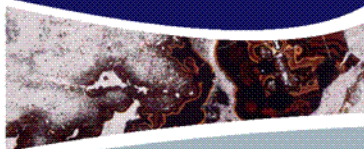




Department of Communications, Energy and Natural Resources
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STATE MINING AND PROSPECTING FACILITIES PROSPECTING LICENCE COMPETITION and INDUSTRY NEWS

1st May 2010



www.mineralsireland.ie

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Map (in back pocket)

All information is also available on www.mineralsireland.ie

GROUND STATUS AND APPLICATION PROCEDURE

This booklet contains listed details of all current prospecting and mining facilities. Details include the names of the licensees, the geographical location (by reference to the relevant Ordnance Survey 6", or 1:10,560, maps) and, with reference to prospecting licences, the details of the minerals for which they have been issued. The accompanying coloured map also indicates the locations of these prospecting licences and mining facilities, as well as displaying ground that is available for application, either by competition (closing date 30th June 2010) or at any time.

Available Ground

Ground that is available for exploration under a Prospecting Licence (PL) is represented on the accompanying map as follows:

- **Ground Categories**

- **Open ground:** Ground which has not been subdivided into licence areas and which is available for application at any time is unnumbered, and coloured pale green.
- **Open areas:** Established licence areas available for application at any time are identified by their number and are coloured dark green or pale green. Those areas coloured pale green attract exploration incentives (see Incentive Ground below).
- **Held areas:** Current prospecting licences (pink) and recently offered licences (brown) are restricted to certain minerals (p.7-19). Such ground is available for application for prospecting for other minerals.
- **Competition areas:** Areas that have been recently surrendered, or that have been offered and declined, are indicated by their number and a yellow colour. Applications received by 30th June 2010, will be considered after that date, without any regard to time priority.

- **Prospecting Licence Terms**

A Prospecting Licence typically covers an area of 35 sq. km. Prospecting Licences are issued for a period of six years (maximum), for specified minerals, and can be renewed. A minimum expenditure per licence is required, and varies with the age of the licence (see table). A minimum work programme is also required, details of which are agreed with the licensee. Progressively increased work and expenditure commitments are required on renewal. Work reports are required every two years, and are held confidential for six years thereafter, or until expiry or surrender of the licence. Third party insurance, indemnifying the Minister, is required for the period of the licence.

- **Incentive Areas**

Significant financial incentives are available for the first six years of exploration on relatively neglected areas or areas where current exploration is restricted to certain minerals. The incentives consist of **substantially reduced fees and expenditure requirements**, and are designed to provide scope for relatively inexpensive "grass roots" exploration, in order to:

- Encourage work in areas where results of earlier exploration had failed to produce sufficient encouragement to the licensee,
- Stimulate interest in ground that is not at present regarded as particularly prospective,

The incentives apply to three categories of ground, viz.

- (i) **Open Areas**, where these Prospecting Licence areas have been available for application for more than four years,
- (ii) **Areas currently licensed for certain minerals**, but available for exploration for other minerals, and
- (iii) **Open Ground**, i.e. ground which has not yet been licensed.

The relevant Open Areas are shown (numbered) on the accompanying map, which also clearly indicates the Open Ground category. Currently licensed areas for which exploration may be undertaken for other minerals are listed on pages 7-18.

Open Areas available for more than four years: Where a previously issued Prospecting Licence area has been available for application for at least four years, the licence will be granted, normally, for a term of six years. A reduced fee of €1,250 per Prospecting Licence will apply, payable in advance for each two-year phase as €375 for each of the first and second phases, and €500 for the third phase. This represents a reduction of €1,875 (60%) in fees compared to the standard requirements. (There is no reduction in the application fee).

FEES	Standard	Incentive Areas	
		Open Ground	Open/Licensed Areas
	€	€	€
First 2 years	750	375	375
Second 2 years	875	375	375
Third 2 years	1,500	500	500
TOTAL	3,125	1,250	1,250
MINIMUM EXPENDITURE REQUIREMENTS			
	€	€	€
First 2 years	10,000	2,500	2,500
Second 2 years	15,000	3,750	5,000
Third 2 years	20,000	5,000	10,000
TOTAL	45,000	11,250	17,500

The minimum expenditure requirements for metalliferous minerals for each two-year phase of the licence are also significantly reduced. For the first two-year phase the requirement is 25% of the normal requirement i.e. €2,500 instead of €10,000; for the second two-year phase it is 33% of normal (€5,000), and for the third two-year phase it is 50% of normal (€10,000). The total requirement for the six-year period, therefore, is €17,500 as compared to the normal requirement of €45,000. For non-metalliferous minerals, the expenditure requirements will be individually set, but will not normally be higher than those for metalliferous minerals. After the first six years, the fees and expenditure requirements revert to the standard rates.

Currently Licensed Areas: Ground is also available to companies that wish to undertake exploration over areas currently held, for minerals that are not assigned to the current prospecting licence holder. Such additional prospecting licences will only be issued where the Minister for Communications, Energy and Natural Resources is satisfied that there will be no clash of mineral interests. The current prospecting licence holder continues to hold a standing Statement of Interest for all other minerals in that area. The fees and expenditure requirements will be the same as for prospecting licences that have been available for over four years i.e. the 'Open Areas' Incentive category (see above).

Open Ground: Where a Prospecting Licence is issued over an area that is shown on the accompanying map as never having been licensed, the licence will normally be for a term of six years. The same reduced fees as for the 'Open Areas' incentive category will apply, namely €1,250, payable in advance as €375 for the first two-year phase, €375 for the second two-year phase and €500 for the third two-year phase. The minimum expenditure requirements are also considerably reduced. For each two-year phase of the first six years, the expenditure requirement is only 25% of that normally required i.e. the requirement is for a minimum of €2,500 in the first two years, €3,750 for the next two years, and €5,000 in the third two year phase. After the first six years the fees and expenditure requirements revert to the standard rates.

Ground Unavailable

Ground unavailable for application is differentiated on the accompanying map as follows:

- Current Prospecting Licences for certain minerals (pink), Mining Leases, Mining Licences and Mining Permissions (red): These are indicated by their reference number and relevant colour.
- Licences under application, and that have been offered to the applicant: These are indicated by their reference number and a brown colour.
- Licence areas that are currently not being made available for application: These are also indicated by their reference number and a brown colour.
- Licences that have been applied for under earlier competition: These are indicated by their reference number and a peach colour.
- Excluded areas e.g. National Parks: These are areas that are not available for application at any time. They are indicated by a purple colour.

Application Procedures

While applications are invited for all categories of available ground, it should be understood that an area may have been already applied for, and that applications are normally treated on a time-priority basis i.e. "first come, first served". Before making application for any open area or for open ground therefore, prospective applicants may wish to consult with the Exploration and Mining Division to ascertain whether there has been a prior application for the area. If there has been a prior application, and if a licence has been offered to the first applicant, then the later interested party will be told that the ground is not available. If, however, the licence has not been offered to the first applicant, it will be open to the other party to apply for the ground. It should be clearly understood that, in accepting a second or subsequent application for an area, there is no implication that the Minister will regard a later application more favourably than an earlier one. Neither will the acceptance of an application for a Prospecting Licence create any obligation on the part of the Minister to grant a licence.

Where there is a valid Statement of Interest (see below) over ground that is being applied for, the applicant will be so notified (but no other details provided), and invited to revise their application if they wish to do so.

Applicants are reminded that, if more than one area is applied for, a priority listing of the applications is required; otherwise all applications will be regarded as having equal priority. If separate applications are made over a period of time, the priorities should also take account of any earlier applications.

It should be noted that where expenditure proposals are above the minimum required (e.g. in a Competition), these will be taken as the minimum expenditure requirement when the ground is offered to the successful applicant.

All applications for prospecting licences must be made to: -

The Secretary General
Department of Communications, Energy and Natural Resources
Exploration and Mining Division
Beggars Bush
Haddington Road
Dublin 4

on Form No. 1, accompanied by a **fee of €190.00 per Prospecting Licence area**. A copy of the form is available from EMD at the above address, or available at www.mineralsireland.ie. All payments must be in Euro, and cheques and bank drafts should be drawn on a bank branch located in the Republic of Ireland. Cheques and bank drafts should be made payable to "The Department of Communications, Energy and Natural Resources" and endorsed "Account payee only"

Successful applicants can anticipate that the Prospecting Licence will be issued within four months of the application date (or of the closing date of the competition, if the area sought is in competition), provided that they comply fully with application requirements, respond promptly to any queries and cause no delay in supplying a satisfactory insurance policy.

Statement of Interest

- **Introduction**

A company that has not reached the stage of making formal application for a Prospecting Licence may establish its interest in an area with the Exploration and Mining Division by written submission of a "Statement of Interest" on the standard form (available on www.mineralsireland.ie). A Statement of Interest will normally relate to open ground or areas open for application at any time and for which the company intends to make a formal application following a review of available data.

A company that holds a current Prospecting Licence for certain minerals is deemed to have a standing Statement of Interest for all other minerals in that area. This Statement of Interest will remain valid for as long as the Prospecting Licence is held.

- **Entitlement**

In the event of there being, subsequently, a Prospecting Licence application for an area (or part of an area) held under the Statement of Interest, the company that holds the Statement of Interest will be notified that an application has been received. No other details, e.g. minerals applied for, will be provided. It will then be open to that company to apply for a Prospecting Licence over the area or part of the area covered by the Statement of Interest. **Application must be made within two weeks of notification.** Failure to reply by that date will be taken as a withdrawal of the Statement of Interest. If an application is made, the original applicant will be notified, and is entitled to submit a revised application. If the applications overlap, then they will be considered on their respective merits without regard to the fact that one application had been received prior to the other. It should be noted that more than one company may hold a Statement of Interest over a particular area; however, no action will be taken on these Statements of Interest until a formal application for a Prospecting Licence has been received.

- **Validity**

A Statement of Interest usually will remain valid only until publication of the following edition of the map showing areas held under State Mining and Prospecting facilities. This map is currently published on 1st May and 1st November each year. On publication of a new map the Statements of Interest will cease to be valid and may not be renewed unless exceptional circumstances are recognised by the Exploration and Mining Division.

- **General**

On registering a Statement of Interest with the Exploration and Mining Division, the reasons for such interest should be given. This information will be treated as confidential until such time as the company agrees otherwise, and will be used only to assist the Exploration and Mining Division in making a recommendation on competing applications.

Neither the acceptance by the Department of Communications, Energy and Natural Resources of an application for a Prospecting Licence (or other facility), nor the acceptance by the Exploration and Mining Division of a Statement of Interest should be regarded as in any way binding on the Minister. The Minister may at his discretion accept or reject any application for any State prospecting or development facility.

PROSPECTING LICENCE COMPETITION

Procedures

Every three months, a Competition is held for certain Prospecting Licence areas. The competition relates to areas for which licences have been surrendered or terminated, or that have been offered but declined, in the previous three months. Previously unavailable ground may also be released through competition. Interested parties normally have **two months** in which to apply for a licence over a competition area, with all applications received during that period deemed to have been received at the same time i.e. no time priority is given to applications received during those months.

It should be noted that **no reduction in financial commitment** by aggregating expenditure from contiguous areas will be accepted for the first two-year phase for any licence area awarded under competition.

The list of prospecting licences available for application under Competition will be published usually on the 1st February, 1st May, 1st August and 1st November of each year. Publications for the 1st May and the 1st November will contain details of current licences, industry news, map of State Mining and Prospecting Areas, etc. The 1st February and 1st August publications are more limited. They consist of a list of prospecting licence areas that have become available for application under equal competition, together with details of how to apply, and a listing of prospecting licences issued or offered and advertised since the previous publication. They will not involve the production of a PL map or a list of licences held, etc. Since full listings of area locations, status, revised map etc. are provided for the 1st May and 1st November competition publications, these should be retained as a reference source for prospecting licence areas listed in the following interim competition. A complete up-to-date listing is also available on www.mineralsireland.ie.

Competition Areas

The following prospecting licence areas are open for application under equal competition until 30th June 2010.

- Areas for which licences were current on the 16th October 2009 but have become available in the period to 9th April 2010, or areas for which licences were offered but were subsequently declined in the same period. The areas are shown on the map in yellow.

Number	County	Number	County
580	Longford	2552	Wexford
581	Longford	2774	Longford
600	Kildare	3265R	Wicklow
1245	Westmeath	3350	Wicklow
1587	Longford	3369	Limerick
1588	Longford	3660	Meath
1640	Laois	3676	Wicklow
2053	Wexford	3839	Meath
2236	Wexford	3853	Laois
2237	Wexford	3854	Offaly
2238	Wexford	3866	Kildare
2551	Wexford		

STATE MINING AND PROSPECTING FACILITIES

State Mining Facilities

• Mining Leases

Ref:	Lessee	Issued	County	O.S. 6"	Valid To
M 17	Joyces Marble Quarries	01.10.33	Galway	36	30.09.2032
M 23	Flemings Fireclays Manufacturing Ltd.	01.03.35	Laois	25,31	29.02.2032
M 30	Connemara Marble Products Ltd.	01.11.37	Galway	23	31.10.2034
M 37	Flemings Fireclays Manufacturing Ltd.	14.11.40	Laois	31	13.11.2039
M 79	Joyces Marble Quarries	01.12.57	Galway	36	30.11.2056
M 100	Roadstone Provinces Ltd.	01.01.69	Kilkenny	20,24	30.06.2009
M 116	Boliden Tara Mines Ltd.	01.09.75	Meath	25	31.08.2010
M 137	Ormonde Brick Ltd.	31.01.97	Kilkenny	6	30.01.2012
M 139	Irish Gypsum Ltd.	12.11.02	Monaghan Cavan	31,33,34 29, 35	11.11.2032
M 140	Anglo American Lisheen Mining Ltd., Killoran Lisheen Mining Ltd., & Lisheen Milling Ltd.	07.10.97	Tipperary	36	06.10.2027
M 143	Eurostone Ltd.	01.06.04	Cork	24	30.06.2009
M 144	Boliden Tara Mines Ltd.	01.07.06	Meath	25	30.06.2021

• Mining Licences

Ref:	Licensee	Issued	County	O.S. 6"	Valid To
SML 1	Galmoy Mines Ltd	03.02.95	Kilkenny	3,8	02.02.2016
SML 2	Boliden Tara Mines Ltd.	03.07.98	Meath	25	31.08.2010
SML 3	Boliden Tara Mines Ltd.	03.07.98	Meath	25	31.08.2010
SML 4	Boliden Tara Mines Ltd.	11.09.00	Meath	25	31.08.2010
SML 5	Boliden Tara Mines Ltd.	15.01.04	Meath	24, 25	31.08.2010
SML 6	Galmoy Mines Ltd	29.08.02	Kilkenny	3,8	02.02.2016
SML 8	Galmoy Mines Ltd	21.01.05	Kilkenny	3	02.02.2016
SML 9	Galmoy Mines Ltd	25.08.05	Kilkenny	3	02.02.2016
SML 10	Galmoy Mines Ltd	28.02.05	Kilkenny	3	02.02.2016
SML134	Ormonde Brick Ltd	01.06.04	Kilkenny		31.05.2029

Further details concerning the individual State Mining Facilities (minerals, royalties, etc.) are provided in the six monthly reports to the Oireachtas by the Minister for Communications, Energy and Natural Resources, as required by the Minerals Development Acts, 1940-1999.

Prospecting Licences Held

All prospecting licences are restricted to certain minerals and hence the PL areas in question are available for application for other minerals (although the current holder is deemed to have a standing Statement of Interest for all these other minerals). Highlighted licences are those that have been granted since 16th October 2009. The licensed minerals are abbreviated as follows: Base metals (Bm); Barytes (b); Gold (g); Silver (s); Platinum Group Elements (PGE), Rare Earth Elements (REEs).

PL	Licensee	Start	County	O.S.6''	Minerals
134	Teck Ireland Ltd	25/01/2006	Galway	98,106	Bm, b, g, s, PGE
184	Teck Ireland Ltd	20/02/2006	Longford	14,19	Bm, b, g, s, PGE
185	Lundin Mining Exploration Ltd	17/04/2006	Longford	18,19,22,23	Bm, b, s, g
186	Lundin Mining Exploration Ltd	31/05/2005	Longford	19,23	Bm, b, s
405	Midas Mineral Resources Ltd	19/12/2007	Waterford	16,24,25,32	Bm, b, s, g
449	Limerick Zinc Limited	31/01/2005	Limerick	22,23,31,32,40	Bm, b, s
450	Limerick Zinc Limited	31/01/2005	Limerick	23,24,32,33	Bm, b, s
468	Mincor Resources NL/ Fractore PL	08/08/2007	Tipperary/ Limerick	65,66/ 41	Bm, b, s, g
582	Lundin Mining Exploration Ltd	19/06/1991	Longford	22,23,26	Bm, b, s
586R	Lundin Mining Exploration Ltd	26/10/1981	Laois/Kilkenny	28,33,34/3,8	Bm, b, s, g
622	Ballinalack Resources Ltd	20/02/2006	Longford	19,20,23,24	Bm, b, s, g, PGE
626	Boliden Tara Mines Ltd	30/03/2007	Tipperary	4,5,7,8	Bm, b, s, g
627	Boliden Tara Mines Ltd	30/03/2007	Tipperary	7,8,10,11	Bm, b, s, g
635	Minco Ireland Ltd	06/12/1996	Limerick	13,14,22	Bm, b, s
636	Minco Ireland Ltd	06/12/1996	Limerick	6,13,14	Bm, b, s
643	Teck Ireland Ltd	25/01/2006	Galway	106	Bm, b, s, g, PGE
666	Teck Ireland Ltd	15/12/2005	Longford	9,14,15,19,20	Bm, b, s, g, PGE
667	Teck Ireland Ltd	20/02/2006	Longford	14,15,19,20	Bm, b, s, g, PGE
735	Midas Mineral Resources Ltd.	19/12/2007	Waterford	8,15,16	Bm, b, s, g
754	Lundin Mining Exploration Ltd	20/02/1987	Laois	27,28,33,34	Bm, b, s, g
786	Teck Ireland Ltd	19/10/2009	Limerick	20,30	Bm, b, s, g, PGE
930	Gary R Brown	25/09/2006	Galway	49,50,62,63	Bm, s
934	Gary R Brown	21/12/2005	Galway	63,64,76,77	Bm, s
1022	Oriel Selection Trust Ltd	27/04/2005	Mayo	72,73,81,82	Bm, b, s, g
1043	Teck Ireland Ltd	20/02/2009	Westmeath	15,16,22,23	Bm, b, s, g, PGE
1051	Connemara Mining Co. Ltd	28/01/2005	Cavan	37,38,41,42	Bm, b, s, g, PGE
1053	Connemara Mining Co. Ltd	28/01/2005	Meath	8,9,9A,15	Bm, b, s, g, PGE
1102	Boliden Tara Mines Ltd	15/11/2006	Galway	18,19,31,32,46	Bm, b, s, g
1113	Emerald Zinc Ltd	16/03/2010	Offaly	7, 8,15,16	Bm, b, s, g
1142	Metallum Exploration Limited	08/06/2009	Cavan	11,12,15,16	Bm, b, s, g, PGE
1178	Teck Ireland Ltd	08/08/2006	Offaly	4,4A	Bm, b, s, g, PGE
1181	Teck Ireland Ltd	26/06/2006	Westmeath	20,21,27,28	Bm, b, s, g, PGE
1183	Boliden Tara Mines Ltd	10/03/2000	Wexford	34,39	Bm, b, s, g
1185	Boliden Tara Mines Ltd	10/03/2000	Wexford	35,40	Bm, b, s, g
1188	Boliden Tara Mines Ltd	10/03/2000	Wexford	31,35,36	Bm, b, s, g
1190	Boliden Tara Mines Ltd	10/03/2000	Wexford	25,31	Bm, b, s, g
1191	Boliden Tara Mines Ltd	10/03/2000	Wexford	19,25,26,31,32	Bm, b, s, g
1192	Boliden Tara Mines Ltd	10/03/2000	Wexford	20,21,26,27,32	Bm, b, s, g
1193	Boliden Tara Mines Ltd	10/03/2000	Wexford	19,20,26	Bm, b, s, g
1194	Boliden Tara Mines Ltd	10/03/2000	Wexford	20,26	Bm, b, s, g

PL	Licensee	Start	County	O.S.6"	Minerals
1196	Boliden Tara Mines Ltd	10/03/2000	Wexford	15,20	Bm, b, s, g
1197	Boliden Tara Mines Ltd	10/03/2000	Wexford	15,16,20,21	Bm, b, s, g
1198	Boliden Tara Mines Ltd	10/03/2000	Wexford	10,11,15,16	Bm, b, s, g
1199	Boliden Tara Mines Ltd	10/03/2000	Wexford	11,16	Bm, b, s, g
1200	Boliden Tara Mines Ltd	10/03/2000	Wexford	6,7,11,12,16,17	Bm, b, s, g
1201	Boliden Tara Mines Ltd	10/03/2000	Wexford	7,11,12,17	Bm, b, s, g
1228	Exploration & Discovery Ltd	12/06/2008	Westmeath	22,23,29,30	Bm, b, s
1229	Exploration & Discovery Ltd	12/06/2008	Westmeath	29,30,35,36	Bm, b, s
1244	Exploration & Discovery Ltd	23/07/2007	Westmeath	24,25,31,32	Bm, b, s
1302	Lundin Mining Exploration Ltd	07/08/2009	Limerick	29,37	Bm, b, s
1303	Limerick Zinc Limited	15/04/2005	Limerick	36,37,44,45	Bm, b, s, g, PGE
1322	Boliden Tara Mines Ltd	16/12/2005	Meath	29,35	Bm, b, s, g
1323	Boliden Tara Mines Ltd	16/12/2005	Meath	29,35,36	Bm, b, s, g
1324	Boliden Tara Mines Ltd	16/11/1995	Meath	24,30,36	Bm, b, s
1325	Boliden Tara Mines Ltd	16/12/2005	Meath	36,37	Bm, b, s, g
1327	Exploration & Discovery Ltd	29/09/2008	Meath	25,26,31,32	Bm, b, s, g
1339	Boliden Tara Mines Ltd	16/12/2005	Meath	35,36,41,42	Bm, b, s, g
1341	Boliden Tara Mines Ltd	25/01/2007	Offaly	9,10,17,18	Bm, b, s, g
1343	Boliden Tara Mines Ltd	15/11/2006	Offaly	17,18	Bm, b, s, g
1344	Ballinalack Resources Ltd	30/11/2005	Westmeath	2,5,6,11	Bm, b, s, g, PGE
1345	Ballinalack Resources Ltd	30/11/2005	Westmeath	6,10,11,18	Bm, b, s, g, PGE
1346	Ballinalack Resources Ltd	30/11/2005	Westmeath	6,11,18	Bm, b, s, g, PGE
1347	Teck Ireland Ltd	30/11/2005	Westmeath	6,7,11,12	Bm, b, s, g, PGE
1351	Teck Ireland Ltd	30/11/2005	Westmeath	12,13	Bm, b, s, g, PGE
1352	Teck Ireland Ltd	30/11/2005	Westmeath	12,13,19,20	Bm, b, s, g, PGE
1353	Exploration & Discovery Ltd	23/07/2007	Westmeath	18,19,25,26	Bm, b, s
1356	Conroy Diamonds & Gold Plc	23/01/1998	Monaghan	15,20	Bm, b, s, g, Antimony
1357	Conroy Diamonds & Gold Plc	23/01/1998	Monaghan	15,20	Bm, b, s, g, Antimony
1373	Midas Mineral Resources Ltd.	19/12/2007	Galway	15,28,42	Bm, b, s, g
1380R	Boliden Tara Mines Ltd	31/12/1970	Meath	24,25,30,31	Bm, b, s, g
1383	Teck Ireland Ltd	20/02/2006	Westmeath	2,6	Bm, b, s, g, PGE
1384	Exploration & Discovery Ltd	08/08/2007	Westmeath	1, 2, 3	Bm, b, s
1385	Teck Ireland Ltd	20/02/2006	Westmeath	2,3,6,7,12	Bm, b, s, g, PGE
1387	Exploration & Discovery Ltd	08/08/2007	Westmeath	1,3,4	Bm, b, s
1388	Exploration & Discovery Ltd	29/09/2008	Westmeath	1,1A	Bm, b, s, g
1406	Teck Ireland Ltd	31/01/2006	Westmeath	19,20,26,27	Bm, b, s, g, PGE
1431	Aurum Mineral Resources Ltd	30/03/2007	Galway	12,25,38,39	S, g
1440R	Westland Exploration Ltd	23/10/1972	Meath	17,18,24,25	Bm, b, s
1450	Exploration & Discovery Ltd	07/10/2008	Meath/Dublin	32,38,39,44,45/3,6	Bm, b, s, g
1457	Fractore Pty Ltd	18/04/2007	Limerick	41,49,50	Bm, b, s
1473	Ormonde Mining Plc	28/06/2006	Wicklow	38,39,43	Bm, s, g, PGE
1476	TNR Gold Corp.	07/08/2009	Carlow	14,17,18,20,21	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
1489R	Boliden Tara Mines Ltd	26/10/1970	Meath	18,25,26,31	Bm, b, s, g
1496	Rennicks & Bennett Ltd	16/08/1971	Meath	17,18,24,25	Bm, b, s
1500	BHP World Exploration Inc	14/12/1995	Meath	41,42,47,48	Bm, b, s, g, Iron

PL	Licensee	Start	County	O.S.6"	Minerals
1555	Hibernian Resources Ltd	26/01/2010	Waterford	20,28	Bm, b, s, g
1556	Hibernian Resources Ltd	26/01/2010	Waterford	20,21,28,29	Bm, b, s, g
1575	Lundin Mining Exploration Ltd	16/02/2009	Tipperary	52,53,60,61	Bm, b, s
1577	Connemara Mining Co. Ltd.	07/07/2008	Tipperary	41,47,48,53,54	Bm, b, s, g, PGE, Iron
1578	Connemara Mining Co. Ltd.	07/07/2008	Tipperary	41,42,47,48	Bm, b, s, g, PGE, Iron
1583	Boliden Tara Mines Ltd	01/05/1991	Limerick	11,12,20,21,29,30	Bm, b, s, g
1584	Lundin Mining Exploration Ltd	07/08/2009	Limerick	20,29,30,37,38	Bm, b, s
1630	Exploration & Discovery Ltd	25/02/2008	Kildare	8, 9,12	Bm, b, s, , g
1631	Exploration & Discovery Ltd	25/02/2008	Kildare	8, 9,10,12,13	Bm, b, s, g
1641	Midas Mineral Resources Ltd.	29/09/2008	Laois	5,8,9,13,14	Bm, b, s, g
1646	Exploration & Discovery Ltd	25/02/2008	Laois	15,16,17,21,22,23	Bm, b, s
1650	Exploration & Discovery Ltd	25/02/2008	Laois	22,23,29	Bm, b, s
1652	Exploration & Discovery Ltd	23/11/2009	Laois	22,23,28,29	Bm, b, s, g
1653	Westland Exploration Ltd	22/02/1983	Laois	22,28,34	Bm, b, s
1661R	Boliden Tara Mines Ltd	31/12/1971	Meath	25	Bm, b, s, g
1663	Boliden Tara Mines Ltd	11/05/2007	Roscommon	18,23,24,29,30	Bm, b, s, g
1665	Boliden Tara Mines Ltd	11/05/2007	Roscommon	23,24,29,30,36	Bm, b, s, g
1667	Exploration & Discovery Ltd	26/08/2008	Roscommon	24,30	Bm, b, s, g
1670	Lundin Mining Exploration Ltd	08/12/2008	Leitrim	24,25,28,29,32,33	Bm, b, s
1675	Lundin Mining Exploration Ltd	07/08/2009	Leitrim	29,33,36	Bm, b, s
1680	Boliden Tara Mines Ltd	27/11/2006	Roscommon	25,31,31A,32	Bm, b, s, g
1696	Metallum Exploration Limited	08/06/2009	Cavan	11,15	Bm, b, s, g, PGE
1715	Ormonde Mining Plc	28/06/2006	Wicklow	33,34,38,39	Bm, b, s, g, PGE, Molybdenum, Lithium, Tungsten
1716	Ormonde Mining Plc	28/06/2006	Wicklow	34,38,39,43,44	Bm, b, s, g, PGE, Molybdenum, Lithium, Tungsten
1801	Exploration & Discovery Ltd	26/08/2008	Longford	12,13,17,18,21	Bm, b, s, g
1802	Exploration & Discovery Ltd	26/08/2008	Longford	17,18,21,22	Bm, b, s, g
1803	Exploration & Discovery Ltd	26/08/2008	Longford	21,22,23,25	Bm, b, s, g
1813	Boliden Tara Mines Ltd	10/03/2000	Wexford	3,6,7,7A,7B,12	Bm, b, s, g
1870	Conroy Diamonds & Gold Plc	10/04/1997	Monaghan	14,15,19,20	Bm, b, s, g
1913	Midas Mineral Resources Ltd.	19/12/2007	Kilkenny	43,44,46,48	Bm, b, s, g
1940	Limerick Zinc Limited	15/04/2005	Cork	1,2,3	Bm, b, s, g, PGE
1942	Limerick Zinc Limited	15/04/2005	Limerick	29,37	Bm, b, s, g, PGE
1943	Limerick Zinc Limited	15/04/2005	Limerick	37,38,45	Bm, b, s, g, PGE
1946	Limerick Zinc Limited	15/04/2005	Limerick	37,38,45,46	Bm, b, s, g, PGE
1947	Limerick Zinc Limited	15/04/2005	Limerick	38,39,46,47	Bm, b, s, g, PGE
1949	Boliden Tara Mines Ltd	27/05/1987	Limerick	39,40,47,48,55	Bm, b, s, g
1966	Hibernian Resources Ltd	26/01/2010	Waterford	21,29	Bm, b, s, g
1967	Hibernian Resources Ltd	26/01/2010	Waterford	21,22,29,30	Bm, b, s, g
1991	Connemara Mining Co. Ltd	28/01/2005	Meath	8,9,14,15	Bm, b, s, g, PGE
2029	Connemara Mining Co. Ltd	31/01/2005	Kerry	46,47,57	Bm, b, s, g, PGE
2062	Teck Ireland Ltd	26/06/2006	Kildare/Offaly	2,3,7/4,11,12	Bm, b, s, g, PGE
2069	Lundin Mining Exploration Ltd.	29/09/2008	Tipperary	35,41	Bm, b, s
2096	Teck Ireland Ltd	25/01/2006	Galway	85,86,97,98	Bm, b, s, g, PGE
2097	Teck Ireland Ltd	25/01/2006	Galway	96,97,105	Bm, b, s, g, PGE

PL	Licensee	Start	County	O.S.6"	Minerals
2098	Teck Ireland Ltd	15/06/2009	Galway	96,97	Bm, b, s
2099	Teck Ireland Ltd	15/06/2009	Galway	96,97,104,105	Bm, b, s
2115	Oriel Selection Trust Ltd	22/02/2010	Donegal	26,35 36, 44	Bm, b, s, g, PGE, REEs
2139	Conroy Diamonds & Gold Plc	20/04/2009	Cavan	17,18,22,23	Bm, b, s, g, Gem minerals
2193	Conroy Diamonds & Gold Plc	23/01/1998	Monaghan	19,20,24,25	Bm, b, s, g, Antimony
2194	Conroy Diamonds & Gold Plc	15/07/1996	Monaghan	10,14	Bm, b, s, g
2217	Exploration & Discovery Ltd	25/02/2008	Laois	11,12,16,17	Bm, b, s
2219	Midas Mineral Resources Ltd.	29/09/2008	Laois	9,13,14,18,19	Bm, b, s, g
2254	Conroy Diamonds & Gold Plc	23/01/1998	Monaghan	9,10	Bm, b, s, g, Antimony
2258	Anglo American Lisheen Mining Ltd.	28/05/1987	Tipperary	29,30,35,36	Bm, b, s
2280	Hibernian Resources Ltd	26/01/2010	Cork	36,45	Bm, b, s, g
2295	Aurum Mineral Resources Ltd	30/06/2004	Galway	12,25	S, g
2394	Ray Hilliard Ltd	16/02/2009	Cork	146,147,152,152A	Bm, b, s
2416	Metallum Exploration Limited	08/06/2009	Monaghan	11,12,16,17,21	Bm, b, s, g, PGE
2447	Teck Ireland Ltd	29/12/2009	Tipperary	29,35,36,41	Bm, b, s, g, PGE
2512	Midas Mineral Resources Ltd.	29/09/2008	Laois	14,18,19	Bm, b, s, g
2520	Boliden Tara Mines Ltd	15/11/2006	Galway	32,33,46,47	Bm, b, s, g
2522	Boliden Tara Mines Ltd	15/11/2006	Laois/Offaly	1/18,25,26	Bm, b, s, g
2529	Minco Ireland Ltd	06/12/1996	Limerick	14,15,23,24	Bm, b, s
2530	Minco Ireland Ltd	13/11/1995	Limerick	15,23,24	Bm, b, s
2531	Limerick Zinc Limited	28/04/2006	Limerick	23,24,32	Bm, b, s, g, PGE
2537	Boliden Tara Mines Ltd	15/11/2006	Offaly	11,19	Bm, b, s, g
2538	Boliden Tara Mines Ltd	15/11/2006	Offaly	11,12,19,20	Bm, b, s, g
2539	Teck Ireland Ltd	08/08/2006	Offaly	4,11	Bm, b, s, g, PGE
2540	Teck Ireland Ltd	08/08/2006	Meath	46,47,52	Bm, b, s, g, PGE
2545	Oriel Selection Trust Ltd	22/02/2010	Donegal	58,59,66,67	Bm, b, s, g, PGE, REEs
2546	Oriel Selection Trust Ltd	22/02/2010	Donegal	50,58,59,66,67	Bm, b, s, g, PGE, REEs
2553	Connemara Mining Co. Ltd	16/04/2008	Wexford	9,10,14,15	Bm, b, s, g, PGE, Caesium & Lithium
2554	Connemara Mining Co. Ltd	16/04/2008	Wexford	4,5,9,10	Bm, b, s, g, PGE, Caesium & Lithium
2555	Connemara Mining Co. Ltd	16/04/2008	Wexford	9,14,15,19,20	Bm, b, s, g, PGE, Caesium & Lithium
2558	Connemara Mining Co. Ltd	16/04/2008	Wicklow	46,47	Bm, b, s, g, PGE, Caesium & Lithium
2560	Boliden Tara Mines Ltd	15/11/2006	Offaly	29,29A,30,35	Bm, b, s, g
2564	Teck Ireland Ltd	12/06/2008	Tipperary	6,7,9,10	Bm, b, s, g, PGE
2567	Teck Ireland Ltd	31/08/2006	Tipperary	1,2,4,5	Bm, b, s, g, PGE
2568	Boliden Tara Mines Ltd	15/11/2006	Tipperary	2,5,8	Bm, b, s, g
2579	Lundin Mining Exploration Ltd	17/04/2006	Limerick	11,20	Bm, b, s, g
2590	Belmore Resources Plc	18/05/2006	Clare	35,36,43,44	Bm, b, s, g
2594	Limerick Zinc Limited	13/04/2005	Limerick	44,45,53	Bm, b, s, g, PGE
2604	Lundin Mining Exploration Ltd	16/02/2009	Tipperary	40,46	Bm, b, s
2610	Midas Mineral Resources Ltd.	19/12/2007	Mayo	118,120,121,123	Bm, b, s, g
2613	Boliden Tara Mines Ltd.	11/05/2007	Roscommon	23,29,36	Bm, b, s, g
2625	Exploration & Discovery Ltd	25/02/2008	Laois	16,17, 22,23,28	Bm, b, s

PL	Licensee	Start	County	O.S.6"	Minerals
2637	Exploration & Discovery Ltd	26/08/2008	Cork	7,8,16,17	Bm, b, s, g
2638	Limerick Zinc Limited	31/01/2005	Limerick	13,14,22,23,31	Bm, b, s
2645	Aurum Mineral Resources Ltd	30/06/2004	Mayo	116A,117,120,120A	S, g
2646	Aurum Mineral Resources Ltd	30/06/2004	Galway	12,13,25	S, g
2647	Aurum Mineral Resources Ltd	30/06/2004	Galway	12,13,25,26	S, g
2654	Mincor Resources NL/ Fractore PL	08/08/2007	Tipperary	66,73	Bm, b, s, g
2655	Fractore Pty Ltd	18/04/2007	Tipperary	66,67,73	Bm, b, s
2664	Exploration & Discovery Ltd	26/08/2008	Longford	4,8	Bm, b, s, g
2666	Boliden Tara Mines Ltd	30/03/2007	Roscommon	36,39,40,41,42	Bm, b, s, g
2674	Boliden Tara Mines Ltd	25/01/2007	Westmeath	32,33,38,39	Bm, b, s, g
2677	Metallum Exploration Limited	16/02/2009	Monaghan	5,6,8,9,12	Bm, b, s, g, PGE
2678	Metallum Exploration Limited	16/02/2009	Monaghan	3,6,9	Bm, b, s, g, PGE
2679	Metallum Exploration Limited	16/02/2009	Monaghan	3,4,6,7,10	Bm, b, s, g, PGE
2680	Metallum Exploration Limited	16/02/2009	Monaghan	8,9,12,13	Bm, b, s, g, PGE
2681	Metallum Exploration Limited	16/02/2009	Monaghan	8,9,13	Bm, b, s, g, PGE
2682	Metallum Exploration Limited	16/02/2009	Monaghan	6,7,9,10	Bm, b, s, g, PGE
2683	Conroy Diamonds & Gold Plc	15/07/1996	Monaghan	9,10,13,14	Bm, b, s, g
2696	Lundin Mining Exploration Ltd	28/02/2006	Limerick	4,12	Bm, b, s, g
2698	Exploration & Discovery Ltd	26/08/2008	Longford	8,12,13,17,18	Bm, b, s, g
2700	Boliden Tara Mines Ltd	15/11/2006	Galway	20,33,47	Bm, b, s, g
2702	Boliden Tara Mines Ltd	15/11/2006	Offaly	17,18,25,26	Bm, b, s, g
2724	Midas Mineral Resources Ltd.	19/12/2007	Galway	54,67,68,80	Bm, b, s, g
2748	Boliden Tara Mines Ltd	15/11/2006	Laois	1,1A,3,4,8	Bm, b, s, g
2752	Midas Mineral Resources Ltd.	19/12/2007	Waterford	15,16,24,25	Bm, b, s, g
2754	Midas Mineral Resources Ltd.	19/12/2007	Waterford	14,15,24	Bm, b, s, g
2760	Teck Ireland Ltd	25/01/2006	Galway	97,98,105,106	Bm, b, s, g, PGE
2776	Lundin Mining Exploration Ltd	08/12/2008	Leitrim	32,33,35,36	Bm, b, s
2780	Exploration & Discovery Ltd	26/08/2008	Longford	8,9	Bm, b, s, g
2781	Boliden Tara Mines Ltd	15/11/2006	Offaly	15,16,23,24	Bm, b, s, g
2782	Boliden Tara Mines Ltd	15/11/2006	Offaly	16,17,24	Bm, b, s, g
2784	Exploration & Discovery Ltd	26/08/2008	Roscommon	29,30,36,37,40	Bm, b, s, g
2786	Emerald Zinc Ltd	16/03/2010	Offaly	1,2 ,8	Bm, b, s, g
2788	Boliden Tara Mines Ltd	30/03/2007	Roscommon	20,21,26,27	Bm, b, s, g
2795	Oriel Selection Trust Ltd	22/02/2010	Donegal	58,65,66,74,75	Bm, b, s, g, PGE, REEs
2835	Lundin Mining Exploration Ltd	28/02/2006	Limerick	4,11,12,20,21	Bm, b, s, g
2836	Exploration & Discovery Ltd	29/09/2008	Meath	32,37,38	Bm, b, s, g
2840	Lundin Mining Exploration Ltd	19/12/1986	Limerick/ Tipperary	24,25,32,33,33A/ 57	Bm, b, s, g
2845	Limerick Zinc Limited	15/04/2005	Limerick	28,36	Bm, b, s, g, PGE
2861	Boliden Tara Mines Ltd	15/11/2006	Offaly	23,24,31,32	Bm, b, s, g
2887	Boliden Tara Mines Ltd	15/11/2006	Galway	45,46,59,60	Bm, b, s, g
2897	Westcork Copper Mining Company Limited	25/02/2010	Cork	101,102,102A	Bm, b, s, g, PGE, REEs
2899	Westcork Copper Mining Company Limited	25/02/2010	Cork	114,127	Bm, b, s, g, PGE, REEs
2900	Westcork Copper Mining Company Limited	25/02/2010	Cork	114,115,127,128	Bm, b, s, g, PGE, REEs

PL	Licensee	Start	County	O.S.6"	Minerals
2901	Westcork Copper Mining Company Limited	25/02/2010	Cork	102,115,116	Bm, b, s, g, PGE, REEs
2927	Limerick Zinc Limited	31/01/2005	Limerick	13,22,31	Bm, b, s
2946	Midas Mineral Resources Ltd.	26/08/2008	Cork	132,140,141,149,150	Bm, b, s, g
2947	Midas Mineral Resources Ltd.	26/08/2008	Cork	141,149,150	Bm, b, s, g
2948	Midas Mineral Resources Ltd.	26/08/2008	Cork	141,142,150,151	Bm, b, s, g
3028	Conroy Diamonds & Gold Plc	15/07/1996	Monaghan	13,14,18,19	Bm, b, s, g
3029	Ormonde Mining Plc	28/06/2006	Wicklow	34,35,39	Bm, b, s, g, PGE, Molybdenum, Lithium, Tungsten
3030	Ormonde Mining Plc	28/06/2006	Wicklow	29,30,34,35	Bm, b, s, g, PGE, Molybdenum, Lithium, Tungsten
3059	Boliden Tara Mines Ltd	30/03/2007	Roscommon	35,39	Bm, b, s, g
3063	Midas Mineral Resources Ltd.	19/05/2009	Donegal	20,21,30,31	Bm, b, s, g
3066	Conroy Diamonds & Gold Plc	20/08/1998	Monaghan	13,18,23	Bm, b, s, g, Antimony
3105	Terra Energy Ltd	19/01/2010	Kilkenny	1,2,6	Coal
3128	Lenagold Ltd	07/08/2009	Donegal	103,104,107,108	Bm, b, s, g
3130	Conroy Diamonds & Gold Plc	27/11/1996	Cavan	21,25,26	Bm, b, s, g
3132	Lenagold Ltd	07/08/2009	Donegal	103,106,107	Bm, b, s, g
3133	Lenagold Ltd	07/08/2009	Donegal	106,110	Bm, b, s, g
3134	Lenagold Ltd	07/08/2009	Donegal	99,103	Bm, b, s, g
3135	Lenagold Ltd	07/08/2009	Donegal	99,100,103,104	Bm, b, s, g
3136	Lenagold Ltd	07/08/2009	Donegal	99,100,103,104	Bm, b, s, g
3144	Midas Mineral Resources Ltd.	19/12/2007	Galway	39, 40,53	Bm, b, s, g
3145	Aurum Mineral Resources Ltd	30/03/2007	Galway	25,26,38,39,40	S, g
3152	Teck Ireland Ltd	31/01/2006	Westmeath	13,14,20,21	Bm, b, s, g, PGE
3154	Westcork Copper Mining Company Limited	25/02/2010	Cork	101,102,114,115,127,128	Bm, b, s, g, PGE, REEs
3155	Kenmare Resources Plc	29/09/2008	Wexford	42,43	Bm, b
3156	Connemara Mining Co. Ltd.	29/09/2008	Tipperary	20,21,26,27	Bm, b, s, g, PGE
3158	Exploration & Discovery Ltd	25/02/2008	Laois	17,18,23,24	Bm, b, s
3160	Exploration & Discovery Ltd	25/02/2008	Laois	16,17,23	Bm, b, s
3162	Lenagold Ltd	07/08/2009	Leitrim	7,11	Bm, b, s, g
3163	Teck Ireland Ltd	26/03/2007	Roscommon	51,52,54,55,56	Bm, b, s, g, PGE
3166	Midas Mineral Resources Ltd.	19/12/2007	Galway	39,40,53	Bm, b, s, g
3169	Aurum Mineral Resources Ltd	30/06/2004	Galway	25,26	S, g
3170	Aurum Mineral Resources Ltd	30/06/2004	Galway	26,27,39	S, g
3194	Midas Mineral Resources Ltd.	19/12/2007	Waterford	7,8,15,16	Bm, b, s, g
3195	Midas Mineral Resources Ltd.	19/12/2007	Kilkenny/ Waterford	42,43,45,46/ 4,8	Bm, b, s, g
3205	Midas Mineral Resources Ltd.	19/12/2007	Waterford	9,16,17	Bm, b, s, g
3206	Midas Mineral Resources Ltd.	19/12/2007	Waterford	16,17,26	Bm, b, s, g
3207	Midas Mineral Resources Ltd.	19/12/2007	Waterford	16,17,25,26	Bm, b, s, g
3208	Midas Mineral Resources Ltd.	19/12/2007	Waterford	17,26	Bm, b, s, g
3209	Metallum Exploration Limited	16/02/2009	Monaghan	2,3,5,6,8	Bm, b, s, g, PGE
3230	Ray Hilliard Ltd	16/02/2009	Cork	138,147,152	Bm, b, s
3232	Teck Ireland Ltd	16/11/2006	Westmeath	19,26,27	Bm, b, s, g, PGE
3237	Kenmare Resources Plc	29/09/2008	Wexford	46,47,51	Bm, b

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3246	Kellys of Fantane	28/02/2006	Tipperary	36,42,43,43A,48,49	Dolomite, Dolomitic Limestone
3248	Boliden Tara Mines Ltd	30/03/2007	Roscommon	39,40,41,42,43,44,45,46	Bm, b, s, g
3249	Boliden Tara Mines Ltd	27/05/1987	Limerick	39,40,47,48,55,56	Bm, b, s, g
3251	Midas Mineral Resources Ltd.	19/12/2007	Galway	53,54,66,67	Bm, b, s, g
3262R	Anglo American Mining Ltd.	28/05/1987	Tipperary	30,36,42	Bm, b, s
3263	Exploration & Discovery Ltd	25/02/2008	Laois	18,23,24,29,30	Bm, b, s
3264	Boliden Tara Mines Ltd	10/03/2000	Wexford	16,20,21,27	Bm, b, s, g
3266	Boliden Tara Mines Ltd	15/11/2006	Offaly	24,25	Bm, b, s, g
3267	Aurum Mineral Resources Ltd	28/06/2006	Limerick	31,32,39,40	Bm, b, s, g
3268	Minco Ireland Ltd	08/11/1991	Limerick	15,16,24,25	Bm, b, s
3293	Exploration & Discovery Ltd	26/08/2008	Limerick/Cork	47,55,56/3,8	Bm, b, s, g
3295	Exploration & Discovery Ltd	26/08/2008	Cork	17,18,26	Bm, b, s, g
3312	Lundin Mining Exploration Ltd	04/08/1987	Laois	29,34,35	Bm, b, s
3316	Lundin Mining Exploration Ltd	16/02/2009	Tipperary	46,52,60	Bm, b, s
3317	Lundin Mining Exploration Ltd	16/02/2009	Tipperary	46,47,52,53	Bm, b, s
3318	Lundin Mining Exploration Ltd	29/09/2008	Tipperary	40,41,46,47	Bm, b, s
3319	Fractore Pty Ltd	18/04/2007	Tipperary	59,60,67	Bm, b, s
3320	Lundin Mining Exploration Ltd	16/02/2009	Tipperary	51,52,59,60	Bm, b, s
3321	Connemara Mining Co. Ltd.	07/07/2008	Tipperary	42,48	Bm, b, s, g, PGE, Iron
3323	Midas Mineral Resources Ltd.	19/12/2007	Waterford	6,7,14,15	Bm, b, s, g
3324	Boliden Tara Mines Ltd	16/12/2005	Westmeath	13,14,21	Bm, b, s, g
3338	Exploration & Discovery Ltd	26/08/2008	Cork	7,8,9,17,18	Bm, b, s, g
3342	Minco Ireland Ltd	21/05/1999	Limerick	15,16,24	Bm, b, s
3344	Minco Ireland Ltd	25/05/1999	Limerick	6,14,15	Bm, b, s
3345	Ormonde Brick Ltd	14/09/1998	Kilkenny	6	Coal, Fireclay
3346	Boliden Tara Mines Ltd	16/12/2005	Meath	23,24,29,30,35,36	Bm, b, s, g
3353	Terra Energy Ltd	19/01/2010	Kilkenny	1,5	Coal
3365	Exploration & Discovery Ltd	26/08/2008	Cork	7,16,17	Bm, b, s, g
3366	Lundin Mining Exploration Ltd	07/08/2009	Limerick	30,31,38	Bm, b, s
3367	Limerick Zinc Limited	31/01/2005	Limerick	22,30,31,38,39	Bm, b, s
3368	Boliden Tara Mines Ltd	27/04/1988	Limerick	21,22,30,31	Bm, b, s, g
3373	Boliden Tara Mines Ltd	01/03/1993	Meath	11,16,17,23,24	Bm, b, s
3374	Teck Ireland Ltd	08/08/2006	Kildare	1,2,3	Bm, b, s, g, PGE
3400	Conroy Diamonds & Gold Plc	27/11/1996	Cavan	25,26,31,32	Bm, b, s, g
3405	Teck Ireland Ltd	20/02/2009	Westmeath	16,23	Bm, b, s, g, PGE
3406	Connemara Mining Co. Ltd.	26/08/2008	Westmeath	16,22,23,30	Bm, b, s, g, PGE
3407	TNR Gold Corp.	07/08/2009	Carlow	19,20,21,22,23	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
3411	TNR Gold Corp.	07/08/2009	Carlow	22,23,24,25	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
3421	Fractore Pty Ltd	18/04/2007	Tipperary	67,68	Bm, b, s
3422	Aurum Mineral Resources Ltd	30/06/2004	Galway	27	S, g
3423	Midas Mineral Resources Ltd.	19/12/2007	Mayo	121,122,122A,123	Bm, b, s, g
3424	Midas Mineral Resources Ltd.	19/12/2007	Mayo	119,121,122,122A	Bm, b, s, g

PL	Licensee	Start	County	O.S.6"	Minerals
3425	Connemara Mining Co. Ltd.	29/09/2008	Tipperary	14,20	Bm, b, s, g, PGE
3427	Midas Mineral Resources Ltd.	29/09/2008	Kildare	21,26,27,30,31	Bm, b, s, g
3429	Boliden Tara Mines Ltd	15/11/2006	Galway	19,32,33,46	Bm, b, s, g
3431	Minco Ireland Ltd	30/05/2005	Limerick	1,6,14	Bm, b, s, PGE
3432	Boliden Tara Mines Ltd	15/11/2006	Offaly	24,25,25A,32	Bm, b, s, g
3435	Westcork Copper Mining Company Limited	25/02/2010	Cork	114,114A ,127	Bm, b, s, g, PGE, REEs
3436	Boliden Tara Mines Ltd	11/05/2007	Roscommon	35,36,39,40	Bm, b, s, g
3463	Boliden Tara Mines Ltd	10/03/2000	Wexford	39,40,44,45	Bm, b, s, g
3464	Boliden Tara Mines Ltd	10/03/2000	Wexford	34,35,39,40	Bm, b, s, g
3465	Boliden Tara Mines Ltd	10/03/2000	Wexford	30,34,35	Bm, b, s, g
3466	Boliden Tara Mines Ltd	10/03/2000	Wexford	30,31,35,36	Bm, b, s, g
3467	Midas Mineral Resources Ltd.	07/04/2009	Mayo	120,120B,121,123	Bm, b, s, g
3470	Boliden Tara Mines Ltd	27/11/2006	Galway	4,5,16,17	Bm, b, s, g
3471	Boliden Tara Mines Ltd	27/11/2006	Galway	1,5,6,17,18	Bm, b, s, g
3474	Teck Ireland Ltd	24/02/2006	Roscommon	48,50,51,53,54	Bm, b, s, g, PGE
3475	Boliden Tara Mines Ltd	15/11/2006	Offaly/Tipperary	21,29/1,4	Bm, b, s, g
3476	Teck Ireland Ltd	31/01/2006	Tipperary	3,4,6,7	Bm, b, s, g, PGE
3477	Teck Ireland Ltd	31/01/2006	Tipperary	1,3,4	Bm, b, s, g, PGE
3488	Boliden Tara Mines Ltd	02/05/1988	Limerick	11,19,20,28,29	Bm, b, s, g
3489	Boliden Tara Mines Ltd	02/05/1988	Limerick	11,20,29	Bm, b, s, g
3505	Midas Mineral Resources Ltd.	19/12/2007	Galway	55,67,68	Bm, b, s, g
3506	Midas Mineral Resources Ltd.	19/12/2007	Galway	54,55,67,68	Bm, b, s, g
3507	Boliden Tara Mines Ltd	15/11/2006	Galway	108,109,118	Bm, b, s, g
3508	Belmore Resources Limited	16/11/1998	Clare	43,51,52	Bm, b, s, Calcite, Fluorite
3518	Midas Mineral Resources Ltd.	19/12/2007	Waterford	15,24,32	Bm, b, s, g
3527	Exploration & Discovery Ltd	23/07/2007	Longford	23, 24, 27	Bm, b, s
3528	Exploration & Discovery Ltd	23/07/2007	Westmeath	10,17	Bm, b, s
3529	Exploration & Discovery Ltd	23/07/2007	Westmeath	10,11,17,18	Bm, b, s
3530	Exploration & Discovery Ltd	23/07/2007	Westmeath	17,18,24,25	Bm, b, s
3531	Exploration & Discovery Ltd	23/07/2007	Westmeath	16,17,23,24	Bm, b, s
3535	Exploration & Discovery Ltd	09/07/2007	Cork	16,24	Bm, b, s, g
3536	Exploration & Discovery Ltd	09/07/2007	Cork	16,17,24,25	Bm, b, s, g
3537	Exploration & Discovery Ltd	09/07/2007	Cork	16,17,24,25	Bm, b, s, g
3538	Exploration & Discovery Ltd	09/07/2007	Cork	16,17,24	Bm, b, s, g
3544	Lundin Mining Exploration Ltd	17/04/2006	Limerick	9,10,18,19	Bm, b, s, g
3545	Boliden Tara Mines Ltd	17/11/2009	Limerick	114,114A,127	Bm, b, s, g
3549	Boliden Tara Mines Ltd	15/11/2006	Kildare	3,7,8,12	Bm, b, s, g
3552	Mincor Resources NL/ Fractore PL	08/08/2007	Tipperary	58,66	Bm, b, s, g
3561	Boliden Tara Mines Ltd	11/05/2007	Roscommon	29,36	Bm, b, s, g
3569	Lundin Mining Exploration Ltd.	29/09/2008	Tipperary	41,47	Bm, b, s
3570	Midas Mineral Resources Ltd.	19/12/2007	Waterford	17,18,26,27	Bm, b, s, g
3571	Midas Mineral Resources Ltd.	19/12/2007	Waterford	10,18,27	Bm, b, s, g
3572	Conroy Diamonds & Gold Plc	03/09/2007	Cavan	6,7,9	Bm, b, s, g, Gem minerals
3574	Midas Mineral Resources Ltd.	19/12/2007	Waterford	14,15,23,24,31,32	Bm, b, s, g
3575	Teck Ireland Ltd	26/06/2006	Westmeath	20,26,27,34	Bm, b, s, g, PGE
3576	Teck Ireland Ltd	26/06/2006	Westmeath	20,27,28,34	Bm, b, s, g, PGE

PL	Licensee	Start	County	O.S.6"	Minerals
3582	Boliden Tara Mines Ltd	29/07/2002	Limerick	40,41,48,49	Bm, b, s, g
3583	Exploration & Discovery Ltd	23/07/2007	Westmeath	25,32	Bm, b, s
3588	Emerald Zinc Ltd	16/03/2010	Westmeath	31,32,37,38	Bm, b, s, g
3589	Emerald Zinc Ltd	16/03/2010	Westmeath	32,38	Bm, b, s, g
3608	Lundin Mining Exploration Ltd	17/04/2006	Limerick	10,11,19,20	Bm, b, s, g
3622	Boliden Tara Mines Ltd	16/12/2005	Meath	30,31,36,37	Bm, b, s, g
3623	Conroy Diamonds & Gold Plc	20/04/2009	Cavan	17,18,22,23,27,28	Bm, b, s, g, Gem minerals
3624	Conroy Diamonds & Gold Plc	20/04/2009	Cavan	21,22,26,27	Bm, b, s, g, Gem minerals
3625	Conroy Diamonds & Gold Plc	20/04/2009	Cavan	22,26,27,28,32,33	Bm, b, s, g, Gem minerals
3633	Exploration & Discovery Ltd	26/08/2008	Longford	8,9,13,14,18,19	Bm, b, s, g
3634	Teck Ireland Ltd	15/12/2005	Longford	9,14	Bm, b, s, g, PGE
3636	Teck Ireland Ltd	08/08/2006	Meath	35,40,41,42,47	Bm, b, s, g, PGE
3637	Boliden Tara Mines Ltd	27/11/2006	Galway/ Roscommon	1,6/ 25,32,33	Bm, b, s, g
3638	Boliden Tara Mines Ltd	16/12/2005	Westmeath	8,9,13,14	Bm, b, s, g
3640	Belmore Resource Holdings Ltd.	14/07/2008	Clare	34,42	Bm, b, s
3641	Belmore Resource Holdings Ltd.	14/07/2008	Clare	41,42,50,51	Bm, b, s
3642	Belmore Resources Plc	30/09/2005	Clare	42,51,61	Bm, b, s, g
3643	Belmore Resources Limited	25/05/1999	Clare	34,35,42,43,51,52	Bm, b, s
3647	Minco Ireland Ltd	08/11/1991	Tipperary/Limerick	50,51/24,25	Bm, b, s
3649	Midas Mineral Resources Ltd.	29/09/2008	Kildare	21,22,26,27	Bm, b, s, g
3650	Limerick Zinc Limited	15/04/2005	Limerick	35,36,43,44	Bm, b, s, g, PGE
3651	Limerick Zinc Limited	15/04/2005	Limerick	44,45,53,54	Bm, b, s, g, PGE
3652	Emerald Zinc Ltd	16/03/2010	Offaly/Westmeath	2,8/37,38	Bm, b, s, g
3655	Exploration & Discovery Ltd	08/08/2007	Westmeath	3,4,7	Bm, b, s
3662	Midas Mineral Resources Ltd.	29/09/2008	Laois	13,18,19,24	Bm, b, s, g
3664	Exploration & Discovery Ltd	07/10/2008	Dublin	3,4,6,7	Bm, b, s, g
3665	Exploration & Discovery Ltd	07/10/2008	Dublin	6,7	Bm, b, s, g
3674	Midas Mineral Resources Ltd.	29/09/2008	Laois	24,30	Bm, b, s, g
3675	Midas Mineral Resources Ltd.	29/09/2008	Laois	18,19,24,25	Bm, b, s, g
3678	Connemara Mining Co. Ltd.	29/09/2008	Tipperary	9,10,14,15,20,21	Bm, b, s, g, PGE
3679	Clare Calcite Ltd	27/10/1991	Clare	34,42	Calcite
3679	Belmore Resources Plc	19/12/2005	Clare	34,42	Bm, b, s, g
3682	Midas Mineral Resources Ltd.	19/12/2007	Galway	55,56,69	Bm, b, s, g
3685	Boliden Tara Mines Ltd	11/05/2007	Roscommon	28,29,35,36	Bm, b, s, g
3686	Boliden Tara Mines Ltd	17/11/2009	Roscommon	12,17,18,23,24	Bm, b, s, g
3692	Exploration & Discovery Ltd	19/09/2007	Galway	114,122,123,129	Bm, b, s
3705	Fractore Pty Ltd	18/04/2007	Limerick/Tipperary	41,49,50/63,73,74	Bm, b, s
3713	Hibernian Resources Ltd	26/01/2010	Waterford	22,30,35	Bm, b, s, g
3714	Hibernian Resources Ltd	26/01/2010	Waterford	23,30,31,32	Bm, b, s, g
3715	Hibernian Resources Ltd	26/01/2010	Waterford	30,31,35,36	Bm, b, s, g
3716	Hibernian Resources Ltd	26/01/2010	Cork	35,44	Bm, b, s, g
3717	Hibernian Resources Ltd	26/01/2010	Cork	35,36,44,45	Bm, b, s, g
3718	Hibernian Resources Ltd	26/01/2010	Cork	36,37,45,46	Bm, b, s, g
3719	Hibernian Resources Ltd	26/01/2010	Waterford	20,28,29	Bm, b, s, g
3722	Connemara Mining Co. Ltd.	26/08/2008	Westmeath	29	Bm, b, s, g, PGE
3727	Teck Ireland Ltd	12/06/2008	Tipperary	7,8,10,11	Bm, b, s, g, PGE

PL	Licensee	Start	County	O.S.6"	Minerals
3741	Exploration & Discovery Ltd	18/06/2009	Cork	16,23,24,32	Bm, b, s, g
3742	Boliden Tara Mines Ltd	15/11/2006	Galway	32,45,46	Bm, b, s, g
3744	Boliden Tara Mines Ltd	30/03/2007	Roscommon	34,38,38A,39	Bm, b, s, g
3746	Boliden Tara Mines Ltd	30/03/2007	Roscommon	20,26,27,34	Bm, b, s, g
3754	Boliden Tara Mines Ltd	11/05/2007	Roscommon	34,35,38,39	Bm, b, s, g
3757	Boliden Tara Mines Ltd	27/11/2006	Galway	6,7,18,19	Bm, b, s, g
3759	Boliden Tara Mines Ltd	30/03/2007	Roscommon	25,26,32,33	Bm, b, s, g
3760	Boliden Tara Mines Ltd	29/03/2007	Roscommon	20,26,33	Bm, b, s, g
3763	Boliden Tara Mines Ltd	30/03/2007	Roscommon	12,14,15,19,20,21	Bm, b, s, g
3774	Oriel Selection Trust Ltd	27/04/2005	Mayo	72,81,102	Bm, b, s, g
3777	Connemara Mining Co. Ltd.	17/04/2006	Kildare	19,20,24,25,25A,29	Bm, b, s, g
3781	Boliden Tara Mines Ltd	30/03/2007	Galway/ Roscommon	19,20,32,33/ 38,38A,39,41	Bm, b, s, g
3782	Fractore Pty Ltd	11/07/2002	Tipperary	58,59,66,67	Bm, b, s
3787	Belmore Resources Limited	08/06/1994	Clare	26,27,33,34,42	Bm, b, s
3788	Belmore Resources Limited	08/06/1994	Clare	19,26,27,34,35	Bm, b, s, Calcite, Fluorite
3789	Belmore Resources Limited	08/06/1994	Clare	35,43	Bm, b, s
3813	Emerald Zinc Ltd	16/03/2010	Offaly/Westmeath	1,2 7,8/36	Bm, b, s, g
3820	Midas Mineral Resources Ltd.	19/05/2009	Donegal	20,30,31	Bm, b, s, g
3822	Boliden Tara Mines Ltd	10/03/2000	Wexford	25,30,31	Bm, b, s, g
3824	Aurum Mineral Resources Ltd	27/05/2004	Limerick	31,32	Bm, b, s, g
3840	Teck Ireland Ltd	25/01/2006	Galway	98,105,106	Bm, b, s, g, PGE
3846	Exploration & Discovery Ltd	25/02/2008	Kildare	11,12,13,16,17	Bm, b, s, g
3848	Boliden Tara Mines Ltd	30/03/2007	Roscommon	39,41,44	Bm, b, s, g
3849	Jadebay Ltd	11/06/1998	Wicklow	30,31,35,36,40	Bm, b, s, g
3850	Jadebay Ltd	11/06/1998	Wicklow	30,35,40	Bm, b, s, g
3851	Boliden Tara Mines Ltd	30/04/2001	Meath	17,23,24,30	Bm, b, s
3852	Boliden Tara Mines Ltd	16/12/2005	Meath	23,24,29,35	Bm, b, s, g
3858	Boliden Tara Mines Ltd	17/11/2009	Limerick	27,28,35,36,43	Bm, b, s, g
3863	Belmore Resources Limited	21/05/1997	Clare	18,19,26,34	Bm, b, s, Calcite, Fluorite
3864	TNR Gold Corp.	07/08/2009	Wicklow	38,42,43,47	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
3867	Boliden Tara Mines Ltd	15/11/2006	Galway	19,32	Bm, b, s, g
3868	Boliden Tara Mines Ltd	15/11/2006	Offaly	17,24,25	Bm, b, s, g
3869	Conroy Diamonds & Gold Plc	20/08/1998	Monaghan	18,19,23,24	Bm, b, s, g, Antimony
3878	Teck Ireland Ltd	12/06/2008	Tipperary	10,11,15,16	Bm, b, s, g, PGE
3880	Midas Mineral Resources Ltd.	19/12/2007	Galway	53,66	Bm, b, s, g
3881	Midas Mineral Resources Ltd.	19/12/2007	Galway	38,39,52,53	Bm, b, s, g
3887	Oriel Selection Trust Ltd	27/04/2005	Mayo	63,72,73	Bm, b, s, g
3888	Lundin Mining Exploration Ltd	08/12/2008	Leitrim	28,29,32,33,35	Bm, b, s
3889	Lundin Mining Exploration Ltd	08/12/2008	Leitrim	32,35,37	Bm, b, s
3890	Lundin Mining Exploration Ltd	08/12/2008	Leitrim	35,36,37,38	Bm, b, s
3891	Dan Morrissey (Ireland) Ltd	27/09/1999	Laois	37	Coal, Fireclay

PL	Licensee	Start	County	O.S.6"	Minerals
3893	TNR Gold Corp.	07/08/2009	Carlow	16,17,19,20,22	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
3894	TNR Gold Corp.	07/08/2009	Carlow	19,22, 23, 24	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
3902	Exploration & Discovery Ltd	26/08/2008	Cork	17,25	Bm, b, s, g
3907	Teck Ireland Ltd	12/06/2008	Offaly	38,41,42,44,45	Bm, b, s, g, PGE
3908	Minco Ireland Ltd	17/07/2001	Limerick	5,6,13,14	Bm, b, s
3912R	Boliden Tara Mines Ltd	19/04/2002	Meath	25	Bm, b, s
3923	Boliden Tara Mines Ltd	27/05/2004	Limerick	12,13,21,22	Bm, b, s, g
3925	Connemara Mining Co. Ltd.	28/01/2005	Meath	9,10,15	Bm, b, s, g, PGE
3926	Connemara Mining Co. Ltd.	28/01/2005	Meath	9,10,15,16	Bm, b, s, g, PGE
3929	Oriel Selection Trust Ltd	27/04/2005	Mayo	72,73,81,82	Bm, b, s, g
3930	Oriel Selection Trust Ltd	27/04/2005	Mayo	63,73,74,83	Bm, b, s, g
3931	Dan Morrissey (Ireland) Ltd	27/04/2005	Carlow/Laois	6/36,37	Coal, Fireclay
3932	Boliden Tara Mines Ltd	16/12/2005	Westmeath	8,13	Bm, b, s, g
3934	Teck Ireland Ltd	24/02/2006	Roscommon	48,49,51,52	Bm, b, s, g, PGE
3935	Teck Ireland Ltd	31/01/2006	Westmeath	13,19,20	Bm, b, s, g, PGE
3936	Ballinalack Resources Ltd	20/02/2006	Westmeath	5,6,10,11	Bm, b, s, g, PGE
3937	Teck Ireland Ltd	26/06/2006	Westmeath	26,27,33,34,39	Bm, b, s, g, PGE
3938	Teck Ireland Ltd	26/06/2006	Meath	40,41,46,46A,47	Bm, b, s, g, PGE
3939	Teck Ireland Ltd	26/06/2006	Meath	40,41,46,47	Bm, b, s, g, PGE
3940	Boliden Tara Mines Ltd	25/01/2007	Offaly	9,10,18	Bm, b, s, g
3941	Boliden Tara Mines Ltd	25/01/2007	Offaly	9,10,18,19	Bm, b, s, g
3942	Boliden Tara Mines Ltd	15/11/2006	Offaly	10	Bm, b, s, g
3943	Boliden Tara Mines Ltd	25/01/2007	Offaly	3,4,10,11	Bm, b, s, g
3944	Boliden Tara Mines Ltd	25/01/2007	Westmeath	26,32,33,39	Bm, b, s, g
3945	Boliden Tara Mines Ltd	25/01/2007	Westmeath	26,32,33,38,39	Bm, b, s, g
3946	Boliden Tara Mines Ltd	25/01/2007	Offaly/Westmeath	3,10/33,39	Bm, b, s, g
3947	Boliden Tara Mines Ltd	25/01/2007	Westmeath	38,40	Bm, b, s, g
3948	Boliden Tara Mines Ltd	25/01/2007	Westmeath	38,40	Bm, b, s, g
3953	Connemara Mining Co. Ltd.	29/09/2008	Tipperary	20,26	Bm, b, s, g, PGE
3956	Boliden Tara Mines Ltd	25/01/2007	Offaly/Westmeath	8,9,16,17/37,40	Bm, b, s, g
3958	V. P. Power Ltd	09/08/2007	Offshore		Coal
3959	Midas Mineral Resources Ltd.	19/12/2007	Galway	39,40,53,54	Bm, b, s, g
3963	Exploration & Discovery Ltd	19/09/2007	Galway	123,128,129,133,133A	Bm, b, s
3964	Midas Mineral Resources Ltd.	19/12/2007	Galway	41,42,55,56	Bm, b, s, g
3965	Midas Mineral Resources Ltd.	19/12/2007	Galway	28,42,56	Bm, b, s, g
3966	Midas Mineral Resources Ltd.	19/12/2007	Galway	42,43,56,57	Bm, b, s, g
3980	Boliden Tara Mines Ltd	12/06/2008	Offaly	35,38,38A,41,42	Bm, b, s, g
3981	Exploration & Discovery Ltd	12/06/2008	Westmeath	30,36	Bm, b, s
3982	Connemara Mining Co. Ltd.	26/08/2008	Offaly/Westmeath	6,7/30,35,36	Bm, b, s, g, PGE
3983	Connemara Mining Co. Ltd.	26/08/2008	Westmeath	24,30,31	Bm, b, s, g, PGE
3985	Exploration & Discovery Ltd	12/06/2008	Westmeath	17,23,24,30,31	Bm, b, s
3986	Oriel Selection Trust Ltd	22/02/2010	Donegal	51	Bm, b, s, g, PGE, REEs

PL	Licensee	Start	County	O.S.6"	Minerals
3987	Oriel Selection Trust Ltd	22/02/2010	Donegal	50,51,58,59	Bm, b, s, g, PGE, REEs
3988	Exploration & Discovery Ltd	29/09/2008	Meath	25,31,36,37,43	Bm, b, s, g
3989	Exploration & Discovery Ltd	29/09/2008	Meath	26,32	Bm, b, s, g
3990	Exploration & Discovery Ltd	29/09/2008	Meath	31,32,37,38	Bm, b, s, g
3991	Exploration & Discovery Ltd	07/10/2008	Meath	32,33,38,39	Bm, b, s, g
3992	Exploration & Discovery Ltd	07/10/2008	Dublin	3,4,6	Bm, b, s, g
3994	Boliden Tara Mines Ltd	17/11/2009	Limerick	27,28,36	Bm, b, s, g
3995	Boliden Tara Mines Ltd	22/02/2010	Offaly	35,36,38,39	Bm, b, s, g
3996	Teck Ireland Ltd	20/02/2009	Longford	22,23,26,27	Bm, b, s, g, PGE
3997	Metallum Exploration Limited	16/02/2009	Monaghan	1,2,3	Bm, b, s, g, PGE
3998	Metallum Exploration Limited	16/02/2009	Monaghan	1,3,4,6	Bm, b, s, g, PGE
3999	Metallum Exploration Limited	16/02/2009	Monaghan	2,3,5,6	Bm, b, s, g, PGE
4000	Metallum Exploration Limited	16/02/2009	Monaghan	5,6,8,9	Bm, b, s, g, PGE
4001	Metallum Exploration Limited	08/06/2009	Cavan	11,15	Bm, b, s, g, PGE
4002	Metallum Exploration Limited	08/06/2009	Monaghan	11,12,16,17	Bm, b, s, g, PGE
4003	Oriel Selection Trust Ltd	22/02/2010	Donegal	44,51,52	Bm, b, s, g, PGE, REEs
4004	Oriel Selection Trust Ltd	22/02/2010	Donegal	35,44	Bm, b, s, g, PGE, REEs
4018	Terra Energy Ltd	19/01/2010	Laois	31,32,37	Coal
4019	Terra Energy Ltd	19/01/2010	Kilkenny	5,6	Coal
4020	Terra Energy Ltd	19/01/2010	Kilkenny	1,2,5,6	Coal
4021	Terra Energy Ltd	19/01/2010	Laois	31,36	Coal
4022	Terra Energy Ltd	19/01/2010	Laois	31	Coal
4023	Emerald Zinc Ltd	16/03/2010	Offaly/Westmeath	1,2,7/30,31,36	Bm, b, s, g
4024	Terra Energy Ltd	19/01/2010	Kilkenny/Tipperary	17/43,49	Coal
4025	Terra Energy Ltd	19/01/2010	Tipperary	48,49,54,55	Coal
4026	Terra Energy Ltd	19/01/2010	Tipperary	49,55	Coal
4027	Terra Energy Ltd	19/01/2010	Tipperary	48,49	Coal
4028	Conroy Diamonds & Gold Plc	20/04/2009	Cavan	26,27,32,33	Bm, b, s, g, Gem minerals
4029	Conroy Diamonds & Gold Plc	20/04/2009	Cavan/Monaghan	18,23/23,24,26,27	Bm, b, s, g, Gem minerals
4030	Lundin Mining Exploration Ltd	19/12/1986	Kilkenny	3,7,8,12	Bm, b, s, g
4031	TNR Gold Corp.	07/08/2009	Carlow	17,18,20,21	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
4032	TNR Gold Corp.	07/08/2009	Wicklow	42,43,46,47	Bm, s, g, Caesium, Lithium, Beryllium, Niobium, Tantalum, Rubidium, REEs
4033	Sunrise Diamonds Plc	23/11/2009	Cork	117,118,119	Bm, b, s, g, PGE
4035	Teck Ireland Ltd	29/12/2009	Tipperary	35,36,41,42	Bm, b, s, g, PGE

Prospecting Licences Offered and Advertised

These are licences that are in the process of being issued for certain minerals, and are indicated by their reference number and a brown colour on the map. They are available for other minerals.

PL Area	Licensee	County	Minerals
1140	Anú	Cavan	Bm, b, s, g, PGE,
2803	Oriel Selection Trust Ltd	Donegal	Bm, b, s, g, PGE, REEs
2819	Mytilus Minerals Limited	Donegal	Bm, b, s, g, Fluorite
2964	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
2988	Anú	Cavan	Bm, b, s, g, PGE,
3007	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3008	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3062	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3072	Mytilus Minerals Limited	Donegal	Bm, b, s, g, Fluorite
3094	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3372	Mytilus Minerals Limited	Donegal	Bm, b, s, g, Fluorite
3383	Anú	Sligo	Bm, b, s, g, PGE,
3384	Anú	Sligo	Bm, b, s, g, PGE,
3496	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3751	Anú	Roscommon	Bm, b, s, g, PGE,
3752	Anú	Roscommon	Bm, b, s, g, PGE,
3856	Grosvenor Exploration & Mining Services (Ireland) Ltd	Donegal	Diamonds, Gem minerals, g
3971	Oriel Selection Trust Ltd	Donegal	Bm, b, s, g, PGE, REEs
3978	Oriel Selection Trust Ltd	Donegal	Bm, b, s, g, PGE, REEs
3979	Oriel Selection Trust Ltd	Donegal	Bm, b, s, g, PGE, REEs
4005	Terra Energy Ltd	Leitrim	Coal
4006	Terra Energy Ltd	Cavan/Leitrim	Coal
4007	Terra Energy Ltd	Leitrim	Coal
4008	Terra Energy Ltd	Leitrim	Coal
4009	Terra Energy Ltd	Leitrim	Coal
4010	Terra Energy Ltd	Sligo	Coal
4011	Terra Energy Ltd	Leitrim/Roscommon	Coal
4012	Terra Energy Ltd	Sligo/Roscommon	Coal
4013	Terra Energy Ltd	Cavan/Leitrim	Coal
4014	Terra Energy Ltd	Cavan/Leitrim	Coal
4015	Terra Energy Ltd	Cavan/Leitrim	Coal
4016	Terra Energy Ltd	Leitrim	Coal
4017	Terra Energy Ltd	Leitrim	Coal
4037	Anú	Sligo	Bm, b, s, g, PGE,

INDUSTRY NEWS

HIGHLIGHTS AT A GLANCE

Mine Operations

There are currently five operating mines in Ireland (Figure 1): Navan (zinc-lead), Lisheen (zinc-lead), Knocknacran (gypsum), Drummond (gypsum), Maddoxtown (dolomitic limestone)

2009 Mine Production

- Zinc metal content in concentrates: 384kt (3.5% lower than 2008)
- Lead metal content in concentrates: 49kt (2% lower than 2008)

2008 Zinc Mine Output (Metal Content)

- Ireland produced 36% of European zinc mine output (1st in Europe)
- Ireland produced 3.4% of World zinc mine output (10th in World)

2008 Lead Mine Output (Metal Content)

- Ireland produced 15% of European lead mine output (3rd in Europe)
- Ireland produced 1.2% of World lead mine output (11th in World)

Number of Prospecting Licences (PLs): 508

Number of Companies holding PLs: 31

% of Ireland Land Area under Licence: Approximately 25%

Total Exploration Expenditure in 2008: €20.2M (39.6% higher than 2007)

Exploration Expenditure on PLs: €16.8M (58.8% higher than 2007)

Exploration Expenditure on SMFs: €3.4M (13% higher than 2007)

Drilling Stats on PLs (non-mine related): 126 kilometres (37% higher than 2007)

SMFs: State Mining Facilities

Data Current as of 30 November 2009. Source of Production Data: International Lead & Zinc Study Group

Development

The global economic contraction has presented serious challenges to the base-metal mining sector in Ireland. Against a backdrop of depressed metal prices, **Lundin Mining's Galmoy Mine** in Co. Kilkenny closed on 30th June 2009, after more than twelve years of operation. The drive to cut costs and increase productivity, led **Boliden Tara Mines** to introduce a continuous shift operation at its **Navan Mine** earlier this year. More recently, in a measure aimed at saving €80 million a year, **Anglo American** announced its intention to sell off its portfolio of zinc operations, including the Zn-Pb mine at **Lisheen**, Co. Tipperary. On a more optimistic note, the most recent production figures indicate that Ireland continues to punch above its weight in terms of its output of zinc-lead concentrates. In 2009, Ireland produced 384kt of zinc metal in concentrates (3.5% lower than 2008) and 49kt of lead metal in concentrates (2% lower than 2008). Based on these figures, Ireland accounted for 36% of European zinc mine production and 15% of European lead. In global terms, Ireland was the tenth largest producer of zinc in concentrates and the eleventh highest for lead.

Boliden Tara Mine's operation at **Navan**, Co. Meath, continues to be the largest zinc mine in Europe. In 2009, Tara milled 2.51Mt grading 7.91% Zn and 1.52% Pb. This ore yielded over 185kt of zinc and 23kt of lead metal in concentrates. Up to the end of 2009, Tara had mined more than 73Mt of ore yielding 5.5Mt of zinc metal and 1.05Mt of lead metal. Heading in to 2010, the mine's JORC classified ore reserves (proven and probable) stood at 17Mt grading 7.2% Zn and 1.8% Pb, whilst mineral resources (measured, indicated and inferred) were 11.8Mt at 7.1% Zn and 1.8% Pb. In the latter part of 2009, the mine assembled and commissioned a new autogenous (AG) mill. Tara has invested €27 million in this new technology, which will increase zinc yields, reduce surface processing costs and improve efficiency.

In 2009, **Anglo American** mined over 1.53Mt of ore grading 12.43% Zn and 1.84% Pb from its underground operation at **Lisheen**. In this same period, the mill produced 172kt of zinc metal in concentrates and 19kt of lead metal in concentrates. From commencement of mining up until the end of December 2009, the mine produced 14.1Mt grading 11.9% Zn and 2.08% Pb. At the start of 2010, Lisheen Mine had reserves amounting to 6.96Mt at 11.59% Zn and 1.86% Pb, with additional resources of 1.7Mt grading 13.4% Zn and 2.3% Pb.

Underground mining at **Galmoy** terminated in May 2009 with milling operations ceasing the following month. The mine was approaching the end of its natural life but the collapse in base metal prices in 2008 brought

forward the closure. From 1st January 2009 up until closure, **Galmoy Mines Ltd.** milled over 190kt of ore grading 17.7% Zn and 5.0% Pb. This ore yielded concentrates containing 28kt of zinc metal, 6.7kt of lead and 56koz of silver. Although the total tonnage of ore mined and milled in 2009 was significantly lower than the equivalent period in 2008, base metal production was actually greater, as a result of the mine working higher head grades.

Galmoy Mines Ltd is currently working with Kilkenny County Council, the Environmental Protection Agency (EPA) and Exploration and Mining Division (EMD) to ensure the orderly closure of the mine in accordance with all statutory permits.

The sharp downturn in the Irish construction sector has impacted upon the State's industrial mineral and aggregate producing operations. **Irish Gypsum Ltd.**, a subsidiary of French multi-national Saint Gobain, produced approximately 400kt of gypsum in 2009, considerably less than in previous years. The larger part of this tonnage was sourced from the opencast operation at Knocknacran, Co. Monaghan, with the remainder coming from the adjacent underground mine at **Drummond**. The gypsum is crushed and blended on site, before being transported to a production facility at the nearby town of Kingscourt for manufacturing plaster and plasterboard. Some gypsum is additionally supplied to cement manufacturing companies, where it is used as an additive in cement production.

Roadstone Wood Ltd. (formerly Roadstone Provinces Ltd), a wholly owned subsidiary of the international building materials group CRH Plc, produced close to 500kt of dolomite and limestone in 2008 from an open pit at **Maddoxtown**, near Bennettsbridge, Co. Kilkenny. In the first six months of 2009 however, the mine produced less than 125kt of material, some 40% lower than the equivalent period for 2008. The quarried stone is processed on site, before being used by the construction industry as an aggregate.

Exploration Activity

Whilst the economic downturn has adversely affected the financing available for mineral exploration, the level of exploration activity has continued to be reasonably healthy in terms of the number of Prospecting Licences (PLs) held. As of 1st February 2010, the total number of Prospecting Licences stood at 508, 7.5% up on the same date in 2009. The number of PLs held is currently at the highest level since 1994. Lead and zinc remain the principal commodities of interest, but other minerals currently being sought include gold, silver, PGEs, copper, molybdenum, lithium, tungsten, caesium, lithium, REEs, gem minerals, barite, calcite, fluorite, dolomitic limestone, coal and fireclay.

Boliden Tara Mines Ltd. is the largest Prospecting Licence holder in Ireland with 113 licences, distributed across ten counties. Exploration drilling in 2009 by Boliden has focused on defining additional resources in the vicinity of the Navan Mine. Away from the mine, Boliden is utilising its airborne gravity data (flown in 2008) to generate new exploration targets for its Midlands licences.

Xstrata Zinc and joint venture partner **Minco Plc** continue to announce high grade drilling intersections for their Pallas Green exploration project in northeast Co. Limerick. Four distinct lenses of massive zinc-lead sulphide mineralization have been identified (Castlegarde, Srahane West, Caherconlish South and Tobermalug). Drilling in 2009 focused on the **Tobermalug** prospect, where 23 holes were completed for a total of 11,000 metres. One hole (MN-636-121) drilled in the northwestern extension to the deposit returned grades of 24.2% Zn and 5.4% Pb over 3.45 metres, the highest assay values ever encountered for the Pallas Green Project. In August 2009, the joint venture (Xstrata 76.4%, Minco 23.6%) announced an initial JORC compliant, inferred resource estimate of 11.3Mt at 10.2% Zn and 1.9% Pb. Mineralization at Tobermalug still remains open to the south and northwest. In addition to publishing a resource estimate, the project partners also produced numerous other preliminary reports in 2009, including a mining plan, metallurgical report, provisional cost estimates and environmental base-line studies. The planned 2010 programme will include about 70,000 metres of diamond drilling in about 150 holes.

Less than five kilometres west-southwest of Tobermalug, **Teck Ireland Ltd** (formerly Teck Cominco Ireland Ltd) and its joint venture partner **Connemara Mining Company Plc** have also continued to intersect high grade Zn-Pb mineralization on the Stonepark Project. Drilling in the **Stonepark North** zone in September 2009 intersected 7.2 metres grading 13.1% Zn and 2.2% Pb at a depth of 216m. This hole (TC-2638-026), which included an interval of 3.75m grading 17.1% Zn and 3.5% Pb, is located 1.5km northwest of the original Stonepark discovery hole, drilled by Teck in late 2007. A further 10,000m of diamond drilling is planned for

2010. A number of geophysical surveys are also ongoing on the property with the aim of defining additional drill targets outside the Stonepark and Stonepark North zones.

Aside from the 16 licences joint ventured with Connemara Mining in Co. Limerick, **Teck Ireland Ltd** holds 54 other licences throughout the Irish Midlands. In the past year, the company has drill tested targets on their Loughrea (Tynagh) and Sion Hill licence blocks. In 2009, Teck Ireland Ltd also entered into a joint venture exploration agreement with a Chinese company on their Ballinalack licence block. Teck will operate the programme, and drill testing of new targets outboard of the historic Ballinalack resource began in early 2010.



Figure 1: County Map of Ireland showing locations mentioned in text.

BK	Ballinalack
CC	Caherconlish
CG	Castlegarde
CL	Clay Lake (Armagh, N.I.)
C	Clontibret
GA	Galmoy
KB	Kilbricken
K	Kish Bank Basin
KD	Knocknacran/Drummond
LI	Lisheen
MA	Maddoxtown
NA	Navan
SI	Sion Hill
SM	Silvermines
SR	Srahane West
ST	Stonepark North
TB	Tobermalug
T	Tynagh

Rathdowney Resources Ltd., through their subsidiary Exploration and Discovery Ltd., retains 59 Prospecting Licences covering an area of approximately 2,000km². Since obtaining its first licences in 2007, the company has collected and analysed over 11,000 soil samples, and has contracted heliborne SkyTEM and airborne gravity surveys over several of its exploration blocks. Rathdowney is currently integrating its airborne geophysics, geochemistry and geological data to generate multiple drill targets. The company expects to commence a 15,000 metre drilling program in mid 2010 using three rigs.

In February 2009, **Belmore Resources Ltd** announced that they had entered into a joint venture agreement with **Lundin Mining Exploration Ltd** to explore Belmore's eleven Prospecting Licences in Co. Clare. The agreement followed Belmore's intersection of 10m at 19.36% combined zinc and lead at the historic **Kilbricken** Silver Mine. Under the terms of the agreement, Lundin have the right to earn up to a 70% interest in Belmore's Clare licences, by spending €14.7 million over a number of years. Lundin have drilled a number of step-out holes to evaluate the prospect. Best results to date include hole 09-3679-06, drilled 50 metres west of the discovery hole, which intersected 21.2m grading 11.2% Zn and 4.8% Pb at approximately 450m depth. This hole included an interval of 9.55m grading 18.0% Zn, 7.2% Pb and 144g/t Ag and a second intersection of 3.95m at 12.4% Zn, 6.2% Pb and 117g/t Ag.

Conroy Diamonds and Gold Plc (CDG) holds 19 Prospecting Licences along a 50 km strike length of the Longford Down Massif in Counties Cavan and Monaghan, as well as adjoining ground in Northern Ireland. In July 2008, the company announced a JORC compliant gold resource of 1.03 million ounces at its **Clontibret** prospect. Wardrop Engineering Inc. has recently been appointed to carry out a scoping study on the prospect. In early 2009, Conroy also identified a 2 x 1 km gold-in-soil anomaly at nearby **Clay Lake** in Co. Armagh (N. Ireland). Initial drilling at this location returned an intersection of 63m at 0.62g/t gold and 1g/t silver, including 9m at 1.48g/t gold and 1g/t silver.

In early December, **VP Power Ltd.** commenced offshore drilling on its **Kish Bank Basin** licence, some 13.5 nautical miles east of Bray Head (Co. Wicklow). The company is investigating the underground coal gasification (UCG) potential of various Westphalian coal seams that are known from previous hydrocarbon exploration to occur at depths of 340 to 816m. VP Power has leased the newly-built 'Fugro Synergy' drillship to evaluate the thickness, continuity and quality of coal seams present.

“Industry News - 1st March 2010” as prepared for the Prospector and Developers Association of Canada Convention and Tradeshow.

Exploration and Mining Expenditures 2008

Based on figures provided by exploration and mining companies, exploration expenditure during the calendar year 2008 totalled €20.20 million. This was well ahead of the 2007 figure, when €4.47 million was spent. This figure is made up of expenditure of €16.83 million in Prospecting Licence Areas (“greenfield” exploration) and €3.37 million in areas covered by State Mining Facilities (“brownfield” exploration).

The majority of the exploration expenditure in PL areas related to base metal exploration (€15.13M), with a lesser amount spent on gold exploration (€0.41M). The expenditure on exploration in State Mining Facilities was largely directed at base metals (zinc, lead).

Drilling statistics

Figures provided by Prospecting Licence holders indicate that a total of some 126,132 metres of drilling (non mine-related) was carried out during 2008, almost all of it for base metals (zinc, lead). In addition, some 35,000 metres of mine-related exploration drilling was completed. Again, almost all was carried out for base metals, at the Navan and Lisheen mines.

A. Prospecting Licences

<i>Activity</i>	Base Metals €	Gold €	Other Minerals €	Total €
Geology	1,640,177	105,680	2,000	1,747,857
Geochemistry	844,114	69,581	7,500	921,195
Geophysics	1,075,712	14,000	1,167,500	2,257,212
Airborne Surveys	1,044,225	0	0	1,044,225
Drilling	10,015,485	225,752	7,000	10,248,237
Trenching	0	0	0	0
Environmental Studies	0	0	0	0
Other Costs (Includes consultancies, data acquisition, report writing, but excludes office overheads.	513,896	0	100,000	613,896
Total Expenditure (PL Areas)	15,133,609	415,013	1,284,000	(a) 16,832,622
Irish Office Overheads				2,343,392

B. State Mining Facilities (SMFs)

Exploration Expenditure:

Drilling	3,183,662
All Other Expenditure	182,358
Total Exploration Expenditure, SMFs	(b) 3,366,020

Total Exploration Expenditure in PLs and SMFs, excluding office overheads, i.e. (a) + (b)

€20,198,642

Exploration Support

In recent years, the Exploration and Mining Division (EMD) has undertaken a number of data release initiatives to promote exploration in Ireland. The common theme in all of EMD's Data Release Initiatives has been the provision of digital data, **free of charge**. The types of exploration data made available by the Division include:

- **Airborne Geophysics Data.**

Since 1995, in excess of 60 low-level, high resolution airborne geophysical surveys have been flown over Ireland. Much of this data and associated maps are available on request from EMD. They include structural interpretations of the north and northeastern parts of the Irish Midlands that were produced by PGW Europe Ltd, as part of a Public-Private Partnership project with EMD.

- **Exploration Company Reports.**

Many thousands of non-confidential exploration company reports dating back to the early 1960s can be accessed via the following URL: <http://www.dcenr.gov.ie/Spatial+Data>. Clients can view or download reports using either a map-based (GIS) interface or a simple text entry screen. Using the latter tool, clients simply enter a current (or retired) PL Area number to return all exploration reports that relate to the area. A map showing the geographical extent of current PL Areas is available from <http://www.mineralsireland.ie/Exploration+Licensing+Process/Prospecting+Licence+Competitions.htm>.

- **Prospecting Licence Area Status and Background Information**

Exploration clients can swiftly assess whether a PL Area is available for application by visiting <http://www.mineralsireland.ie/Available+Exploration+Data/Exploration+Report+Search.htm>. On entering the PL Area of interest, a user can readily establish the PL Area status, its geographical location, geological setting, details of former licence holders, as well as information on environmental constraints relevant to the area in question (e.g. Special Protection Areas, Special Areas of Conservation, National Parks, etc.).

- **Geospatial (GIS) Information**

Since 2001, EMD has progressively released much of its non-confidential spatial data into the public domain. This data can either be visualised online using an intuitive, user-friendly map viewer or downloaded by clients for incorporation into their own systems. Included amongst the spatial data available for download/viewing is an up-to-date PL Area status map. Other accessible datasets include retired PL Area boundary outlines, geology, boreholes, current and historic mines, mineral deposits, gold occurrences, environmental constraint areas and location maps at various scales (1:600,000 down to 1:10,560). To learn more about the variety of spatial data available from EMD and other Government Divisions (e.g. Geological Survey of Ireland, GSI; Petroleum Affairs Division, PAD), please visit <http://www.dcenr.gov.ie/Spatial+Data/DCENR+Spatial+Data.htm>.

- **Target Areas Data**

This initiative provides focused compilations of digital data on particular commodities or specific areas of the country. Four 'Target Area' CD/DVDs have been released (1) Gold in Ireland, (2) The Ballinalack Zn-Pb Deposit, (3) Cregganbaun and Adjacent Gold Target Areas, and (4) The Silvermines Zn-Pb District. Each product contains relevant GIS data, a free viewer for visualising the data, plus collections of exploration company reports and technical papers. Copies of all the products can be ordered from emd.info@dcenr.gov.ie.

- **Bibliography of Irish Mineral Resources**

This bibliography, listing almost 1500 publications and selected reports relating to Irish Mineral Resources between 1750 and 2008, has recently been added to the Division's website (<http://www.mineralsireland.ie/Available+Exploration+Data/Bibliography.htm>). The references themselves are not available from EMD, though many can be accessed by visiting the Geological Survey of Ireland Library.

APPENDICES

- **Publicly Available Prospecting Licence Area Data**
- **Addresses of Companies holding State Facilities**

PUBLICLY AVAILABLE PROSPECTING LICENCE AREA DATA

Public viewing access

Publicly available Prospecting Licence area data consists of non-confidential company work reports, both on surrendered Prospecting Licences, and on work more than 6 years old in current Prospecting Licences. This 'open file' data is available for viewing by members of the public from the Geological Survey of Ireland (GSI), Department of Communications, Energy and Natural Resources, Beggars Bush, Haddington Road, Dublin 4, and also from the Exploration and Mining Division (only for data released from 1st January, 2000). The following viewing arrangements currently apply:

- Access to the Databank held by GSI. By making an appointment with the Minerals Section to view the reports at the GSI (see contact below), or by visiting the GSI Customer Centre and accessing the databanks through the public computer system.
- Digital copies of these may be obtained. Please contact GSI for details and charges. All digital data from EMD is free.
- Photocopies (b/w). These are supplied at cost. Currently the charges are: A0 €6.00; A1 €5.00; A2 €3.00; A3 €0.30; A4 €0.15

For appointments or further information, please contact either the **Geological Survey**, Gerry Stanley of the Minerals Section, Tel: 01-678 2863, Fax 01-678 2589, or the **Exploration and Mining Division** (Dr Wayne Cox, Tel: 01-678 2677, Fax: 01-660 9627).

Catalogue of Open File Data

A digital copy of the 'Catalogue of Exploration Company Open File Data' is available free of charge from the Geological Survey. The catalogue lists all of the approximately 75,000 individual items (reports, maps, sections, drill logs), which are currently held in the open file system. The Catalogue is available as an Access database on CD and may be obtained by applying to Gerry Stanley of the Minerals Section, Tel: 01-678 2863, Fax 01-678 2589.

Online Data Availability

Since mid-2003, the Exploration and Mining Division have been progressively providing publicly available company exploration data released since 1st January 2000 on the www.mineralsireland.ie website. Data relating to over 700 PL areas, including those in the current PL competition, are now available.

ADDRESSES OF COMPANIES HOLDING STATE FACILITIES

A. Prospecting Licences

Anglo American Lisheen Mining Limited
The Lisheen Mine
Killoran,
Moyné
Thurles
Co. Tipperary

Ballinalack Resources Ltd
5 Wentworth Place,
Wicklow,
County Wicklow

BHP World Exploration Inc.
Suite 800-Four Bentall Centre, 1055
Vancouver, BC V7X 1L2
Canada

Clare Calcite Ltd.
Block 10 Unit 3
Blanchardstown Corporate Park
Dublin 15

Conroy Diamonds and Gold Plc
10 Upper Pembroke Street
Dublin 2

El Nino Ventures Inc,
2303 West 41st Avenue,
Vancouver BC,
Canada
V6M 2A3

Exploration and Discovery Ltd
18 Fitzwilliam Place,
Dublin 2.

Gary R Brown
c/o SLR Consulting Ireland
7 Dundrum Business Park
Windy Arbour
Dublin 14

Jadebay Ltd
9 Marine View
Phoenix Terrace
Blackrock
Co. Dublin

Aurum Mineral Resources Ltd.,
Aurum House, Unit S/C,
Kells Business Park
Virginia Road,
Kells, Co. Meath

Belmore Resources Limited
103 Rathfarnham Wood
Dublin 14

Boliden Tara Mines Ltd.
Knockumber House
Knockumber
Navan
Co. Meath

Connemara Mining Co. Ltd.
162 Clontarf Road
Dublin 3

Dan Morrissey (Ireland) Ltd.
Bennekerry House,
Carlow

Emerald Zinc Ltd
Unit S/C Kells Business Park
Virginia Road
Kells
Co Meath

Fractore Pty. Ltd.
11 French Street
Camberwell
Victoria 3124
Australia

Hibernian Resources Ltd
Unit S/C Kells Business Park
Virginia Road
Kells
Co Meath

Kellys of Fantane
c/o Roger Kelly and Sons Ltd.
Fantane, Borrisoleigh
Thurles
Co. Tipperary

Kenmare Resources Plc.

Chatham House
Chatham Street
Dublin 2

Limerick Zinc Limited

162 Clontarf Road
Dublin 3

Metallum Exploration Limited

Science Innovation Centre
Coleraine Science Park
Cromore Road, Coleraine
Co Derry, BT52 1SA

Minco Ireland Ltd.

Coolfore Road, QME
Ardbracken
Navan
Co Meath

Oriel Selection Trust Ltd.

Newexco Services Pty.Ltd.,
15 Joel Terrace,
East Perth,
Western Australia,6004,
Australia

Ormonde Mining Plc.

Ormonde House,
Metges Lane
Navan,
Co. Meath

Rennicks and Bennett Ltd.

c/o Boliden Tara Mines Ltd.
Knockumber,
Navan,
Co. Meath

Teck Ireland Ltd

5 Wentworth Place,
Wicklow,
County Wicklow

The Lisheen Mining Partnership

Lisheen, Killoran
Moyne
Thurles
Co Tipperary

Lenagold Ltd

The Derries
Ballintra
Co Donegal

Lundin Mining Exploration Ltd

Castletown
Galmoy
Crosspatrick (via Thurles)
Co. Kilkenny

Midas Mineral Resources Ltd

Main Street
Oughterard
Co Galway

Mincor Resources NL,

Level 1, 56 Ord Street
West Perth, WA 6005
Australia

Ormonde Brick Ltd.

Castlecomer
Co. Kilkenny

Ray Hilliard Ltd

Clieveragh
Listowel
Co Kerry

Sunrise Diamonds Plc

Sunrise House
Hulley Road
Macclesfield
Cheshire SK10 2LP, UK

Terra Energy Ltd

18 Fitzwilliam Place
Dublin 2

TNR Gold Corp.

PO Box 11604,
Suite 620-650 West Georgia Street,
Vancouver, BC V6B 4N9
Canada

V P Power Ltd.
6 Northbrook Road
Dublin 6

Westcork Copper Mining Company Limited
8 King Street East, Ste 1500
Toronto
Ontario
Canada M5C 1B5

Westland Exploration Ltd.
Coolfore Road, QME
Ardbracken
Navan
Co Meath

B. Mining Facilities

Anglo American Lisheen Mining Ltd.
The Lisheen Mine
Killoran,
Moyne
Thurles
Co. Tipperary

Boliden Tara Mines Ltd
Knockumber House
Knockumber,
Navan
Co. Meath

Connemara Marble Products Ltd
Moycullen
Co. Galway

Eurostone Ltd.
Gouldshill House
Mallow
Co Cork

Flemings Fireclays Manufacturing Ltd.
The Swan
Athy
Co. Kildare

Roadstone Provinces Ltd.
Saggart
Co. Dublin

Galmoy Mines Ltd.
Galmoy,
via Thurles
County Kilkenny

Irish Gypsum Ltd.
Unit 14
Park West Industrial Park
Dublin 12

Joyces Marble Quarries Ltd.
Lissoughter
Recess
Connemara
Co. Galway

Killoran Lisheen Mining Ltd.,
Killoran
Moyne
Thurles
Co Tipperary

Lisheen Milling Ltd.
41/45 St. Stephen's Green
Dublin 2

Ormonde Brick Ltd.
Castlecomer
Co. Kilkenny

