

## TABLE OF CONTENTS

	<b>Page</b>
<b>GROUND STATUS AND APPLICATION PROCEDURE</b>	<b>1</b>
Ground Available	1
Ground Unavailable	3
Application Procedures	3
Statement of Interest	4
<b>PROSPECTING LICENCE COMPETITION</b>	<b>7</b>
Procedures	7
Competition Areas	7
<b>STATE MINING AND PROSPECTING FACILITIES</b>	<b>9</b>
State Mining Facilities	9
Prospecting Licences	10
Prospecting Licences offered and advertised	20
<b>INDUSTRY NEWS</b>	<b>21</b>
<b>EXPLORATION AND MINING EXPENDITURES 2004</b>	<b>29</b>
<b>APPENDICES</b>	
PUBLICLY AVAILABLE PROSPECTING LICENCE AREA DATA	32
ADDRESSES OF COMPANIES HOLDING STATE FACILITIES	39
<b>SPECIMEN FORMS</b>	
Prospecting Licence Application Form	43
Prospecting Licence Renewal Application Form	48
Surrender / Expiry Form	49
Confidential Work Summary Form	50
Statement Of Qualification Form	53
Statement Of Interest Registration Form	54

### **MAP (in back pocket)**

STATE MINING AND PROSPECTING AREAS, 1<sup>st</sup> May 2006

**ALL INFORMATION AND MAP DATA also available on [www.minex.ie](http://www.minex.ie)**



# GROUND STATUS AND APPLICATION PROCEDURE

All current prospecting and mining facilities, together with their geographical location (by reference to the relevant Ordnance Survey 1:10,560 maps), names of the licensees, and with reference to prospecting licences, the details of the minerals for which they are issued, are included in this booklet. The accompanying coloured map also indicates the locations of these prospecting licences and mining facilities as well as displaying ground which is available for application, either by competition (closing date 30<sup>th</sup> June, 2006) or at any time.

## Ground Available

The available prospecting licence areas are differentiated on the accompanying map as follows:

- Open ground: ground which has not been subdivided into licence areas and which is available for application at any time is left blank, and coloured green.
- Open areas: (a) Established licence areas available for application at any time. These are identified by their number and the same colour as open ground (green); (b) Those current prospecting licences (pink) and recently offered licences that are restricted to certain minerals (p.9-19). Such ground is therefore available for application 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 **30<sup>th</sup> June 2006**, will be subsequently considered 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 cheap "grass roots" exploration in order to:

- Encourage work in currently available Prospecting Licence 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) **Currently licensed areas 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 9-19.

**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 phase as €375 for each of the first and second two-year phases, and €500 for the third two-year phase. This represents a reduction of €1,875 (60%) in fees compared to the standard requirements.

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 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:** This category is available for companies who wish to undertake exploration over currently held ground for minerals that are not assigned to the current prospecting licence holder. Such additional prospecting licences will however only be issued where the Minister for Communications, Marine and Natural Resources is satisfied that there will be no clash of mineral interests, in line with current practice. The current prospecting licence holder will continue to have 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 appreciated that an area may have been already applied for and that, as previously, 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, Marine 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 provided at the end of this publication. Further copies are available from the above address, or photocopies of the form may be used. 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 (see page 51). 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 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 and approved by prior agreement.

- **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. However, previously unavailable ground may also be released through this procedure. Interested parties normally have **two months** in which to apply for competition areas, 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.

## Competition Areas

**The following prospecting licence areas are open for application under equal competition until 30<sup>th</sup> June 2006.**

- Areas for which licences were current on the 13<sup>th</sup> January, 2006, but have become available in the period to 13<sup>th</sup> April, 2006, or areas for which licences were offered but were subsequently declined in the same period. The areas are shown on the map in yellow.

2551                      Wexford



# 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

- **Mining Licences**

<b>Ref:</b>	<b>Lessee</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	Tara Mines Ltd	03.07.98	Meath	25	31.08.2010
SML 3	Tara Mines Ltd	03.07.98	Meath	25	31.08.2010
SML 4	Tara Mines Ltd	11.09.00	Meath	25	31.08.2010
SML 5	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

- **Mining Permissions**

None.

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, Marine and Natural Resources, as required by the Minerals Development Acts, 1940-1999.

## Prospecting Licence Areas

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 10<sup>th</sup> October 2005. The licensed minerals are abbreviated as follows: Base metals (Bm); Barytes (b); Gold (g); Silver (s); Platinum Group Elements (PGE).

PL Area	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	Teck Cominco Ireland Ltd.	17/04/06	Longford	18, 19, 22, 23	Bm, b, g, s
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	Aurum Mineral Resources Ltd.	27/05/04	Limerick	22, 23, 31, 32, 40, 41	G
449	Connemara Mining Co. Ltd	31/01/05	Limerick	22, 23, 31, 32, 40, 41	Bm, b, s
450	Aurum Mineral Resources Ltd.	27/05/04	Limerick	23, 24, 32, 33	G
450	Connemara Mining Co. Ltd	31/01/05	Limerick	23, 24, 32, 33	Bm, b, s
468	Asarco Exploration Inc.	29/07/02	Tipperary Limerick	65,66 41	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	14,15,22	Bm, b, s
505	Westland Exploration Ltd.	22/06/85	Westmeath	30,36	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
600	Asarco Exploration Inc.	04/09/00	Kildare	17,22	Bm, b, s
622	Teck Cominco Ireland Ltd.	20/02/06	Longford	19, 20, 23, 24	Bm, b, g, s, PGE
626	Minco Ireland Ltd.	06/06/94	Tipperary	4,5,7,8	Bm, b, s
627	Minco Ireland Ltd	06/06/94	Tipperary	7,8,10,11	Bm, b, s
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, g, s, PGE
649A	Minco Ireland Ltd.	26/07/82	Offaly	35	Bm, b, s
666	Teck Cominco Ireland Ltd.	15/12/05	Longford	9, 14, 15, 19, 20	Bm, b, g, s, PGE

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
667	Teck Cominco Ireland Ltd.	20/02/06	Longford	14, 15, 19, 20	Bm, b, g, s, 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
934	Gary R Brown	31/12/05	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
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
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
1226	Minco Ireland Ltd.	16/05/68	Westmeath	17,23,24,31	Bm, b, s
1228	Minco Ireland Ltd.	16/05/68	Westmeath	22,23,29,30	Bm, b, s
1229	Minco Ireland Ltd.	16/05/68	Westmeath	23,30,35,36	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

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
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
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
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
1362	John Gannon	09/08/04	Galway	6,18,31	Bm, b, s, g
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
1385	Teck Cominco Ireland Ltd.	20/02/06	Westmeath	2,3,6,7,12	Bm, b, s, g, PGE
1406	Teck Cominco Ireland Ltd.	30/01/06	Westmeath	19,20,26,27	Bm, b, s, g, PGE
1440R	Westland Exploration Ltd.	23/10/72	Meath	17,18,24,25	Bm, b, s
1476	Kenmare Resources Plc.	30/09/02	Carlow	14,17,18,20,21	Caesium,lithium, niobium, tin, tantalum, tungsten
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	B.H.P. World Exploration Inc	14/12/95	Meath	41,42,47,48	Bm, b, s, g, Iron
1577	Central Mining Finance	28/02/96	Tipperary	41,47,48,53,54	Bm, b, s, Calcite
1578	Central Mining Finance	28/02/96	Tipperary	41,42,47,48	Bm, b, s, Calcite
1583	Boliden Tara Mines Ltd.	01/05/91	Limerick	11,12,20,21,29, 30	Bm, b, s
1584	Boliden Tara Mines Ltd.	28/06/94	Limerick	20,29,30,37,38	Bm, b, s

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
1586	Boliden Tara Mines Ltd/Aurum Mineral Resources	30/06/04	Longford	6, 7, 10, 11	Bm, b, s, g
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
1608	Asarco Exploration Inc.	06/04/01	Kildare	13,18,19	Bm, b, s
1624	Asarco Exploration Inc.	24/02/03	Offaly	26, 33, 34	Bm, b, s, Iron
1630	Asarco Exploration Inc.	14/08/96	Kildare	8,9,12	Bm, b, s
1640	Asarco Exploration Inc.	31/10/00	Laois	4,5,8,9	Bm, b, s
1652	Amcorp Ireland Ltd.	28/05/87	Laois	22,23,28,29	Bm, b, s
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
1675	Boliden Tara Mines Ltd/Aurum Mineral Resources	30/06/04	Leitrim	29, 33, 36	Bm, b, s, g
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	37, 38, 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
2016	Minco Ireland Ltd.	26/07/76	Offaly	35,38,38A,47	Bm, b, s
2029	Connemara Mining Co. Ltd.	31/01/05	Kerry	46, 47, 57	Bm, b, s, g, PGE
2096	Teck Cominco Ireland Ltd.	25/01/06	Galway	85,86,97,98	Bm, b, s, g, PGE

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
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
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
2295	Aurum Mineral Resources	30/06/04	Galway	12,25	S, g
2396	Aurum Mineral Resources	13/01/03	Mayo	85,86,95,96	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
2512	Glencar Explorations PLC.	15/01/92	Laois	14,18,19	Bm, b, s
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
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	Aurum Mineral Resources	27/05/04	Limerick	13,14,22,23,31	Gold
2638	Connemara Mining Co. Ltd.	31/01/05	Limerick	13,14,22,23,31	Bm, b, s, PGE
2645	Aurum Mineral Resources	30/06/04	Mayo	116a,117,120,120A	S, g
2646	Aurum Mineral Resources	30/06/04	Galway	12,13,25	S, g
2647	Aurum Mineral Resources	30/06/04	Galway	12,13,25,26	S, g
2654	Asarco Exploration Inc.	29/07/02	Tipperary	66,73	Bm, b, s
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
2683	Conroy Diamonds & Gold Plc.	15/07/96	Monaghan	9,10,13,14	Bm, b, s, g
2696	Lundin Mining Exploration Ltd.	28/02/06	Limerick	4,12	Bm, b, s, g
2760	Teck Cominco Ireland Ltd.	25/01/06	Galway	97,98,105,106	Bm, b, s, g, PGE

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
2827	Conroy Diamonds & Gold Plc.	27/09/00	Cavan	24,25,30,31	Bm, b, s, g
2835	Lundin Mining Exploration Ltd.	20/02/06	Limerick	4,11,12,20,21	Bm, b, s, g
2839	Aurum Mineral Resources	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
2895	Central Mining Finance	01/03/93	Clare	27,28,35,36	Bm, b, s
2927	Aurum Mineral Resources	27/05/04	Limerick	13, 22, 31	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
3065	Conroy Diamonds & Gold Plc.	20/08/98	Monaghan	12,13,17,18	Bm, b, s, g, antimony
3066	Conroy Diamonds & Gold Plc.	20/08/98	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, gem minerals
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
3152	Teck Cominco Ireland Ltd.	30/01/06	Westmeath	13,14,20,21	Bm, b, s, g, PGE
3156	Minco Ireland Ltd.	16/04/87	Tipperary	20,21,26,27	Bm, b, s
3169	Aurum Mineral Resources	30/06/04	Galway	25, 26	S, g
3170	Aurum Mineral Resources	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
3245R	Arcon Exploration Plc.	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	Dolomite & Dolomitic Limestone
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
3268	Minco Ireland Ltd.	08/11/91	Limerick	15,16,24,25	Bm, b, s

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
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
3321	Central Mining Finance	28/02/96	Tipperary	42,48	Bm, b, s, calcite
3324	Boliden Tara Mines Ltd.	16/12/05	Westmeath	13,14,21	Bm, b, s, g
3332	Asarco Exploration Inc.	06/04/01	Kildare	13,14,18,19	Bm, b, s
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	30/06/04	Longford	4,5,8,9	Bm, b, s, g
3364	Boliden Tara Mines Ltd.	19/05/88	Longford	5,6,9,10	Bm, b, s, g
3366	Boliden Tara Mines Ltd.	27/04/88	Limerick	30,31,38	Bm, b, s
3367	Aurum Mineral Resources	27/05/04	Limerick	22,30,31,38,39	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
3373	Boliden Tara Mines Ltd.	01/03/93	Meath	11,16,17,23,24	Bm, b, s
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
3422	Aurum Mineral Resources	30/06/04	Galway	27	S, g
3425	Minco Ireland Ltd.	05/03/93	Tipperary	14,20	Bm, b, s
3431	Minco Ireland Ltd.	30/05/05	Limerick	1,6,14	Bm, b, s, PGE
3463	Boliden Tara Mines Ltd.	10/03/00	Wexford	39,40,44,45	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	30,34,35,36	Bm, b, s, g

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3467	Aurum Mineral Resources	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
3474	Teck Cominco Ireland Ltd.	24/02/06	Roscommon	48,50,51,53,54	Bm, b, s, g, PGE
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
3508	Central Mining Finance	16/11/98	Clare	43,51,52	Bm, b, s, calcite, fluorite
3526	Conroy Diamonds & Gold Plc.	27/09/00	Cavan	36,37,41	Bm, b, s, g
3544	Lundin Mining Exploration Ltd.	28/02/06	Limerick	9,10,18,19	Bm, b, s, g
3545	Ovoca Resources Plc.	11/02/99	Limerick	19,28	Bm, b, s
3552	Asarco Exploration Inc.	29/07/02	Tipperary	58,66	Bm, b, s
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
3569	Minco Ireland Ltd.	13/10/88	Tipperary	41,47	Bm, b, s
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
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	Tara Mines Ltd/Aurum Mineral Resources	30/06/04	Longford	2, 5, 9	Bm, b, s, g
3629	Tara Mines Ltd/Aurum Mineral Resources	30/06/04	Longford	2, 3, 5, 6	Bm, b, s, g
3630	Tara Mines Ltd/Aurum Mineral Resources	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
3638	Boliden Tara Mines Ltd.	16/12/05	Westmeath	8,9,13,14	Bm, b, s, g
3642	Belmore Resources Ltd.	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

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3647	Minco Ireland Ltd.	08/11/91	Tipperary Limerick	50,51 24,25	Bm, b, s
3647	Aurum Mineral Resources	27/05/04	Tipperary Limerick	50,51 24,25	G
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
3662	Glencar Mining Plc.	21/08/98	Laois	13,18	Bm, b, s
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
3678	Minco Ireland Ltd.	11/03/92	Tipperary	9,10,14,15	Bm, b, s
3679	Clare Calcite Ltd.	27/10/91	Clare	34,42	Calcite
3679	Belmore Resources Ltd.	19/12/05	Clare	34,42	Bm, b, s, g
3688	Amcorp Ireland Ltd	09/01/97	Laois	29,30,35	Bm, b, s
3689	Asarco Exploration Inc.	29/04/02	Tipperary	70,77	Bm, b, s
3722	Minco/Pine Point - Westland/Getty	05/10/92	Westmeath	29	Bm, b, s
3727	Minco Ireland Ltd.	05/03/93	Tipperary	7, 8, 10, 11	Bm, b, s
3729	Central Mining Finance	01/03/93	Clare	19,20,27,28	Bm, b, s
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
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
3822	Boliden Tara Mines Ltd.	10/03/00	Wexford	25,30,31	Bm, b, s, g
3824	Aurum Mineral Resources	27/05/04	Limerick	31, 32	Bm, b, s, g
3840	Teck Cominco Ireland Ltd.	25/01/06	Galway	98,105,106	Bm, b, s, g, PGE
3846	Asarco Exploration Inc.	04/09/96	Kildare	11,12,13,16,17	Bm, b, s
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
3853	Asarco Exploration Inc.	31/10/00	Laois	4,8,13	Bm, b, s

<b>PL Area</b>	<b>Licensee</b>	<b>Start</b>	<b>County</b>	<b>O.S. 6"</b>	<b>Minerals</b>
3854	Asarco Exploration Inc.	31/10/00	Offaly	26,27,33	Bm, b, s
3857	Minco Ireland Ltd	28/07/03	Wicklow	34,35,39,40,44,45	Bm, b, s, g
			Wexford	1,2	
3858	Ovoca Resources Plc	17/01/97	Limerick	27,28,35,36,43	Bm, b, s, g
3859	Ovoca Resources 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
3866	Asarco Exploration Inc.	18/06/97	Kildare	12,16,17,21,22	Bm, b, s
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
3908	Noranda Exploration Irl. Ltd./Minco Irl. 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
3920	Asarco Exploration Inc.	24/02/03	Offaly	18,19,26,27	Bm, b, s, iron
3923	Boliden Tara Mines Ltd.	27/05/04	Limerick	12,13,21,22	Bm, b, s, g
3924	Aurum Mineral Resources	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 (Irl) 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

## Prospecting Licence Areas 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.

<b>PL Area</b>	<b>Licensee</b>	<b>County</b>	<b>Minerals</b>
1178	Teck Cominco Ireland Ltd.	Offaly	Base metals, barytes, silver, gold & Platinum Group Elements
1181	Teck Cominco Ireland Ltd.	Westmeath	Base metals, barytes, silver, gold & Platinum Group Elements
2062	Teck Cominco Ireland Ltd.	Offaly	Base metals, barytes, silver, gold & Platinum Group Elements
2539	Teck Cominco Ireland Ltd.	Offaly	Base metals, barytes, silver, gold & Platinum Group Elements
2540	Teck Cominco Ireland Ltd.	Meath	Base metals, barytes, silver, gold & Platinum Group Elements
2590	Belmore Resources Ltd.	Clare	Base metals, barytes, silver & gold
3374	Teck Cominco Ireland Ltd.	Kildare	Base metals, barytes, silver, gold & Platinum Group Elements
3575	Teck Cominco Ireland Ltd.	Westmeath	Base metals, barytes, silver, gold & Platinum Group Elements
3576	Teck Cominco Ireland Ltd.	Westmeath	Base metals, barytes, silver, gold & Platinum Group Elements
3636	Teck Cominco Ireland Ltd.	Meath	Base metals, barytes, silver, gold & Platinum Group Elements
3937	Teck Cominco Ireland Ltd.	Westmeath	Base metals, barytes, silver, gold & Platinum Group Elements
3938	Teck Cominco Ireland Ltd.	Meath	Base metals, barytes, silver, gold & Platinum Group Elements
3939	Teck Cominco Ireland Ltd.	Meath	Base metals, barytes, silver, gold & Platinum Group Elements

## INDUSTRY NEWS

During the last six months (November 2005 to April 2006) the base metal mining sector has benefited from substantially increased zinc prices. At the end of 2004 the price of zinc was in the order of \$1,000/t, while in April 2006 the price was some \$3,000/t. Ireland continues to account for a significant amount of Western European mine production of zinc and lead. In 2005, Ireland produced 41% of Western Europe's zinc and 27% of its lead. The increase in the price of oil continues to impact on energy costs.

The increase in optimism in the exploration sector which has resulted in an increase in applications for prospecting licences, has begun to impact on the ground.

### Development

- **Navan (Boliden)**

Production levels in 2005 at the Navan mine, operated by **New Boliden Tara Mines** improved to near-budgeted levels, and the mine recorded its highest ever hoisted tonnage of 2,679,776 tonnes grading 8.34% Zn, 1.57% Pb. The milled tonnage was slightly lower, owing to problems in the crushing plant in mid year, at 2,550,534t grading 8.35% Zn and 1.57% Pb, with the unprocessed tonnes stockpiled for treatment in 2006. During 2005, the company produced 358,563t of zinc concentrate (54.6% Zn) and 44,528t of lead concentrate (57.6% Pb). Total production (1977-2005) amounts to 62.09Mt grading 8.37% Zn and 2.02%Pb.

At the end of 2005, Tara's JORC Classified Ore Reserves for the entire orebody amounted to 15.9Mt at 8.5% Zn and 1.8% Pb, with an additional 17.1Mt of Mineral Resources grading 7.4% Zn and 2.1% Pb.

Production in both Nevinstown and the South West Extension (SWEX) proceeded well and met expectations. In SWEX, underground development commenced into the SWEX-B section of the orebody, where some 1 million tonnes were added to the Ore Reserves by upgrading Inferred Resources to Probable Reserves, using underground diamond drilling. Further additions to Ore Reserves were made during expansion of the SWEX area near the E Fault Zone, and by the discovery of a new small zone of Conglomerate Group Ore. During the latter half of 2005, groundwater problems were experienced in exploration drifts in SWEX-B, and specialist grouting contractors were employed in this area; this had no effect on production.

Agreement was reached with the Department of Communications, Marine and Natural Resources regarding a State Mining Lease for a section of the Nevinstown orebody, and work proceeded with State Mining Facility applications for SWEX-B.

A major ventilation project involving the boring of two deep vertical bored shafts in SWEX was completed in April, 2006 within time and budget. The 690m x 4.5m diameter No.5 Return Air Raise (5RAR) was completed in October 2005 by a South African contractor, using the world's largest raise-bore machine, in what is believed to be a record time. The 839m x 4.0m No.4 Fresh Air Raise (4FAR) was completed in April. Commissioning of the new system, including fans and fan stations, will be completed in the third quarter of 2006.

- **Lisheen (Anglo American)**

During 2005, **Anglo American** milled 1.46Mt of ore grading 12.01% Zn and 1.99% Pb from the underground mine at Lisheen, Co. Tipperary. This produced 299,000t of zinc concentrate (53.35%Zn) and 34,000t of lead concentrate (61.35% Pb). Total ore produced to end 2005 is 8.04Mt

at 11.69% Zn and 2.2% Pb. Reserves at the end of 2005 were 10.58Mt at 14.04% Zn and 2.16 % Pb, with additional Resources of 3.99Mt at 13.71% Zn and 2.23% Pb.

In October 2005, An Bord Pleanála granted planning permission to Anglo American to work minerals in the Bog Zone, northeast of the current underground workings. These minerals lie within the existing State Mining Lease area. The company also continued with their exploration programme in the vicinity of the mine.

- **Galmoy (Lundin Mining)**

Following the merger in April 2005 of **Lundin Mining** and Arcon International Resources Plc., Arcon Mines Ltd., a wholly owned subsidiary, changed its name to **Galmoy Mines Ltd.** Lundin Mining is a Canadian mining and exploration company, listed on the Toronto and Stockholm Stock Exchanges. The new parent company has initiated a series of projects in both the mine and mill to optimise the performance of the operation of the underground zinc-lead mine at Galmoy, Co. Kilkenny.

During 2005, the mine production was 0.64Mt grading 13.7% Zn and 3.95% Pb. This resulted in 143,631t of zinc concentrate (51.73% Zn) and 26,970t of lead concentrate (64.08% Pb). Total production since start of mining to end 2005 is 5.05Mt at 11.4% Zn and 2.2% Pb.

Reserves at the end of December 2005 were 3.55Mt at 14.7% Zn, 4.1% Pb and 26g/t Ag, with additional Resources (Measured and Indicated) of 1.61Mt at 10.9% Zn, 2.2% Pb and 43g/t Ag. Production from the high grade R zone at Galmoy is underway, following the issue of three new State Mining Licences between January and August 2005

In April the company announced the discovery of significant new mineralization at Galmoy. By the end of 2005, drilling had outlined a high grade extension of the K Orebody, the K Southwest Zone, which contained a measured resource of 187,000t grading 15.7% Zn, 3.8% Pb and 39g/t Ag. Further drilling in 2006 has extended the zone an additional 100 metres to the south.

Also in the vicinity of the mine, a new zone, the CW Southeast Zone, has been outlined by seven vertical drillholes, in an area of 100m x 50m, although it is not yet clear what effect, if any, this new zone will have on the mine's reserves and resources.

## **Exploration**

### **Company Activities**

**Alba Mineral Resources PLC**, a UK-based junior explorer, listed on AIM in London, is the holding company of **Aurum Mineral Resources Ltd.** (AMR). Through AMR, Alba holds or has applied for prospecting facilities over a number of properties in Ireland. The properties are at different stages of development, from conceptual exploration targets to more advanced drill ready projects.

In February last, Alba reported positive initial exploration results from a rock sampling programme at the Company's Bohaun block of eight PLs in Connemara, in which the Company holds a 100% interest. The rock sampling survey outlined a coherent zone of gold-bearing, silicified outcrops and boulders measuring 1.25 kilometres in length and 125 metres wide. The programme has confirmed previously known mineralization, and has also revealed new gold bearing outcrops. Sampling to date has returned a number of high-grade gold values, including 587.1, 51.1 and 19.9g/t Au, with associated silver values of 186.2, 10.9 and 1.4g/t Ag.

In April Alba announced a joint work programme with **Boliden Tara Mines (Boliden)** for six contiguous prospecting licences at Lough Gowna, Co Longford. The licences, which are held jointly

by AMR and Boliden, lie at the southwestern end of the Slieve Glah Shear Zone, on the SW margins of the Lower Palaeozoic Longford-Down Inlier. The main exploration target is gold-bearing quartz pebble conglomerates that overlie Lower Palaeozoic turbidites. Gold has been panned from the streams in the area, and Alba report that a sample of quartz-pebble conglomerate outcrop returned a value of 1.0g/t Au. Alba is also exploring for carbonate-hosted gold in its north Co. Limerick block of licences.

**Connemara Mining Company**, who hold 22 prospecting licences for base metals, have said that they intend to spend €0.6M on a targeted drilling programme.

In April, **Conroy Diamonds and Gold Plc** (Conroy) have reported more results from their gold exploration programme in the Lower Palaeozoic rocks of the Longford – Down massif. A programme of closely-spaced deep overburden sampling has identified two new zones of anomalous gold. The discoveries in Cargy, Co Armagh and Rackwallace, Co Monaghan lie northeast and southwest respectively of the company’s Tullybuck-Lisglassan prospect. Both anomalous zones trend NW-SE, are approx 300m long, and are open at both ends. Values of up to 190ppb Au were returned at Cargy and up to 125ppb Au at Rackwallace. These compare with an average baseline value of 10ppb Au in the Longford-Down Massif.

**Bayswater Ventures Corp.**, through their wholly owned subsidiary **Jadebay Limited**, hold two prospecting licences in County Wicklow, encompassing the historic Avoca copper-zinc-lead sulphide stratiform deposits. The company’s initial focus will be to evaluate the depth potential of a blind deposit down plunge from the known mineralization. Additionally, the company will focus on the evaluation of near-surface zinc-lead-gold-silver mineralization in zones such as Kilmacoo. The company plans to carry out an airborne EM survey of the licences with follow up deep penetrating induced polarization surveys of selected sections of the licences.

In addition to their minesite exploration, **Lundin Mining Exploration Limited** has also 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 are completing compilation and reinterpretation of historic exploration data, and a programme of surface geophysical surveying (IP and Gravity) is underway. Lundin expect that this



**County Map of Ireland showing locations mentioned in the text. Adare (AD), Athlone (AT), Avoca (AV), Ballinalack (BK), Bohaun (BN), Caherconlish (CC), Castlegarde (CG), Cregganbaun (CB), Galmoy (GA), Keel (KL), Kilmallock (KM), Lisheen (LI), Lough Gowna (LG), Loughrea (LR), Navan (NA), Pallas Green (PG), Portumna (PT), Rapla (RP), Tobermalug (TM), Tullybuck-Lisglassan (TL)**

work will identify new targets for drilling, which would be carried out later this year.

## The Pallas Green Prospect, Co Limerick

The Pallas Green project comprises nine prospecting licences located in northeast Co. Limerick and south Co. Tipperary. Drilling by joint venture partners Minco (23.6%) and Falconbridge (76.4%) is currently testing a portion of the Pallas Green Alteration Trend, a zone of structural and hydrothermal complexity, which extends for over 20 kilometres. The Alteration Trend is considered analogous to the Rathdowney Trend with which both the Lisheen and Galmoy zinc deposits are associated. The presence of pervasive alteration, with associated massive and disseminated pyrite together with sphalerite (zinc) and galena (lead) mineralization, has been demonstrated along the entire length of the Pallas Green Alteration Trend. Significant zinc mineralization has now been discovered at the eastern end of the Trend at Castlegarde, and near the western end, adjacent to Caherconlish. The intervening section remains relatively unexplored except for a few widely spaced drill holes.

Drilling has outlined a northeast-oriented area, 5km long by up to 1.5km wide, containing widespread pyrite (massive to semi-massive to disseminated) with associated zinc-lead values, which includes the Caherconlish and Tobermalug prospect areas where two discrete zones of high-grade zinc and lead mineralization were discovered during 2005. It is believed that this area is bounded to the south by a major east-northeast trending fault, the Ballyneety Fault, offset by a series of northwest trending fault structures. This structural setting is also considered by the companies to be analogous to that associated with many of the major Irish zinc deposits including Lisheen, Galmoy and Navan.

Taken largely from Minco PLC Press Release, 16<sup>th</sup> February 2006

**Minco PLC** (23.6%) and joint venture partner **Falconbridge** (formerly **Noranda**) (76.4%) continued their drilling programme on the Pallas Green project in east Co Limerick. In February Minco announced results from drilling at a location 800m south of known mineralization at Tobermalug, towards the western end of the 20km long Pallas Green Alteration Zone. DDH 636-24 intersected a significant zone of zinc and lead mineralization associated with Black Matrix Breccias (BMBs) in basal Waulsortian Reef Limestones. Best values were 1.05m (at 350m approx.) of 11.27% Zn and 0.82% Pb. A further zone of weakly disseminated mineralization occurs over 13.4m (at 440m approx.), with zinc values ranging between 0.22% and 1.58%.

Minco and Falconbridge have agreed a 2006 exploration budget of €1.06M for Pallas Green. While two rigs continue to investigate the wider area around Caherconlish and Tobermalug (in the western part of the area), it is expected that improving ground conditions will allow for detailed evaluation of these two areas of known mineralization, with a total of three or four rigs working. In addition to the drill programme, a helicopter-borne geophysical survey, using EM and Magnetics, will be flown over a part of the property, in a preliminary 600 line-kilometre survey.

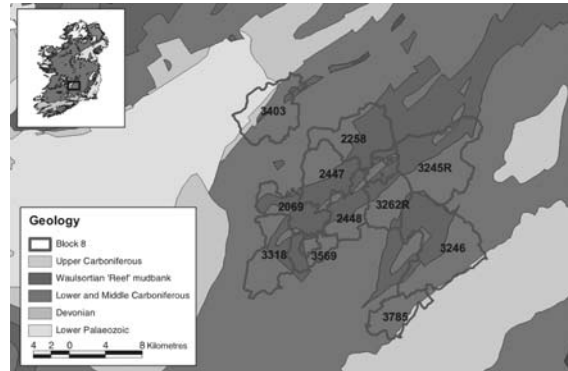
**Boliden Tara Mines** continued its regional exploration in Co Limerick, comprising geophysics (including down-hole EM), geochemistry and drilling in both the Adare and Kilmallock blocks. In Co Wexford, the exploration effort has switched to a major geological review of the Ordovician volcanic belt, aided by VMS specialists from Sweden.

## Prospecting Licence Information

On the 13<sup>th</sup> April 2006, a total of twenty-nine companies held 268 Prospecting Licences, primarily for base metals. During the past six months, a total of forty-eight licences were issued. Twenty-nine licences were issued to **Teck Cominco Ireland Limited**. These included a large block of eighteen contiguous licences in Cos Westmeath and Longford, centred on the sub-economic Ballinalack zinc-

lead deposit. They also received seven contiguous licences in south Co Galway, north of the town of Loughrea, two adjoining licences in east Roscommon, west of Athlone, and two adjoining licences in north Co Tipperary, immediately east of Portumna (Co Galway). **Boliden Tara Mines Ltd** were issued with ten contiguous licences in Cos Meath (7) and Westmeath (3). This block of licences adjoins to the southwest and west of ground already held by Boliden Tara. **Lundin Mining Exploration Limited** were awarded four licences in north Co Limerick. **Connemara Mining Co Ltd** received one licence in Co Limerick (adjacent to ground already held by them), and one licence in Co Kildare. **Belmore Resources** were granted one licence in east Co Clare, adjacent to a block of eight licences held by Central Mining Finance, with whom Belmore are in joint venture. All of these foregoing licences are for base metals, barite, silver and gold, with almost all of the Teck Cominco licences also including Platinum Group Elements. **Gary R Brown** was issued with one

prospecting licence for base metals and silver in west Co Galway; The area includes the Mace molybdenum prospect. Finally, **Kellys of Fantane** were granted a licence in Co Tipperary for dolomite and dolomitic limestone.



**Map showing currently held Prospecting Licence areas over the southern part of the zinc-rich 'Rathdowney Trend' for which exploration data has just been released.**

## Exploration Support

Over the past five 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 was made available through these programmes in 2005, 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. The most recent DVD was released in March 2005 and relates to ten Prospecting Licence areas located in the southern part of the Rathdowney Trend in which the Galmoy and Lisheen zinc-lead mines are located. In addition, companies who availed of the 2002-2004 exploration expenditure concessions and are seeking joint venture partners have also had their data released. As a result, over 150 currently held areas now have information from current holders in the public domain (for coverage see figure).

- **Data for 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. In the past year, data for 68 licence areas have been made publicly available.

- **Airborne Geophysics Data Release**

Low level high resolution geophysical surveys have been flown over 59 areas by various companies under the EMD 'open skies' policy since 1995. Some 35% of the country, largely prospective Lower Carboniferous terrain, 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. The first survey was released in June 2001, and to date over 78% of the coverage has been made available free on CD (See figure). Each geophysics release includes digital databases, grids and maps.

- **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 regarding company activities, ground assessment for exploration, and newly available areas for competitive application. Thousands of company reports relating to approximately 650 PL Areas have now 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 are online, and are available through the Geological Survey of Ireland ([www.gsi.ie](http://www.gsi.ie)).

- **Digital Prospecting Licence Data**

Digital versions of the Prospecting Licence map are now produced twice a year. These are provided free on request (email [EMDTechnical.info@dcmnr.gov.ie](mailto:EMDTechnical.info@dcmnr.gov.ie)). All licence data are provided on CD in shapefile format, for use with the ESRI suite of GIS products. A free map viewer 'ArcExplorer' is bundled with the licence data. This enables 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.

## **Target Areas Programme**

This programme is intended to stimulate interest in specific areas of the country by providing focused information and added value to the ongoing data release programmes where appropriate.

- **Airborne Magnetic Interpretation**

EMD has entered into an agreement with PGW Europe Ltd. to process and interpret the recently released airborne magnetic data covering the highly prospective Lower Carboniferous Central Basin area of Ireland. As part of this initiative, reports and a number of maps at 1:100,000 scale (geophysical interpretation, processed magnetic, prospecting licence areas, mineral deposits) are being released on CD for three adjoining areas in the Irish Midlands. Additional digital products will also be available from PGW Europe Ltd. These include the original processed products, linked / levelled total magnetic field, individual / composite grids and enhanced images for interpretation (e.g. 1VD, RTP, AS, Euler).

- **Data on Gold In Ireland**

To increase the awareness of the gold potential of the country, a digital release of all known gold localities in a GIS format was re-issued in 2005. The free CD is a joint EMD-Geological Survey of Ireland product. The localities are described and also spatially located on a simplified geological map. The CD also includes a review of the potential for gold mineralization and a full bibliography. The gold spatial data are also accessible through the [www.minex.ie](http://www.minex.ie) website.

- **Cregganbaun and Adjacent Gold Target Areas**

Following on from the success of its Ballinalack Zn-Pb data compilation, EMD have subsequently issued another free 'Target Areas' digital product covering the Cregganbaun gold prospect and adjacent gold target areas. Previous exploration at Cregganbaun has highlighted extensive gold mineralization, with grades of up to 270g/t Au. Mineralization is associated with a major shear zone that cuts deformed Ordovician sediments. This recently issued CD contains pertinent GIS data (geology, drill-hole locations, PL Areas), plus a collection of relevant company exploration reports and technical papers. The ground covered by this CD is currently available for application.

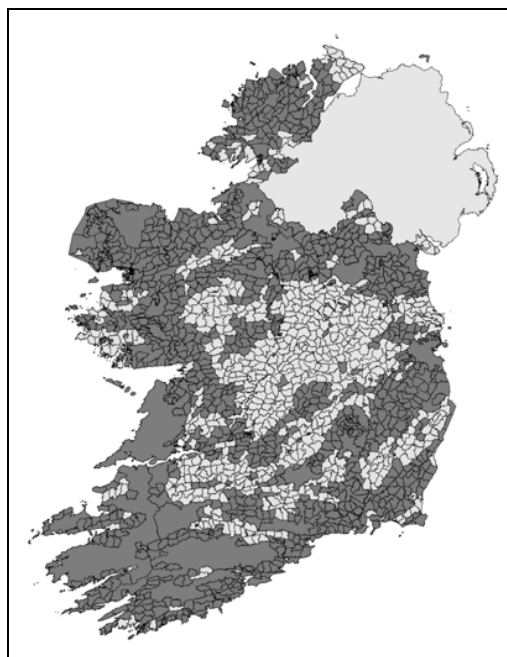
### **The MAPS Initiative ([www.minex.ie](http://www.minex.ie))**

The MAPS (Minerals Administration Programme Support) Initiative is a major e-Government project undertaken by EMD's parent Department to encourage and facilitate exploration and mining in Ireland. The MAPS system currently delivers:

- An online permitting facility that allows clients to assess the status of licences;
- FREE online access for ground assessment purposes to all publicly available information held by EMD, including GIS data, exploration company reports and other archival material;
- An up-to-date industry focused website providing clients with mineral potential information, regulatory data, industry news, the latest company and Ministerial press releases, reviews, EMD publications, etc.;
- Improved efficiency of service to customers, through e-Enabled and g-Enabled user-friendly systems.

Customers can also use "GEMS" (EMD's web-based GIS mapping tool), to visualize and query a variety of GIS layers pertinent to mineral exploration, including base maps, permit areas, geology, environmental constraint areas, forestry coverage, mineral deposits, historic and current mines, gold occurrences, airborne geophysics survey areas and boreholes. The GEMS map viewer also provides users with access to a significant

repository of other documents that are of additional benefit in assessing exploration ground (e.g. company reports, borehole logs, mineral deposit summaries, environmental synopses of constraint areas). Although somewhat delayed, the remaining elements of MAPS, namely the full e-Business facilities for permitting and the back-office workflow system designed to deliver increase efficiency to customers, will be rolled out in 2006.



**Map showing Prospecting Licence Areas for which exploration data are available online. The coverage relates to all data released since 1<sup>st</sup> January 2000.**

## **PDAC Convention, Toronto, March 2006**

The 74<sup>th</sup> Annual Convention and Trade show of the Prospectors and Developers Association of Canada (PDAC) was held in Toronto from 5<sup>th</sup> to 8<sup>th</sup> March 2006. 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 14,500.

## Exploration and Mining Expenditures 2004

Based on figures provided by exploration and mining companies, exploration expenditure during the calendar year 2004 totalled €6.85 million. While this figure was less than expended in 2003 (€8.04M), there was an increase in expenditure in Prospecting Licence (PL) areas (€3.95M in 2004, €3.13M in 2003); however, this was more than offset by a decrease in exploration in State Mining Facilities (€2.90M in 2004, €4.92M in 2003). It is worth noting that the increase in expenditure in PL areas occurred during the third year of a moratorium on exploration expenditure. This moratorium acknowledged the difficulties that the exploration sector was encountering, and forgave required expenditure in PL areas. The moratorium lasted for three years only, 2002 to 2004.

The majority of the exploration expenditure in PL areas related to base metal exploration (€3.64M), with lesser amounts spent on gold exploration (€0.21M) and on other minerals (€0.10M). 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. Development costs in State Mining Facilities in 2004 amounted to €2.22M, considerably down on the €3.87M spent in 2003. However, development expenditure from year to year can be very variable, and the figures do not reflect a reduction in investment in the mining sector.

### A. Prospecting Licences

Activity	Base Metals €	Gold €	Other Minerals €	Total €
Geology	254,566	46,698	8,700	309,964
Geochemistry	335,248	45,119	0	380,367
Geophysics	285,160	0	0	285,160
Airborne Surveys	0	0	0	0
Drilling	2,468,730	56,630	0	2,525,360
Trenching	0	15,932	0	15,932
Environmental Studies	500	0	1,077	1,577
Feasibility Studies	0	0	90,000	90,000
Other Field Related Costs*	272,782	43,733	2,000	318,515
Other Costs**	23,000	0	0	23,000
<b>Total Expenditure (PL Areas)</b>	<b>3,639,986</b>	<b>208,112</b>	<b>101,777</b>	<b>(a) 3,949,875</b>

### B. State Mining Facilities (SMF)

#### Exploration Expenditure:

Drilling	2,455,031
All other expenditure, excluding Irish office overheads	440,205
<b>Total Exploration Expenditure (SMFs)</b>	<b>(b) €2,895,236</b>

#### Total Development Expenditure:

<b>Total Expenditure SMF Areas</b>	<b>8,216,061</b>	<b>11,111,297</b>
------------------------------------	------------------	-------------------

<b>Irish Office Overheads</b>	<b>2,038,184</b>
-------------------------------	------------------

<b>Total Overall Expenditure</b>	<b>€17,099,356</b>
----------------------------------	--------------------

<b>Exploration Expenditure, PLs and SMFs i.e. (a) + (b)</b>	<b>€6,845,111</b>
---	-------------------

\*Includes accommodation, travel, salaries during fieldwork, and report writing, but excludes office overheads.

\*\* Includes consultancies, data acquisition.



## **APPENDICES**

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

# 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, Marine 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 papers at the GSI (see contact below), or by visiting the GSI Customer Centre and accessing the databanks through the public computer system.
- Digital copies. These may be obtained from GSI at a cost of €50 per CD. 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

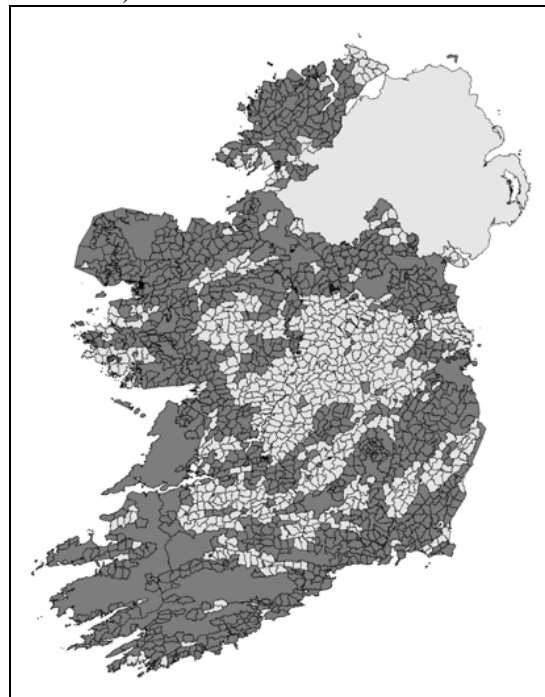
For appointments or further information, please contact either the **Geological Survey**, Ms Irene Hogan of the Minerals Section, Tel: 01-678 2751, Fax 01-678 2589, or the **Exploration and Mining Division** (Dr Wayne Cox, Tel: 01-678 2677, Fax: 01-660 9627).

## 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 Ms Irene Hogan of the Minerals Section, Tel: 01-678 2751, 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 **minex.ie** website. Data relating to over 650 PL areas, including those in the current PL competition, are now available ( also see p.32).



**Map showing Prospecting Licence areas for which exploration data are available online. The coverage relates to all data released since 1st January 2000.**

## **Prospecting Licence Areas with Exploration Data Availability**

- **Additional data from Prospecting Licences surrendered since 1st November, 2005**

<b>Longford</b>	<b>Wexford</b>
581	2554
	2558

• **Consolidated List**

PL area numbers in bold italics refer to areas for which company exploration data can be viewed online ([www.minex.ie](http://www.minex.ie)) or obtained free from the Exploration and Mining Division where file sizes are too large. Data relating to all other area numbers are available from the Geological Survey of Ireland (see page 30). (\* Indicates that the licence area extends into a neighbouring county.)

<b>Carlow</b>	3572	<b>3806</b>	2948	3671	2548R	3072
1476	3579*	3808	2949	3702	<b>2727</b>	3073
<b>1477</b>	3623	<b>3809</b>	2953	3716	2795	3074
<b>1597</b>	3624	<b>3810</b>	2967	<b>3717</b>	2796	3079
2404			2983	<b>3718</b>	2798	3088
2408	<b>Clare</b>	<b>Cork</b>	2998	3723	2799	3089
2832	11*	1554	3010	3733	2800	3090
<b>2930</b>	742	1780	3011	<b>3741</b>	2801	3091
<b>2931</b>	1951	1786	3012	3801	2802	3092
<b>3407</b>	1952	<b>1940</b>	3013	3805	2803	3093
<b>3411</b>	2317	2024	3014	<b>3823</b>	2804	<b>3094</b>
3711	2414	2033	3033	<b>3860</b>	2810	3095
<b>3893</b>	2415	2048	3046	<b>3899</b>	2811	3118
<b>3894</b>	<b>2570*</b>	<b>2260</b>	3047	<b>3900</b>	2816	3119
	2571	<b>2280</b>	3049	<b>3901</b>	2817	3120
<b>Cavan</b>	<b>2590</b>	2381	3050	<b>3902</b>	2818	3121
<b>1051</b>	2892	2392	3107		2819	3122
1135	<b>2895</b>	2393	3108	<b>Donegal</b>	2960	3123
1136	<b>2896</b>	2394	3187	1414	2961	3128
1140	2945	2395	3202	2072	2962	<b>3132</b>
1142	3005	2437	3203	2073	<b>2964</b>	<b>3133</b>
1695	<b>3057</b>	2439	3204	2083	2991	<b>3134</b>
1696	3116	2442	3228	2084R	2992	<b>3135</b>
1697	3225	2444	3229	2085	<b>3007</b>	<b>3136</b>
2139	<b>3432</b>	2484	3230	2086	<b>3008</b>	3153
2140	3501	2485	3231	2087	3020	3233
2827	3502	2487	3294	2088	3021	3236
<b>2965</b>	3503	2597	<b>3295</b>	2110	3022	3315
2966	3504	<b>2599</b>	3328	2111	3023	3326
2988	3508	<b>2637</b>	<b>3338</b>	2112	3024	3327
3130	<b>3509</b>	2708	3365	2115	3025	3361
<b>3131</b>	<b>3550</b>	2713	<b>3435</b>	2116	3026	3371
3269	<b>3640</b>	2730	<b>3535</b>	2118	3035	3372
3270	<b>3641</b>	2732	<b>3536</b>	2246R	3036	<b>3496</b>
<b>3277</b>	<b>3642</b>	2740	<b>3537</b>	<b>2290</b>	3037	3543
3400	3643	<b>2812</b>	<b>3538</b>	2349	3038	3557
3414	<b>3644</b>	2813	3586	2351	<b>3039</b>	<b>3820</b>
3526	<b>3679</b>	2814	3587	2354	3040	<b>3855</b>
<b>3539</b>	<b>3728</b>	2815	3605	2357R	<b>3056</b>	<b>3856</b>
3540	<b>3729</b>	2899	<b>3612</b>	2358	<b>3062</b>	
3562	3780	2901	<b>3613</b>	2359	<b>3063</b>	<b>Dublin</b>
3563	<b>3787</b>	2902	3619	2545	3069	<b>1454</b>
3564	<b>3788</b>	2946	<b>3626</b>	2546	3070	2697
3566	<b>3789</b>	2947	3656	2547	3071	<b>2710*</b>

2968	<b>1797</b>	2848	<b>3758</b>	3834	<b>3865*</b>	3740
3139	<b>1798</b>	<b>2885</b>	<b>3781*</b>	3835	<b>3866</b>	<b>3828</b>
3143	1799	<b>2886</b>	3818	3836		<b>3829</b>
<b>3218</b>	1800	<b>2887</b>	<b>3840</b>	3837	<b>Kilkenny</b>	<b>3830</b>
<b>3219</b>	1958	2888	<b>3861</b>	3838	<b>586R*</b>	3832
<b>3220</b>	1959	2889	<b>3862</b>	3847	1814	<b>3928</b>
<b>3221</b>	1960	2932	<b>3879</b>		1815	
3284	1979	2939	<b>3880</b>	<b>Kildare</b>	1913	<b>Laois</b>
<b>3664</b>	1980	2940	<b>3881</b>	<b>600</b>	2821	<b>586R*</b>
<b>3665</b>	1982	2941	<b>3882</b>	1316	2958	<b>754</b>
3776	1983	2942	<b>3883</b>	<b>1317</b>	2996	<b>1640</b>
<b>3821</b>	2090	2943	<b>3884</b>	<b>1318</b>	3105	1641
<b>3865*</b>	2091	2959	<b>3885</b>	<b>1604</b>	<b>3113</b>	1646
	<b>2092</b>	3043	<b>3886</b>	<b>1607</b>	3165	<b>1650</b>
<b>Galway</b>	<b>2093</b>	3080	<b>3897</b>	<b>1608</b>	3195	<b>1652</b>
<b>2</b>	<b>2094</b>	3081	<b>3898</b>	<b>1630</b>	<b>3211</b>	<b>1653</b>
<b>4</b>	<b>2095</b>	3101	<b>3913</b>	<b>1631</b>	<b>3213</b>	<b>1654</b>
15	<b>2096</b>	3144	<b>3914</b>	<b>1632</b>	3214	2217
16	<b>2097</b>	3145	<b>3927</b>	<b>2062*</b>	3215	<b>2218</b>
<b>134</b>	2098	3166	<b>3928</b>	<b>2513</b>	3216	2219
497	2099	3167		<b>2514</b>	3242	2320
<b>541</b>	<b>2100</b>	3169	<b>Kerry</b>	2516	<b>3245R</b>	2321
<b>643</b>	2245	3170	1911	2518	<b>3313</b>	2322
<b>649A</b>	2295	3226	<b>2029</b>	2822	3325*	2474
<b>767</b>	2296	3227	2030	2823	3345	2476
<b>930</b>	<b>2297</b>	3251	2214	<b>2824</b>	3353	<b>2512</b>
<b>934</b>	2301	3280	2270	2830	3354	2623
939R	2318	<b>3307</b>	<b>2586</b>	2831	3355R	2624
952	2449	3362	2777	2834	3357*	<b>2625</b>
<b>1102</b>	2450	3429	2869	<b>3247*</b>	3360*	<b>2627</b>
1105	2451	<b>3459</b>	2933	<b>3329</b>	<b>3404</b>	<b>2747</b>
1235	2452	<b>3470</b>	2934	3330	3409	<b>2748</b>
<b>1362</b>	2520	<b>3471</b>	2935	<b>3331</b>	3520	3009
<b>1364</b>	2521	3479	2954	<b>3332</b>	<b>3521</b>	<b>3147</b>
1375	<b>2526</b>	3480	3016	<b>3374</b>	<b>3522</b>	<b>3158</b>
1376	2532	3482	3076	3427	<b>3523</b>	3160
1382	<b>2533</b>	3505	3077	3433*	<b>3524</b>	3239
1431	<b>2570*</b>	3506	<b>3281</b>	<b>3434</b>	<b>3525</b>	<b>3247*</b>
1432	2583	<b>3507</b>	3370	<b>3547</b>	3559	<b>3263</b>
<b>1677</b>	2584R	<b>3567</b>	<b>3493</b>	<b>3549</b>	3560	<b>3312</b>
<b>1700</b>	2585R	<b>3578</b>	<b>3494</b>	3610	<b>3645*</b>	<b>3322</b>
1704	2646	<b>3615</b>	<b>3495</b>	<b>3614</b>	3693	3356
1762	2647	<b>3637*</b>	3554	<b>3649</b>	<b>3694</b>	3357*
<b>1764</b>	<b>2685</b>	3680	<b>3555</b>	<b>3684</b>	<b>3695</b>	3438
<b>1788</b>	<b>2686</b>	<b>3681</b>	<b>3556</b>	<b>3777</b>	<b>3696*</b>	3458
<b>1789</b>	<b>2687</b>	<b>3692</b>	<b>3742</b>	3792	3708	3533
1790	2689*	<b>3742</b>	<b>3755</b>	3793	3709	3542
<b>1791</b>	2700	<b>3743</b>	<b>3756</b>	3794	3736*	<b>3662</b>
1794	2724	<b>3755</b>	<b>3757</b>	3795	3737	<b>3667</b>
1795	2734	<b>3756</b>	<b>3758</b>	3796	3738	3674
1796	<b>2760</b>	<b>3757</b>	3783	<b>3846</b>	3739	3675

3688	2835	622	1032	3052	3812	3346
3736*	2840*	666	1035	3125	3876	3373
3853	2845	667	1530	3126	3887	3410
	2850	1358	1531	3127		3558
<b>Leitrim</b>	2872	1586	1562	3148R	<b>Meath</b>	3609
879*	2927	1587	1679	3149	1053	3611
1469	3199	1588	1804R	3150	1171	3621
1668	3249	1801	1805	3151	1174R	3622
1670	3267	1802	1806	3173	1319	3636
1672	3268	1803	1810	3176	1322	3660
1673	3279	2579	1811	3182	1323	3731
1675	3293*	2664	1812	3240	1324	3732
2776	3308	2698	2225	3253	1325	3819
2881	3309	2774	2226	3255	1327	3825
2993	3318	2775	2229	3257	1328R	3839
3086	3342	2780	2306	3258	1331	3851
3162	3343	2989	2319	3303	1332	3852
3568*	3344	3363	2396	3304	1333	3873
3585	3366	3364	2397	3337	1334	3874
3586	3367	3527	2398	3378	1338	3875
3672	3368	3628	2399	3379	1339	3909
3673	3369	3629	2401	3389	1380R	3910
	3431	3630	2495	3390	1440R	3912
<b>Limerick</b>	3457	3633	2496	3391	1450*	3925
449	3488	3634	2497	3392	1451R	3926
450	3489		2498	3393	1453R	3938
468*	3544	<b>Louth</b>	2499	3394	1489R	3939
635	3545	1040	2500	3395	1496	
636	3581	2201	2501	3419	1500	<b>Monaghan</b>
786	3582	2271	2502	3420	1601	1356
1302	3590	2742	2503	3423	1661R	1357
1303	3608	3053	2504	3424	1991	1870
1457	3650	3276	2505	3467	2021	2193
1583	3651	3278	2506	3510	2063	2194
1584	3654	3413	2507	3514	2540	2254
1942	3661	3701	2508	3515	2710*	2416
1943	3705	3730	2610	3761*	2778	2677
1945	3807*	3841	2640	3764	2779	2678
1946	3858	3842	2641	3765	2836	2679
1947	3859	3843	2643	3766	2837	2680
1948	3824	3911	2644	3767	2882	2681
1949	3908		2645	3768	2883	2682
2529	3923	<b>Mayo</b>	2875	3769	2884	2683
2530		547	2879	3770	2928	2828
2531	<b>Longford</b>	663	2880	3771	3060*	3027
2579	184	743	2908	3772	3184	3028
2594	185	1022	2909	3773	3260	3066
2638	186	1028	2910	3774	3261	3068
2696	580	1029	2911	3790	3300	3209
2756	581	1030	2912	3791	3301	3469
2762	582	1031	2976	3811	3341	3905

	3273	3685	3396	<b>3185</b>	<b>3696*</b>	3518
<b>Offaly</b>	3283	<b>3637*</b>	3430	3188	3697*	3519
<b>480</b>	3302	<b>3686</b>	3666	<b>3189</b>	<b>3698</b>	3570
<b>481</b>	<b>3417</b>	<b>3744</b>	3734	<b>3246</b>	<b>3699</b>	3571
<b>506*</b>	<b>3418</b>	<b>3745</b>	3735	<b>3262R</b>	<b>3700*</b>	3574
607	<b>3432</b>	<b>3746</b>	<b>3915</b>	<b>3316</b>	3703	3690*
<b>608</b>	<b>3475*</b>	3747	<b>3916</b>	<b>3317</b>	<b>3704</b>	<b>3707*</b>
<b>649A</b>	<b>3648</b>	3748	<b>3919</b>	<b>3318</b>	<b>3705*</b>	3713
890	<b>3668*</b>	3749		<b>3319</b>	<b>3706</b>	3714
<b>1108</b>	<b>3813</b>	3750	<b>Tipperary</b>	<b>3320</b>	<b>3707*</b>	3715
<b>1110</b>	<b>3814</b>	3751	72	3321	<b>3712*</b>	3719
<b>1111</b>	<b>3854</b>	3752	73	<b>3358</b>	<b>3727</b>	3720
<b>1113</b>	<b>3868</b>	3753	74	<b>3359</b>	<b>3782</b>	3724
<b>1178</b>	<b>3907</b>	3754	<b>350</b>	3360*	<b>3785</b>	
<b>1341</b>	<b>3914</b>	<b>3759</b>	<b>468*</b>	3401	<b>3807*</b>	<b>Westmeath</b>
<b>1342</b>	<b>3920</b>	<b>3760</b>	605	3402	<b>3826</b>	<b>505</b>
<b>1343</b>		<b>3761</b>	<b>626</b>	<b>3403</b>	<b>3827</b>	<b>506*</b>
<b>1377</b>	<b>Roscommon</b>	3762	<b>627</b>	3421	3844	<b>1043</b>
<b>1378</b>	562	<b>3763</b>	1575	<b>3425</b>	3845	<b>1044</b>
<b>1624</b>	<b>1310</b>	<b>3781*</b>	1577	<b>3426</b>	<b>3878</b>	<b>1117</b>
<b>1628</b>	1663	<b>3848</b>	1578	3439	<b>3892</b>	<b>1181</b>
<b>1919</b>	1665	<b>3917</b>	<b>1753</b>	<b>3440</b>	<b>3904</b>	<b>1226</b>
<b>2016</b>	1667	<b>3934</b>	2026	<b>3441</b>		<b>1228</b>
<b>2019</b>	<b>1680</b>		2027	3447	<b>Waterford</b>	<b>1229</b>
2323	1899	<b>Sligo</b>	2068	3448	405	<b>1244</b>
<b>2522</b>	1905	757	<b>2069</b>	3451	735	<b>1245</b>
<b>2536</b>	2101	<b>1565</b>	<b>2258</b>	3452	<b>1554</b>	<b>1344</b>
<b>2537</b>	<b>2103</b>	1580	2286	3453	<b>1555</b>	<b>1345</b>
<b>2538</b>	<b>2105</b>	1660	2326	3454	<b>1556</b>	<b>1346</b>
<b>2539</b>	2329	1688	<b>2447</b>	3455	<b>1966</b>	<b>1347</b>
<b>2560</b>	2330	1689	<b>2448</b>	<b>3456</b>	1967	<b>1349</b>
<b>2561</b>	2523	1690	2471R*	<b>3475*</b>	1985	<b>1351</b>
<b>2563</b>	2524	2489	<b>2564</b>	<b>3476</b>	1986	<b>1352</b>
<b>2663</b>	<b>2613</b>	2490	<b>2567</b>	<b>3477</b>	1987	<b>1353</b>
<b>2669</b>	2652	2491	<b>2568</b>	3497	1988	<b>1383</b>
<b>2670</b>	2653	2493	2604	3499	1990	<b>1384</b>
<b>2702</b>	<b>2666</b>	<b>2772*</b>	2621	<b>3552</b>	2035	<b>1385</b>
<b>2757*</b>	2705	2870	2622	<b>3569</b>	2036	<b>1387</b>
<b>2758</b>	<b>2772*</b>	2916	<b>2654</b>	3573	2752	<b>1388</b>
<b>2759</b>	2784	2917	<b>2655</b>	3617	2754	<b>1406</b>
<b>2781</b>	2787	2921	2657	<b>3618</b>	3190	<b>2674</b>
<b>2782</b>	<b>2788</b>	2923	<b>2717</b>	<b>3645*</b>	3191	<b>2675</b>
<b>2786</b>	2981	3099	<b>2718</b>	<b>3646</b>	3192	<b>2676</b>
<b>2859</b>	2982	3380	<b>2839</b>	<b>3647*</b>	3193	<b>2757*</b>
<b>2860</b>	<b>3059</b>	3381	2844	<b>3668*</b>	3194	<b>2866</b>
<b>2861</b>	<b>3163</b>	3382	<b>2852</b>	<b>3669</b>	3201	<b>3152</b>
<b>2864</b>	<b>3248</b>	3383	3032	<b>3670</b>	3205	<b>3232</b>
<b>3115</b>	<b>3436</b>	3384	3082	<b>3677</b>	3206	<b>3324</b>
<b>3129</b>	<b>3460</b>	3385	<b>3097</b>	<b>3678</b>	3207	<b>3405</b>
<b>3159</b>	<b>3474</b>	3386	<b>3156</b>	<b>3689</b>	3208	<b>3406</b>
<b>3266</b>	<b>3561</b>	3387	<b>3161</b>	3690*	3323	<b>3528</b>

3529	2555	3138
3530	2556	3210
3531	<b>2557</b>	<b>3265R</b>
3575	<b>2558</b>	3272
3576	3001	3285
3583	3031	3286
3588	<b>3155</b>	3289
3589	3196	3291
3638	3197	3334
3652*	3198	3335
3653	<b>3237</b>	3565
3655	3264	3606
3658	3274	<b>3676</b>
3659	3275	3798
3722	3296	3799
3813*	3297	<b>3849</b>
3877	3298	<b>3850</b>
3935	3299	<b>3857</b>
3936	<b>3412R</b>	<b>3864</b>
3937	3463	<b>3906</b>
	3464	
<b>Wexford</b>	3465	
1183	3466	
1185	<b>3483</b>	
1188	<b>3484</b>	
1190	<b>3509</b>	
1191	3595	
1192	3597	
1193	<b>3598</b>	
1194	<b>3663</b>	
1196	3822	
1197	<b>3895</b>	
1198	<b>3896</b>	
1199		
1200	<b>Wicklow</b>	
1201	<b>415</b>	
1541	<b>1473</b>	
1542	<b>1715</b>	
1813	1716	
2053	2239	
2236	2240	
2237	2241	
2238	2421	
2267	2426	
2268	2429	
2543	2430	
2544	2432	
<b>2551</b>	2470	
<b>2552</b>	2558	
<b>2553</b>	3029	
<b>2554</b>	3030	

## ADDRESSES OF COMPANIES HOLDING STATE FACILITIES

### A. Prospecting Licences

**Amcorp Ireland Ltd.**

The Lisheen Mine  
Killoran  
Moynes  
Thurles  
Co Tipperary

**Aurum Exploration Ltd.,**

40/41 Watergate Street  
Navan  
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

**Asarco Exploration Plc.**

c/o Crowe Schaffalitzky and Associates Ltd.  
Units 6 + 7  
Dundrum Business Park  
Windy Arbour  
Dublin 14

**BHP World Exploration Inc.**

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

**Glencar Mining Plc.**

71 Lower Baggot Street  
Dublin 2

**Jadebay Ltd**

9 Marine View  
Phoenix Terrace  
Blackrock  
Co. Dublin

**Belmore Resources Ltd.**

103 Rathfarnham Wood  
Dublin 14

**Central Mining Finance**

Charter Plc  
52 Grosvenor Gardens  
London SW1W OAU  
UK

**Clare Calcite Ltd.**

Block 4b, Unit 5  
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

**John Gannon**

Forth Browne  
Lavalley  
Tuam  
Co. Galway

**Kenmare Resources Plc.**

Chatham House  
Chatham Street  
Dublin 2

**Minco Ireland Ltd.**  
c/o Fitzpatrick Morris Barrett  
Chartered Accountants  
74 Pembroke Road  
Dublin 4

**Ormonde Brick Ltd.**  
Castlecomer  
Co. Kilkenny

**Ovoca Resources Plc.**  
York House  
Rear 176 Rathgar Road  
Dublin 6

**Oriel Selection Trust Ltd.**  
15 Joel Terrace,  
East Perth,  
6004 Western Australia

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

**Westland Exploration Ltd.**  
11 Mespil Road  
Dublin 4

**Mineral Estates (Ireland) Ltd.**  
c/o W. A. Exploration Services Pty Ltd  
22 Montes Square  
Riverton  
Western Australia 6148  
Australia

**Dan Morrissey (Ireland) Ltd.**  
Bennykerry House,  
Carlow

**Noranda Exploration Ireland Ltd.**  
35 Cleevaun  
Craddockstown Road,  
Naas  
Co Kildare

**Rennicks and Bennett Ltd.**  
c/o Boliden Tara Mines Ltd.  
Knockumber,  
Navan,  
Co. Meath

**Teck Cominco Ireland Ltd.**  
C/o Aurum Exploration Ltd.  
40/41 Watergate Street  
Navan  
Co. Meath

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

## **B. Mining Facilities**

**The Lisheen Mine Partnership  
Anglo American Exploration Ireland Ltd.**  
The Lisheen Mine  
Killoran, Moyne  
Thurles  
Co. Tipperary

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

**Connemara Marble Products Ltd**  
Moycullen  
Co. Galway

**Eurostone Ltd.**  
Gouldshill House  
Mallow  
Co Cork

**Flemings Fireclays 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

## **SPECIMEN FORMS**

Companies are required to complete and submit a number of forms during the 'life cycle' of obtaining and relinquishing Prospecting Licences. The key forms are listed below, and copies are provided on the following pages.

- **Prospecting Licence Application Form**
- **Prospecting Licence Renewal Application Form**
- **Prospecting Licence Expiry/Surrender Form**
- **Confidential Work Summary Form**
- **Statement of Qualification Form**
- **Statement of Interest Registration Form**

These forms may be photocopied, downloaded from the [www.minex.ie](http://www.minex.ie) website, or obtained from:

Exploration and Mining Division  
Department of Communications, Marine and Natural Resources  
Beggars Bush  
Haddington Road  
Dublin 4

Tel: (01) 678 2000  
Fax: (01) 660 9627

**ROINN CUMARSÁIDE, MARA AGUS ACMHAINNÍ NÁDÚRTHA  
DEPARTMENT OF COMMUNICATIONS, MARINE AND NATURAL  
RESOURCES**

-----

**APPLICATION FOR A PROSPECTING LICENCE UNDER THE MINERALS  
DEVELOPMENT ACTS, 1940 TO 1999**

A separate form should be used for each application. More than one area may be included on the same form only if the areas are adjacent and for the same minerals. If more than one form is used, the relative priorities of all areas must be given. Licences are granted for 6 years unless a shorter period is warranted.

(1) Name(s) of Applicant(s) in full

.....  
.....  
.....  
.....

(2) Address(es) of Applicant(s)

.....  
.....  
.....  
.....  
.....

(3) Address(es) of Applicant(s) Registered Office

.....  
.....  
.....  
.....  
.....

Company Telephone and Fax Number

.....

**(4) Nationality of Applicant(s)**

.....  
.....  
.....

**(5) Occupation of Applicant(s)**

.....  
.....  
.....

In the case of a company that is not the holder of a current prospecting licence, the application must be accompanied by copies of its most recent Annual Report and audited accounts, together with information concerning its share capital and details of significant shareholdings.

**(6) A description of the area sought. In the case of ground for which established boundaries are shown on the prospecting licence map, the area required can simply be referred to by one or more licence numbers. For 'open ground' the boundaries required should be outlined in red on a one inch (or, where appropriate, six inch) Ordnance Sheet.**

.....  
.....  
.....  
.....

**(7) A priority listing of areas, or in the case of open ground, a breakdown of the area in terms of sub-areas in order of priority of interest (where practical or relevant). The area with the highest priority should be listed first.**

.....  
.....  
.....  
.....  
.....

- (8) The basis of the interest of the applicant in this ground (all minerals which are of interest, the basis for the belief that these minerals might be present etc.), and for which the applicant will carry out exploration.

.....

.....

.....

.....

The applicant is invited to submit any maps, diagrams or reports which support the belief of the applicant that minerals are present. This information will be treated as confidential, and will not be placed on Open File at any stage. Such information will assist in determining which applicant (if any) in the case of competition will be offered a Licence over the area.

- (9) (a) A full and detailed description of the programme of prospecting which the applicant proposes to carry out for each of the areas applied for, including particulars of any special techniques or equipment to be used.

.....

.....

.....

.....

.....

.....

.....

.....

.....

- (b) Estimates, **for each two year phase** of the 6-year Licence term, of the proposed expenditure on each category of activity comprising the programme for each area applied for.

.....

.....

.....

.....

.....

**(10)** Information concerning the applicant's previous experience in prospecting for minerals (if not previously the holder of a Prospecting Licence).

.....  
.....  
.....

**(11)** Names, addresses, qualifications and experience of technical experts or advisers who will organise and carry out the prospecting programme. If the applicant will be the operator, then this should be stated.

.....  
.....  
.....  
.....

**(12)** Amount of capital available for operations under the Licence(s) now applied for:

(a) At present available

.....  
.....

(b) Which applicant can make available

.....  
.....

and the source

.....  
.....

Applicants may be asked to provide evidence that these amounts are available.

**(13)** Names and addresses of persons to whom the Minister can refer for evidence as to (a) character, (b) financial standing and (c) technical qualifications of the applicant(s). Independent references must be provided to cover each aspect.

(a)

.....  
.....

(b)

.....  
.....

(c)

.....  
.....

I/We hereby declare that all the foregoing particulars are correct. I/We enclose herewith the Ordnance Sheets referred to under (6) and a remittance of €190.00 per Prospecting Licence being the prescribed fee on application.

Signature(s) of Applicant(s)

.....  
.....  
.....

Date

.....

THE SECRETARY GENERAL

Department of Communications, Marine and Natural Resources,  
Exploration and Mining Division,  
Beggars Bush,  
Haddington Road,  
Dublin 4.

**Note:** Acceptance of applications for prospecting licences for consideration will not create any obligation on the part of the Minister to grant any facilities.

**PROSPECTING LICENCE RENEWAL APPLICATION FORM**

Prospecting Licence No. .... Expiry Date.....

PL Area No. .... Licensee.....

- 1. We wish to make an application for renewal of this Prospecting Licence.
- 2. We enclose the documentation listed below.

**Or**

We undertake to provide the documentation listed below, at least 6 weeks prior to the licence expiry date (i.e. by ...../...../.....).

- 3. We accept that if all requirements are not provided by that date, this application to renew will be deemed invalid and the licence may not be renewed.

**Requirements:**

- The original of the licence document.
- A detailed account of work performed under the licence during the current phase, including details of all occurrences of minerals of potential economic significance. The relevant work report requirements are to be followed.
- The completed Confidential Summary of Work Form.
- Completed 'Statement of Qualification' Form
- Details of the proposed exploration programme for the next two years.
- A firm commitment to the relevant minimum expenditure requirements as given in the 1994 Terms, unless results, at any stage, indicate that further expenditure would not be justified. In that event, the licence will be immediately surrendered.
- Signed agreement to the conditions in the 'Form of Undertaking' (Form 3).

**It is noted that no reminder for outstanding requirements will issue.**

Signed.....  
(authorised representative of the Licence holder)

Name of signatory (block letters).....

Date.....

To be returned to: Exploration and Mining Division  
Department of Communications, Marine and Natural Resources  
Beggars Bush  
Haddington Road  
Dublin 4  
Ireland

### PROSPECTING LICENCE SURRENDER/EXPIRY FORM

**A SEPARATE FORM SHOULD BE COMPLETED FOR EACH PROSPECTING LICENCE.**

- 1. Prospecting Licence No..... Issue date .....
- 2. PL Area No: ..... County:.....
- 3. Licence Holder:.....
- 4. Surrendered / expired with effect from : .....
- 5. (a) Has any work been carried out in the area since submission of the last renewal/review report? **YES / NO**
- (b) If **YES**, has this work been reported to the Exploration & Mining Division **YES** (Date.....) / **NO**

**Note: A FINAL REPORT IS REQUIRED. If it has not been sent in, it MUST be submitted not later than THREE WEEKS after the date that this form is sent. If no work has been done since submission of the last work report, reasons should be given in the final report.**

- 6. (a) Has Diamond drilling with core recovery been carried out at any time during your tenure of the licence? **YES / NO**
- (b) If **YES**, please indicate
  - (i) Number of holes drilled .....
  - (ii) Total meterage .....
  - (iii) Location where core is stored .....
  - (iv) Contact name and phone number for access to core .....
- 7. Do you intend to retain the core? **YES / NO**

**Note: If you do not intend to retain the core** it must not be disposed of until written authorisation is received from EMD and signed by an Inspector of the Department of Communications, Marine and Natural Resources. Permission to dispose of core must be sought in writing (with appropriate details of core and location map) from the Exploration and Mining Division.

Signed: .....  
(Authorised representative of the Licence holder)

Name of signatory (block letters) ..... Date: .....

To be returned to: Exploration and Mining Division,  
Department of Communications, Marine and Natural Resources  
Beggars Bush,  
Haddington Road,  
Dublin 4.

**CONFIDENTIAL SUMMARY OF WORK**

Every Work Report (i.e. for each Prospecting Licence area), must be accompanied by a completed “Summary of Work” form. This summary should include all work carried out in the Prospecting Licence area during the period to which the report relates (generally the previous two years).

Please answer for all categories of work. If no work was carried out, enter “None”. For these entries, no entry is required for the “Cost” window. Costs should be entered to the nearest €100.

Prospecting Licence Area

Date issued

Work period From  to

Licensee

Operator

Type of report (X in box)    1. Renewal     2. Review     3. Expiry     4. Surrender

Submitted by

Date

Signature .....

\*\*\*\*\*

**WORK CARRIED OUT**

**Geology**

	Area (sq. km)	Cost €
(a) Geological Mapping	<input type="text"/>	<input type="text"/>
(b) Prospecting	<input type="text"/>	<input type="text"/>

Other	Technique	
(c)	<input type="text"/>	<input type="text"/>
(d)	<input type="text"/>	<input type="text"/>

**Geochemistry**

	Number of samples	Cost €
(a) Soil	<input type="text"/>	<input type="text"/>
(b) Stream sediment	<input type="text"/>	<input type="text"/>
(c) Deep overburden	<input type="text"/>	<input type="text"/>
(d) Lithochemochemistry	<input type="text"/>	<input type="text"/>
(e) Assays (core)	<input type="text"/>	<input type="text"/>
Other Sample type		
(f) <input type="text"/>	<input type="text"/>	<input type="text"/>
(g) <input type="text"/>	<input type="text"/>	<input type="text"/>

**Geophysics**

		Area (sq. km)	Cost €
(a) Airborne	(i) Magnetics	<input type="text"/>	<input type="text"/>
	(ii) EM	<input type="text"/>	<input type="text"/>
	Other Technique		
	(iii) <input type="text"/>	<input type="text"/>	<input type="text"/>
	(iv) <input type="text"/>	<input type="text"/>	<input type="text"/>
(b) Ground	(i) IP / Resistivity	<input type="text"/>	<input type="text"/>
	(ii) EM (incl. TEM)	<input type="text"/>	<input type="text"/>
	(iii) Gravity	<input type="text"/>	<input type="text"/>
	(iv) VLF EM	<input type="text"/>	<input type="text"/>
	Other Techniques		
	(v) <input type="text"/>	<input type="text"/>	<input type="text"/>
	(vi) <input type="text"/>	<input type="text"/>	<input type="text"/>
(c) Borehole geophysics (Specify Technique)		Number of holes	Cost €
	(i) <input type="text"/>	<input type="text"/>	<input type="text"/>
	(ii) <input type="text"/>	<input type="text"/>	<input type="text"/>

**Drilling and Trenching**

	Number of holes	Metres drilled	Cost €
(a) Diamond drilling (cored)	<input type="text"/>	<input type="text"/>	<input type="text"/>
(b) Open hole drilling	<input type="text"/>	<input type="text"/>	<input type="text"/>
(c) Trenching		Metres trenched <input type="text"/>	<input type="text"/>

**Other work**

(a) Environmental	Cost € <input type="text"/>
-------------------	--------------------------------

Other Type of work	Cost €
(b) <input type="text"/>	<input type="text"/>

(c) <input type="text"/>	<input type="text"/>
--------------------------	----------------------

**6. Total estimated cost of all work carried out**

Cost € <input type="text"/>
--------------------------------

The proposed exploration programme for the next two years will include:

.....  
.....  
.....  
.....

(November 2005)

**STATEMENT OF QUALIFICATION FOR TECHNICAL REPORTS**

This declaration is to be completed by the author of the report(s) or by the individual responsible for endorsing and signing off technical reports, and should be attached to the front of the report.

PL areas.....

County(ies) .....

Period to which report relates .....

**Declaration**

The attached report has been approved by the undersigned, a Qualified Person as recognised by the Exploration and Mining Division, Department of Communications, Marine and Natural Resources.

Name (Capitals).....

Professional Association (current membership number).....

.....

Relevant area(s) of expertise as recognised by the Professional Association .....

.....

Signature.....

Date.....

**STATEMENT OF INTEREST FOR PROSPECTING FACILITIES UNDER THE MINERALS DEVELOPMENT ACTS, 1940 TO 1999**

Application is hereby made to lodge a 'Statement of Interest' for prospecting facilities in

County(ies) .....

Minerals of interest are: .....

The area concerned is included:

(a) within the following Prospecting Licence areas: .....

**and** as marked on the attached copy of the relevant part of the most recent map of

'State Mining and Prospecting Areas' issued by the Department;

**or**

(b) in an open area the boundaries of which are given on the attached map at a scale of half inch / one inch / six inches to the mile, 1:25,000 or other appropriate scale.

Applicant's name and address

.....  
.....  
.....  
.....

Date: .....

To be returned to: Exploration and Mining Division,  
Department of Communications, Marine and Natural Resources,  
Beggars Bush,  
Haddington Road,  
Dublin 4,  
Ireland.