	Bm, b, s, g	23-05-2017
3160	Connemara Mining Co. Ltd.	Laois	Bm, b, s, g	23-05-2017
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
3169	Irish Resource Exploration Ltd.	Galway	Bm, b, s, g	04-07-2011
3170	Irish Resource Exploration Ltd.	Galway	S, g, Bm	29-06-2012
3185	Great Glen Resources Ltd.	Tipperary	Bm, b, s, g	20-12-2018
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
3202	Beal Na Blath Resources Ltd.	Cork	Bm, b, s, g, PGE	30-06-2015

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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
3213	Zimtu Capital Corp	Kilkenny	Bm, g, REE, Li	30-11-2016
3215	Zimtu Capital Corp	Kilkenny	Bm, g, REE, Li	30-11-2016
3216	Zimtu Capital Corp	Kilkenny	Bm, g, REE, Li	30-11-2016
3219	Beal Na Blath Resources Ltd.	Dublin	Bm, b, s, g, PGE	27-11-2018
3220	Beal Na Blath Resources Ltd.	Dublin	Bm, b, s, g, PGE	27-11-2018
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
3232	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	04-08-2017
3234	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
3235	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012
3236	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	08-06-2018
3237	Diversified Asset Holdings Pty. Ltd.	Wexford	Bm, b, s, g, PGE, Fe	15-07-2015
3246	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3249	Unicorn Mineral Resources Ltd.	Limerick	Bm, b, s, g	29-09-2016
3251	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3263	Connemara Mining Co. Ltd.	Laois	Bm, b, s, g	23-05-2017
3267	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	12-11-2016
3268	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	08-11-1991
3273	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	18-01-2017
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
3285	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3293	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g, PGE	26-06-2018
3294	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3295	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
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
3318	Centenary Resources Ltd.	Tipperary	Bm, b, s, g	10-04-2017
3321	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
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
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
3335	Trove Metal Ltd.	Wicklow	Bm, b, s, g, REE	22-01-2018
3338	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
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
3365	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
3366	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	10-11-2016
3367	TILZ Minerals Ltd.	Limerick	Bm, b, s, g, PGE	31-01-2005
3368	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016

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3369	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
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
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
3397	Beal Na Blath Resources Ltd.	Cavan	Bm, b, s, g, PGE	27-04-2017
3400	Conroy Gold and Natural Resources Plc	Cavan	Bm, b, s, g	27-11-1996
3404	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3407	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
3411	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
3425	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
3431	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s, PGE	30-05-2005
3432	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
3459	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3469	Conroy Gold and Natural Resources Plc	Monaghan	Bm, b, s, g	28-02-2017
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
3475	Group Eleven Mining and Exploration Ltd.	Tipperary/Offaly	Bm, b, s, g	18-01-2017
3476	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
3477	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
3479	Unicorn Mineral Resources Ltd.	Galway	Bm, b, s, g, PGE, Fluorspar	06-07-2011
3488	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
3489	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
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
3496	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	08-12-2016
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
3508	Hannan Metals Ireland Ltd.	Clare	Bm, b, s, g, Calcite	17-04-2017
3509	Hannan Metals Ireland Ltd.	Clare	Bm, b, s	20-08-2012
3518	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g, PGE	06-03-2015
3519	Unicorn Mineral Resources Ltd.	Waterford	Bm, b, s, g	05-04-2017
3522	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
3523	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
3524	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017

PL	Licensee	County	Mineral	Start Date
3525	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
3526	Beal Na Blath Resources Ltd.	Cavan	Bm, b, s, g, PGE	27-04-2017
3535	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014
3536	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014
3544	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016
3545	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
3552	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	04-11-2016
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
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
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
3578	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
3579	Adventus Zinc Ireland Ltd.	Monaghan/Cavan	Bm, b, s, g	05-06-2017
3581	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016
3582	Unicorn Mineral Resources Ltd.	Limerick	Bm, b, s, g	29-09-2016
3586	Adventus Exploration Ltd.	Cork	Bm, b, s, g	01-07-2013
3587	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3589	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	04-08-2017
3604	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3605	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3606	Trove Metal Ltd.	Wicklow	Bm, b, s, g, REE	22-01-2018
3608	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016
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
3613	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
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, Mn, Silica Sand, Fe	28-05-2012
3619	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3622	Boliden Tara Mines Ltd.	Meath	Bm, b, s, g	16-12-2005
3633	BMEEx Pty Ltd.	Longford	Bm, b, s, g	03-08-2018
3634	Longford Zinc Mining Ltd.	Longford	Bm, b, s, g, PGE	13-04-2018
3636	Teck Ireland Ltd.	Meath	Bm, b, s, g, PGE	08-08-2006
3638	Boliden Tara Mines Ltd.	Westmeath	Bm, b, s, g	16-12-2005
3640	Hannan Metals Ireland Ltd.	Clare	Bm, b, s	14-07-2008
3641	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	26-02-2018
3642	Hannan Metals Ireland Ltd.	Clare	Bm, b, s, g, Calcite	17-04-2017
3643	Hannan Metals Ireland Ltd.	Clare	Bm, b, s	25-05-1999
3645	Group Eleven Mining and Exploration Ltd.	Tipperary/Kilkenny	Bm, b, s, g	30-03-2017
3646	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	30-03-2017

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3647	Glencore Zinc Ireland Ltd.	Tipperary/Limerick	Bm, b, s	08-11-1991
3650	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
3651	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
3652	Boliden Tara Mines Ltd.	Westmeath/Offaly	Bm, b, s, g	04-08-2017
3654	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016
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
3676	Hendrick Resources (Ireland) Ltd.	Wicklow	Bm, b, s, g, PGE, Cs, Li, Nb, Ta, Sn, W	13-01-2012
3678	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
3679	Hannan Metals Ireland Ltd.	Clare	Bm, b, s, g	19-12-2005
3681	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	07-07-2012
3706	Great Glen Resources Ltd.	Tipperary	Bm, b, s, g	20-12-2018
3709	Zimtu Capital Corp	Kilkenny	Bm, g, REE, Li	30-11-2016
3713	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
3715	Adventus Zinc Ireland Ltd.	Waterford	Bm, b, s	07-11-2016
3727	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
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
3733	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3735	Erris Zinc Ltd.	Sligo	Bm, s, g	26-08-2013
3737	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3738	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3739	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3740	Hannan Metals Ireland Ltd.	Kilkenny	Bm, b, s	02-08-2018
3755	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	07-07-2012
3771	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3772	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3774	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3777	Canex JV	Kildare	Bm, b, s, g	19-12-2011
3782	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	04-11-2016
3783	Group Eleven Mining and Exploration Ltd.	Kerry	Bm, b, s, g	18-12-2015
3785	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3786	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
3787	Hannan Metals Ireland Ltd.	Clare	Bm, b, s	08-06-1994
3788	Hannan Metals Ireland Ltd.	Clare	Bm, b, s, Calcite, Fluorite	08-06-1994
3789	Hannan Metals Ireland Ltd.	Clare	Bm, b, s	08-06-1994

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3794	Irish Marine Oil Ltd.	Kildare	g	05-06-2018
3799	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
3801	Adventus Exploration Ltd.	Cork	Bm, b, s, g	30-06-2013
3813	Centenary Resources Ltd.	Offaly/Westmeath	Bm, b, s, g	03-04-2017
3814	Centenary Resources Ltd.	Offaly	Bm, b, s, g	03-04-2017
3818	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
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
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
3828	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
3829	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
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
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
3858	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	28-11-2016
3863	Unicorn Mineral Resources Ltd.	Clare	Bm, b, s, g, PGE	16-02-2016
3864	Blackstairs Lithium Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
3866	Raptor Resources Ltd.	Kildare	Bm, b, s, g, PGE	21-09-2015
3870	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	27-04-2017
3871	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	20-06-2015
3878	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	27-03-2017
3880	Beal Na Blath Resources Ltd.	Galway	Bm, b, s, g, PGE	03-07-2015
3887	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3888	BMEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3889	BMEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3890	BMEx Pty Ltd.	Leitrim	Bm, b, s, g	03-08-2018
3891	Dan Morrissey (Ireland) Ltd.	Laois	Coal, Fireclay	27-09-1999
3893	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
3894	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
3895	Zimtu Capital Corp	Wexford	Bm, g, REE, Li	30-11-2016
3896	Hendrick Resources (Ireland) Ltd.	Wexford	Bm, b, s, g, PGE, Cs, Li, Nb, Ta, Sn, W	27-10-2012
3899	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3901	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
3902	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
3907	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	18-01-2017
3908	Glencore Zinc Ireland Ltd.	Limerick	Bm, b, s	17-07-2001
3914	Centenary Resources Ltd.	Galway	Bm, b, s, g	03-04-2017
3920	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	04-08-2017

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3921	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3922	Connemara Mining Co. Ltd.	Donegal	Bm, s, g	10-04-2015
3923	Adventus Zinc Ireland Ltd.	Limerick	Bm, b, s, g	22-09-2016
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	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
3930	Beal Na Blath Resources Ltd.	Mayo	Bm, b, s, g, PGE, Mo	17-12-2018
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
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
3953	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	29-09-2016
3954	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	29-09-2016
3955	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	29-09-2016
3956	Boliden Tara Mines Ltd.	Offaly/Westmeath	Bm, b, s, g	25-01-2007
3957	Group Eleven Mining and Exploration Ltd.	Kilkenny	Bm, b, s, g	30-03-2017
3963	Unicorn Mineral Resources Ltd.	Galway	Bm, b, s, g, PGE, Fluorspar	08-08-2012
3967	Erris Zinc Ltd.	Sligo	Bm, s, g	26-08-2013
3980	Group Eleven Mining and Exploration Ltd.	Offaly	Bm, b, s, g	18-01-2017
3981	Minco Ireland Ltd.	Westmeath	Bm, b, s, g	03-11-2015
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
3994	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	10-11-2016
3995	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	22-02-2010
4003	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	12-12-2016
4004	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE	25-02-2010
4031	Blackstairs Lithium Ltd.	Carlow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
4032	Blackstairs Lithium Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb, Ta	07-08-2009
4034	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	31-05-2013
4035	Centenary Resources Ltd.	Tipperary	Bm, b, s, g	10-04-2017
4038	Erris Zinc Ltd.	Sligo	Bm, b, s, g	30-09-2013

PL	Licensee	County	Mineral	Start Date
4041	Vedanta Exploration Ireland Ltd.	Laois	Bm, b, s, g	23-07-2015
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
4044	Hannan Metals Ireland Ltd.	Laois/Kilkenny	Bm, b, s	02-08-2018
4045	Boliden Tara Mines Ltd.	Offaly	Bm, b, s, g	06-02-2011
4050	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
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, Cs, Li, Nb, Ta, Sn, W	07-07-2011
4054	Zimtu Capital Corp	Wexford	Bm, g, REE, Li	30-11-2016
4055	Hannan Metals Ireland Ltd.	Tipperary	Bm, b, s	02-08-2018
4057	Unicorn Mineral Resources Ltd.	Offaly	Bm, b, s, g, PGE, Fluorspar	04-07-2011
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
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
4132	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
4133	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
4135	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
4136	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g, PGE	26-06-2018
4236	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
4248	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	27-04-2017
4251	Beal Na Blath Resources Ltd.	Monaghan	Bm, b, s, g, PGE	27-04-2017
4257	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
4272	Erris Zinc Ltd.	Galway	Bm, b, s, g	30-08-2018
4469	Erris Zinc Ltd.	Sligo	Bm, s, g	26-08-2013
4473	Ballinalack Resources Ltd.	Westmeath	Bm, b, s, g, PGE	15-04-2013
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
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

PL	Licensee	County	Mineral	Start Date
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
4499	Oriel Selection Trust Ltd.	Donegal	Bm, b, s, g, PGE, REE, Li	12-12-2016
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
4503	Group Eleven Mining and Exploration Ltd.	Tipperary	Bm, b, s, g	29-09-2016
4504	Connemara Mining Co. Ltd.	Cork	Bm, b, s, g	05-12-2016
4505	Connemara Mining Co. Ltd.	Cork	Bm, b, s, g	05-12-2016
4506	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
4507	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
4508	Adventus Zinc Ireland Ltd.	Cork	Bm, b, s, g	16-06-2017
4509	Centenary Resources Ltd.	Offaly	Bm, b, s, g	10-04-2017
4510	Centenary Resources Ltd.	Tipperary	Bm, b, s, g	10-04-2017
4513	Shanoon Resources Ltd.	Kilkenny/Laois	Bm, b, s, Dolomite and Dolomitic Limestone	13-07-2017
4514	Shanoon Resources Ltd.	Kilkenny	Bm, b, s, Dolomite and Dolomitic Limestone	13-07-2017
4515	Shanoon Resources Ltd.	Kilkenny	Bm, b, s, Dolomite and Dolomitic Limestone	13-07-2017
4516	BMEx Pty Ltd.	Cork	Bm, b, s, g	02-10-2017
4518	Adventus Zinc Ireland Ltd.		Bm, b, s, g, PGE	11-07-2018
4520	Connemara Granite Teo	Galway	Bm, b, Be, Fluorspar, Gemstones including semi-precious stones	05-07-2018
4525	Adventus Zinc Ireland Ltd.		Bm, b, s, g, PGE	11-07-2018
4526	Adventus Zinc Ireland Ltd.		Bm, b, s, g, PGE	11-07-2018
4527	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4528	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4529	Adventus Zinc Ireland Ltd.	Kerry	Bm, b, s, g, PGE	11-07-2018
4530	Adventus Zinc Ireland Ltd.		Bm, b, s, g, PGE	11-07-2018
4534	Erris Zinc Ltd.	Galway	Bm, b, s, g	17-08-2018
4536	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4537	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4538	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4539	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4540	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4541	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4542	LRH Resources Ltd.	Dublin/Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4543	LRH Resources Ltd.	Dublin/Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
4544	LRH Resources Ltd.	Dublin	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018

PL	Licensee	County	Mineral	Start Date
4545	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4546	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	12-10-2018
4547	LRH Resources Ltd.	Wicklow	Bm, s, g, REE, Be, Cs, Li, Nb, Rb	23-10-2018
1174R	Adventus Exploration Ltd.	Meath	Bm, b, s, g, Gypsum	24-01-2014
1440R	Westland Exploration Ltd.	Meath	Bm, b, s	23-10-1972

Minerals Prospecting Licences Surrendered - 1 July 2018 to 31 December 2018

PL	Licensee	County	Mineral	Start Date	Date Surrendered
743	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018
930	MOAG Copper Gold Resources Inc	Galway	Bm, s	25-09-2006	12-10-2018
1244	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
1347	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
1351	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
1373	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	05-02-2014	26-07-2018
1473	Wolfhound Lithium Ltd.	Wicklow	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	21-09-2016	11-09-2018
1597	Wolfhound Lithium Ltd.	Carlow	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	22-09-2016	11-09-2018
1677	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	21-07-2016	26-07-2018
1695	BMEEx Pty Ltd.	Cavan	Bm, b, s, g	02-11-2017	30-07-2018
1715	Wolfhound Lithium Ltd.	Wicklow	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	21-09-2016	11-09-2018
1814	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Co, Fe	08-09-2010	23-10-2018
2239	IMC Exploration Ltd.	Wicklow	Bm, b, s, g	12-05-2011	19-10-2018
2315	Omagh Minerals Ltd.	Donegal	Bm, b, s, g	30-03-2012	02-07-2018
2610	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018
2899	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
2900	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
2901	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
2902	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
2930	Wolfhound Lithium Ltd.	Carlow	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	22-09-2016	11-09-2018
2931	Wolfhound Lithium Ltd.	Carlow	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	22-09-2016	11-09-2018
3154	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
3211	Wolfhound Lithium Ltd.	Kilkenny	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	21-09-2016	11-09-2018
3214	Kenmare Resources Plc.	Kilkenny	Bm, b, s, g, PGE	24-11-2014	04-12-2018
3307	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
3423	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018
3424	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018
3429	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	15-11-2006	04-07-2018
3435	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
3467	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018

PL	Licensee	County	Mineral	Start Date	Date Surrendered
3505	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	05-02-2014	26-07-2018
3527	Adventus Zinc Ireland Ltd.	Longford	Bm, b, s, g	05-06-2017	26-07-2018
3528	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
3529	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
3530	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
3537	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014	19-10-2018
3538	Diversified Asset Holdings Pty. Ltd.	Cork	Bm, b, s, g, PGE	05-05-2014	19-10-2018
3559	Wolfhound Lithium Ltd.	Kilkenny	Bm, s, Be, Cs, Fluorspar, Li, Nb, Rb, Ta, Sn	21-09-2016	11-09-2018
3583	Adventus Zinc Ireland Ltd.	Westmeath	Bm, b, s, g	05-06-2017	26-07-2018
3637	Boliden Tara Mines Ltd.	Galway/Roscommon	Bm, b, s, g	27-11-2006	04-07-2018
3644	IMC Exploration Ltd.	Clare	Bm, b, s	12-05-2011	19-10-2018
3693	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Co, Fe	08-09-2010	23-10-2018
3694	Unicorn Mineral Resources Ltd.	Kilkenny/Tipperary	Bm, b, s, g, PGE, Co, Fe	08-09-2010	23-10-2018
3695	Unicorn Mineral Resources Ltd.	Kilkenny	Bm, b, s, g, PGE, Co, Fe	08-09-2010	23-10-2018
3743	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	21-07-2016	26-07-2018
3757	Boliden Tara Mines Ltd.	Galway	Bm, b, s, g	27-11-2006	04-07-2018
3880	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
3881	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
3884	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
3964	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	05-02-2014	26-07-2018
3965	Adventus Zinc Ireland Ltd.	Galway	Bm, b, s, g	05-02-2014	26-07-2018
4087	BMEEx Pty Ltd.	Cavan	Bm, b, s, g	02-11-2017	30-07-2018
4121	Group Eleven Mining and Exploration Ltd.	Limerick	Bm, b, s, g	29-09-2016	19-10-2018
4363	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
4364	Beara Coast Copper	Cork	Bm, s, g, PGE	22-11-2016	10-09-2018
4470	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
4471	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
4472	Zetland Resources Ltd.	Galway	Gemstones including semi-precious stones	08-07-2015	30-07-2018
4474	Diversified Asset Holdings Pty. Ltd.	Tipperary/Limerick	Bm, b, s, g	31-05-2013	19-10-2018
4489	Adventus Zinc Ireland Ltd.	Mayo	Bm, b, s, g	05-02-2014	26-07-2018

Minerals Prospecting Licences Holder Contact Details

Licensee	Addresses
Adventus Exploration Ltd.	69-70 Main Street, Oughterard, Galway, H91 E827, Ireland
Adventus Zinc Ireland Ltd.	69-70 Main Street, Oughterard, Galway, H91 E827, Ireland
Aurum Mineral Resources Ltd.	c/o Alba Mineral Resources Plc, Suite 9, 72 Great Titchfield Street, London, W1W 7QW, UK
BMEEx Ltd.	2 Benson Street, Toowong, Queensland, 4066, Australia
Ballinalack Resources Ltd.	'Cratloe', Ballyprecas, Bunclody, Wexford, Y21 PC43, Ireland
Beal Na Blath Resources Ltd.	53 Bayview Avenue, North Strand, Dublin 3, D03 P2Y9, Ireland
Blackstairs Lithium Ltd.	c/o Company Bureau Formations Ltd, The Black Church, St Mary's Place, Dublin, D07 P4AX, Ireland
Boliden Tara Mines Ltd.	Knockumber, Navan, Meath, C15 NH63, Ireland
Bowpark Exploration Ireland Ltd.	Nore View, Thomastown, Kilkenny, R95 R5H9, Ireland
Canex JV	12 Durham Road, Sandymount, Dublin, D04 ED61, Ireland
Centenary Resources Ltd.	53 Bayview Avenue, North Strand, Dublin, D03 P2Y9, Ireland
Connemara Granite Teo	Ros an Mhil, Baile na hAbhain, Galway, H91 V8YA, Ireland
Connemara Mining Co. Ltd.	162, Clontarf Road, Dublin, D03 F6Y0, Ireland
Conroy Gold & Natural Resources Plc	3300 Lake Drive, City West Business Campus, Dublin, D24 TD21, Ireland
Conroy Gold Ltd.	3300 Lake Drive, Citywest Business Campus, Dublin, D24 TD21, Ireland
Dan Morrissey (Ireland) Ltd	Bennekerry, Carlow, R93 E099, Ireland
Diversified Asset Holdings Pty. Ltd.	44 Kings Park Road, West Perth, Western Australia, 6005, Australia
Erris Zinc Ltd.	The Bungalow, Newport Road, Castlebar, Mayo, F23 YF24, Ireland
Glencore Zinc Ireland Ltd.	Unit 1, Dromkeen Industrial Park, Dromkeen, Limerick, V94 TW59, Ireland
Gold Note Minerals Ltd.	c/o BTU Metals Corp, 1240-789 W Pender St., Vancouver, British Columbia, V6C 1H2, Canada
Great Glen Resources Ltd.	Suite 2, 70 Queensway, Hemel Hempstead, Hertfordshire, HP2 5HD, United Kingdom
Group Eleven Mining & Exploration Ltd.	Cratloe, Ballyprecas, Bunclody, Wexford, Y21 PC43, Ireland
Hannan Metals Ireland Ltd.	Blair House, Upper O'Connell Street, Ennis, Clare, V95 FD1V, Ireland
Hendrick Resources (Ireland) Ltd.	162 Clontarf Road, Clontarf, Dublin, D03 F6Y0, Ireland
IMC Exploration Ltd.	70 Ballybough Road, Ballybough, Dublin, D03 F9P7, Ireland
Irish Marine Oil Ltd.	162 Clontarf Road, Dublin, D03 F6Y0, Ireland
Irish Resource Exploration Ltd.	22 Northumberland Road, Ballsbridge, Dublin, D04 ED73, Ireland
Longford Zinc Mining Ltd.	Trinity House, Charleston Road, Ranelagh, Dublin, D06 C8X4, Ireland
LRH Resources Ltd.	69-70 Main Street, Oughterard, Galway, H91 E827, Ireland
Minco Ireland Ltd.	Coolfore Road, QME, Ardbracken, Navan, Meath, C15 KXY3, Ireland
MOAG Copper Gold Resources Inc	21 Burkebrook Place, Suite 405, Toronto, Ontario, M4G 0A2, Canada
Oldcastle Zinc Ltd.	162 Clontarf Road, Dublin, D03 F6Y0, Ireland
Omagh Minerals Ltd.	56, Botera Upper Road, Omagh, Tyrone, BT78 5LH, Northern Ireland

Licensee	Addresses
Oriel Selection Trust Ltd.	Aurum Exploration Services Ltd, Unit 34, Kells Business Park, Virginia Road, Kells, Meath, A82 E6K0, Ireland
Raptor Resources Ltd.	53 Bayview Avenue, North Strand, Dublin 3, D03 P2Y9, Ireland
Rennicks & Bennett Ltd.	c/o Boliden Tara Mines Ltd., Knockumber, Navan, Meath, C15 NH63, Ireland
Shanoon Resources Ltd.	New Work Junction, Dublin Road, Kilkenny, Kilkenny, R95 VP83, Ireland
TILZ Minerals Ltd.	22 Northumberland Road, Ballsbridge, Dublin, D04 ED73, Ireland
Teck Ireland Ltd.	The Murrough, Wicklow, A67 K039, Ireland
Trove Metal Ltd.	11 Loreto Avenue, Bishops Meadows, Kilkenny, R95 HK4D, Ireland
Unicorn Mineral Resources Ltd.	c/o BRG Ltd, Unit 8B, Block C, Athy Business Campus, Castlecomer Road, Athy, Kildare, R14 FF96, Ireland
Vedanta Exploration Ireland Ltd.	Killoran, Moyne, Thurles, Tipperary, E41 R622, Ireland
Viridian Metals Ireland Ltd.	70 Sir John Rogerson's Quay, Dublin, D02 R296, Ireland
Westland Exploration Ltd.	c/o Peter McParland, Coolfore Road QME, Ardbracken, Navan, Meath, C15 KXY3, Ireland
Zimtu Capital Corp	Suite 1450-789 West Pender Street, Vancouver, British Columbia, V6C 1H2, Canada

Part 3: Fees

Rates of Application & Consideration Fees for Minerals Prospecting Licences (PL)

1. Application Fee

The standard application fee is €190 per Prospecting Licence Area.

2. Consideration

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

Thus, the consideration 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.

3. 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 2018 to 31 December 2018 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 €6,290,984.85

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 €768.83

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 (Drumming and other townlands) Order, 1963 (lands near Drumming, 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 2008 - 2018

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 2008 – 2018	
2008	91
2009	66
2010	93
2011	98
2012	102
2013	142
2014	71
2015	90
2016	94
2017	104
2018	120

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