



Department of Communications, Energy and Natural Resources
Roinn Cumarsáide, Fuinnimh agus Acmhainní Nádurtha

MINERALS DEVELOPMENT ACTS, 1940-1999

REPORT BY THE MINISTER FOR COMMUNICATIONS,
ENERGY AND NATURAL RESOURCES

FOR THE SIX MONTHS ENDED
31 DECEMBER 2012

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

www.mineralsireland.ie

**DEPARTMENT OF COMMUNICATIONS,
ENERGY AND NATURAL RESOURCES**

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EXPLORATION AND MINING DIVISION
Minerals Production MP 01/13

DUBLIN
PUBLISHED BY THE STATIONERY OFFICE

To be purchased through any bookseller, or directly from the
Government Publications Mail Order
52 St Stephen's Green
Dublin 2

01 6476000.

This report may also be found on the Internet
At www.dcenr.ie where it was posted shortly after
It's presentation to the Oireachtas

Sale Price: €12.70

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MINERALS DEVELOPMENT ACTS, 1940-1999

Report by the Minister for Communications, Energy and Natural Resources for the Six Months ended 31 December 2012

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

The **Report** sets out details of the State Mining Leases, State Mining Licences and Prospecting Licences current as of **31 December 2012** and the total amount of all moneys collected by the Minister under or by virtue of any such Lease or Licence or otherwise in connection with the Minerals Development Acts for the twelve months ended **31 December 2012**.

As of **31 December 2012** there were:

- **9** extant State Mining Leases
- **10** extant State Mining Licences
- **589** extant Prospecting Licences

In the period of six months ended **31 December 2012**:

- **20** Prospecting Licences were granted
- **27** Prospecting Licences were surrendered

Total receipts for the twelve months ended 31 December 2012 amounted to **€8,963,508.91**

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PART 1***10 State Mining Licences and 9 State Mining Leases granted under the Acts and current during the period 1 July 2012 to 31 December 2012***

(Except those marked * which were granted under the Mines and Minerals Act, 1931 (No. 54))

SUMMARY

| SML NO. | HELD BY | COUNTY | VALIDITY | | MAIN COMMODITY |
|------------------------------|--|-----------|------------|------------|---|
| | | | FROM | TO | |
| State Mining Licences | | | | | |
| 1 | Galmoy Mines Ltd. | Kilkenny | 03.02.1995 | 02.02.2016 | Lead and Zinc |
| 2 | Boliden Tara Mines Ltd. | Meath | 03.07.1998 | 28.02.2013 | Lead and Zinc |
| 3 | Boliden Tara Mines Ltd. | Meath | 03.07.1998 | 28.02.2013 | Lead and Zinc |
| 4 | Boliden Tara Mines Ltd. | Meath | 11.09.2000 | 28.02.2013 | Lead and Zinc |
| 5 | Boliden Tara Mines Ltd. | Meath | 15.01.2004 | 28.02.2013 | Lead and Zinc |
| 6 | Galmoy Mines Ltd. | Kilkenny | 29.08.2002 | 02.02.2016 | Lead and Zinc |
| 8 | Galmoy Mines Ltd. | Kilkenny | 21.01.2005 | 02.02.2016 | Lead and Zinc |
| 9 | Galmoy Mines Ltd. | Kilkenny | 28.08.2005 | 02.02.2016 | Lead and Zinc |
| 10 | Galmoy Mines Ltd. | Kilkenny | 28.02.2005 | 02.02.2016 | Lead and Zinc |
| 134 | Ormonde Brick Ltd. | Kilkenny | 01.06.2004 | 31.05.2029 | Coal and Fireclay |
| State Mining Leases | | | | | |
| 17* | Joyce's Marble Quarries Ltd. | Galway | 01.10.1933 | 30.09.2032 | Marble and Other Minerals |
| 23* | Fleming's Fireclays Ltd. | Laois | 01.03.1935 | 29.02.2032 | Fireclay, Coal |
| 30* | Connemara Marble Products Ltd. | Galway | 01.11.1937 | 31.10.2034 | Marble |
| 37 | Fleming's Fireclays Ltd. | Laois | 14.11.1940 | 13.11.2039 | Fireclay, Coal and Other Minerals |
| 79 | Joyce's Marble Quarries Ltd. | Galway | 01.12.1957 | 30.11.2056 | Marble and Other Minerals |
| 116 | Boliden Tara Mines Ltd. | Meath | 01.09.1975 | 28.02.2013 | Zinc, Lead and Other Minerals |
| 139 | Irish Gypsum Ltd. | Monaghan | 12.11.2002 | 11.11.2032 | Gypsum, Anhydrite and Other Minerals |
| 140 | (1) Vedanta Lisheen Mining Ltd. (formerly Anglo American Lisheen Mining Ltd.) (2) Killoran Lisheen Mining Ltd. (3) Lisheen Milling Co. | Tipperary | 07.10.1997 | 06.10.2027 | Zinc, Lead and Other Minerals |
| 144 | Boliden Tara Mines Ltd. | Meath | 01.07.2006 | 30.06.2021 | Zinc, Lead and Other Minerals |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Ardbraccan (part), Knockumber (part), County Meath (Licence No. 2) |
| <u>Area:</u> | 35.61 hectares |
| <u>Period:</u> | 3 July 1998 to 28 February 2013 |
| <u>Consideration:</u> | Once off payment of €190,460.71 in lieu of Royalties |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Parts of the townlands of Whistlemount in County Meath (Licence No. 3) |
| <u>Area:</u> | 1.06 hectares or thereabouts |
| <u>Period:</u> | 3 July 1998 to 28 February 2013 |
| <u>Consideration:</u> | Once off payment of €507,895.23 in lieu of royalties |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Part of the townlands of Ardbraccan and Glebe, County Meath (Licence No. 4) |
| <u>Area:</u> | 39.36 hectares or thereabouts |
| <u>Period:</u> | 11 September 2000 to 28 February 2013 |
| <u>Consideration:</u> | Once off payment of €126,973.80 in lieu of royalties |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Part of the townlands of Ardbraccan and Boyerstown, County Meath (Licence No. 5) |
| <u>Area:</u> | 87.17 hectares or thereabouts |
| <u>Period:</u> | 15 January 2004 to 28 February 2013 |
| <u>Consideration:</u> | Once off payment of €1,050,000.00 in lieu of royalties |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Parts of the townlands of Whistlemount, Knockumber, Liscartan and other townlands in County Meath (Lease No. 116) |
| <u>Area:</u> | 1,769 hectares or thereabouts |
| <u>Period:</u> | 36 years from 1 September 1975 (extended to 28 February 2013) |
| <u>Consideration:</u> | Dead Rent of €12,697.38 per annum. Dead rent of €44,440.83 per annum in the event of stoppage of working the minerals. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Boliden Tara Mines Ltd. Knockumber House, Navan, County Meath |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Parts of the townland of Nevinstown in County Meath (Lease No. 144) |
| <u>Area:</u> | 49.3 hectares or thereabouts |
| <u>Period:</u> | 15 years from 1 July 2006 (expires 30 June 2021) |
| <u>Consideration:</u> | Once off payment of €600,000.00 in lieu of royalties |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Connemara Marble Products Ltd. Moycullen, County Galway |
| <u>Minerals:</u> | Marble and all other minerals |
| <u>Lands Concerned:</u> | Cregg (part), Ballinahinch, County Galway (Lease No. 30)) |
| <u>Area:</u> | 4 hectares or thereabouts |
| <u>Period:</u> | 97 years from 1 November 1937 (expires 31 October 2034) |
| <u>Consideration:</u> | Dead Rent of €25.39 per annum and Royalties into which Dead Rent will merge, at the rate of 2½% on all sales of marble raised and gotten. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Fleming's Fireclays Ltd. The Swan, Athy, County Kildare |
| <u>Minerals:</u> | Coal, fireclay and other minerals (Lease No. 23) |
| <u>Lands Concerned:</u> | Moyadd (part), Aghadreen (part), Knockacrin (part) and Slatt Lower, County Laois |
| <u>Area:</u> | 384 hectares |
| <u>Period:</u> | 97 years from 1 March 1935 (expires 29 February 2032) |
| <u>Consideration:</u> | Dead Rent of €31.74 per annum and royalties, in which the Dead Rent will merge, at the following rates: €0.0159 per metric tonne on coal, culm or carbonaceous matter; €0.0105 per metric tonne on fireclay raised. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Fleming's Fireclays Ltd. The Swan, Athy, County Kildare By Assignment |
| <u>Minerals:</u> | Coal, fireclay and other minerals (Lease No. 37) |
| <u>Lands Concerned:</u> | Slatt Lower (part) and Ballylethane Upper (part), County Laois |
| <u>Area:</u> | 121.4 hectares |
| <u>Period:</u> | 99 years from 14 November 1940 (expires 13 November 2039) |
| <u>Consideration:</u> | Dead Rent of €31.74 per annum and royalties, in which the Dead Rent will merge, at the following rates: €0.0159 per metric tonne on coal, culm or carbonaceous matter; €0.0105 per metric tonne on fireclay and 4% of the value of all other minerals. |

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|---|--|
| <u>Name and Address of Licensee:</u> | Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny |
|---|--|

| | |
|--------------------------------|--|
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Castletown (part), Garrylaun (part), Rathreagh (part), Whiteswall (part), County Kilkenny (Licence No. 1) |
| <u>Area:</u> | 141 hectares or thereabouts |
| <u>Period:</u> | 21 years from 3 February 1995 (expires 2 February 2016) |
| <u>Consideration:</u> | Licence Fee of €63,486.90 per annum for each of the first two years of Licence; €126,973.80 per annum for the third year of Licence and each subsequent year until the working of the minerals has permanently ceased; and €25,394.76 per annum for each year thereafter with provision to index the Licence Fee at the end of every third year from the commencement date to take account of changes in money values. Royalties, in which the Licence Fee will merge, at the following rates: 1.5% of revenue per annum until 31 August 2000; 2.5% of revenue per annum from 1 September 2000 until 28 February 2001; 1.25% of revenue per annum from 1 March 2001 until 30 June 2006; and 1.75% of revenue per annum from 1 July 2006 until the minerals are worked out. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Rathreagh (part) (Licence No. 6) |
| <u>Area:</u> | 26 hectares or thereabouts |
| <u>Period:</u> | 13.5 years from 29 August 2002 (expires 2 February 2016) |
| <u>Consideration:</u> | The Licence provides for an annual Licence Fee of €5,000 per annum subject to indexation in line with the C.P.I. Accordingly the Annual Fee increased to €5,590 in February 2004. Thereafter the Licence Fee shall be indexed at the end of every three-year period to account for changes in money values. Royalties, in which the Licence Fee will merge, at the following rate: 1.25% per annum of revenue until 30 June 2006; and 1.75% per annum of revenue from 1 July 2006 until the minerals are worked out. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Rathreagh (part) (Licence No. 8) |
| <u>Area:</u> | 12.9 hectares or thereabouts |
| <u>Period:</u> | 11 years from 21 January 2005 (expires 2 February 2016) |
| <u>Consideration:</u> | Licence Fee of €15,000 per annum for each year until the working of the minerals has permanently ceased. In February 2007 the Licence Fee shall be increased or decreased by the same proportion as the CPI has increased or decreased between February 2001 and February 2007. Thereafter the Licence Fee shall be indexed at the end of every three-year period to account for changes in money values. Royalties, in which the Licence Fee will merge, at the following rate: 1.25% of revenue per annum until 30 June 2006. 1.75% of revenue per annum thereafter until the minerals are worked out. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Castletown (part) (Licence No. 10) |
| <u>Area:</u> | 109 hectares or thereabouts |
| <u>Period:</u> | 11 years from 28 February 2005 (expires 2 February 2016) |
| <u>Consideration:</u> | Licence Fee of €5,000.00 per annum for each year until the working of the minerals has permanently ceased. In February 2007 the Licence Fee shall be increased or decreased by the same proportion as the CPI has increased or decreased between February 2001 and February 2007. Thereafter the Licence Fee shall be indexed at the end of every three-year period to account for changes in money values. Royalties, in which the Licence Fee will merge, at the following rate: 1.25% of revenue per annum until 30 June 2006. 1.75% of revenue per annum thereafter until the minerals are worked out. |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Galmoy Mines Ltd. (formerly Arcon Mines Ltd.) Galmoy, via Thurles, County Kilkenny |
| <u>Minerals:</u> | Lead, zinc and other minerals |
| <u>Lands Concerned:</u> | Rathreagh (part) (Licence No. 9) |
| <u>Area:</u> | 33.0 hectares or thereabouts |
| <u>Period:</u> | 10.5 years from 25 August 2005 (expires 2 February 2016) |
| <u>Consideration:</u> | Licence Fee of €15,000.00 per annum for each year until the working of the minerals has permanently ceased. In February 2007 the Licence Fee shall be increased or decreased by the same proportion as the CPI has increased or decreased between February 2001 and February 2007. Thereafter the Licence Fee shall be indexed at the end of every three-year period to account for changes in money values. Royalties, in which the Licence Fee will merge, at the following rate: 1.25% of revenue per annum until 30 June 2006. 1.75% of revenue per annum thereafter until the minerals are worked out. |

| | |
|---|--|
| <u>Name and Address of Licensee:</u> | Irish Gypsum Ltd. Unit 14, Park West Industrial Park, Dublin 12 |
| <u>Minerals:</u> | Gypsum, anhydrite and all other minerals |
| <u>Lands Concerned:</u> | Ballycartlan, Derryleeg, Derrynaglah, Derrynascobe, Drumgoosat, Drummond (E.D. Enagh), Enagh, Knocknacran East and Knocknacran West, Co. Monaghan, and Cormey in Co. Cavan (Lease No. 139) |
| <u>Area:</u> | 4.57 square kilometres |
| <u>Period:</u> | 30 years from 12 November 2002 (expires 11 November 2032) |
| <u>Consideration:</u> | Dead Rent of €29,387.08 per annum and royalties in which the Dead Rent will merge at the following rate: €0.6343 per tonne on the minerals raised, gotten and taken away. On 1 December 2005, the Dead Rent and royalties were increased by 12.5% to €33,060.46 per annum and €0.7136 per tonne in line with the Consumer Price Index. Every four years thereafter, the Dead Rent and royalties shall be altered in line with the C.P.I. to take account of changes in monetary values and price levels. |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Joyce's Marble Quarries Ltd. Lissoughter, Recess, Connemara, County Galway By Assignment |
| <u>Minerals:</u> | Marble and all other minerals |
| <u>Lands Concerned:</u> | Barnanoraun (part), County Galway (Lease No. 17) |
| <u>Area:</u> | 24.65 hectares or thereabouts |
| <u>Period:</u> | 99 years from 1 October 1933 (expires 30 September 2032) |
| <u>Consideration:</u> | Dead Rent of €15.24 per annum and royalties, in which the Dead Rent will merge, at the following rate: €0.3174 per metric tonne on all marble raised, gotten and taken away and 4% of all other minerals. |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Joyce's Marble Quarries Ltd. Lissoughter, Recess, Connemara, County Galway By Assignment |
| <u>Minerals:</u> | Marble and all other minerals |
| <u>Lands Concerned:</u> | Tievebreen (part), County Galway (Lease No. 79) |
| <u>Area:</u> | 16.19 hectares |
| <u>Period:</u> | 99 years from 1 December 1957 (expires 30 November 2056) |
| <u>Consideration:</u> | Dead Rent of €25.39 per annum and royalties, in which the Dead Rent will merge, at the following rates: €0.3123 per metric tonne on all marble raised, gotten and taken away, 4% on all other minerals. |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Ormonde Brick Ltd. Castlecomer, County Kilkenny |
| <u>Minerals:</u> | Coal and fireclay |
| <u>Lands Concerned:</u> | Gorteen (part), County Kilkenny (Licence No. 134) |
| <u>Area:</u> | 13.25 hectares |
| <u>Period:</u> | 25 years from 01 June 2004 (expires 31 May 2029) |
| <u>Consideration:</u> | Dead Rent of €1,000 per annum and royalty, into which Dead Rent will merge at the following rates: €0.45 per tonne on fireclay raised; 2½% of sales revenue (net of VAT) on coal. |

| | |
|---|---|
| <u>Name and Address of Licensee:</u> | Vedanta Lisheen Mining Ltd. Killoran Lisheen Mining Ltd. Lisheen Milling Co. Killoran, Moyne, Thurles, County Tipperary |
| <u>Minerals:</u> | All minerals except gold |
| <u>Lands Concerned:</u> | Derryville (part), Killoran (part), Ballyerk (part), Barnalisheen (part), County Tipperary (Lease No. 140) |
| <u>Area:</u> | 188 hectares |
| <u>Period:</u> | 30 years from 7 October 1997 (expires 6 October 2027) |
| <u>Consideration:</u> | Dead Rent of €63,486.90 for the first year; €126,973.80 for the second year; €380,921.42 for each subsequent year until production ceases; and €25,394.76 for each year thereafter; with provision to index the Dead Rent at the end of every third year from the commencement date to take account of changes in money values. Royalties, into which the Dead Rent will merge, at the following rates: 1.75% per annum of revenue until 31 December 2000; 1.5% per annum of revenue from 1 January 2001 until 31 December 2007; and 3.5% per annum of revenue from 1 January 2008 until the minerals are worked out. |

PART 2

Minerals Prospecting Licences granted under the Acts and current during the period 01 July 2012 to 31 December 2012

Note: The townlands referred to in the second column of the following tables are the key townlands in respect of each prospecting licence. However, in each case, neighbouring townlands (not specified in the Tables) are involved.

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

Application Fee

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

Consideration

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

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

Special Consideration as incentive for prospecting in under-explored areas

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

- (a) Open ground, i.e., areas that have never been licensed,
- and
- (b) Open areas that have not been licensed for over four years.

ADVENTUS EXPLORATION LTD

UNIT S-C,
 KELLS BUSINESS PARK,
 VIRGINIA ROAD,
 KELLS,
 CO. MEATH.

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 3841 | Carrickcarnan | Louth | Base Metals, Barytes, Gold, Platinum Group Metals | 05/07/2012 | |
| 4088 | Aghaboys | Louth | Base Metals, Barytes, Gold, Platinum Group Metals | 05/07/2012 | |
| 4089 | Ballinful | Louth | Base Metals, Barytes, Gold, Platinum Group Metals | 05/07/2012 | |

AURUM MINERAL RESOURCES LTD.

UNIT S/C KELLS BUSINESS PARK
 VIRGINIA ROAD
 KELLS, CO MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 3824 | Rockbarton | Limerick | Base Metals, Barytes, Silver & Gold | 27/5/2004 | |

BALLINALACK RESOURCES LTD

THE MURROUGH
 WICKLOW, CO WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 622 | Legan | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |
| 1344 | Rathowen | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 30/11/2005 | |
| 1345 | Grange | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 30/11/2005 | |
| 1346 | Ballinalack | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 30/11/2005 | |
| 1383 | Bottomy | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |
| 1384 | Coole | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 19/12/2011 | |
| 1385 | Moyne | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |
| 2775 | Derragh | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 19/12/2011 | |
| 3655 | Slieveboy | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 19/12/2011 | |
| 3936 | Killinagh | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |

BELMORE RESOURCES LTD.

C/O LUNDIN MINING EXPLORATION LTD.

7 SUAN

QUIN, CO CLARE

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|---------------|---------------------------------------|--------------|--------------------|
| 3640 | Ardsollus | Clare | Base Metals, Barytes & Silver | 14/7/2008 | |
| 3641 | Ballyconneely | Clare | Base Metals, Barytes & Silver | 14/7/2008 | |
| 3642 | Rathlaheen North | Clare | Base Metals, Barytes, Silver & Gold | 30/9/2005 | |
| 3643 | Cant | Clare | Base Metals, Barytes & Silver | 25/5/1999 | |
| 3679 | Ballyhannan North | Clare | Base Metals, Barytes, Silver & Gold | 19/12/2005 | |
| 3787 | Maghera | Clare | Base Metals, Barytes & Silver | 08/6/1994 | |
| 3788 | Ballyragget | Clare | Base Metals, Barytes, Silver, Calcite | 08/6/1994 | |

BELMORE RESOURCES LTD.

C/O LUNDIN MINING EXPLORATION LTD.
7 SUAN
QUIN, CO CLARE

| | | | | |
|------|----------------|-------|---|------------|
| 3789 | Derrymore West | Clare | & Fluorite Base Metals, Barytes & Silver | 08/6/1994 |
| 3863 | Cappanapeasta | Clare | Base Metals, Barytes, Silver, Calcite & Fluorite | 21/05/1997 |

BHP WORLD EXPLORATION INC.

SUITE 800-FOUR BENTALL CENTRE, 1055
VANCOUVER, BC V7X 1L2
CANADA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 1500 | Rathcore | Meath | Base Metals, Barytes, Silver, Gold & Iron | 14/12/1995 | |

BOLIDEN TARA MINES LTD.

KNOCKUMBER HOUSE
KNOCKUMBER ROAD
NAVAN, COUNTY MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 626 | Arra More | Tipperary | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 627 | Ballylina | Tipperary | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 1102 | Newforest | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 1198 | Camolin | Wexford | Base Metals, Barytes, Silver & Gold | 10/03/2000 | |
| 1322 | Coolronan | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 1323 | Moyrath | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 1324 | Kilbride | Meath | Base Metals, Barytes, Silver & Gold | 16/11/1995 | |
| 1325 | Bellewsstown | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 1327 | Bailis | Meath | Base Metals, Barytes, Silver & Gold | 20/04/2011 | |
| 1339 | Ballivor | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 1341 | Ballycommon | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 1343 | Ballinegar | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 1450 | Blackwater | Meath/ Dublin | Base Metals, Barytes, Silver & Gold | 20/04/2011 | |
| 1583 | Newpark | Limerick | Base Metals, Barytes, Silver & Gold | 01/05/1991 | |
| 1677 | Milltown | Galway | Base Metals, Barytes, Silver & Gold | 07/07/2012 | |
| 1680 | Mountdelvin | Roscommon | Base Metals, Barytes, Silver & Gold | 27/11/2006 | |
| 1949 | Kilmallock | Limerick | Base Metals, Barytes, Silver & Gold | 27/05/1987 | |
| 2520 | Liscuill | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2521 | Acre East | Galway | Base Metals, Barytes, Silver & Gold | 07/07/2012 | |
| 2522 | Geashill | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2537 | Eskermore | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2538 | Edenderry | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2560 | Garrycastle | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2568 | Annagh | Tipperary | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2613 | Ashbrook | Roscommon | Base Metals, Barytes, Silver & Gold | 11/05/2007 | |
| 2674 | Higginstown | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 2700 | Ballygar | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | 02//10/2012 |
| 2702 | Killeigh | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2748 | Quarrymount | Laois | Base Metals, Barytes, Silver & Gold | 15/11/2006 | 07//11/2012 |
| 2781 | Derrycooly | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | 07//11/2012 |
| 2782 | Mucklagh | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | 07//11/2012 |
| 2836 | Branstown | Meath | Base Metals, Barytes, Silver & Gold | 20/04/2011 | |
| 2861 | Rathrobin | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 2887 | Castlegar | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3059 | Brackloon | Roscommon | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 3249 | Mountcoote | Limerick | Base Metals, Barytes, Silver & Gold | 27/05/1987 | |
| 3266 | Mountpleasant | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |

BOLIDEN TARA MINES LTD.
KNOCKUMBER HOUSE
KNOCKUMBER ROAD
NAVAN, COUNTY MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|--------------------|-------------------------------------|--------------|--------------------|
| 3324 | Ballyhealy | Westmeath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3346 | Ballyboy | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3368 | Toryhill | Limerick | Base Metals, Barytes, Silver & Gold | 27/04/1988 | |
| 3373 | Barfordstown | Meath | Base Metals, Barytes, Silver & Gold | 01/03/1993 | |
| 3429 | Newgrove | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3432 | Gorteen | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3436 | Derrane | Roscommon | Base Metals, Barytes, Silver & Gold | 11/05/2007 | |
| 3470 | Kinnakinelly | Galway | Base Metals, Barytes, Silver & Gold | 27/11/2006 | |
| 3471 | Kildaree | Galway | Base Metals, Barytes, Silver & Gold | 27/11/2006 | |
| 3488 | Wolfesburgess | Limerick | Base Metals, Barytes, Silver & Gold | 02/05/1988 | |
| 3489 | Rathkeale | Limerick | Base Metals, Barytes, Silver & Gold | 02/05/1988 | |
| 3545 | Kilcolman | Limerick | Base Metals, Barytes, Silver & Gold | 17/11/2009 | |
| 3549 | Carbury | Kildare | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3561 | Ballagh | Roscommon | Base Metals, Barytes, Silver & Gold | 11/05/2007 | |
| 3582 | Bottomstown | Limerick | Base Metals, Barytes, Silver & Gold | 29/07/2002 | |
| 3622 | Bective | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3637 | Pollynoon | Galway / Roscommon | Base Metals, Barytes, Silver & Gold | 27/11/2006 | |
| 3638 | Archerstown | Westmeath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3681 | Airgloony | Galway | Base Metals, Barytes, Silver & Gold | 07/07/2012 | |
| 3685 | Carroward | Roscommon | Base Metals, Barytes, Silver & Gold | 11/05/2007 | |
| 3742 | Newbridge | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3743 | Ardour | Galway | Base Metals, Barytes, Silver & Gold | 07/07/2012 | |
| 3744 | Addergoole | Roscommon | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 3755 | Kilkerrin | Galway | Base Metals, Barytes, Silver & Gold | 07/07/2012 | |
| 3757 | Cultiafadda | Galway | Base Metals, Barytes, Silver & Gold | 27/11/2006 | |
| 3781 | Creggs | Roscommon / Galway | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 3848 | Athleague | Roscommon | Base Metals, Barytes, Silver & Gold | 30/03/2007 | |
| 3851 | Nugentstown | Meath | Base Metals, Barytes, Silver & Gold | 30/04/2001 | |
| 3852 | Martinstown | Meath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3858 | Ashgrove | Limerick | Base Metals, Barytes, Silver & Gold | 17/11/2009 | |
| 3867 | Fairfield | Galway | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3868 | Kilcruttin | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3912R | Rathaldron | Meath | Base Metals, Barytes, Silver & Gold | 19/04/2002 | |
| 3923 | Attyflin | Limerick | Base Metals, Barytes, Silver & Gold | 27/05/2004 | |
| 3932 | Rickardstown | Westmeath | Base Metals, Barytes, Silver & Gold | 16/12/2005 | |
| 3940 | Cappagh | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3941 | Oldtown | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3942 | Croghanhill | Offaly | Base Metals, Barytes, Silver & Gold | 15/11/2006 | |
| 3943 | Knockdrin | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3944 | Tyrrellstown | Westmeath | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3945 | Ballykilmore | Westmeath | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3946 | Ballybeg | Westmeath | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3947 | Kilbeggan | Offaly | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3948 | Kiltober | Westmeath | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3956 | Culleen | Offaly / Westmeath | Base Metals, Barytes, Silver & Gold | 25/01/2007 | |
| 3980 | Boherdeel | Offaly | Base Metals, Barytes, Silver & Gold | 12/06/2008 | |
| 3990 | Arlonstown | Meath | Base Metals, Barytes, Silver & Gold | 20/04/2011 | |
| 3994 | Ardagh | Limerick | Base Metals, Barytes, Silver & Gold | 17/11/2009 | |
| 3995 | Ballinree | Offaly | Base Metals, Barytes, Silver & Gold | 22/02/2010 | |
| 4045 | Ballinree | Offaly | Base Metals, Barytes, Silver & Gold | 06/02/2011 | |
| 4051 | Assey | Meath | Base Metals, Barytes, Silver & Gold | 20/04/2011 | |
| 4092 | Castlepole | Meath | Base Metals, Barytes, Silver & Gold | 20/03/2012 | |
| 1380R | Ardraccon (Part) | Meath | Base Metals, Barytes, Silver & Gold | 31/12/1970 | |
| 1489R | Dunmoe | Meath | Base Metals, Barytes, Silver & Gold | 26/10/1970 | |
| 1661R | Liscarton (Part) | Meath | Base Metals, Barytes, Silver & Gold | 31/12/1971 | |

BOWPARK EXPLORATION (IRELAND) LTD.
 NOREVIEW
 THOMASTOWN
 COUNTY KILKENNY

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 2923 | Arnasbrack | Sligo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | 18/10/2012 |
| 3380 | Cabragh | Sligo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | |
| 3381 | Ballyglass | Sligo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | |
| 3382 | Cloonacool | Sligo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | |
| 3385 | Bellanaboy | Sligo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | 18/10/2012 |
| 3389 | Carrowleagh | Mayo | Base Metals, Barytes, Silver & Gold | 10/9/2010 | 18/10/2012 |
| 3390 | Ballymore | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3391 | Ardrass | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3392 | Belgarrow | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3393 | Askillau | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3394 | Attinaskollia | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3395 | Aghaward | Mayo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 3396 | Annagh Beg | Sligo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 4038 | Carrowculleen | Sligo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 4039 | Grange More | Sligo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |
| 4040 | Belville | Sligo | Base Metals, Barytes, Silver & Gold | 10/09/2010 | 18/10/2012 |

BROWN GARY R
 C/O SLR CONSULTING
 7 DUNDRUM BUSINESS PARK, WINDY ARBOUR
 DUBLIN 14

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|----------------------|--------------|--------------------|
| 930 | Murvey | Galway | Base Metals & Silver | 25/9/2006 | |
| 934 | Carna | Galway | Base Metals & Silver | 31/12/2005 | |

CANEX JV
 12 DURHAM ROAD
 SANDYMOUNT
 DUBLIN 4

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 3777 | Barretstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/12/2011 | |

CLARE CALCITE LTD.
 BLOCK 10, UNIT 3
 BLANCHARDSTOWN CORPORATE BUSINESS PARK
 DUBLIN 15

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|---------------|-----------------|--------------|--------------------|
| 3679 | Ballyhannan North | Clare | Calcite | 27/10/1991 | |

CONNEMARA MINING CO. LTD.
 162 CLONTARF ROAD
 DUBLIN 3

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 1051 | Mountnugent | Cavan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/01/2005 | |
| 1053 | Oldcastle | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/01/2005 | |
| 1577 | Ashhill | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 07/07/2008 | |
| 1578 | Archerstown | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 07/07/2008 | |

| | | | | | |
|------|-------------|-----------|--|------------|------------|
| 1991 | Ross | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/01/2005 | |
| 2029 | Castlemaine | Kerry | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 31/01/2005 | 14/09/2012 |
| 2553 | Askinamoe | Wexford | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Caesium & Lithium | 16/04/2008 | |
| 2554 | Abbeydown | Wexford | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Caesium & Lithium | 16/04/2008 | |
| 2555 | Askunshin | Wexford | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Caesium & Lithium | 16/04/2008 | |
| 2558 | Ballingate | Wicklow | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Caesium & Lithium | 16/04/2008 | |
| 3156 | Ballindigny | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 29/09/2008 | 14/09/2012 |
| 3321 | Borris | Tipperary | Base Metals, Barytes, Silver, Gold, Iron & Platinum Group Metals | 07/07/2008 | |
| 3425 | Annaghbeg | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 29/09/2008 | 14/09/2012 |
| 3678 | Ardcrony | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 29/09/2008 | 14/09/2012 |
| 3925 | Boodies | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/01/2005 | |
| 3926 | Loughcrew | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/01/2005 | |
| 3953 | Ballycahill | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 29/09/2008 | 14/09/2012 |
| 4053 | Ballycahill | Wexford | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Caesium, Lithium, Niobium, Tin, Tantalum & Tungsten | 07/07/2011 | |

CONROY GOLD LTD.

10 UPPER PEMBROKE STREET
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 2194 | Tullybuck | Monaghan | Base Metals, Barytes, Silver & Gold | 15/07/1996 | |

CONROY GOLD AND NATURAL RESOURCES PLC.

10 UPPER PEMBROKE STREET
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 1356 | Mullyash | Monaghan | Base Metals, Barytes, Antimony, Silver & Gold | 23/01/1998 | |
| 1357 | Tomogrow | Monaghan | Base Metals, Barytes, Antimony, Silver & Gold | 23/01/1998 | |
| 1870 | Tassan | Monaghan | Base Metals, Barytes, Silver & Gold | 10/04/1997 | |
| 2139 | Aghagashlan | Cavan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 2683 | Leck | Monaghan | Base Metals, Barytes, Silver & Gold | 15/07/1996 | |
| 2892 | Dooros | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 2896 | Ballymalone | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 3028 | Knocknamaddy | Monaghan | Base Metals, Barytes, Silver & Gold | 15/07/1996 | |
| 3066 | Carnaskea | Monaghan | Base Metals, Barytes, Silver & Gold | 16/07/2012 | |
| 3068 | Aghadrumkeen | Monaghan | Base Metals, Barytes, Silver & Gold | 16/07/2012 | |
| 3130 | Crumlin | Cavan | Base Metals, Barytes, Silver & Gold | 27/11/1996 | |
| 3131 | Aghagolrick | Cavan | Base Metals, Barytes, Silver & Gold | 16/07/2012 | |

**CONROY GOLD AND NATURAL RESOURCES
PLC.**10 UPPER PEMBROKE STREET
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|----------------------|---|--------------|--------------------|
| 3185 | Seskin | Tipperary | Base Metals, Barytes, Silver & Gold | 04/12/2011 | |
| 3188 | Grangemockler | Tipperary | Base Metals, Barytes, Silver & Gold | 04/12/2011 | |
| 3325 | Blackbog | Tipperary / Kilkenny | Base Metals, Barytes, Silver & Gold | 04/12/2011 | |
| 3400 | Drumheel | Cavan | Base Metals, Barytes, Silver & Gold | 27/11/1996 | |
| 3500 | Ballybran | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 3502 | Aillemore | Clare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 3503 | Ardskeagh | Clare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 3504 | Cloontra | Clare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 3572 | Aghaboy | Cavan | Base Metals, Silver, Gold & Gem Minerals | 03/09/2007 | |
| 3623 | Barnagrow | Cavan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 3624 | Dooreagh | Cavan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 3625 | Ardmone | Cavan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 3696 | Cruan | Tipperary / Kilkenny | Base Metals, Barytes, Silver & Gold | 04/12/2011 | |
| 3808 | Derrycnaw | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 3869 | Aghnamullen | Monaghan | Base Metals, Barytes, Antimony, Silver & Gold | 20/08/1998 | |
| 4028 | Altbeagh | Cavan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 4029 | Carrickaldragh | Cavan / Monaghan | Base Metals, Silver, Gold & Gem Minerals | 20/04/2009 | |
| 4093 | Aughrim | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 4094 | Corrakyle | Clare | Base Metals, Barytes, Silver & Gold | 14/05/2012 | |
| 4098 | Aghatotan | Cavan | Base Metals, Barytes, Silver & Gold | 15/07/2012 | |

DAN MORRISSEY (IRELAND) LTD.BENNEKERRY HOUSE
COUNTY CARLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|----------------|-----------------|--------------|--------------------|
| 3891 | Rossmore (Part) | Laois | Coal & Fireclay | 27/9/1999 | |
| 3931 | Rossmore | Laois / Carlow | Coal & Fireclay | 27/4/2005 | |

EMERALD ZINC LTDUNIT S/C KELLS BUSINESS PARK
VIRGINIA ROAD
KELLS
CO MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|--------------------|-------------------------------------|--------------|--------------------|
| 1113 | Clara | Offaly | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 2786 | Brackagh | Offaly | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 3588 | Ardnurcher | Westmeath | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 3589 | Aghamore | Westmeath | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 3652 | Ardballymore | Offaly / Westmeath | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 3813 | Ballycumber | Offaly / Westmeath | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |
| 4023 | Ardnaponra | Offaly / Westmeath | Base Metals, Barytes, Silver & Gold | 16/03/2010 | |

EXPLORATION & DISCOVERY LTD.18 FITZWILLIAM PLACE
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 1244 | Ballyhast | Westmeath | Base Metals, Barytes & Silver | 23/07/2007 | |
| 1387 | Balrath | Westmeath | Base Metals, Barytes & Silver | 08/08/2007 | |
| 1388 | Ardnagross | Westmeath | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 1650 | Boley Upper | Laois | Base Metals, Barytes & Silver | 25/02/2008 | |
| 1667 | Ballygate | Roscommon | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 1801 | Barnacor | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 1802 | Aghakeel | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |

EXPLORATION & DISCOVERY LTD.
18 FITZWILLIAM PLACE
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|-----------------|-------------------------------------|--------------|--------------------|
| 1803 | Ballagh | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 1982 | Ballybuck North | Galway | Base Metals, Barytes & Silver | 12/03/2011 | |
| 2637 | Annagh North | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2664 | Ahanagh | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2698 | Aghnagore | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2780 | Bundoon | Longford | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2784 | Drinagh | Roscommon | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3158 | Barnadarrig | Laois | Base Metals, Barytes & Silver | 25/02/2008 | |
| 3263 | Ballinlough | Laois | Base Metals, Barytes & Silver | 25/02/2008 | |
| 3293 | Ardskeagh | Limerick / Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3295 | Ardadam | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3338 | Ballinvonear | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3365 | Altamira | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3527 | Cartronfin | Longford | Base Metals, Barytes & Silver | 23/07/2007 | |
| 3528 | Moyvore | Westmeath | Base Metals, Barytes & Silver | 23/07/2007 | |
| 3529 | Bigfurze | Westmeath | Base Metals, Barytes & Silver | 23/07/2007 | |
| 3530 | Ballard | Westmeath | Base Metals, Barytes & Silver | 23/07/2007 | |
| 3531 | Dalystown | Westmeath | Base Metals, Barytes & Silver | 23/07/2007 | |
| 3535 | Curraglass | Cork | Base Metals, Barytes, Silver & Gold | 09/07/2007 | |
| 3536 | Ballybeg | Cork | Base Metals, Barytes, Silver & Gold | 09/07/2007 | |
| 3537 | Ballymague | Cork | Base Metals, Barytes, Silver & Gold | 09/07/2007 | |
| 3538 | Bregoge | Cork | Base Metals, Barytes, Silver & Gold | 09/07/2007 | |
| 3583 | Castletown | Westmeath | Base Metals, Barytes, Silver & Gold | 23/07/2007 | |
| 3664 | Ballymadun | Dublin | Base Metals, Barytes, Silver & Gold | 07/10/2008 | |
| 3665 | Cabragh | Dublin | Base Metals, Barytes, Silver & Gold | 07/10/2008 | |
| 3692 | Annagh | Galway | Base Metals, Barytes & Silver | 19/09/2007 | |
| 3902 | Ballyandrew | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3989 | Brownstown | Meath | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3991 | Allcollege | Meath | Base Metals, Barytes, Silver & Gold | 07/10/2008 | |
| 3992 | Balrickard | Dublin | Base Metals, Barytes, Silver & Gold | 07/10/2008 | |
| 4041 | Abbeyleix Demesne | Laois | Base Metals, Barytes & Silver | 02/12/2010 | |
| 4042 | Aharney | Laois | Base Metals, Barytes & Silver | 02/12/2010 | |
| 4046 | Ballynahowna | Galway | Base Metals, Barytes & Silver | 15/01/2011 | |
| 4048 | Ballinduff | Galway | Base Metals, Barytes & Silver | 12/03/2011 | |

FRACTORE PTY. LTD.

11 FRENCH STREET
CAMBERWELL
VICTORIA 3124
AUSTRALIA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|----------------------|-------------------------------|--------------|--------------------|
| 3705 | Corderry | Limerick / Tipperary | Base Metals, Barytes & Silver | 18/4/2007 | 21/08/2012 |

GALMOY MINES LTD.

GALMOY
VIA THURLES
CO KILKENNY

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|------------------|-------------------------------------|--------------|--------------------|
| 754 | Lisduff | Laois | Base Metals, Barytes, Silver & Gold | 20/2/1987 | |
| 3312 | Newtown | Laois | Base Metals, Barytes & Silver | 04/8/1987 | |
| 4036 | Kilcoran | Laois / Kilkenny | Base Metals, Barytes, Silver & Gold | 26/10/1981 | |

GROSVENOR EXPLORATION AND MINING SERVICES (IRELAND) LTD
 C/O UHY FARRELLY DAWE WHITE CORPORATE COMPLIANCE LTD
 FDW HOUSE, BLACKTHORN BUSINESS PARK
 COES ROAD
 DUNDALK
 CO LOUTH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------|--------------|--------------------|
| 2964 | Ballyloskey | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3007 | Aghatubbrid | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3008 | Balleeghan | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3062 | Aghaglassan | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3094 | Ballybrack | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3496 | Baskill | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |
| 3856 | Ballagh | Donegal | Diamonds, Gem Minerals & Gold | 08/09/2010 | |

HENDRICK RESOURCES IRELAND
 C/O BRG (Geotechnics) Limited
 Unit 8B, Block C
 Athy Business Campus
 Athy
 Co. Kildare

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|---------------|---|--------------|--------------------|
| 1196 | Clone | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 1199 | Balcarrig | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 04/10/2012 | |
| 1200 | Ballaghboy | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 04/10/2012 | |
| 2053 | Annagh Long | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 2236 | Annagh Central | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 2237 | Ballingarry Lower | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 2238 | Ashwood Lower | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 2268 | Ballyboro | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 2552 | Ballybeg | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group | 13/01/2012 | |

HENDRICK RESOURCES IRELAND
 C/O BRG (Geotechnics) Limited
 Unit 8B, Block C
 Athy Business Campus
 Athy
 Co. Kildare

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 3676 | Ballykelly | Wexford | Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 3896 | Ballylusk | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 27/10/2012 | |
| 4079 | Ashtown | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 4080 | Ballinlecka | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 13/01/2012 | |
| 4081 | Ballyorrlil | Wexford | Barytes, Base Metals, Caesium, Gold, Lithium, Niobium, Platinum Group Metals, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |

HIBERNIAN RESOURCES LTD.
 UNIT S/C KELLS BUSINESS PARK,
 VIRGINIA ROAD,
 KELLS, CO MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|--------------------|---------------|-------------------------------------|--------------|--------------------|
| 1555 | Aglish | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 1556 | Ballinanchor | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 1966 | Ballinwillin | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 1967 | Affane | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 2280 | Currabea | Cork | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3713 | Ballintaylor Lower | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3714 | Acres | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3715 | Ballinure | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3716 | Ballinterry | Cork | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3717 | Ballyarra | Cork | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3718 | Ballybride Lower | Cork | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |
| 3719 | Ahaunboy South | Waterford | Base Metals, Barytes, Silver & Gold | 26/01/2010 | |

IMC EXPLORATION LTD.
 ENTERPRISE CENTRE
 MULLINGAR
 CO WESTMEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|--------------------|-------------------------------------|--------------|--------------------|
| 2103 | Ardnaglug | Roscommon | Base Metals, Barytes & Silver | 14/05/2011 | |
| 2239 | Glenart | Wicklow | Base Metals, Barytes, Silver & Gold | 12/05/2011 | |
| 2551 | Ballinacoola | Wexford | Base Metals, Barytes, Silver & Gold | 12/05/2011 | |
| 2777 | Boherboy | Kerry | Barytes, Base Metals & Silver | 15/02/2012 | |
| 3128 | Knader | Donegal | Barytes, Base Metals & Silver | 31/03/2012 | |
| 3132 | Sheegys | Donegal | Barytes, Base Metals & Silver | 31/03/2012 | |
| 3133 | Portnason | Donegal | Barytes, Base Metals & Silver | 31/03/2012 | |
| 3134 | Rosscat | Donegal | Barytes, Base Metals & Silver | 31/03/2012 | |
| 3136 | Moneymore | Donegal | Barytes, Base Metals & Silver | 31/03/2012 | |
| 3370 | Camp | Kerry | Barytes, Base Metals & Silver | 15/02/2012 | |
| 3426 | Oldcourt | Tipperary | Base Metals, Barytes & Silver | 12/05/2011 | |
| 3460 | Camcloon | Roscommon | Base Metals, Barytes & Silver | 14/05/2011 | |
| 3550 | Aughboy | Clare | Base Metals, Barytes & Silver | 31/05/2011 | |
| 3644 | Ballycally | Clare | Base Metals & Barytes | 12/05/2011 | |
| 3668 | Ballinree | Tipperary / Offaly | Base Metals, Barytes & Silver | 31/05/2011 | |
| 3670 | Gortmore | Tipperary | Base Metals, Barytes & Silver | 12/05/2011 | |
| 3677 | Dromineer | Tipperary | Base Metals, Barytes & Silver | 12/05/2011 | |
| 3729 | Feakle | Clare | Base Metals, Barytes & Silver | 20/04/2011 | |
| 3783 | Dromore | Kerry | Barytes, Base Metals & Silver | 15/02/2012 | |
| 3806 | Ballycannan | Clare | Base Metals, Barytes & Silver | 31/05/2011 | |
| 3857 | Ballinvally | Wicklow / Wexford | Base Metals, Barytes, Silver & Gold | 12/05/2011 | |

IRISH RESOURCE EXPLORATION LTD.
 22 NORTHUMBERLAND ROAD
 BALLSBRIDGE
 DUBLIN 4

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-----------------|--------------|--------------------|
| 2645 | Finny | Galway | Silver & Gold | 29/06/2012 | |
| 3169 | Barrevagh | Galway | Silver & Gold | 04/7/2011 | |
| 3170 | Cahergal | Galway | Silver & Gold | 29/06/2012 | |

KENMARE RESOURCES PLC.
 CHATHAM HOUSE
 CHATHAM STREET
 DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-----------------------|--------------|--------------------|
| 3237 | Beckville | Wexford | Base Metals & Barytes | 29/9/2008 | |

LUNDIN MINING EXPLORATION LTD.
 7 SUAN
 QUIN
 COUNTY CLARE

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|---------------|--|--------------|--------------------|
| 185 | Aghnacranagh | Longford | Base Metals, Barytes, Silver & Gold | 17/04/2006 | |
| 186 | Carrickboy | Longford | Base Metals, Barytes & Silver | 31/05/2005 | |
| 582 | Tirlickeen | Longford | Base Metals, Barytes & Silver | 19/06/1991 | |
| 1302 | Abbeylands | Limerick | Base Metals, Barytes & Silver | 07/08/2009 | |
| 1584 | Ballylin | Limerick | Base Metals, Barytes & Silver | 07/08/2009 | |
| 1586 | Clogh | Longford | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 1670 | Ardagh | Leitrim | Base Metals, Barytes & Silver | 08/12/2008 | |
| 1672 | Acres | Leitrim | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 1675 | Annaghmore | Leitrim | Base Metals, Barytes & Silver | 07/08/2009 | |
| 2579 | Currahchase | Limerick | Base Metals, Barytes, Silver & Gold | 17/04/2006 | |
| 2696 | Carrigogunnel | Limerick | Base Metals, Barytes, Silver & Gold | 28/02/2006 | |
| 2776 | Clooncoe | Leitrim | Base Metals, Barytes & Silver | 08/12/2008 | |
| 2835 | Kildimo | Limerick | Base Metals, Barytes, Silver & Gold | 20/02/2006 | |
| 2881 | Adoon | Leitrim | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 2895 | Ballynahinch | Clare | Base Metals, Barytes & Silver | 14/06/2011 | |
| 3269 | Bohora | Cavan | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 3363 | Bawn | Longford | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 3364 | Ballinallee | Longford | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 3366 | Ballyfoleen North | Limerick | Base Metals, Barytes & Silver | 07/08/2009 | |
| 3508 | Sixmilebridge | Clare | Base Metals, Barytes, Silver, Calcite & Fluorite | 16/11/1998 | |
| 3509 | Ballinphunta | Clare | Base Metals, Barytes, Silver & Gold | 20/08/2012 | |
| 3544 | Shanagolden | Limerick | Base Metals, Barytes, Silver & Gold | 17/04/2006 | |
| 3608 | Askeaton | Limerick | Base Metals, Barytes, Silver & Gold | 17/04/2006 | |
| 3628 | Brocklagh | Longford | Base Metals, Barytes, Silver & Gold. | 26/01/2012 | |
| 3633 | Cloontirm | Longford | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 3888 | Aghnacross | Leitrim | Base Metals, Barytes & Silver | 08/12/2008 | |
| 3889 | Aghintass | Leitrim | Base Metals, Barytes & Silver | 08/12/2008 | |
| 3890 | Acres | Leitrim | Base Metals, Barytes & Silver | 08/12/2008 | |
| 4059 | Bredagh | Leitrim | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 4060 | Corriga | Leitrim | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 4083 | Annagh | Cavan | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 4084 | Cappagh | Cavan | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |
| 4085 | Aghabane | Cavan | Base Metals, Barytes, Silver & Gold | 26/01/2012 | |

MERREX GOLD INCORPORATED
 1550 BEDFORD HIGHWAY
 SUITE 802, SUN TOWER
 BEDFORD, NOVA SCOTIA B4A 1W6
 CANADA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|----------------------|-------------------------------------|--------------|--------------------|
| 468 | Ardohill | Tipperary / Limerick | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 890 | Ardra | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 1044 | Annagh | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 1228 | Aghanvoneen | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 1229 | Glebe West | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |

MERREX GOLD INCORPORATED
 1550 BEDFORD HIGHWAY
 SUITE 802, SUN TOWER
 BEDFORD, NOVA SCOTIA B4A 1W6
 CANADA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|--------------------|-------------------------------------|--------------|--------------------|
| 1604 | Betaghstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 1608 | Carragh | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 1624 | Annamoe | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 1628 | Aghameelick | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 1640 | Ballycarroll | Laois | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 2654 | Ballycrana | Tipperary | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3331 | Clane | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 3406 | Ardborra | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3552 | Lattin East | Tipperary | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3648 | Clonavoe | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 3722 | Athlone | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3782 | Ballyhusty | Tipperary | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3854 | Bishopswood | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 3866 | Barnaran | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 3920 | Ballynakill | Offaly | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 3981 | Aghafin | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3982 | Ballynahown | Westmeath / Offaly | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 3983 | Ballinderry | Westmeath | Base Metals, Barytes, Silver & Gold | 26/11/2011 | |
| 4065 | Derrygile | Laois | Base Metals, Barytes, Silver & Gold | 28/11/2011 | |
| 4068 | Bodenstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 4069 | Kilmeage | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 4070 | Boherkill | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 4071 | Walterstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 4072 | Pollardstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |
| 4073 | Barrettstown | Kildare | Base Metals, Barytes, Silver & Gold | 19/11/2011 | |

METALLUM EXPLORATION LTD.

8 SANDEL VILLAGE
 KNOCKLYNN ROAD
 COLERAINE
 CO DERRY, BT52 1WW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|-------------------|---------------|--|--------------|--------------------|
| 1142 | Aghadreenagh | Cavan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/06/2009 | |
| 1696 | Ardoohy | Cavan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/06/2009 | |
| 2416 | Aghnahola | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/06/2009 | |
| 2677 | Aghaboy | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 2678 | Ardnasallem | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 2679 | Aghaloughan | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 2680 | Aghagaw | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 2681 | Aghalisk | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 2682 | Aghananimy | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 3209 | Barratitopy Lower | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 3997 | Aghaderry | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |

METALLUM EXPLORATION LTD.

8 SANDEL VILLAGE
KNOCKLYNN ROAD
COLERAINE
CO DERRY, BT52 1WW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 3998 | Aghnaha | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 3999 | Brackagh | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 4000 | Acres | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/02/2009 | |
| 4001 | Aghnaguig | Cavan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/06/2009 | |
| 4002 | Altartate | Monaghan | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/06/2009 | |

MIDAS MINERAL RESOURCES LTD.

UNIT 6 O'BOYCES CORNER
STATION ROUNDABOUT
LETTERKENNY
CO DONEGAL

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------------|-------------------------------------|--------------|--------------------|
| 405 | Seafield | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 735 | Kilmeadan | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 1373 | Carton | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 1641 | Ballintogher | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 1913 | Luffany | Kilkenny | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 2219 | Aghnahily | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 2512 | Aghamaddock | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 2610 | Nealepark | Mayo | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 2724 | Doon | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 2752 | Scrahan | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 2754 | Adramone beg | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 2946 | Aghadown | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2947 | Ardagh north | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 2948 | Ardagilla | Cork | Base Metals, Barytes, Silver & Gold | 26/08/2008 | |
| 3063 | Ballyargus | Donegal | Base Metals, Barytes, Silver & Gold | 19/05/2009 | |
| 3095 | Ardmore | Donegal | Base Metals, Barytes, Silver & Gold | 24/09/2010 | |
| 3144 | Derroua | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3166 | Letterfore | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3194 | Kilmovee | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3195 | Doornane | Kilkenny/ Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3205 | Adamstown | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3206 | Raheens | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3207 | Crough | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3208 | Monvoy | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3251 | Glengowla East | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3323 | Ashtown | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3423 | Cahernabrock | Mayo | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3424 | Carrowmore | Mayo | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3427 | Ashgrove | Kildare | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3467 | Aghalahard | Mayo | Base Metals, Barytes, Silver & Gold | 07/04/2009 | |
| 3505 | Wormhole | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3506 | Claremount | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3518 | Faha | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |

MIDAS MINERAL RESOURCES LTD.
 UNIT 6 O'BOYCES CORNER
 STATION ROUNDABOUT
 LETTERKENNY
 CO DONEGAL

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 3570 | Quillia | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3571 | Cheekpoint | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3574 | Deelish | Waterford | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3649 | Aughrim | Kildare | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3662 | Baunree | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3674 | Ballyking | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3675 | Ballycoolan | Laois | Base Metals, Barytes, Silver & Gold | 29/09/2008 | |
| 3682 | Glenrevagh | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3820 | Cabry | Donegal | Base Metals, Barytes, Silver & Gold | 19/05/2009 | |
| 3880 | Derreighter | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3881 | Lackavrea | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3921 | Cleenagh | Donegal | Base Metals, Barytes, Silver & Gold | 24/09/2010 | |
| 3922 | Annaslee | Donegal | Base Metals, Barytes, Silver & Gold | 24/09/2010 | |
| 3959 | Ballygally | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3964 | Ballyfruit | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3965 | Rafwee | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |
| 3966 | Pollnahallia | Galway | Base Metals, Barytes, Silver & Gold | 19/12/2007 | |

MYTILUS MINERALS LTD.

61 BELLISK DRIVE
 CUSHENDALL
 CO ANTRIM BT44 OAX

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 2819 | Letterilly | Donegal | Base Metals, Barytes, Silver, Gold & Fluorite | 22/6/2010 | 10/12/2012 |
| 3072 | Ardun | Donegal | Base Metals, Barytes, Silver, Gold & Fluorite | 22/6/2010 | 10/12/2012 |
| 3372 | Toome | Donegal | Base Metals, Barytes, Silver, Gold & Fluorite | 22/6/2010 | |

OMAGH MINERALS LIMITED

56 BOTERA UPPER ROAD
 OMAGH
 CO. TYRONE BT78 5LH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|----------------------------------|--------------|--------------------|
| 2315 | Aghafoy | Donegal | Barytes Base Metals Gold, Silver | 30/03/2012 | |
| 3235 | Carn | Donegal | Barytes Base Metals Gold, Silver | 30/03/2012 | |
| 3039 | Corveen | Donegal | Barytes Base Metals Gold, Silver | 30/03/2012 | |
| 3040 | Blabreenagh | Donegal | Barytes Base Metals Gold, Silver | 30/03/2012 | |

ORIEL SELECTION TRUST LTD.

C/O LHM CASEY MCGRATH
 6 NORTHBROOK ROAD
 DUBLIN 6

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 1562 | Ballindoo | Mayo | Base Metals, Barytes, Silver & Gold | 30/1/2011 | |
| 2115 | Barnes Lower | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth | 22/2/2010 | |

ORIEL SELECTION TRUST LTD.
C/O LHM CASEY MCGRATH
6 NORTHBROOK ROAD
DUBLIN 6

| | | | | |
|------|-----------------|---------|---|-----------|
| 2545 | Adderwal | Donegal | Elements Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 2546 | Bellanmore | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 2795 | Cleengort | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 2803 | Ardinawark | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 20/4/2011 |
| 3771 | Ballintadder | Mayo | Base Metals, Barytes, Silver & Gold | 30/1/2011 |
| 3772 | Barnacahoge | Mayo | Base Metals, Barytes, Silver & Gold | 30/1/2011 |
| 3887 | | Mayo | Base Metals, Barytes, Silver & Gold | 27/4/2005 |
| 3929 | Glentavraun | Mayo | Base Metals, Barytes, Silver & Gold | 27/4/2005 |
| 3930 | Kilmovee | Mayo | Base Metals, Barytes, Silver & Gold | 27/4/2005 |
| 3971 | Carrickmahon | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 20/4/2011 |
| 3978 | Doocrow | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 20/4/2011 |
| 3979 | Cashelnavean | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 20/4/2011 |
| 3986 | Carrickatimpan | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 3987 | Ardachrin | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 4003 | Ballymaquin | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |
| 4004 | Ballybuninabber | Donegal | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Rare Earth Elements | 22/2/2010 |

RENNICKS AND BENNETT LTD.
C/O BOLIDEN TARA MINES LTD.
KNOCKUMBER
NAVAN
COUNTY MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------|--------------|--------------------|
| 1496 | Scallanstown | Meath | Base Metals, Barytes & Silver | 16/8/1971 | |

STRATEGIC MATERIALS PTY LTD
 UNIT 205/30 THE AVENUE,
 NEDLANDS, 6009,
 WESTERN AUSTRALIA, AUSTRALIA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 1473 | Ballybeg | Wicklow | Base Metals Gold, Lithium, Molybdenum, Niobium, Rare Earth Elements, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 1715 | Askakeagh | Wicklow | Base Metals Gold, Lithium, Molybdenum, Niobium, Rare Earth Elements, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 1716 | Ballagh | Wicklow | Base Metals Gold, Lithium, Molybdenum, Niobium, Rare Earth Elements, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 3029 | Aughrim Lower | Wicklow | Base Metals Gold, Lithium, Molybdenum, Niobium, Rare Earth Elements, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 3030 | Ballinacor South | Wicklow | Base Metals Gold, Lithium, Molybdenum, Niobium, Rare Earth Elements, Silver, Tantalum, Tin, Tungsten | 12/01/2012 | |
| 3257 | Doolough | Mayo | Base Metals, Tin, Niobium, Zircon, Tantalum & Rare Earth Elements | 28/12/2011 | |

SUNRISE RESOURCES PLC

SILK POINT
 QUEENS ROAD
 MACCLESFIELD
 CHESHIRE SK10 2BB, UK

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 4033 | Abbey | Cork | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 23/11/2009 | |

TECK IRELAND LTD

THE MURROUGH
 WICKLOW, CO WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 184 | Cross | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |
| 580 | Aghantrah | Wexford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/09/2012 | |
| 581 | Cloonfinfy | Wexford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/09/2012 | |
| 666 | Edgeworthstown | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/12/2005 | |
| 667 | Keeloges | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2006 | |
| 786 | Ardshanbally | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 19/10/2009 | |
| 1043 | Aghnapisha | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2009 | |
| 1178 | Garr | Offaly | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/8/2006 | |

TECK IRELAND LTD
THE MURROUGH
WICKLOW, CO WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------------|---|--------------|--------------------|
| 1181 | Clonbore | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/6/2006 | |
| 1245 | Addinstown | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/02/2012 | |
| 1316 | Coolree | Kildare | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1317 | Killbrook | Kildare | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1318 | Kilcock | Kildare | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1319 | Greenan | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/02/2012 | |
| 1331 | Culmullin | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1332 | Agher | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1333 | Ballastran | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1334 | Knocks | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1338 | Clonee | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 1347 | Multyfarnham | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 30/11/2005 | |
| 1349 | Ben | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/02/2012 | |
| 1351 | Taghmon | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 30/11/2005 | |
| 1352 | Ballagh | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 30/11/2005 | |
| 1353 | Ardvaghan | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/09/2012 | |
| 1406 | Killucan | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 30/1/2006 | |
| 1587 | Abbeylara | Longford | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 21/9/2010 | |
| 1588 | Aghaboy | Longford | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 21/9/2010 | |
| 1601 | Castlefarm | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 2062 | Rahin | Offaly / Kildare | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/6/2006 | |
| 2063 | Baconstown | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |
| 2069 | Ardbaun | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 22/3/2011 | |
| 2098 | Ballynageeragh | Galway | Base Metals, Barytes & Silver | 15/6/2009 | |
| 2099 | Aggard Beg | Galway | Base Metals, Barytes & Silver | 15/6/2009 | |
| 2447 | Ballyduag | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 29/12/2009 | |
| 2539 | Killowen | Offaly | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 08/8/2006 | |
| 2540 | Castlejordan | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 08/8/2006 | |
| 2564 | Ballycasey | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/6/2008 | |

TECK IRELAND LTD
THE MURROUGH
WICKLOW, CO WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|-------------------------|--|--------------|--------------------|
| 2567 | Abbeville | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 31/8/2006 | |
| 2710 | Court | Dublin | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2774 | Aghamore | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 21/9/2010 | |
| 2778 | Cherryvalley | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2779 | Summerhill | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2882 | Bradystown | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2883 | Balfestown | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2884 | Brownrath | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 2840 | Balybeg | Limerick / Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 07/7/2011 | |
| 3152 | Raherenry | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 30/1/2006 | |
| 3163 | Callowbeg | Roscommon | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/3/2007 | |
| 3232 | Lynn | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 16/1/2006 | |
| 3318 | Ballynahow | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 22/3/2011 | |
| 3329 | Corbally | Kildare | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 3369 | Ballynahown | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 22/9/2010 | |
| 3374 | Moyvalley | Kildare | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 08/8/2006 | |
| 3405 | Aghafin | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 20/2/2009 | |
| 3476 | Ballyquick | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 31/1/2006 | |
| 3477 | Portland | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 31/1/2006 | |
| 3569 | Ballycarrane | Tipperary | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 22/3/2011 | |
| 3575 | Riverstown | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/6/2006 | |
| 3576 | Kinnegad | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/6/2006 | |
| 3611 | Ferrestown | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 3614 | Barnhall | Kildare | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 26/01/2012 | |
| 3634 | Clondalee More | Longford | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/12/2005 | |
| 3636 | Clondalee More | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/12/2005 | |
| 3658 | Kilpatrick | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 12/02/2012 | |
| 3659 | Ballynagall | Westmeath | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 12/02/2012 | |
| 3660 | Diamor | Meath | Base Metals, Barytes, Silver, Gold & Platinum Group | 12/02/2012 | |

TECK IRELAND LTD
THE MURROUGH
WICKLOW, CO WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 3727 | Ballynavin | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/6/2008 | |
| 3839 | Boltown | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/02/2012 | |
| 3878 | Ballycapple | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/6/2008 | |
| 3907 | Ardavagga | Offaly | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 12/6/2008 | |
| 3935 | Sionhill | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 31/1/2006 | |
| 3937 | Milltown | Westmeath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/6/2006 | |
| 3938 | Toor | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/6/2006 | |
| 3939 | Molerick | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/6/2006 | |
| 3996 | Annagh | Longford | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 20/2/2009 | |
| 4035 | Athlummon | Tipperary | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 29/12/2009 | |
| 4052 | Tullykane | Meath | Metals Base Metals, Barytes, Silver, Gold & Platinum Group | 26/01/2012 | |

TERRA ENERGY LTD
18 FITZWILLIAM PLACE
DUBLIN 2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------------|-----------------|--------------|--------------------|
| 4005 | Brockagh | Leitrim | Coal | 19/7/2011 | |
| 4006 | Alteen | Leitrim / Cavan | Coal | 19/7/2011 | |
| 4007 | Acres | Leitrim | Coal | 19/7/2011 | |
| 4008 | Barragh More | Leitrim | Coal | 19/7/2011 | |
| 4009 | Beagh | Leitrim | Coal | 19/7/2011 | |
| 4010 | Ballynashee | Sligo | Coal | 19/7/2011 | |
| 4011 | Glassalt | Leitrim / Roscommon | Coal | 19/7/2011 | |
| 4012 | Aghabehy | Sligo / Roscommon | Coal | 19/7/2011 | |
| 4013 | Carntullagh | Leitrim / Cavan | Coal | 19/7/2011 | |
| 4014 | Knockgorm | Leitrim / Cavan | Coal | 19/7/2011 | |
| 4015 | Altrock | Leitrim / Cavan | Coal | 19/7/2011 | |
| 4016 | Altakeeran | Leitrim | Coal | 19/7/2011 | |
| 4017 | Aghaginny | Leitrim | Coal | 19/7/2011 | |

THE LISHEEN MINING PARTNERSHIP
LISHEEN, KILLORAN
MOYNE
THURLES
CO TIPPERARY

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 4030 | Aghadoen | Kilkenny | Base Metals, Barytes, Silver & Gold | 19/12/1986 | |

TILZ MINERALS LTD.
THE MURROUGH
WICKLOW, CO. WICKLOW

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|--|--------------|--------------------|
| 449 | Grange | Limerick | Base Metals, Barytes & Silver | 31/01/2005 | |
| 450 | Kildromin | Limerick | Base Metals, Barytes & Silver | 31/01/2005 | |
| 1303 | Arddrine | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 1940 | Lyragh | Cork | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 1942 | Cloncagh | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 1943 | Ahaveheen | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 1946 | Cappanahane | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 1947 | Garryfine | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 2531 | Wonderhill | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 28/04/2006 | |
| 2594 | Ahawilk | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 2638 | Fedamore | Limerick | Base Metals, Barytes & Silver | 31/01/2005 | |
| 2845 | Reens East | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 2927 | Kilpeacon | Limerick | Base Metals, Barytes & Silver | 31/01/2005 | |
| 3367 | Meanus | Limerick | Base Metals, Barytes & Silver | 31/01/2005 | |
| 3650 | Arranagh | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |
| 3651 | Ballydonnell | Limerick | Base Metals, Barytes, Silver, Gold & Platinum Group Metals | 15/04/2005 | |

TNR GOLD CORP

PO BOX 11604
 SUITE 620-650 WEST GEORGIA STREET
 VANCOUVER, BC V6B 4N9
 CANADA

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 1476 | Ballypierce | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 3407 | Ballynattin | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 3411 | Ballyglisheen | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 3864 | Ballard | Wicklow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 3893 | Aghabeg | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 3894 | Ballybrack | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |
| 4031 | Aclare | Carlow | Base Metals, Silver, Gold, Caesium, Lithium, Beryllium, Niobium, Rubidium & Rare Earth Elements | 07/8/2009 | |

TNR GOLD CORP

PO BOX 11604

SUITE 620-650 WEST GEORGIA STREET

VANCOUVER, BC V6B 4N9

CANADA

4032 Aghowle Lower Wicklow

Base Metals, Silver, Gold, Caesium, Lithium,
Beryllium, Niobium, Rubidium & Rare Earth
Elements

07/8/2009

TYNAGH IRON MINES LIMITED

20 Roedean Crescent

London

SW15 5JU

England

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|---|--------------|--------------------|
| 3615 | Limehill | Galway | Barytes, Base Metals, Dolomite and Dolomitic Limestone, Gold, Manganese, Silica Sand, Silver. | 28/05/2012 | |
| 3862 | Foxhall | Galway | Barytes, Base Metals, Dolomite and Dolomitic Limestone, Gold, Manganese, Silica Sand, Silver. | 28/05/2012 | |

UNICORN MINERAL RESOURCES LTD.

C/O BRG LTD

UNIT C, ATHY BUSINESS CAMPUS

ATHY

CO KILDARE

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|----------------------|--|--------------|--------------------|
| 1814 | Ballykeoghan | Kilkenny | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 1815 | Ballinorea | Kilkenny | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 1951 | Annagh | Clare | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 06/7/2011 | |
| 1952 | Ballyline | Clare | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 06/7/2011 | |
| 2563 | Drinagh | Offaly | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 04/7/2011 | |
| 2860 | Ballyboy | Offaly | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 04/7/2011 | |
| 3273 | Ballindown | Offaly | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 04/7/2011 | |
| 3479 | Ballybaun | Galway | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 06/7/2011 | |
| 3693 | Aglish North | Kilkenny | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 3694 | Ardclone | Kilkenny / Tipperary | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 3695 | Ballyglassoon | Kilkenny | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 3706 | Ballinderry | Tipperary | Base Metals, Barytes, Silver, Gold, Platinum Group Metals, Cobalt & Iron | 08/9/2010 | |
| 3963 | Ardmullivan | Galway | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 08/08/2012 | |
| 4057 | Aghagurty | Offaly | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 04/7/2011 | |
| 4095 | Ballyhee | Clare | Base Metals, Barytes, Silver, Gold, Platinum Group Metals & Fluorite | 24/05/2012 | |

VEDANTA LISHEEN MINING LTD.
 THE LISHEEN MINE
 KILLORAN, MOYNE, THURLES,
 COUNTY TIPPERARY

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------|--------------|--------------------|
| 4055 | Derryville | Tipperary | Base Metals, Barytes & Silver | 28/05/1978 | |
| 4056 | Castleleiny | Tipperary | Base Metals, Barytes & Silver | 28/05/1978 | |

V P POWER LTD
 6 NORTHBROOK ROAD
 DUBLIN 6

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|--------------------|----------------------------|-----------------|--------------|--------------------|
| 3958 | Kish Bank Basin | Off Dublin / Wicklow Coast | Coal | 09/08/2007 | |

WESTCORK COPPER MINING COMPANY LTD.

148 YORKVILLE AVENUE
 TORONTO
 ONTARIO
 CANADA M5R 1C2

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|--------------------|---------------|---|--------------|--------------------|
| 2897 | Ardgroom Inward | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | 10/12/2012 |
| 2899 | Canalough | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | |
| 2900 | Brackloon | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | |
| 2901 | Aghabeg | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | 10/12/2012 |
| 3154 | Bawnard | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | |
| 3435 | Allihies | Cork | Base Metals, Barytes, Silver, Gold, Platinum Group Metals and Rare Earth Elements | 25/2/2010 | |

WESTLAND EXPLORATION LTD.

COOLFORE ROAD,
 ARDBRACCAN, NAVAN
 CO MEATH

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------|--------------|--------------------|
| 1440R | Gibstown | Meath | Base Metals, Barytes & Silver | 23/10/1972 | |
| 1653 | Coolbally | Laois | Base Metals, Barytes & Silver | 22/2/1983 | |

XSTRATA ZINC IRELAND LTD

CALLAN CENTRE,
 HOLLAND ROAD
 PLASSEY TECHNOLOGY PARK
 LIMERICK

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------|--------------|--------------------|
| 635 | Roxborough | Limerick | Base Metals, Barytes & Silver | 06/12/1996 | |
| 636 | Whitehall | Limerick | Base Metals, Barytes & Silver | 06/12/1996 | |
| 2529 | Caherconlish | Limerick | Base Metals, Barytes & Silver | 06/12/1996 | |

| | | | | |
|------|-------------|------------------------|---|------------|
| 2530 | Drombane | Limerick | Base Metals, Barytes & Silver | 13/11/1995 |
| 3268 | Race | Limerick | Base Metals, Barytes & Silver | 08/11/1991 |
| 3342 | Cooga Lower | Limerick | Base Metals, Barytes & Silver | 25/5/1999 |
| 3344 | Brittas | Limerick | Base Metals, Barytes & Silver | 25/5/1999 |
| 3431 | Lisnagry | Limerick | Base Metals, Barytes, Silver & Platinum Group Metals | 30/5/2005 |
| 3647 | Cappagh | Tipperary /Limerick | Base Metals, Barytes & Silver | 08/11/1991 |
| 3908 | Inchmore | Limerick | Base Metals, Barytes, Silver & Gold | 17/7/2001 |

ZETLAND RESOURCES LIMITED

c/o Zetland House Hotel

Cashel

Connemara

Co. Galway

| <u>Area</u> | <u>Townlands</u> | <u>County</u> | <u>Minerals</u> | <u>Start</u> | <u>Surrendered</u> |
|-------------|------------------|---------------|-------------------------------------|--------------|--------------------|
| 3886 | Beagha | Galway | Barytes, Base Metals, Gold, Silver. | 28/06/2012 | |
| 3307 | Cashel | Galway | Barytes, Base Metals, Gold, Silver. | 28/06/2012 | |

PART 3

Receipts

Moneys collected by the Minister in the period from 1 January 2012 to 31 December 2012 under Minerals Development Acts, 1940-1999

The total amount of moneys collected by the Minister under or by virtue of any lease, permission, or licence under those Acts was €8,962,968.14

Other receipts in the said period


The total amount of moneys collected by the Minister during the period from other sources [leases granted under the Mines and Minerals Act, 1931 (No. 54)] amounted to €540,77.

PART 4

Minerals Acquisition Orders made under the Minerals Development Act, 1940

Minerals Acquisition Orders made under that Act were:

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



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29-31 Adelaide Road, Dublin 2, Ireland.

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www.mineralsireland.ie

(Ref: MP 01/13)