

GENERAL REQUIREMENTS FOR WORK REPORTS SUBMITTED TO THE EXPLORATION AND MINING DIVISION

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For a six-year licence, a licensee must submit a work report at the end of each two-year phase. After years two and four, the licence will be due for Review. The work report, with an account of expenditure incurred, will be evaluated and, if both are satisfactory, the licence will be allowed to remain in place. If the licensee has not complied with the terms of the licence, the PL may be revoked. After year six, a Renewal report is required. Again, this will be evaluated and, if the licensee's performance is satisfactory, the PL can be renewed.

The work reports submitted for Review and for Renewal must conform to the following:

1. A separate Work Report is required for each Licence area.
2. Where two or more contiguous Licences are held by a Licensee and where the group of Licences are explored as a block, a summary block Work Report is also required.
3. All Work Reports are to be submitted to Exploration and Mining Division, Department of Communications, Energy and Natural Resources at least one calendar month before the expiry of each two year phase of a Prospecting Licence, or at any other time as directed by the Minister.
4. A separate work summary and expenditure sheet is required for each Licence area for each phase. (A work summary/ expenditure account is not required for a block of Licences.)
5. Work Reports must include details of all exploration activity carried out in the Licence area during the relevant phase (normally a two-year period). Specifically the Work Report should include information on the following:
 - a) Basis for interest in the area;
 - b) A summary of work carried out to date, whether by a previous or the current Licensee;
 - c) A summary of the exploration carried out during the phase to which the report relates, together with an explanation as to why this particular program was decided on;
 - d) A detailed account of each of the techniques used. For standard exploration techniques a brief description of the methodology used is adequate, but where a new technique or a novel approach was used, an explanation of that technique or approach should be included.
 - e) All results, both raw and interpreted data, should be included, either in the body of the report or as appendices, in digital format wherever possible. See also requirements for Airborne Geophysical Surveys and Ground Geophysical Surveys at www.mineralsireland.ie (Publications, Regulatory Information).
 - f) Conclusions reached;
 - g) Proposals for further work, if any.
6. All maps submitted must show the following:
 - a) Topographical/geographical information, including a bar scale in metric units;
 - b) Prospecting Licence boundaries and PL area numbers;
 - c) For any interpretative maps e.g. geological maps, the name(s) of the person(s) responsible for the interpretation should



be clearly written on the map;

- d) Every map, plan or section should include information on the company or person responsible for the document, whether Licensee or consultant;
- e) Maps should be submitted on a scale of 1:25,000 unless this is clearly inappropriate. If a different scale is used for the principal map, there should also be a summary or index map at a 1:25,000 scale showing the highlights of the results;
- f) All maps should show clearly the date of compilation and/or revision, together with the name(s) of the person(s) responsible for same.

7. Information obtained from diamond drilling is particularly valuable and reports on diamond drilling must include the following:

- a) A six- inch (1:10,560) location map with the drill site and the relevant drill hole number clearly marked;
- b) A completed log for each hole to include
 - i. Hole Number
 - ii. National Grid Reference for hole location (to nearest 10 metres),
 - iii. Ground elevation at hole collar,
 - iv. Core diameter,
 - v. Drilling method,
 - vi. Details of ground conditions especially cavernous ground, and
 - vii. Whether flowing artesian water was encountered; For inclined boreholes the inclination and drilling direction should be stated and plotted on base maps;
- c) The log should also include
 - i. Both a descriptive and illustrative account of all lithologies encountered, including overburden type(s),
 - ii. Details of all minerals of economic significance encountered, including grades,
 - iii. Information, including reference numbers on samples (including part-core) removed for analysis, assay or further investigation, cross-referenced to submitted analysis for which expenditure is claimed, and
 - iv. An explanatory legend for symbols used;
 - v. Logs should be completed in Black Ink only. Do not Use Colour.
- d) Location of core i.e. where the core is stored. It should be noted that under no circumstances should be core be disposed of before first being offered to EMD, who will consult the Geological Survey of Ireland (GSI)

8. The Work Report should also include copies of all consultants' reports.

9. Finally, on surrender of a Licence or after the Work Report is six years old, whichever is the sooner, the Report will be placed on Public Release by EMD and on Open -File at the Geological Survey of Ireland, Beggars Bush, Haddington Road, Dublin 4. All reports submitted since January 2000 can be accessed online at the EMD website, www.mineralsireland.ie

Exploration and Mining Division
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