

## Table of Contents

	Page
<b>Ground Status and Application Procedure</b>	1
Available Ground	1
Ground Unavailable	3
Application Procedures	3
Statement of Interest	4
<b>Prospecting Licence competition</b>	7
Procedures	7
Competition Areas	7
<b>State Mining and Prospecting Facilities</b>	8
State Mining Facilities	8
Prospecting Licences Held	9
<b>Industry News</b>	19
<b>Exploration and Mining Expenditures 2006</b>	22
<b>Appendices</b>	
Publicly Available Prospecting Licence Area Data	28
Addresses of Companies holding State Facilities	34

### Map (in back pocket)

All information is also available on [www.minex.ie](http://www.minex.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 31<sup>st</sup> December 2007) 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.9-17). 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 31<sup>st</sup> December 2007, 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 9-16.

**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
<b>TOTAL</b>	<b>3,125</b>	<b>1,250</b>	<b>1,250</b>
<b>MINIMUM EXPENDITURE REQUIREMENTS</b>			
	€	€	€
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
<b>TOTAL</b>	<b>45,000</b>	<b>11,250</b>	<b>17,500</b>

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, Marine 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.minex.ie](http://www.minex.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, Marine 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.minex.ie](http://www.minex.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 1<sup>st</sup> May and 1<sup>st</sup> 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, Marine 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.minex.ie**

## Competition Areas

**The following prospecting licence areas are open for application under equal competition until 31<sup>st</sup> December 2007.**

- Areas for which licences were current on the 20<sup>th</sup> July, 2007 but have become available in the period to 26<sup>th</sup> October 2007, or areas for which licences were offered but were subsequently declined in the same period. The areas are shown on the map in yellow.

<b>Number</b>	<b>County</b>	<b>Number</b>	<b>County</b>
2396	Mayo	1362	Galway

- The Following Areas are available under competition for **Gold only**:

<b>Number</b>	<b>County</b>	<b>Number</b>	<b>County</b>
449	Limerick	450	Limerick
2638	Limerick	2927	Limerick
3367	Limerick	3647	Limerick

# STATE MINING AND PROSPECTING FACILITIES

## State Mining Facilities

- **Mining Leases**

<b>Ref:</b>	<b>Lessee</b>	<b>Issued</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Valid To</b>
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	31.12.2008
M 115	Flynn & Lehany Coal Mines Ltd.	01.10.70	Roscommon	1,2	31.03.2043
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	31.12.2008
M 144	Boliden Tara Mines Ltd.	01.07.06	Meath	25	30.06.2021

- **Mining Licences**

<b>Ref:</b>	<b>Licensee</b>	<b>Issued</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Valid To</b>
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

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 20<sup>th</sup> April 2007. The licensed minerals are abbreviated as follows: Base metals (Bm); Barytes (b); Gold (g); Silver (s); Platinum Group Elements (PGE).

PL	Licensee	Start	County	O.S. 6"	Minerals
134	Teck Cominco Ireland Ltd	25/01/06	Galway	98, 106	Bm, b, g, s, PGE
184	Teck Cominco Ireland Ltd	20/02/06	Longford	14, 19	Bm, b, g, s, PGE
185	Lundin Mining Exploration Ltd	17/04/06	Longford	18, 19, 22, 23	Bm, b, s, g
186	Lundin Mining Exploration Ltd	31/05/05	Longford	19, 23	Bm, b, s
350	Aurum Mineral Resources Ltd	27/05/04	Tipperary	51, 59	Bm, b, s, g
449	Connemara Mining Co. Ltd	31/01/05	Limerick	22, 23, 31, 32, 41	Bm, b, s
450	Connemara Mining Co. Ltd	31/01/05	Limerick	23, 24, 32, 33	Bm, b, s
480	Lundin Mining Exploration Ltd	22/09/94	Offaly	7,14,15	Bm, b, s
481	Lundin Mining Exploration Ltd	22/09/94	Offaly	4,15,22	Bm, b, s
580	El Nino Ventures Inc.	22/09/07	Longford	13, 18	Bm, b, s
581	El Nino Ventures Inc.	22/09/07	Longford	18, 22	Bm, b, s
582	Lundin Mining Exploration Ltd	19/06/91	Longford	22,23,26	Bm, b, s
586R	Lundin Mining Exploration Ltd	26/10/81	Laois/Kilkenny	28,33,34/3,8	Bm, b, s, g
622	Teck Cominco Ireland Ltd	20/02/06	Longford	19,20,23,24	Bm, b, s, g, PGE
626	Boliden Tara Mines Ltd	30/03/07	Tipperary	4,5,7,8	Bm, b, s, g
627	Boliden Tara Mines Ltd	30/03/07	Tipperary	7,8,10,11	Bm, b, s, g
635	Minco Ireland Ltd	06/12/96	Limerick	13,14,22	Bm, b, s
636	Minco Ireland Ltd	06/12/96	Limerick	21,22,30,31	Bm, b, s
643	Teck Cominco Ireland Ltd	25/01/06	Galway	106	Bm, b, s, g, PGE
666	Teck Cominco Ireland Ltd	15/12/05	Longford	9,14,15,19,20	Bm, b, s, g, PGE
667	Teck Cominco Ireland Ltd	20/02/06	Longford	14,15,19,20	Bm, b, s, g, PGE
754	Lundin Mining Exploration Ltd	20/02/87	Laois	27,28,33,34	Bm, b, s
786	Boliden Tara Mines Ltd	01/05/91	Limerick	21,30	Bm, b, s
930	Gary R Brown	25/09/06	Galway	49,50,62,63	Bm, s
934	Gary R Brown	21/12/05	Galway	63,64,76,77	Bm, s
1022	Oriel Selection Trust	27/04/05	Mayo	72,73,81,82	Bm, b, s, g
1051	Connemara Mining Co. Ltd	28/01/05	Cavan	37,38,41,42	Bm, b, s, g, PGE
1053	Connemara Mining Co. Ltd	28/01/05	Meath	8,9,9A,42	Bm, b, s, g, PGE
1102	Boliden Tara Mines Ltd	01/11/06	Galway	18,19,31,32,46	Bm, b, s, g
1178	Teck Cominco Ireland Ltd	08/08/06	Offaly	4,4A	Bm, b, s, g, PGE
1181	Teck Cominco Ireland Ltd	26/06/06	Westmeath	20,21,27,28	Bm, b, s, g, PGE
1183	Boliden Tara Mines Ltd	10/03/00	Wexford	34,39	Bm, b, s, g
1185	Boliden Tara Mines Ltd	10/03/00	Wexford	35,40	Bm, b, s, g
1188	Boliden Tara Mines Ltd	10/03/00	Wexford	31,35,36	Bm, b, s, g
1190	Boliden Tara Mines Ltd	10/03/00	Wexford	25,31	Bm, b, s, g
1191	Boliden Tara Mines Ltd	10/03/00	Wexford	19,25,26,31,32	Bm, b, s, g
1192	Boliden Tara Mines Ltd	10/03/00	Wexford	20,21,26,27,32	Bm, b, s, g
1193	Boliden Tara Mines Ltd	10/03/00	Wexford	19,20,26	Bm, b, s, g
1194	Boliden Tara Mines Ltd	10/03/00	Wexford	20,26	Bm, b, s, g
1196	Boliden Tara Mines Ltd	10/03/00	Wexford	15,20	Bm, b, s, g
1197	Boliden Tara Mines Ltd	10/03/00	Wexford	15,16,20,21	Bm, b, s, g

PL	Licensee	Start	County	O.S. 6"	Minerals
1198	Boliden Tara Mines Ltd	10/03/00	Wexford	10,11,15,16	Bm, b, s, g
1199	Boliden Tara Mines Ltd	10/03/00	Wexford	11,16	Bm, b, s, g
1200	Boliden Tara Mines Ltd	10/03/00	Wexford	6,7,11,12,16,17	Bm, b, s, g
1201	Boliden Tara Mines Ltd	10/03/00	Wexford	7,11,12,17	Bm, b, s, g
1244	Exploration & Discovery Ltd.	23/07/07	Westmeath	24, 25, 31, 32	Bm, b, s
1245	El Nino Ventures Inc.	21/09/07	Westmeath	9, 14	Bm, b, s
1302	Boliden Tara Mines Ltd	28/06/94	Limerick	29,37	Bm, b, s
1303	Connemara Mining Co. Ltd	13/04/05	Limerick	36,37,44,45	Bm, b, s, g, PGE
1322	Boliden Tara Mines Ltd	16/12/05	Meath	29,35	Bm, b, s, g
1323	Boliden Tara Mines Ltd	16/12/05	Meath	29,35,36	Bm, b, s, g
1324	Boliden Tara Mines Ltd	16/11/95	Meath	24,30,36	Bm, b, s
1325	Boliden Tara Mines Ltd	16/12/05	Meath	36,37	Bm, b, s, g
1339	Boliden Tara Mines Ltd	16/12/05	Meath	35,36,41,42	Bm, b, s, g
1341	Boliden Tara Mines Ltd	12/01/07	Offaly	9,10,17,18	Bm, b, s, g
1343	Boliden Tara Mines Ltd	01/11/06	Offaly	17,18	Bm, b, s, g
1344	Teck Cominco Ireland Ltd	30/11/05	Westmeath	2,5,6,11	Bm, b, s, g, PGE
1345	Teck Cominco Ireland Ltd	30/11/05	Westmeath	6,10,11,18	Bm, b, s, g, PGE
1346	Teck Cominco Ireland Ltd	30/11/05	Westmeath	6,11,18	Bm, b, s, g, PGE
1347	Teck Cominco Ireland Ltd	30/11/05	Westmeath	6,7,11,12	Bm, b, s, g, PGE
1351	Teck Cominco Ireland Ltd	30/11/05	Westmeath	12,13	Bm, b, s, g, PGE
1352	Teck Cominco Ireland Ltd	30/11/05	Westmeath	12,13,19,20	Bm, b, s, g, PGE
1353	Exploration & Discovery Ltd.	23/07/07	Westmeath	18, 19, 25, 26	Bm, b, s
1356	Conroy Diamonds &Gold Plc	23/01/98	Monaghan	15,20	Bm, b, s, g, antimony
1357	Conroy Diamonds &Gold Plc	23/01/98	Monaghan	15,20	Bm, b, s, g, antimony
1380R	Boliden Tara Mines Ltd	31/12/70	Meath	24,25,30,31	Bm, b, s, g
1383	Teck Cominco Ireland Ltd	20/02/06	Westmeath	2,6	Bm, b, s, g, PGE
1384	Exploration & Discovery Ltd.	08/08/07	Westmeath	1, 2, 3	Bm, b, s
1385	Teck Cominco Ireland Ltd	20/02/06	Westmeath	2,3,6,7,12	Bm, b, s, g, PGE
1406	Teck Cominco Ireland Ltd	31/01/06	Westmeath	19,20,26,27	Bm, b, s, g, PGE
1431	Aurum Mineral Resources	30/03/07	Galway	12,25,38,39	S, g
1440R	Westland Exploration Ltd	23/10/72	Meath	17,18,24,25	Bm, b, s
1457	Fractore Pty Ltd	18/04/07	Limerick	41,49,50	Bm, b, s
1473	Aurum Mineral Resources Ltd & Ormonde Mining Plc	28/06/06	Wicklow	38,39,43	Bm, s, g, PGE
1489R	Boliden Tara Mines Ltd	26/10/70	Meath	18,25,26,31	Bm, b, s, g
1496	Rennicks and Bennett Ltd	16/08/71	Meath	17,18,24,25	Bm, b, s
1500	BHP World Exploration Inc	14/12/95	Meath	41,42,47,48	Bm, b, s,
1583	Boliden Tara Mines Ltd	01/05/91	Limerick	11,12,20,21,29,30	Bm, b, s
1586	Boliden Tara Mines Ltd & Aurum Mineral resources	06/06/04	Longford	6,7,10,11	Bm, b, s, g
1587	El Nino Ventures Inc	21/09/07	Longford	10, 11, 15, 16	Bm, b, s
1588	El Nino Ventures Inc	21/09/07	Longford	9, 10, 14, 15	Bm, b, s
1597	Kenmare Resources Plc	30/09/02	Carlow	24,25,26	Caesium,lithium, niobium, tin, tantalum, tungsten
1604	Lundin Mining Exploration Ltd	17/06/98	Kildare	9,10,13,14	Bm, b, s, g
1607	Lundin Mining Exploration Ltd	17/06/98	Kildare	12,17,18	Bm, b, s, g
1640	El Nino Ventures Inc	22/09/07	Laois	4, 5, 8, 9	Bm, b, s
1652	Amcorp Ireland Ltd	28/05/87	Laois	22,23,28,29	Bm, b, s

PL	Licensee	Start	County	O.S. 6"	Minerals
1653	Westland Exploration Ltd	22/02/83	Laois	22,28,34	Bm, b, s
1661R	Boliden Tara Mines Ltd	31/12/71	Meath	25	Bm, b, s, g
1663	Boliden Tara Mines Ltd	11/05/07	Roscommon	18, 23, 24, 29, 30	Bm, b, s, g
1665	Boliden Tara Mines Ltd	11/05/07	Roscommon	23, 24, 29, 30, 36	Bm, b, s, g
1675	Boliden Tara Mines Ltd & Aurum Mineral Resources Ltd	30/06/04	Leitrim	29,33,36	Bm, b, s, g
1680	Boliden Tara Mines Ltd	13/11/06	Roscommon	25,31,31A,32	Bm, b, s, g
1715	Aurum Mineral Resources Ltd & Ormonde Mining Plc	28/06/06	Wicklow	33,34,38,39	Bm, s, g, PGE
1716	Aurum Mineral Resources Ltd & Ormonde Mining Plc	28/06/06	Wicklow	34,38,39,43,44	Bm, s, g, PGE
1813	Boliden Tara Mines Ltd	10/03/00	Wexford	3,6,7,7A,7B,12	Bm, b, s, g
1870	Conroy Diamonds & Gold Plc	10/04/97	Monaghan	14,15,19,20	Bm, b, s, g
1940	Connemara Mining Co. Ltd	13/04/05	Cork	1,2,3	Bm, b, s, g, PGE
1942	Connemara Mining Co. Ltd	13/04/05	Limerick	29,37	Bm, b, s, g, PGE
1943	Connemara Mining Co. Ltd	13/04/05	Limerick	37,38,45	Bm, b, s, g, PGE
1946	Connemara Mining Co. Ltd	13/04/05	Limerick	37,38,45,46	Bm, b, s, g, PGE
1947	Connemara Mining Co. Ltd	13/04/05	Limerick	38,39,46,47	Bm, b, s, g, PGE
1948	Boliden Tara Mines Ltd	11/07/02	Limerick	39,47	Bm, b, s, g
1949	Boliden Tara Mines Ltd	27/05/87	Limerick	39,40,47,48,55	Bm, b, s
1991	Connemara Mining Co. Ltd	28/01/05	Meath	8,9,14,15	Bm, b, s, g, PGE
2026	Fractore Pty Ltd	18/04/07	Tipperary	60,67,68	Bm, b, s
2027	Fractore Pty Ltd	18/4/07	Tipperary	60,61,68,69	Bm, b, s
2029	Connemara Mining Co. Ltd	31/01/05	Kerry	46,47,57	Bm, b, s, g, PGE
2062	Teck Cominco Ireland Ltd	26/06/06	Offaly	2,3,4,7,11,12	Bm, b, s, g, PGE
2096	Teck Cominco Ireland Ltd	25/01/06	Galway	85,86,97,98	Bm, b, s, g, PGE
2097	Teck Cominco Ireland Ltd	25/01/06	Galway	96,97,105	Bm, b, s, g, PGE
2100	Teck Cominco Ireland Ltd	25/01/06	Galway	98,99,106,107	Bm, b, s, g, PGE
2103	Teck Cominco Ireland Ltd	08/03/07	Roscommon	50,51,53,54,56	Bm, b, s, g, PGE
2140	Conroy Diamonds & Gold Plc	27/09/00	Cavan	16,17,21,22	Bm, b, s, g
2193	Conroy Diamonds & Gold Plc	23/01/98	Monaghan	19,20,24,25	Bm, b, s, g
2194	Conroy Diamonds & Gold Plc	11/07/96	Monaghan	10,14	Bm, b, s, g
2218	Amcorp Ireland Ltd	28/05/87	Laois	23,29	Bm, b, s
2239	Minco Ireland Ltd	28/07/03	Wicklow	40,45	Bm, b, s, g
2254	Conroy Diamonds & Gold Plc	23/01/98	Monaghan	9,10	Bm, b, s, g, antimony
2258	Amcorp Ireland Ltd	28/05/87	Tipperary	29,30,35,36	Bm, b, s
2290	Belmore Resources Holdings	20/06/07	Donegal	74, 75, 83, 84	Bm, b, s, g, PGE
2295	Aurum Mineral resources	30/06/04	Galway	12,25	S, g
2447	Amcorp Ireland Ltd	28/05/87	Tipperary	29,35,36,41	Bm, b, s
2448	Amcorp Ireland Ltd	28/05/87	Tipperary	35,36,41,42	Bm, b, s
2520	Boliden Tara Mines Ltd	01/11/06	Galway	32,33,46,47	Bm, b, s, g
2522	Boliden Tara Mines Ltd	01/11/06	Offaly/Laois	1,18,25,26	Bm, b, s, g
2529	Minco Ireland Ltd	06/12/96	Limerick	14,15,23,24	Bm, b, s
2530	Minco Ireland Ltd	13/11/95	Limerick	15,23,24	Bm, b, s
2531	Connemara Mining Co. Ltd	28/04/06	Limerick	23,24,32	Bm, b, s, g, PGE
2533	Exploration & Discovery Ltd.	19/09/07	Galway	117, 118, 126, 127	Bm, b, s
2537	Boliden Tara Mines Ltd	01/11/06	Offaly	11,19	Bm, b, s, g
2538	Boliden Tara Mines Ltd	01/11/06	Offaly	11,12,19	Bm, b, s, g
2539	Teck Cominco Ireland Ltd	08/08/06	Offaly	4,11	Bm, b, s, g, PGE

<b>PL</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
2540	Teck Cominco Ireland Ltd	08/08/06	Meath	46,47,52	Bm, b, s, g, PGE
2560	Boliden Tara Mines Ltd	01/11/06	Offaly	29,29A,30,35	Bm, b, s, g
2568	Boliden Tara Mines Ltd	01/11/06	Tipperary	2,5,8	Bm, b, s, g
2579	Lundin Mining Exploration Ltd	17/04/06	Limerick	11,20	Bm, b, s, g
2594	Connemara Mining Co. Ltd	13/04/05	Limerick	44,45,53	Bm, b, s, g, PGE
2638	Connemara Mining Co. Ltd	31/01/05	Limerick	13,14,22,23,31	Bm, b, s, PGE
2645	Aurum Mineral Resources Ltd	30/06/04	Mayo	116a,117,120,120a	S, g
2646	Aurum Mineral Resources Ltd	30/06/04	Galway	12,13,25	S, g
2647	Aurum Mineral Resources Ltd	30/06/04	Galway	12,13,25,26	S, g
2655	Fractore Pty Ltd	18/04/07	Tipperary	66,67,73	Bm, b, s
2666	Boliden Tara Mines Ltd	30/03/07	Roscommon	36,39,40,41,42	Bm, b, s, g
2670	Minco Ireland Ltd	25/11/85	Offaly	35,36,38,39	Bm, b, s
2671R	Lundin Mining Exploration Ltd	12/08/98	Offaly	30,31,35,36	Bm, b, s
2674	Boliden Tara Mines Ltd	12/01/07	Westmeath	32,33,38,39	Bm, b, s, g
2683	Conroy Diamonds & Gold Plc	15/07/96	Monaghan	9,10,13,14	Bm, b, s, g
2689	Exploration & Discovery Ltd.	19/09/07	Galway / Clare	123, 124, 129 / 12, 13	Bm, b, s
2696	Lundin Mining Exploration Ltd	28/02/06	Limerick	4,12	Bm, b, s, g
2700	Boliden Tara Mines Ltd	01/11/06	Galway	20,33,47	Bm, b, s, g
2702	Boliden Tara Mines Ltd	01/11/06	Offaly	17,18,25,26	Bm, b, s, g
2747	Boliden Tara Mines Ltd	01/11/06	Laois	1,2,2A,3	Bm, b, s, g
2748	Boliden Tara Mines Ltd	01/11/06	Laois	1,1A,3,4,8	Bm, b, s, g
2760	Teck Cominco Ireland Ltd	25/01/06	Galway	97,98,105,106	
2781	Boliden Tara Mines Ltd	01/11/06	Offaly	15,16,23,24	Bm, b, s, g
2782	Boliden Tara Mines Ltd	01/11/06	Offaly	16,17,24	Bm, b, s, g
2788	Boliden Tara Mines Ltd	30/03/07	Roscommon	20,21,26,27	Bm, b, s, g
2827	Conroy Diamonds & Gold Plc	27/09/00	Cavan	24,25,30,31	Bm, b, s, g
2835	Lundin Mining Exploration Ltd	28/02/06	Limerick	4,11,12,20,21	Bm, b, s, g
2839	Aurum Mineral Resources Ltd	27/05/04	Limerick Tipperary	33 57,58,65,66	Bm, b, s, g
2840	Lundin Mining Exploration Ltd	19/12/86	Limerick Tipperary	24,25,32,33,33a 57	Bm, b, s, g
2845	Connemara Mining Co. Ltd	13/04/05	Limerick	28,36	Bm, b, s, g, PGE
2859	Lundin Mining Exploration Ltd	17/08/81	Offaly	31,32,36,37,39	Bm, b, s
2861	Boliden Tara Mines Ltd	01/11/06	Offaly	23,24,31,32	Bm, b, s, g
2872	Exploration & Discovery Ltd	23/07/07	Limerick	2, 3, 10, 11	Bm, b, s, g
2887	Boliden Tara Mines Ltd	01/11/06	Galway	45,46,59,60	Bm, b, s, g
2927	Connemara Mining Co. Ltd	31/01/05	Limerick	13,22,31	Bm, b, s, PGE
3027	Conroy Diamonds & Gold Plc	20/08/98	Monaghan	19,24,25	Bm, b, s, g, antimony
3028	Conroy Diamonds & Gold Plc	15/07/96	Monaghan	13,14,18,19	Bm, b, s, g
3029	Aurum Mineral Resources Ltd & Ormonde Mining Plc	28/06/06	Wicklow	34,35,39	Bm, s, g, PGE
3030	Aurum Mineral Resources Ltd & Ormonde Mining Plc	28/06/06	Wicklow	29,30,34,35	Bm, s, g, PGE

<b>PL</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3059	Boliden Tara Mines Ltd	30/03/07	Roscommon	35,39	Bm, b, s, g
3065	Conroy Diamonds & Gold Plc	28/08/98	Monaghan	12,13,17,18	Bm, b, s, g, antimony
3066	Conroy Diamonds & Gold Plc	28/08/98	Monaghan	13,18	Bm, b, s, g, antimony
3068	Conroy Diamonds & Gold Plc	27/09/00	Monaghan	17,18,22,23	Bm, b, s, g, Gems
3115	Minco Ireland Ltd	25/11/85	Offaly	35	Bm, b, s
3130	Conroy Diamonds & Gold Plc	27/11/96	Cavan	21,25,26	Bm, b, s, g
3131	Conroy Diamonds & Gold Plc	27/09/00	Cavan	21,26	Bm, b, s, g
3145	Aurum Mineral Resources Ltd	30/03/07	Galway	25,26,38,39,40	S, g
3147	Boliden Tara Mines Ltd	01/11/06	Laois	2,2A,6A	Bm, b, s, g
3152	Teck Cominco Ireland Ltd	31/01/06	Westmeath	13,14,20,21	Bm, b, s, g, PGE
3163	Teck Cominco Ireland Ltd	08/03/07	Roscommon	51,52,54,55,56	Bm, b, s, g, PGE
3169	Aurum Mineral Resources Ltd	30/06/04	Galway	25,26	S, g
3170	Aurum Mineral Resources Ltd	30/06/04	Galway	26,27,39	S, g
3220	Mineral Estates (Ireland) Ltd	18/09/96	Dublin	4,5,8	Bm, b, s, g
3232	Teck Cominco Ireland Ltd	02/11/06	Westmeath	19,26,27	Bm, b, s, g, PGE
3245R	Lundin Mining Exploration Ltd	19/12/86	Kilkenny	3,7,8,12	Bm, b, s, g
3246	Kellys of Fantane	28/02/06	Tipperary	36,42,43,43A,48,49	Dolomitic Limestone
3248	Boliden Tara Mines Ltd	30/03/07	Roscommon	39,40,41,42,43,44,45,46	Bm, b, s, g
3249	Boliden Tara Mines Ltd	27/05/87	Limerick	39,40,47,48,55	Bm, b, s
3262R	Amcorp Ireland Ltd	28/05/87	Tipperary	30,36,42	Bm, b, s
3264	Boliden Tara Mines Ltd	10/03/00	Wexford	16,20,21,27	Bm, b, s, g
3266	Boliden Tara Mines Ltd	01/11/06	Offaly	24,25	Bm, b, s, g, PGE
3267	Aurum Mineral Resources Ltd	28/06/06	Limerick	31,32,39,40	Bm, b, s, g
3268	Minco Ireland Ltd	08/11/91	Limerick	15,16,24,25	Bm, b, s
3270	Conroy Diamonds & Gold Plc	27/09/00	Cavan	19,20,24,25	Bm, b, s, g
3312	Lundin Mining Exploration Ltd	04/08/87	Laois	29,34,35	Bm, b, s
3313	Lundin Mining Exploration Ltd	04/08/87	Kilkenny	3,8,9,12	Bm, b, s
3319	Fractore Pty Ltd	18/04/07	Tipperary	59,60,67	Bm, b, s
3324	Boliden Tara Mines Ltd	16/12/05	Westmeath	13,14,21	Bm, b, s, g
3342	Noranda Exploration Ireland Ltd	21/05/99	Limerick	15,16,24	Bm, b, s
3344	Noranda Exploration Ireland Ltd	25/05/99	Limerick	6,14,15	Bm, b, s
3345	Ormonde Brick Ltd	14/09/98	Kilkenny	6	Coal, Fireclay
3346	Boliden Tara Mines Ltd	16/12/05	Meath	23,24,29,30,35,36	Bm, b, s, g
3363	Boliden Tara Mines Ltd & Aurum Mineral Resources Ltd	19/05/88	Longford	4,5,8,9	Bm, b, s, g
3364	Boliden Tara Mines Ltd	30/06/04	Longford	5,6,9,10	Bm, b, s, g
3367	Connemara mining Co. Ltd	31/01/05	Limerick	22,30,31,38,39	Bm, b, s, PGE
3368	Boliden Tara Mines Ltd	27/04/88	Limerick	21,22,30,31	Bm, b, s
3369	Boliden Tara Mines Ltd	27/04/88	Limerick	21,30,31	Bm, b, s

<b>PL</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3373	Boliden Tara Mines Ltd	01/03/93	Meath	11,16,17,23,24	Bm, b, s
3374	Teck Cominco Ireland Ltd	08/08/06	Kildare	48,50,51,53,54	Bm, b, s, g, PGE
3400	Conroy Diamonds & Gold Plc	27/11/96	Cavan	25,26,31,32	Bm, b, s, g
3414	Conroy Diamonds & Gold Plc	27/09/00	Cavan	30,31,37,38	Bm, b, s, g
3421	Fractore Pty Ltd	18/04/07	Tipperary	67,68	Bm, b, s
3422	Aurum Mineral Resources Ltd	30/06/04	Galway	27	S, g
3429	Boliden Tara Mines Ltd	01/11/06	Galway	19,32,33,46	Bm, b, s, g
3431	Minco Ireland Ltd	30/05/05	Limerick	1,6,14	Bm, b, s, PGE
3432	Boliden Tara Mines Ltd	01/11/06	Offaly	24,25,25A,32	Bm, b, s, g
3436	Boliden Tara Mines Ltd	11/05/07	Roscommon	35, 36, 39, 40	Bm, b, s, g
3460	Teck Cominco Ireland Ltd	08/03/07	Roscommon	51,52,54,55,56	Bm, b, s, g, PGE
3463	Boliden Tara Mines Ltd	10/03/00	Wexford	39,40,44	Bm, b, s, g
3464	Boliden Tara Mines Ltd	10/03/00	Wexford	34,35,39,40	Bm, b, s, g
3465	Boliden Tara Mines Ltd	10/03/00	Wexford	30,34,35	Bm, b, s, g
3466	Boliden Tara Mines Ltd	10/03/00	Wexford	30,31,35	Bm, b, s, g
3467	Aurum Mineral Resources Ltd	30/06/04	Mayo	120,120b,121,123	S, g
3469	Conroy Diamonds & Gold Plc	27/09/00	Monaghan	17,22	Bm, b, s, g
3470	Boliden Tara Mines Ltd	13/11/06	Galway	4,5,6,17	Bm, b, s, g
3471	Boliden Tara Mines Ltd	13/11/06	Galway	1,5,6,17,18	Bm, b, s, g
3474	Teck Cominco Ireland Ltd	24/02/06	Roscommon	48,50,51,53,54	Bm, b, s, g, PGE
3475	Boliden Tara Mines Ltd	01/11/06	Offaly	1,4,21,29	Bm, b, s, g
3476	Teck Cominco Ireland Ltd	31/01/06	Tipperary	3,4,6,7	Bm, b, s, g, PGE
3477	Teck Cominco Ireland Ltd	31/01/06	Tipperary	1,3,4	Bm, b, s, g, PGE
3488	Boliden Tara Mines Ltd	02/05/88	Limerick	11,19,20,28,29	Bm, b, s
3489	Boliden Tara Mines Ltd	02/05/88	Limerick	11,20,29	Bm, b, s
3507	Boliden Tara Mines Ltd	01/11/06	Galway	108,109,118	Bm, b, s, g
3508	Central Mining Finance	16/11/98	Clare	43,51,52	Bm, b, s, Calcite Fluorite
3522	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	26,27,30,31	Bm, b, s, g, PGE
3523	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	26,27,30	Bm, b, s, g, PGE
3524	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	22,23,26,27	Bm, b, s, g, PGE
3526	Conroy Diamonds & Gold Plc	27/09/00	Cavan	36,37,41	Bm, b, s, g
3527	Exploration & Discovery Ltd	23/07/07	Longford	23, 24, 27	Bm, b, s
3528	Exploration & Discovery Ltd	23/07/07	Westmeath	10, 17	Bm, b, s
3529	Exploration & Discovery Ltd	23/07/07	Westmeath	10, 11, 17, 18	Bm, b, s
3530	Exploration & Discovery Ltd	23/07/07	Westmeath	17, 18, 24, 25	Bm, b, s
3531	Exploration & Discovery Ltd	23/07/07	Westmeath	16, 17, 23, 24	Bm, b, s
3535	Exploration & Discovery Ltd	09/07/07	Cork	16, 17, 24, 25	Bm, b, s, g
3536	Exploration & Discovery Ltd	09/07/07	Cork	16, 17, 24, 25	Bm, b, s, g
3537	Exploration & Discovery Ltd	09/07/07	Cork	16, 17, 24, 25	Bm, b, s, g
3538	Exploration & Discovery Ltd	09/07/07	Cork	16, 17, 24	Bm, b, s, g

<b>PL</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3544	Lundin Mining Exploration Ltd	28/02/06	Limerick	9,10,18,19	Bm, b, s, g
3545	Ovoca Gold Plc	11/02/99	Limerick	19,28	Bm, b, s
3549	Boliden Tara Mines Ltd	01/11/06	Kildare	3,7,8,12	Bm, b, s, g
3562	Conroy Diamonds & Gold Plc	27/09/00	Cavan	20,21,25,26	Bm, b, s, g
3563	Conroy Diamonds & Gold Plc	27/09/00	Cavan	15,26,20,21	Bm, b, s, g
3564	Conroy Diamonds & Gold Plc	27/09/00	Cavan	12,16,17,21	Bm, b, s, g
3572	Conroy Diamonds & Gold Plc	03/09/07	Cavan	6, 7, 9	Bm, b, s, g, Gem minerals
3575	Teck Cominco Ireland Ltd	26/06/06	Westmeath	20,26,27,34	Bm, b, s, g, PGE
3576	Teck Cominco Ireland Ltd	26/06/06	Westmeath	20,27,28,34	Bm, b, s, g, PGE
3581	Boliden Tara Mines Ltd	29/07/02	Limerick	32,33,40,41	Bm, b, s, g
3582	Boliden Tara Mines Ltd	29/07/02	Limerick	40,41,48,49	Bm, b, s, g
3583	Exploration & Discovery Ltd	23/07/07	Westmeath	25, 32	Bm, b, s
3608	Lundin Mining Exploration Ltd	17/04/06	Limerick	10,11,19,20	Bm, b, s, g
3622	Boliden Tara Mines Ltd	16/12/05	Meath	30,31,36,37	Bm, b, s, g
3628	Boliden Tara Mines Ltd & Aurum Mineral Resources Ltd	30/06/04	Longford	2,5,9	Bm, b, s, g
3629	Boliden Tara Mines Ltd & Aurum Mineral Resources Ltd	30/06/04	Longford	2,3,5,6	Bm, b, s, g
3630	Boliden Tara Mines Ltd & Aurum Mineral Resources Ltd	30/06/04	Longford	3,5,6,10	Bm, b, s, g
3634	Teck Cominco Ireland Ltd	15/12/05	Longford	9,14	Bm, b, s, g, PGE
3636	Teck Cominco Ireland Ltd	08/08/06	Meath	35,40,41,42,47	Bm, b, s, g, PGE
3637	Boliden Tara Mines Ltd	13/11/06	Galway Roscommon	1,6,25,32,33	Bm, b, s, g
3638	Boliden Tara Mines Ltd	16/12/05	Westmeath	8,9,13,14	Bm, b, s, g
3642	Belmore Resources Holdings	30/09/05	Clare	42,51,61	Bm, b, s, g
3643	Central Mining Finance	25/05/99	Clare	34,35,42,43,51,52	Bm, b, s
3645	Teck Cominco Ireland Ltd	14/03/07	Tipperary Kilkenny	26,30,63,64,71,74	Bm, b, s, g, PGE
3646	Teck Cominco Ireland Ltd	14/03/07	Tipperary	63,70,71	Bm, b, s, g, PGE
3647	Minco Ireland Ltd	08/11/91	Tipperary Limerick	50,51 25	Bm, b, s
3650	Connemara Mining Co. Ltd	13/04/05	Limerick	35,36,43,44	Bm, b, s, g, PGE
3651	Connemara Mining Co. Ltd	13/04/05	Limerick	44,45,53,54	Bm, b, s, g, PGE
3667	Amcorp Ireland Ltd	28/07/91	Laois	28,29,34,35	Bm, b, s
3668	Minco Ireland Ltd	20/01/92	Tipperary Offaly	14,16,20,21 44	Bm, b, s
3679	Clare Calcite Ltd	27/10/91	Clare	34,42	Calcite
3679	Belmore Resources Holdings	19/12/05	Clare	34,42	Bm, b, s, g
3688	Amcorp Ireland Ltd	09/01/97	Laois	29,30,35	Bm, b, s
3692	Exploration & Discovery Ltd	19/09/07	Galway	114, 122, 123, 129	Bm, b, s
3705	Fractore Pty Ltd	18/04/07	Limerick Tipperary	41,49,50,63,73,74	Bm, b, s
3742	Boliden Tara Mines Ltd	01/11/06	Galway	32,45,46	Bm, b, s, g

PL	Licensee	Start	County	O.S. 6"	Minerals
3744	Boliden Tara Mines Ltd	30/03/07	Roscommon	34,38,38A39	Bm, b, s, g
3746	Boliden Tara Mines Ltd	30/03/07	Roscommon	20,26,27,34	Bm, b, s, g
3754	Boliden Tara Mines Ltd	11/05/07	Roscommon	34, 35, 38, 39	Bm, b, s, g
3757	Boliden Tara Mines Ltd	13/11/06	Galway	6,7,18,19	Bm, b, s, g
3759	Boliden Tara Mines Ltd	30/03/07	Roscommon	25,26,32,33	Bm, b, s, g
3760	Boliden Tara Mines Ltd	30/03/07	Roscommon	20,26,33	Bm, b, s, g
3763	Boliden Tara Mines Ltd	30/03/07	Roscommon	12,14,15,19,20,21	Bm, b, s, g
3774	Oriel Selection Trust Ltd	27/04/05	Mayo	72,81,102	Bm, b, s, g
3777	Connemara Mining Co. Ltd	17/04/06	Kildare	19,20,24,25,25a,29	Bm, b, s, g
3781	Boliden Tara Mines Ltd	30/03/07	Galway Roscommon	19,20,32,33,38,38A,39,41	Bm, b, s, g
3782	Fractore Pty	11/07/02	Tipperary	58,59,66,67	Bm, b, s
3787	Central Mining Finance	08/06/94	Clare	26,27,33,34,42	Bm, b, s
3788	Central Mining Finance	08/06/94	Clare	19,26,27,34,35	Bm, b, s, calcite fluorite
3789	Central Mining Finance	08/06/94	Clare	35,43	Bm, b, s
3809	Aurum Mineral Resources Ltd	28/06/06	Clare	12,13,19,20,28	Bm, b, s, g
3810	Aurum Mineral Resources Ltd	28/06/06	Clare	19,27	Bm, b, s, g
3822	Boliden Tara Mines Ltd	10/03/00	Wexford		Bm, b, s, g
3824	Aurum Mineral Resources Ltd	27/05/04	Limerick	31,32	Bm, b, s, g
3828	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	18,19,22,23	Bm, b, s, g, PGE
3829	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	18,22,23,26	Bm, b, s, g, PGE
3840	Teck Cominco Ireland Ltd	25/01/06	Galway	98,105,106	Bm, b, s, g, PGE
3848	Boliden Tara Mines Ltd	30/03/07	Roscommon	39,41,44	Bm, b, s, g
3849	Jadebay Ltd	11/06/98	Wicklow	30,31,35,36,40	Bm, b, s, g
3850	Jadebay Ltd	11/06/98	Wicklow	30,35,40	Bm, b, s, g
3851	Boliden Tara Mines Ltd	30/04/01	Meath	17,23,24,30	Bm, b, s
3852	Boliden Tara Mines Ltd	16/12/05	Meath	23,24,29,39	Bm, b, s, g
3854	Asarco Exploration Inc	31/10/00	Offaly	26,27,33	Bm, b, s
3857	Minco Ireland Ltd	28/07/03	Wicklow Wexford	34,35,39,40,44,45 1,2	Bm, b, s, g
3858	Ovoca Gold Plc	17/01/97	Limerick	27,28,35,36,43	Bm, b, s, g
3859	Ovoca Gold Plc	17/01/97	Limerick	27,28,36	Bm, b, s, g
3863	Central Mining Finance	21/05/97	Clare	18.19.24.26	Bm, b, s, calcite fluorite
3867	Boliden Tara Mines Ltd	01/11/06	Galway	19,32	Bm, b, s, g
3868	Boliden Tara Mines Ltd	01/11/06	Offaly	17,24,25	Bm, b, s, g
3869	Conroy Diamonds & Gold Plc	20/08/98	Monaghan	18,19,23,24	Bm, b, s, g Antimony
3870	Conroy Diamonds & Gold Plc	20/08/98	Monaghan	25,28	Bm, b, s, g Antimony
3871	Conroy Diamonds & Gold Plc	20/08/98	Monaghan	24,25,27,28	Bm, b, s, g Antimony
3887	Oriel Selection Trust Ltd	27/04/05	Mayo	63,72,73	Bm, b, s, g
3891	Dan Morrissey (Ireland) Ltd	27/09/99	Laois	37	Coal, Fireclay
3897	Exploration & Discovery Ltd	19/09/07	Galway	125, 126, 131, 132	Bm, b, s
3898	Exploration & Discovery Ltd	19/09/07	Galway	126, 131, 132	Bm, b, s
3908	Noranda Exploration / Minco Ireland Ltd	17/07/01	Limerick	5,6,13,14	Bm, b, s
3912	Boliden Tara Mines Ltd	19/04/02	Meath	25	Bm, b, s
3923	Boliden Tara Mines Ltd	27/05/04	Limerick	12,13,21,21	Bm, b, s, g

PL	Licensee	Start	County	O.S. 6"	Minerals
3924	Aurum Mineral Resources Ltd	27/05/04	Tipperary Limerick	50,51,58,59 33a	Bm, b, s, g
3925	Connemara Mining Co. Ltd	28/01/05	Meath	9,10,15	Bm, b, s, g, PGE
3926	Connemara Mining Co. Ltd	28/01/05	Meath	9,10,15,16	Bm, b, s, g, PGE
3929	Oriel Selection Trust Ltd	24/04/05	Mayo	72,73,81,82	Bm, b, s, g
3930	Oriel Selection Trust Ltd	27/04/05	Mayo	63,73,74,83	Bm, b, s, g
3931	Dan Morrissey (Ireland) Ltd	27/04/05	Carlow Laois	6 36,37	Coal, Fireclay
3932	Boliden Tara Mines Ltd	16/12/05	Westmeath	8,13	Bm, b, s, g
3934	Teck Cominco Ireland Ltd	24/02/06	roscommon	48,49,51,52	Bm, b, s, g, PGE
3935	Teck Cominco Ireland Ltd	31/01/06	Westmeath	13,19,20	Bm, b, s, g, PGE
3936	Teck Cominco Ireland Ltd	20/02/06	Westmeath	5,6,10,11	Bm, b, s, g, PGE
3937	Teck Cominco Ireland Ltd	26/06/06	Westmeath	26,27,33,34,39	Bm, b, s, g, PGE
3938	Teck Cominco Ireland Ltd	26/06/06	Meath	40,41,46,46s,47	Bm, b, s, g, PGE
3939	Teck Cominco Ireland Ltd	26/06/06	Meath	40,41,46,47	Bm, b, s, g, PGE
3940	Boliden Tara Mines Ltd	12/01/07	Offaly	9,10,18	Bm, b, s, g
3941	Boliden Tara Mines Ltd	12/01/07	Offaly	9,10,18,19	Bm, b, s, g
3942	Boliden Tara Mines Ltd	01/11/06	Offaly	10	Bm, b, s, g
3943	Boliden Tara Mines Ltd	12/01/07	Offaly	3,4,10,11	Bm, b, s, g
3944	Boliden Tara Mines Ltd	12/01/07	Westmeath	26,32,33,39	Bm, b, s, g
3945	Boliden Tara Mines Ltd	12/01/07	Westmeath	26,32,33,38,39	Bm, b, s, g
3946	Boliden Tara Mines Ltd	12/01/07	Offaly Westmeath	3,10,33,39	Bm, b, s, g
3947	Boliden Tara Mines Ltd	12/01/07	Westmeath	38,40	Bm, b, s, g
3948	Boliden Tara Mines Ltd	12/01/07	Westmeath	38,40	Bm, b, s, g
3956	Boliden Tara Mines Ltd	12/01/07	Offaly Westmeath	8,9,16,17,37,40	Bm, b, s, g
3957	Teck Cominco Ireland Ltd	14/03/07	Kilkenny	23,24,27,28	Bm, b, s, g, PGE
3958	V. P. Power	09/08/07	Offshore		Coal
3960	Exploration & Discovery Ltd	19/09/07	Galway	116, 124, 125	Bm, b, s
3961	Exploration & Discovery Ltd	19/09/07	Galway	124, 125, 130	Bm, b, s
3962	Exploration & Discovery Ltd	19/09/07	Galway	116, 117, 125, 126	Bm, b, s
3963	Exploration & Discovery Ltd	19/09/07	Galway	123, 128, 129, 133, 133A	Bm, b, s



# INDUSTRY NEWS

## Recent Developments in Exploration and Mining

### Overview

The base metal mining sector in Ireland continued to benefit during 2007 from high zinc prices. Ireland produces some 40% of European zinc concentrate, and 27% of its lead concentrate. This represents 6% of Western World mine production of zinc, and 3% of lead. Two new Permits were issued for mine extensions at **Boliden Tara Mines, Navan, Co. Meath**.

The top seven zinc producers in the world, between them, account for 35.9% of the world's total production of zinc metal. Four of the top seven companies are active in Ireland viz. Xstrata, Teck Cominco, Anglo American and Boliden. These four, two of whom operate zinc mines in Ireland, account for 19.7% of world production.

Exploration in the immediate vicinity of the three underground zinc-lead mines at Navan, Galmoy and Lisheen continued, and there were further encouraging results from base metal prospects by **Boliden Tara Mines** and the **Xstrata/Minco** joint venture.

The continuing strong zinc prices resulted in a significant increase in the number of Prospecting Licences held, which now total 373.

### Mining

#### Navan

The underground mine of **Boliden Tara Mines** at **Navan, Co Meath**, is the largest zinc mine in Europe, and the sixth largest in the world. High zinc and lead grades coupled with good yields have resulted in higher levels of metals production in the first six months of the year than during the corresponding periods last year. Milled tonnage for the first half of 2007 was 1.33Mt at 8.30% Zn and 1.54% Pb. Production during 2006 amounted to 2.7Mt grading 7.63% Zn and 1.39% Pb. This produced 350,667t of zinc concentrate (54.8% Zn), and 40,347t of lead concentrate (58.5% Pb). Total production (1977-2006) amounts to 65.5Mt grading 8.36% Zn and 2.00% Pb.

At the end of 2006, Tara's JORC Classified Ore Reserves were (a) Proven Reserves of 3.9Mt grading 9.3% Zn and 2.0% Pb, and (b) Probable Reserves of 12.8Mt grading 8.1% Zn and 1.8% Pb. In addition there were Resources (a) Measured, of 0.7Mt at 5.0% Zn and 3.0% Pb, (b) Indicated, of 7.2Mt at 6.0% Zn and 2.4% Pb, and (c) Inferred of 9.2Mt grading 8.0% Zn and 1.8% Pb.

In September, Boliden announced that it will invest €25.5 million in a new autogenous grinding mill at Navan. The investment is expected to cut operating costs for grinding by 50 per cent. Together with previous investments at Tara, e.g. in dewatering, the overall operating costs for the concentrator will be reduced by 30 per cent, according to the company. By replacing the existing crushing and grinding system with a new circuit for

autogenous grinding, Boliden expects also to increase the zinc yield and improve the work environment through noise and dust reduction. The project is scheduled to be concluded by the end of 2009.

## **Galmoy**

Production during 2006 by **Galmoy Mines Ltd.** (a subsidiary of **Lundin Mining**) from its underground zinc-lead mine at **Galmoy**, Co. Kilkenny yielded 0.62Mt (milled ore) grading 11.8% Zn and 3.2% Pb. This resulted in 115,936t of zinc concentrate (51.76% Zn, 59 ppm Ag) and 20,875t of lead concentrate (63.5% Pb, 196 ppm Ag). Total production since start of mining to end 2006 is 5.67Mt at 11.4% Zn and 2.3% Pb.

Production during the first half of 2007 was 216,431 tonnes at mill feed grades of 12.7% Zn, 3.0% Pb and 21 g/t silver. This is some 30% down on first half figures for 2006, and was due in part to a labour dispute, and partly to stope scheduling difficulties. The labour dispute has recently been resolved, and management expect normal production levels to resume.

Reserves at the end of December 2006 were 2.58Mt at 15.00% Zn, 4.3% Pb and 40g/t Ag, with additional Resources (Measured and Indicated) of 1.46Mt at 16.7% Zn, 3.6% Pb and 32g/t Ag. The reduction in proven and probable reserves of 373,000 tonnes (from end 2005) is a consequence of conversion from 2D to 3D block modelling.

Within 200m of the CW orebody at Galmoy, Lundin have recently intersected a new zone of high-grade mineralization, the M Zone, at an approximate depth of 100 metres. In April the company had announced an intersection of 5.34m grading 21.83% Zn and 1.55% Pb. At the end of June, Lundin announced that there had been several more high-grade intersections, the best being 4.03m grading 44.38% Zn and 5.64% Pb. There has not been sufficient drilling to determine the economic viability of the Zone.

## **Lisheen**

During 2006, **Anglo American** produced 1.53Mt of ore grading 12.30% Zn and 2.10% Pb from its underground mine at **Lisheen**, Co. Tipperary. This ore produced 319,494t of zinc concentrate (53.42% Zn) and 37,292t of lead concentrate (62.06% Pb). Total production (1999-2006) is 9.57Mt grading 11.79% Zn and 2.20% Pb.

Reserves at end December 2006 were 11.32Mt grading 11.97% Zn and 1.85% Pb, with additional Resources of 2.25Mt at 13.63% Zn and 2.27% Pb.

## **Knocknacran and Drummond**

**Irish Gypsum**, a part of the **St. Gobain** group of companies, is understood to have continued to perform strongly. In 2006 the company commenced production at its new underground mine at **Drummond**, Co Monaghan, and this will complement its adjacent quarry at **Knocknacran**. Annual production is estimated at 700,000t. Irish Gypsum has obtained Planning Permission for an extension to the Knocknacran open-pit to extract an additional 4.4Mt of gypsum and anhydrite. The gypsum is crushed and blended locally, and provides feed for the company's nearby plaster and plaster-board factory, as well as

supplying the Irish cement industry. Housing output has been easing to a more sustainable long-term pattern as supply and demand come into better balance.

## Exploration

**Connemara Mining Company PLC** ([www.connemaramc.com](http://www.connemaramc.com)) is active in two areas. In Co Limerick (Newcastle West and Monaster) they hold fifteen licences and are in joint venture with Teck Cominco. The latter is currently drilling, and can earn a 75% interest in the licences by spending Can \$3 million. Connemara also has a block of five licences some 20km northwest of Navan (the Lough Sheelin Block ) where, it is expected, drilling will commence in Q4 2007.

**Alba Mineral Resources PLC** ([www.albamineralresources.com](http://www.albamineralresources.com)), a UK junior explorer, listed on AIM in London, is the holding company of **Aurum Mineral Resources Ltd.** Aurum hold a block of ten contiguous licences on the border of Cos Galway and Mayo. This block includes the Bohaun gold showing. Aurum intends to conduct detailed geochemical surveying, followed by drilling, if results are sufficiently encouraging. Aurum also holds six licences jointly with Boliden in Cos Longford and Leitrim (Lough Gowna), where the focus is on gold in quartz-pebble conglomerates.

**Boliden Tara Mines** ([www.boliden.com](http://www.boliden.com)) continued its regional exploration in Co Limerick, comprising geophysics (including down-hole EM), geochemistry and drilling in both the Adare and Kilmallock blocks. Drilling is continuing, where two rigs are in operation. In Co Wexford, the exploration effort has involved a major geological review of the Ordovician volcanic belt, aided by VMS specialists from Sweden, followed by ground EM. Diamond drilling in this area has also been carried out. Following a decision by Boliden to expand regional exploration in both Sweden and Ireland, the company made a major successful application for 43 additional Prospecting Licences in 2006, and were issued a further 31 licences in 2007.

**Lundin Mining Exploration Limited** ([www.lundinmining.com](http://www.lundinmining.com)), in addition to their mine-site exploration, has been carrying out exploration drilling at Rapla, approx. 6km northeast of the Galmoy Mine, and 500 metres southwest of the known Rapla prospect. The first of six holes to be drilled intersected semi-massive to massive sulphide mineralization over 3.62m (545m depth), grading 9.79% Zn and 1.99% Pb. This included 1.92m grading 15.71% Zn and 3.64% Pb. In Keel, Co Longford, Lundin completed compilation and reinterpretation of historic exploration data, and this was followed by a programme of surface geophysical surveying (IP and Gravity).

In September, **Minco PLC** ([www.minco.ie](http://www.minco.ie)) announced further results from its joint venture project with Xstrata (24% : 76%) at Pallas Green in Co Limerick. The recent results, from the Tobermalug area, include 5.25m at 10.21% Zn, 1.64% Pb (at 445m depth) and 10.80m at 6.62% Zn and 0.50% Pb at 379m depth. The recent drilling, according to a company press release, demonstrates continuous mineralization over a north-south distance of two kilometres. Five rigs are drilling in the vicinity of Tobermalug.

## Prospecting Licence Information

Since 1st January 2007, 96 Prospecting Licences have been issued. The bulk of these are for base metals, barytes and silver. However, some licences include additional minerals. **Aurum Mineral Resources** were granted two licences in Co, Galway, northwest of Lough Corrib, and adjacent to a block of ground already held by the company. The primary interest is gold. **Belmore Resources Holdings** were granted two licences in south Donegal, east of Ardara, where there is known base metal mineralization. **Boliden Tara Mines** received thirty one licences, in all of which the main interest is in base metals. The allocation included the following blocks: (a) eleven licences in Westmeath/Offaly, northeast of the town of Tullamore; (b) seven licences north of Roscommon town, essentially centred on the Strokestown Inlier; (c) an adjoining six licences south of Roscommon (Mount Mary); (d) five licences centred on the town of Castlerea in Co Roscommon; and two licences adjacent to Birr, Co Offaly (the Knockshigowna Inlier). **Fractore** were issued with a block of seven licences south of Tipperary town and adjoining ground already held by the company. **Teck Cominco** received eleven licences, a block of eight southwest of Kilkenny city, and a block of three areas in Co Roscommon, between Athlone and Ballinasloe.

**Exploration and Discovery Ltd**, a wholly-owned subsidiary of **Mayfly Resources** ([www.mayflyresources.com](http://www.mayflyresources.com)), was awarded 27 licences including (a) a block of four licences in Co Cork that contain the sub-economic Mallow deposit, (b) two licences south of the Shannon Estuary that cover the Courtbrown mineralization, (c) a block of eight licences in the midlands, immediately west of Mullingar town, (d) another block of three licences in Westmeath, north of Mullingar and (e) an elongate block of ten licences in south Co Galway between the town of Gort in the west and Lough Derg in the east. **El Nino Ventures** ([www.elninoventures.com](http://www.elninoventures.com)) was granted eleven licences, five in Co Longford including a block of three east of Longford town, and two licences southwest of the town. In addition, they received three licences in the north midlands, located between Mullingar and Navan. Joint venture partners **Mincor** ([www.mincor.com](http://www.mincor.com)) and **Fractore** were jointly awarded three licences west of Tipperary town, and adjoining licences held by Fractore.

**Conroy Diamonds and Gold** ([www.conroydiamondsandgold.com](http://www.conroydiamondsandgold.com)) was issued a licence in Co Cavan. The licence includes gem minerals. Finally, a licence for coal was issued to **VP Power** for an area in the Irish Sea off the coast of Dublin and Wicklow. When surrenders are taken into account, 373 licences were current at the end of October.

## Exploration and Mining Expenditures 2006

Based on figures provided by exploration and mining companies, exploration expenditure during the calendar year 2006 totalled €10.87 million. This is 44% ahead of the 2005 figure, when €7.54 million was spent. The €10.87 million is made up of expenditure of €6.91million in Prospecting Licence areas (“greenfield” exploration) and €3.96 million in areas covered by State Mining Facilities (“brownfield” exploration).

The majority of the exploration expenditure in PL areas related to base metal exploration (€6.47m), with a lesser amount spent on gold exploration (€0.43 million). The expenditure on exploration in State Mining Facilities was largely directed at base metals (zinc, lead), with a minority accounted for by exploration for gypsum.

## A. Prospecting Licences

	Base Metals €	Gold €	Other Minerals €	Total €
<i>Activity</i>				
Geology	1,182,233	208,927	0	1,391,160
Geochemistry	512,907	125,254	8,800	646,961
Geophysics	893,994	27,125	0	921,119
Airborne Surveys	8,397	68,365	0	76,762
Drilling	3,621,263	0	0	3,621,263
Trenching	0	0	0	0
Environmental Studies	0	0	0	0
Other Costs (Includes consultancies, data acquisition, report writing, but excludes office overheads.	254,315	0	0	254,315
<b>Total Expenditure (PL Areas)</b>	<b>6,473,109</b>	<b>429,671</b>	<b>8,800</b>	<b>(a) 6,911,580</b>
Irish Office Overheads				826,754

## B. State Mining Facilities (SMFs)

### Exploration Expenditure:

Drilling	<b>3,396,146</b>
All other expenditure	<b>559,875</b>
<b>Total Exploration Expenditure, SMFs</b>	<b>(b) 3,956,021</b>

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

**€10,867,601**

## Drilling statistics

Figures provided by prospecting licence holders indicate that a total of some 23,000 metres of drilling (non mine-related) was carried out during 2006, almost all of it for base metals (zinc, lead). In addition, some 55,000 metres of mine-related exploration drilling was completed. Again, almost all was carried out for base metals, at the three mines, Navan, Lisheen, and Galmoy.

## Exploration Support

In recent years, the Exploration and Mining Division (EMD) has initiated a number of complementary exploration support programmes, which are now maintained on an ongoing basis. The common approach is to provide, free of charge and in digital format, all non-confidential data that is available through the Division, and to provide added value where the opportunity arises.

## Data Availability Programmes

A substantial amount of company exploration data has been made available through these programmes in 2007, both online ([www.minex.ie](http://www.minex.ie)) and on CD/DVD-ROM. Online data is now available for over 40% of the area covered by prospecting licences.

### **Data from Current Licences**

All data over six years old from current prospecting licences are released under this programme. Nine CD/DVDs containing hundreds of exploration company reports dating back to the early 1960s, have been released since 2002.

### **Data from Surrendered Licences**

Exploration data from surrendered licences are released four times a year, when the relevant quarterly Prospecting Licence Competition for newly available ground takes place (see p6).

### **Airborne Geophysics Data Release**

Since 1995, under the EMD ‘open skies’ policy, low level high resolution geophysical surveys have been flown over 59 areas by various companies. Some 35% of the country, largely prospective Lower Carboniferous ground, has been covered. All data is lodged with EMD. Once the four-year confidentiality period has expired, these data are made progressively available to the public. To date over 78% of the coverage has been made available free on CD.

### **Online availability of Company Data**

This programme is driven by a commitment to provide both industry and the general public with as much free information as possible. Thousands of company reports relating to more than 700 PL areas have been uploaded onto the [www.minex.ie](http://www.minex.ie) website. This figure represents more than 40% of the ground covered by PL areas. All exploration data released prior to 2000 can be viewed, free of charge, at the offices of the Geological Survey [www.gsi.ie](http://www.gsi.ie), in Dublin.

### **Digital Prospecting Licence Data**

Digital versions of the Prospecting Licence map are now produced twice a year. All licence data are provided free on CD, enabling clients without access to GIS desktop applications to display the licence data, and determine ground status. The area boundaries can also be downloaded off the [www.minex.ie](http://www.minex.ie) website.

## **New Minerals Bill**

The Minerals Development Act 1940 put in place an effective system for regulating minerals exploration and development (excluding stone, gravel, sand and clay on-shore, which had traditionally been left to the private sector). It has worked reasonably effectively, with technical amendments in 1960, 1995 and 1999, and a substantial change in 1979, when the State’s right to acquire minerals compulsorily was abolished and the right to work almost all minerals was vested in the Minister. Throughout this period major policy elements have not changed.

The 1940 Act (as amended) has been reasonably effective as an instrument for implementing this policy, as evidenced by Ireland’s success in attracting exploration funds and the development of a number of mines since 1940.

Notwithstanding this success, the Government decided to update and consolidate the Minerals Development Acts, and in June 2006 the Government approved the drafting of new legislation. This will address a number of issues raised during consultation with interested stakeholders together with ones identified by the Department.

There was consensus that the basic structure was satisfactory, but a number of issues were identified where the procedures could be made more effective, simplified and/or made more transparent. The more significant include:

- Greater clarity in the level of royalties to be charged;
- Improving the security of tenure in the transition from exploration to mining by restricting the right to apply for a mining licence to holders of a current valid PL over the relevant orebody;
- Modernising the procedures relating to compulsory acquisition of ancillary rights;
- Addressing comprehensively the issue of rehabilitation of closed and especially abandoned former mine sites, while maintaining the obligation on the developer to provide for orderly closure and aftercare of mine sites.

The bill is currently being drafted in the Office of the Attorney General.

## **Rehabilitation of Abandoned Mine Sites**

The Electricity (Miscellaneous Provisions Act) 2006, (Part 9) contained provisions to empower the Minister to prepare rehabilitation and implement rehabilitation plans for abandoned mine sites. This legislation will allow the State to clean up and manage these sites.

Work is under way at the former zinc-lead mines at Silvermines, Co Tipperary, and work to draw up a management plan for the abandoned copper-pyrite mining area at Avoca, County Wicklow is underway.

## **PDAC Convention, Toronto, March 2007**

The 75<sup>th</sup> Annual Convention and Trade show of the Prospectors and Developers Association of Canada (PDAC) was held in Toronto from 4<sup>th</sup> to 7<sup>th</sup> March 2007. The Exploration and Mining Division took its usual stand location at the Trade Show, where we exhibited with the Geological Survey of Ireland and with colleagues from Northern Ireland (Department of Enterprise, Trade and Investment, and the Geological Survey of Northern Ireland), in a combined **Ireland** exhibit.

The PDAC meeting is the biggest of its kind in the world, and this year the attendance figures reached an all-time high of 17,600, eclipsing last year's figure of 14,500. It is expected that Ireland's involvement in the Trade Show will result in an increased interest in exploration in Ireland. Ireland will again be represented at the 2008 Convention in Toronto, which will be held from 2<sup>nd</sup> to 5<sup>th</sup> March.



## **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 1<sup>st</sup> January 2000 on the **www.minex.ie** website. Data relating to over 700 PL areas, including those in the current PL competition, are now available. Please see map on page 25 for coverage of data availability.

## Complete Listing of all Prospecting Licence Areas

All Prospecting Licence areas and State Mining Facilities are listed below. They are sorted by county and in ascending numerical order. Areas in **Bold** have company exploration data available on the EMD website [www.minex.ie](http://www.minex.ie). Areas in plain text may have historic information available from the Geological survey of Ireland. Please contact them via their website [www.gsi.ie](http://www.gsi.ie).

<b>Carlow</b>	3414	<b>3787</b>	2900	3605	2359	3074
	3526	<b>3788</b>	2901	<b>3612</b>	2545	3079
<b>1476</b>	<b>3539</b>	<b>3789</b>	2902	<b>3613</b>	2546	3088
<b>1477</b>	<b>3540</b>	3806	<b>2946</b>	3619	2547	3089
<b>1597</b>	3562	3808	2947	<b>3626</b>	2548	3090
2404	3563	3809	<b>2948</b>	3656	2620	3091
2405	3564	3810	2949	3671	2727	3092
2406	3566	<b>3863</b>	2953	3702	2794	3093
2407	3572		2967	3716	2795	<b>3094</b>
2408	3623	<b>Cork</b>	2983	<b>3717</b>	2796	3095
2409	3624		2998	<b>3718</b>	2798	3118
2410	3625	1554	3010	3723	2799	3119
2411	3631	1780	3011	3733	2800	3120
2832		1786	3012	<b>3741</b>	2801	3121
2930	<b>Clare</b>	<b>1940</b>	3013	3801	2803	3122
<b>2931</b>		2024	3014	3803	2804	3123
<b>3407</b>	11	2033	3033	3804	2810	3128
<b>3411</b>	742	2048	3046	3805	2811	3132
3627	1951	2260	3047	<b>3823</b>	2816	3133
3710	1952	<b>2280</b>	3049	<b>3860</b>	2817	3134
3711	2317	2331	3050	<b>3899</b>	2818	3135
3725	2414	2381	3107	<b>3900</b>	2819	3136
<b>3893</b>	2415	2392	3108	<b>3901</b>	2960	3153
<b>3894</b>	2571	2393	3109	<b>3902</b>	2961	3217
	<b>2590</b>	2394	3110		2962	3224
<b>Cavan</b>	2892	2395	3111	<b>Donegal</b>	<b>2964</b>	3233
	<b>2895</b>	2437	3112		2991	3234
<b>879</b>	2896	2439	3154	1412	2992	3235
<b>1051</b>	2945	2440	3187	1414	<b>3007</b>	3236
<b>1135</b>	3005	2442	3202	2072	<b>3008</b>	3314
<b>1136</b>	3057	2444	3203	2073	<b>3020</b>	3315
<b>1140</b>	3116	2484	3204	2083	3021	3326
<b>1142</b>	3225	2485	3228	2084	<b>3022</b>	3327
1695	3500	2486	3229	2085	<b>3023</b>	3361
1696	3501	2487	3230	2086	<b>3025</b>	3371
1697	3502	2597	3231	2087	<b>3026</b>	3372
2139	3503	<b>2599</b>	3271	2088	<b>3035</b>	<b>3496</b>
2140	3504	<b>2637</b>	3294	2110	3036	3532
2827	3508	2708	<b>3295</b>	2111	3037	3543
<b>2965</b>	3509	2711	3328	2112	<b>3038</b>	3557
2966	<b>3550</b>	2713	<b>3338</b>	2115	<b>3039</b>	<b>3820</b>
2988	<b>3640</b>	2730	3365	2116	<b>3040</b>	<b>3855</b>
<b>3130</b>	<b>3641</b>	2732	3435	2118	<b>3056</b>	<b>3856</b>
3131	<b>3642</b>	2740	<b>3535</b>	<b>2246</b>	<b>3062</b>	3921
3269	3643	2812	<b>3536</b>	<b>2290</b>	<b>3063</b>	3922
3270	3644	2813	<b>3537</b>	2315	3069	3971
3277	<b>3679</b>	<b>2814</b>	<b>3538</b>	2349	3070	2357R
3397	3728	2815	3586	2351	3071	<b>3024R</b>
3398	<b>3729</b>	2897	3587	2354	3072	
<b>3400</b>	3780	2899	3604	2358	3073	

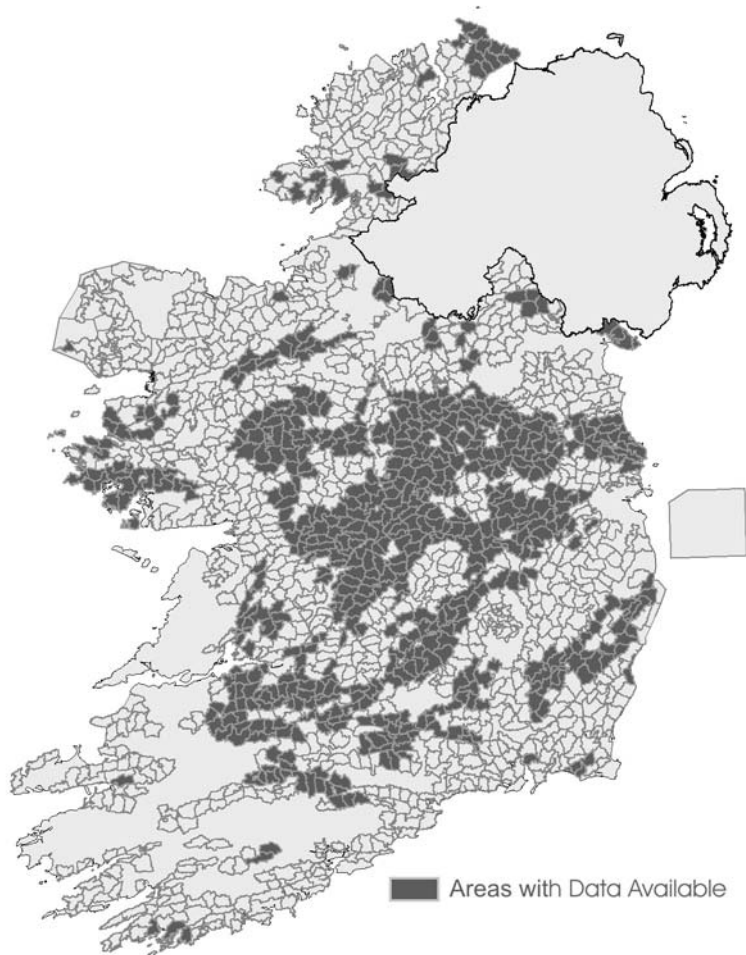
<b>Dublin</b>	<b>1798</b>	2942	<b>3886</b>	3555	<b>3866</b>	3355R
	1799	2943	<b>3897</b>	3556		
<b>1454</b>	1800	2959	<b>3898</b>	3783	<b>Kilkenny</b>	<b>Laois</b>
2697	1958	3004	<b>3913</b>	3833		
2710	1959	3043	<b>3914</b>	3834	1814	<b>754</b>
2968	1960	3080	3927	3835	1815	<b>1640</b>
3075	<b>1979</b>	3081	3928	3836	1913	1641
3143	1980	<b>3101</b>	3959	3837	2573	1646
<b>3218</b>	1982	<b>3144</b>	3960	3838	2821	<b>1650</b>
<b>3219</b>	1983	3145	3961	3847	2955	<b>1652</b>
<b>3220</b>	2090	<b>3166</b>	3962	3872	2958	<b>1653</b>
<b>3221</b>	2091	3167	3963		2996	<b>1654</b>
3284	<b>2092</b>	3169	3964	<b>Kildare</b>	3105	2217
3433	<b>2093</b>	3170	3965		<b>3113</b>	<b>2218</b>
<b>3664</b>	<b>2094</b>	3226	3966	<b>600</b>	3165	2219
<b>3665</b>	<b>2095</b>	3227	2584R	1316	3195	2320
3776	<b>2096</b>	<b>3251</b>	2585R	<b>1317</b>	3211	2321
3821	<b>2097</b>	<b>3280</b>	939R	<b>1318</b>	3213	2322
<b>3865</b>	2098	<b>3307</b>		<b>1604</b>	3214	2474
3958	2099	3422	<b>Kerry</b>	<b>1607</b>	3215	2476
	<b>2100</b>	3429		<b>1608</b>	3215	<b>2512</b>
<b>Galway</b>	2295	<b>3459</b>	1911	<b>1630</b>	3216	2623
	<b>2296</b>	<b>3470</b>	<b>2029</b>	<b>1631</b>	3242	2624
<b>2</b>	<b>2297</b>	<b>3471</b>	2030	<b>1632</b>	<b>3313</b>	<b>2625</b>
<b>4</b>	2301	3479	2031	<b>2062</b>	3325	<b>2627</b>
<b>15</b>	2318	<b>3480</b>	2213	<b>2513</b>	3345	2747
<b>16</b>	2449	<b>3482</b>	2214	<b>2514</b>	3353	<b>2748</b>
<b>134</b>	2450	3505	2270	2516	3354	3009
<b>541</b>	2451	<b>3506</b>	2366	2518	3357	3104
<b>643</b>	2452	<b>3507</b>	2586	2822	<b>3404</b>	3147
<b>767</b>	2520	<b>3567</b>	2741	2823	3409	<b>3158</b>
927	2521	3578	2777	<b>2824</b>	3520	3160
<b>930</b>	<b>2526</b>	<b>3615</b>	2869	2830	<b>3522</b>	3239
<b>934</b>	<b>2532</b>	<b>3637</b>	2903	2831	<b>3522</b>	3241
<b>1102</b>	<b>2533</b>	3680	2904	2834	<b>3523</b>	<b>3263</b>
1105	2570	<b>3681</b>	2905	3247	<b>3524</b>	<b>3312</b>
<b>1362</b>	2583	3682	2906	<b>3329</b>	<b>3525</b>	<b>3322</b>
<b>1364</b>	2646	<b>3692</b>	2933	3330	3559	3356
1373	2647	<b>3742</b>	2934	<b>3331</b>	3560	3438
1375	<b>2685</b>	<b>3743</b>	2935	<b>3332</b>	<b>3645</b>	3458
1376	<b>2686</b>	<b>3755</b>	2954	3374	3693	3533
1382	2689	<b>3756</b>	3016	3427	<b>3694</b>	3542
1431	2700	<b>3757</b>	3076	<b>3434</b>	<b>3695</b>	3616
<b>1677</b>	<b>2724</b>	<b>3758</b>	3077	<b>3547</b>	3696	<b>3662</b>
<b>1700</b>	2725	<b>3781</b>	3106	<b>3549</b>	3708	<b>3667</b>
1704	2734	3818	3281	<b>3610</b>	3709	3674
1762	<b>2760</b>	<b>3840</b>	3282	<b>3614</b>	3736	3675
<b>1764</b>	2848	<b>3861</b>	3370	<b>3649</b>	3737	<b>3688</b>
1768	<b>2885</b>	<b>3862</b>	3461	<b>3684</b>	3738	<b>3853</b>
<b>1788</b>	<b>2886</b>	3867	3462	<b>3777</b>	3739	3891
<b>1789</b>	<b>2887</b>	<b>3879</b>	3486	3792	3740	3931
1790	2888	<b>3880</b>	3487	3793	<b>3828</b>	<b>586R</b>
<b>1791</b>	2889	<b>3881</b>	3492	3794	<b>3829</b>	
1794	2932	<b>3882</b>	3493	3795	<b>3830</b>	<b>Leitrim</b>
1795	2939	<b>3883</b>	3494	3796	3832	
1796	2940	<b>3884</b>	3495	3797	3957	<b>1469</b>
<b>1797</b>	2941	<b>3885</b>	3554	<b>3846</b>	<b>3245R</b>	1668

1670	<b>3268</b>	<b>3363</b>	2401	3259	1327	1174R
1672	3279	<b>3364</b>	2495	3303	1331	<b>1328R</b>
1673	3293	<b>3527</b>	2496	3304	1332	<b>1380R</b>
1675	3308	3628	2497	3337	1333	<b>1440R</b>
2559	3309	3629	2498	3377	1334	<b>1451R</b>
2776	3339	3630	2499	3378	1338	<b>1453R</b>
2881	3340	<b>3633</b>	2500	3379	<b>1339</b>	<b>1489R</b>
3086	<b>3342</b>	<b>3634</b>	2501	3389	<b>1450</b>	<b>1661R</b>
3102	3343		2502	3390	<b>1496</b>	
<b>3162</b>	3344	<b>Louth</b>	2503	3391	<b>1500</b>	<b>Monaghan</b>
3568	<b>3366</b>		2504	3392	1601	
3585	<b>3367</b>	1040	2505	3393	<b>1991</b>	1356
3672	<b>3368</b>	2201	2506	3394	2021	1357
3673	<b>3369</b>	<b>2271</b>	2507	3395	2063	<b>1870</b>
3888	<b>3431</b>	2742	2508	<b>3419</b>	<b>2540</b>	2023
3889	3457	3053	2610	3420	<b>2778</b>	2193
3890	<b>3488</b>	3060	<b>2640</b>	3423	<b>2779</b>	<b>2194</b>
2993R	<b>3489</b>	3276	<b>2641</b>	3424	2836	2254
X2	3544	3278	2643	3467	2837	2416
	3545	3413	2644	3510	2882	2677
<b>Limerick</b>	<b>3581</b>	3691	2645	3511	2883	2678
	3582	3701	<b>2875</b>	3512	2884	2679
<b>449</b>	<b>3608</b>	3730	2879	3513	2928	2680
<b>450</b>	<b>3650</b>	<b>3841</b>	2880	3514	<b>3184</b>	2681
<b>635</b>	<b>3651</b>	<b>3842</b>	2908	3515	<b>3260</b>	2682
<b>636</b>	3654	<b>3843</b>	2909	3516	<b>3261</b>	<b>2683</b>
<b>786</b>	3661	3911	2910	3517	3300	2828
<b>1302</b>	<b>3824</b>	Mayo	2911	3764	3301	3027
<b>1303</b>	<b>3858</b>	<b>547</b>	2912	3765	3341	<b>3028</b>
<b>1457</b>	<b>3859</b>	663	2976	3766	<b>3346</b>	3065
<b>1583</b>	3908	743	3052	3767	<b>3373</b>	3066
<b>1584</b>	3923	1022	3125	3768	3399	3068
<b>1942</b>		1028	3126	<b>3769</b>	3410	3209
<b>1943</b>	<b>Longford</b>	1029	3127	3770	3558	3469
1945		1030	<b>3149</b>	<b>3771</b>	3609	3579
<b>1946</b>	<b>184</b>	1031	<b>3150</b>	<b>3772</b>	3611	3869
<b>1947</b>	<b>185</b>	1032	<b>3151</b>	<b>3773</b>	<b>3621</b>	3870
<b>1948</b>	<b>186</b>	1035	3172	3774	<b>3622</b>	3871
<b>1949</b>	<b>580</b>	1530	3173	3790	<b>3636</b>	3905
<b>2529</b>	<b>581</b>	1531	3174	3791	<b>3660</b>	
<b>2530</b>	<b>582</b>	<b>1562</b>	3175	3811	3731	<b>Offaly</b>
<b>2531</b>	<b>622</b>	<b>1679</b>	3176	3812	3732	
<b>2579</b>	<b>666</b>	1804	3177	<b>3876</b>	3819	<b>480</b>
<b>2594</b>	<b>667</b>	1805	3178	<b>3887</b>	3825	<b>481</b>
<b>2638</b>	<b>1358</b>	1806	3179	3929	<b>3839</b>	<b>607</b>
<b>2696</b>	<b>1586</b>	1810	3180	3930	<b>3851</b>	<b>608</b>
2756	<b>1587</b>	1811	3181	<b>3148R</b>	<b>3852</b>	890
2762	<b>1588</b>	1812	3182		<b>3873</b>	<b>1108</b>
<b>2835</b>	<b>1801</b>	2225	3183	<b>Meath</b>	<b>3874</b>	<b>1110</b>
<b>2840</b>	<b>1802</b>	2226	<b>3240</b>		<b>3875</b>	<b>1111</b>
<b>2845</b>	1803	2229	3243	<b>1053</b>	3909	<b>1113</b>
<b>2850</b>	<b>2664</b>	2306	3244	1171	<b>3910</b>	<b>1178</b>
<b>2872</b>	2698	<b>2319</b>	3253	<b>1319</b>	3912	<b>1341</b>
<b>2927</b>	<b>2774</b>	2396	3254	<b>1322</b>	<b>3925</b>	<b>1343</b>
3199	<b>2775</b>	<b>2397</b>	3255	<b>1323</b>	<b>3926</b>	<b>1377</b>
<b>3249</b>	<b>2780</b>	<b>2398</b>	3257	<b>1324</b>	3938	<b>1378</b>
3267	2989	<b>2399</b>	3258	<b>1325</b>	3939	<b>1624</b>

<b>1628</b>	2101	2489	2604	3497	1987	<b>1387</b>
<b>1919</b>	2102	2490	2621	3498	1988	<b>1388</b>
<b>2016</b>	<b>2103</b>	2491	2622	<b>3552</b>	1990	<b>1406</b>
2323	<b>2105</b>	2493	<b>2654</b>	<b>3569</b>	2034	<b>2674</b>
<b>2522</b>	2329	<b>2772</b>	<b>2655</b>	3573	2035	<b>3152</b>
<b>2537</b>	2330	2916	2657	<b>3617</b>	2036	<b>3232</b>
<b>2538</b>	2523	2917	<b>2717</b>	<b>3618</b>	2752	<b>3324</b>
<b>2539</b>	2524	2921	<b>2718</b>	<b>3646</b>	2754	<b>3405</b>
<b>2560</b>	<b>2613</b>	2923	2839	<b>3647</b>	3190	<b>3406</b>
<b>2561</b>	2652	2997	2844	<b>3668</b>	3191	<b>3528</b>
<b>2563</b>	2653	3099	<b>2852</b>	<b>3670</b>	3192	<b>3529</b>
<b>2663</b>	<b>2666</b>	3380	3032	<b>3677</b>	3193	<b>3529</b>
2669	2705	3381	3082	<b>3678</b>	3194	<b>3530</b>
<b>2670</b>	2766	3382	<b>3097</b>	<b>3689</b>	3201	<b>3531</b>
<b>2702</b>	2767	3383	<b>3156</b>	3690	3205	<b>3575</b>
<b>2781</b>	2768	3384	3159	3697	3206	<b>3576</b>
<b>2782</b>	2769	3385	3161	<b>3698</b>	3207	<b>3583</b>
<b>2786</b>	2784	3386	<b>3185</b>	<b>3699</b>	3208	<b>3588</b>
<b>2859</b>	2787	3387	3188	3703	3323	<b>3589</b>
<b>2860</b>	<b>2788</b>	3396	<b>3189</b>	<b>3704</b>	3518	<b>3638</b>
<b>2861</b>	2981	3430	<b>3246</b>	<b>3705</b>	3519	3652
<b>3115</b>	2982	3666	<b>3316</b>	<b>3706</b>	3570	<b>3655</b>
<b>3129</b>	<b>3059</b>	3734	<b>3317</b>	<b>3707</b>	3571	<b>3658</b>
<b>3266</b>	<b>3163</b>	3735	<b>3318</b>	<b>3727</b>	3574	3659
3273	<b>3248</b>	<b>3915</b>	<b>3319</b>	3778	<b>3700</b>	<b>3722</b>
3283	<b>3436</b>	<b>3916</b>	<b>3320</b>	<b>3782</b>	<b>3712</b>	3932
3302	<b>3460</b>	<b>3917</b>	<b>3321</b>	<b>3785</b>	3713	<b>3935</b>
3417	<b>3474</b>	<b>3919</b>	<b>3358</b>	3786	3714	3936
3418	<b>3561</b>	3967	<b>3359</b>	<b>3807</b>	3715	3937
<b>3432</b>	3685	3968	3360	<b>3826</b>	3719	3944
<b>3648</b>	<b>3686</b>	3969	3401	<b>3827</b>	3720	3945
<b>3813</b>	<b>3744</b>	3970	3402	3831	3724	3947
<b>3814</b>	<b>3745</b>		<b>3403</b>	3844		3948
<b>3854</b>	<b>3746</b>	<b>Tipperary</b>	3421	3845	<b>Westmeath</b>	
<b>3868</b>	3747		<b>3425</b>	<b>3878</b>		<b>Wexford</b>
<b>3877</b>	3748	<b>350</b>	<b>3426</b>	<b>3892</b>	<b>505</b>	
<b>3907</b>	3749	<b>468</b>	3439	3924	<b>506</b>	1183
<b>3920</b>	3750	<b>605</b>	3440	<b>3949</b>	<b>1043</b>	1185
3940	3751	<b>626</b>	<b>3441</b>	<b>3950</b>	<b>1044</b>	1188
3941	<b>3752</b>	<b>627</b>	3442	3951	<b>1117</b>	1190
3942	3753	1575	3443	3952	<b>1181</b>	1191
3943	3754	<b>1577</b>	3444	3953	<b>1226</b>	1192
3946	<b>3759</b>	<b>1578</b>	3446	<b>3954</b>	<b>1228</b>	1193
3956	<b>3760</b>	<b>1753</b>	3447	3955	<b>1229</b>	1194
<b>2671R</b>	<b>3761</b>	2026	3448	2471R	<b>1244</b>	1196
<b>649A</b>	3762	2027	3449	<b>3262R</b>	<b>1245</b>	1197
	<b>3763</b>	2039	3450		<b>1344</b>	1198
<b>Roscommon</b>	<b>3848</b>	2068	3451	<b>Waterford</b>	<b>1345</b>	1199
	<b>3934</b>	<b>2069</b>	3452		<b>1346</b>	1200
<b>562</b>		<b>2258</b>	3453	405	<b>1347</b>	1201
<b>1310</b>	<b>Sligo</b>	2286	3454	735	<b>1349</b>	<b>1541</b>
1663		2326	3455	1555	<b>1351</b>	<b>1542</b>
1665	<b>757</b>	<b>2447</b>	<b>3456</b>	1556	<b>1352</b>	1813
1667	<b>1565</b>	<b>2448</b>	<b>3475</b>	1966	<b>1353</b>	2053
<b>1680</b>	1660	<b>2564</b>	<b>3476</b>	1967	<b>1383</b>	<b>2236</b>
1899	1688	<b>2567</b>	<b>3477</b>	1985	<b>1384</b>	<b>2237</b>
1905	1690	<b>2568</b>	3478	1986	<b>1385</b>	<b>2238</b>

2267	3196	3466	<b>3895</b>	2429	3285	3676
2268	3197	<b>3483</b>	<b>3896</b>	2430	3286	3798
2543	3198	<b>3484</b>		2432	3287	3799
2544	<b>3237</b>	<b>3590</b>	<b>Wicklow</b>	2433	3289	3800
<b>2551</b>	3264	3591		2436	3291	<b>3849</b>
<b>2552</b>	3274	3592	<b>415</b>	2470	3334	<b>3850</b>
<b>2553</b>	3275	3593	<b>1473</b>	<b>2558</b>	3335	<b>3857</b>
<b>2554</b>	3296	3594	<b>1715</b>	2639	3336	<b>3864</b>
2555	3297	3595	1716	3029	3348	<b>3906</b>
2556	3298	3596	<b>2239</b>	<b>3030</b>	3349	3265R
2557	3299	3597	<b>2240</b>	3138	3350	
3001	<b>3463</b>	3598	<b>2241</b>	3139	3565	
3031	3464	3663	2421	3210	3606	
3155	3465	3822	2426	3272	3607	

**Map showing Prospecting Licence areas for which exploration data are available online from EMD ([www.minex.ie](http://www.minex.ie)) The coverage relates to all data released since 1st January 2000.**



# ADDRESSES OF COMPANIES HOLDING STATE FACILITIES

## A. Prospecting Licences

### **Amcorp Mining Ltd.**

The Lisheen Mine  
Killoran,  
Moyne  
Thurles  
Co. Tipperary

### **Aurum Mineral Resources Ltd.,**

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

### **Lundin Mining Exploration Ltd.**

Castletown  
Galmoy  
Crosspatrick (via Thurles)  
Co. Kilkenny

### **Gary R Brown**

574 West 23<sup>rd</sup> Street  
North Vancouver B.C.  
Canada V7M 2C1

### **Kellys of Fantane**

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

### **El Nino Ventures Inc,**

2303 West 41<sup>st</sup> Avenue,  
Vancouver BC,  
Canada  
V6M 2A3

### **Westland Exploration Ltd.**

11 Mespil Road  
Dublin 4

### **Jadebay Ltd**

9 Marine View  
Phoenix Terrace  
Blackrock  
Co. Dublin

### **Boliden Tara Mines Ltd.**

Knockumber House  
Knockumber  
Navan  
Co. Meath

### **Central Mining Finance**

c/o Charter Plc  
52 Grosvenor Gardens  
London SW1W OAU  
UK

### **Clare Calcite Ltd.**

Block10 Unit 3  
Blanchardstown Corporate Park  
Dublin 15

### **Connemara Mining Co. Ltd.**

162 Clontarf Road  
Dublin 3

### **Conroy Diamonds and Gold Plc**

10 Upper Pembroke Street  
Dublin 2

### **Fractore Pty. Ltd.**

11 French Street  
Camberwell  
Victoria 3124  
Australia

### **Exploration and Discovery Ltd**

c/o Mayfly Resources  
18 Fitzwilliam Place, D 2.

### **Kenmare Resources Plc.**

Chatham House  
Chatham Street  
Dublin 2

**Minco Ireland Ltd.**

162 Clontarf Road  
Dublin 3

**Ormonde Mining Plc..**

Ormonde House,  
Metges lane  
Navan,  
Co. Meath

**Ovoca Gold Plc.**

36 Dame Street  
Dublin 2

**Oriel Selection Trust Ltd.**

15 Joel Terrace,  
East Perth,  
6004 Western Australia

**Belmore Resources Holdings Plc.**

50 South Hill  
Dartry  
Dublin 6

**Mincor Resources NL,**

PO Box 1810,  
West Perth 6872,  
Western Australia

**Mineral Estates (Ireland) Ltd.**

c/o W. A. Exploration Services Pty Ltd  
22 Montes Square  
Riverton  
Western Australia 6148  
Australia

**Dan Morrissey (Ireland) Ltd.**

Bennekerry House,  
Carlow

**Noranda Exploration Ireland Ltd.**

C/o BRG Ltd.  
Block C, Unit 8,  
Athy Business Campus  
Athy, Co. Kildare

**Rennicks and Bennett Ltd.**

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

**Teck Cominco Ireland Ltd.**

5 Wentworth Place,  
Wicklow,  
County Wicklow,  
Ireland

**BHP World Exploration Inc.**

2300-1111 West Georgia Street  
Vancouver BC  
Canada V1E 4ME

## **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

### **Flynn & Lehany Coal Mines Ltd.**

17 Castle Street  
Dalkey  
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

### **Roadstone Provinces Ltd.**

Saggart  
Co. Dublin