#### **Mining Referral Form for Industry**

This gets responded to under fee-for-service agreements that have been established bwetween the TNG and the Exploration Company. This is a Generic Form to be completed by Mineral Companies themselves (not by Gov on the company's behalf under the TFA)

#### Form Redesigned Sept 2011 to utilize new Nodes and Field Types.

| Available Nodes                      | Page it will appear on the<br>Notification Form, and rank |
|--------------------------------------|---|
| Parent Submission ID Node            | 1-1   |
| Content Node                         | 1-2   |
| File Attachments Node                | 1-3   |
| Load Shape Files Node                | 1-4   |
| Priority / Scheduling / Ranking Node | Not Present   |
| Next Page Node                       | Not Present   |
| Set Permissions on Submission Node   | 1-5   |
| Send Notification Emails Node        | 1-6   |
| Submission Control Settings Node     | 1-7   |

<u>Along with the shapefiles</u> as described on the following pages, the submission to the TNG Portal also needs to contain an <u>overview map</u> (PDF format), a <u>map showing details of the project (PDF)</u>, and a <u>document that describes</u> the operations in layman's terms (.DOC / .DOCX / .PDF).

The accompanying document needs to contain the following information:

- 1) A list of each Contracted Company, their role, their contact information, the dates they are expected to be onsite.
- 2) Sources of Water, including the quantity required from each location(s), and method(s) of delivery
- 3) Names / numbers of any previous permits or authorizations, if any ongoing activities fall under these permits and would otherwise need new permits.
- 4) Description of any area where timber harvesting will occur. If the area is more than along trails or other features already provided in shapefile format, please be sure to delineate the area of timber harvesting and identify it as such in the shapefile.

Attached shapefiles need to contain all available information, such as:

- a. Be in Shapefile format (BCAlbers Projection)
- b. DBID field must be completed (Steps are: fill the form, obtain the Parent ID, save to draft, complete the shapefile attributes, resume the form, attach the completed shapefiles, THEN submit to Portal.)
- c. Use the "Feature" attribute to differentiate between types of features, or submit separate shapefiles (discouraged)
- d. Use the "Name" attribute to differentiate between features of the same type.
- e. Polygon shapefiles would contain all mineral claims, and test pits (if applicable) (ex: Tenure PitsSept2011.shp)
- f. Line Shapefile of IP Lines, Trenches and New Trails/Roads being proposed (if applicable) (ex: IPs\_Roads2012.shp)
- g. Point Shapefile of Drill holes, camps, identified archaeological features (ex: Arch\_Drilling\_camp.shp)
- h. Shapefiles of historical information should come in a different shapefile, to differentiate easily between Old and New info. Old drill holes, IP Lines, trenches, roads/trails etc are still relevant as they are often locatable on the land. (ex: Historical\_Pnts\_pre2011.shp, Historical\_Lines\_pre2011.shp etc)

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#### This form is used to initiate all referrals / engagement requests directly from mineral companies.

Columns B & C within the table below represents what will be displayed on the TNG Portal website when you display the "Mineral Referral Form". Column A is used to build the form because it identifies the type of field for each piece of text... this info is not relevant to the average portal user. Column D identifies whether or not the answer is required to be part of the shapefile, and Column E identifies which attribute column in the shapefile should hold the simplified answer that would fit into Column C.

#### Form Name "Mining Industry Form 2011-Sept-15"

| Α         | В  | С            | E         |           |  |
|-----------|--|--------------|-----------|-----------|--|
| Field     | Question:  | Space on the | Shapefile | -         |  |
| Type      |  | form for the | applic    | able)     |  |
|           |  | answer       |           |           |  |
| HTML      | Brief Overview of Project                        |              | Activ_    | Desc      |  |
| Editor    |  |              |           |           |  |
| Text Area | Geographical Location of Project                 |              | n/a       |           |  |
| Textbox   | Name of Applicant                                |              | n/        | <u>'a</u> |  |
| Textbox   | Field Supervisor                                 |              | n/        |           |  |
| Textbox   | Field Supervisor's phone number 000-<br>000-0000 |              | n/        | 'a        |  |
| Textbox   | Claim Owners and Company Names                   |              | Propo     | onent     |  |
| Textbox   | Claim Names and / or Lease Names                 |              | Claimi    | Vame      |  |
| Textarea  | Tenure Number or Tenure Numbers                  |              | Tenur     | eNum      |  |
| Checkbox  | Is this Optioned?                                | Yes / No     | n/        | 'a        |  |
| Textarea  | If yes, please provide names                     |              | n/a       |           |  |
| Textbox   | Total Length of IP Lines, with units             |              | Feature   | Length    |  |
| Textbox   | Total Length of Trenches, with units             |              | Feature   | Length    |  |
| Number    | Number of Drill holes                            |              |           |           |  |
| Number    | Number of Test Pits                              |              | Feat      | ture      |  |
| Number    | Number of Sumps                                  |              | Feature   |           |  |
| Textbox   | Total Length of Roads, with units                |              | Feature   | Length    |  |
| Textbox   | Other Features to be built                       |              | Feat      | ture      |  |
| Checkbox  | Will timber be harvested                         | Yes / No     | n/        | 'a        |  |
| Date      | Proposed Start Date (on the ground)              |              | n/a       |           |  |
| Picker    |  |              |           |           |  |
| Date      | Proposed Completion Date                         |              | n/a       |           |  |
| Picker    |  |              |           |           |  |
| Date      | Date To Be Sent To BC Government For             |              | n/a       |           |  |
| Picker    | Their Review                                     |              |           |           |  |
| HTML      | Other Comments                                   |              | n/a       |           |  |
| Editor    |  |              |           |           |  |

## **Shapefile Information:**

<u>Mining Schema</u> – There can be Points, Lines or Polygons submitted for these referrals, representing either "X-marks the spot" or actual location(s) of activity(ies) proposed. Sample Values are shown in the Point Shapefile table below, and a complete sample attribute table is shown at the end of this document.

# Schema Name: Mining\_pointMay2011

#### <u>Point Shapefile –</u>

| Field Name | Field Type      | Length | Notes   | Sample Values   |  |
|------------|-----------------|--------|---|---|--|
| DBid       | Long<br>Integer |        | Parent Submission #, generated as soon as the submission is started.  | 5072  |  |
| Proponent  | String          | 250    | Proponent's name and/or company name.   | Ex: Joe's Diamonds, Taseko Mines<br>Limited   |  |
| ClaimName  | String          | 250    | Name of the Claim / Site  | Ex: Diamond Hot Spot, Prosperity  |  |
| TenureNum  | String          | 25     | Mineral Tenure number   | Ex: 208327, 123456  |  |
| Activ_Desc | String          | 250    | BRIEF overview of project, similar contents as the form   | Mineral Exploration, Expanded Exploration area, etc   |  |
| Feature    | String          | 250    | What is this particular point representing?   | Campsite, Well, Test Pit, Trench, IP Line, Arch Site etc  |  |
| ID_Name    | String          | 250    | If it has an id # or name in its original shapefile, fill it in here so that the attribute is not lost. Especially useful if there are more than one of the same type of feature being submitted. | Pit 1, Pit 2, Main Camp, AaBb-<br>11:1234 <value #<br="" borden="" from="">attribute&gt;, etc</value> |  |

# Schema Name: Mining\_lineMay2011 <u>Line Shapefile – same structure as point</u>

| Field Name | Field Type | Length | Notes   |  |
|------------|------------|--------|---|--|
| DBid       | Long       |        | Parent Submission #, generated as soon as the submission is started.          |  |
|            | Integer    |        |   |  |
| Proponent  | String     | 250    | Proponent's name and/or company name.   |  |
| ClaimName  | String     | 250    | Name of the Claim / Site  |  |
| TenureNum  | String     | 25     | Mineral Tenure number   |  |
| Activ_Desc | String     | 250    | BRIEF overview of project, similar contents as the form, not the Word         |  |
|            |            |        | document that gets attached.  |  |
| Feature    | String     | 250    | What is this point / line / polygon representing?                             |  |
| ID_Name    | String     | 250    | If it has an id # or name, fill it in here so that the attribute is not lost. |  |
|            |            |        | Especially useful if there are more than one of the same feature being        |  |

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Schema Name: Mining\_polyMay2011

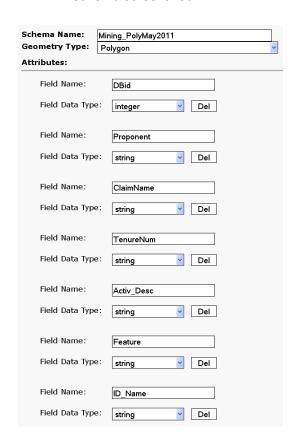
## Polygon Shapefile- same structure as point

| Field Name | Field Type | Length | Notes   |
|------------|------------|--------|---|
| DBid       | Long       |        | Parent Submission #, generated as soon as the submission is started.  |
|            | Integer    |        |   |
| Proponent  | String     | 250    | Proponent's name and/or company name.   |
| ClaimName  | String     | 250    | Name of the Claim / Site  |
| TenureNum  | String     | 25     | Mineral Tenure number   |
| Activ_Desc | String     | 250    | BRIEF overview of project, similar contents as the form, not the Word   |
|            |            |        | document that gets attached.  |
| Feature    | String     | 250    | What is this point / line / polygon representing?   |
| ID_Name    | String     | 250    | If it has an id # or name, fill it in here so that the attribute is not lost. Especially useful if there are more than one of the same feature being submitted. |

# Sample Attribute Table – point features using Mining\_pointApr2011 schema, Submission # 5072 for a project named Diamond Hot Spot, belonging to Joe's Diamonds.

| Proponent      | ClaimName        | TenureNum | Activ_desc          | Feature   | ID_Name      | DBID |
|----------------|------------------|-----------|---------------------|-----------|--------------|------|
| Joe's Diamonds | Diamond Hot Spot | 208327    | Mineral Exploration | Pit       | 1            | 5072 |
| Joe's Diamonds | Diamond Hot Spot | 208395    | Mineral Exploration | Pit       | 2            | 5072 |
| Joe's Diamonds | Diamond Hot Spot | 208395    | Mineral Exploration | Camp      | Main Camp    | 5072 |
| Joe's Diamonds | Diamond Hot Spot | 208327    | Mineral Exploration | Arch Site | AaBb-11:1234 | 5072 |

#### **Schema Screenshot:**



Screen shots of the Mineral Referral Form for Industry from the TNG Portal Website, and of the Schema built for use with this form. Please note that the order of the fields in the shapefile does not matter, but the field names and type (string / integer / double precision) DO matter

#### Form Screenshot:

Stewardship Home

Find Submissions

Fill A Form

Map Layers

Document Downloads

View Available Schemas

User Management

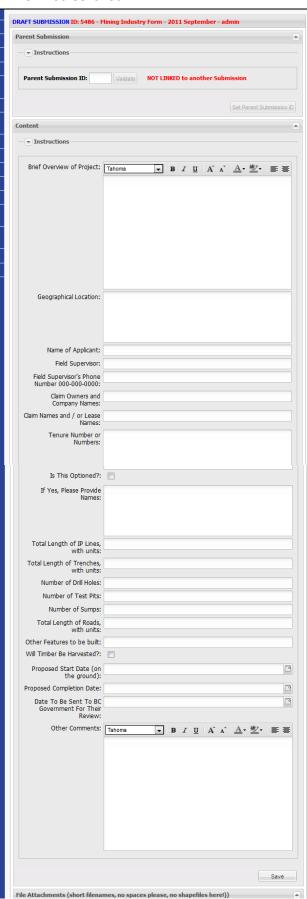
Manage Permissions

Create Form

Create Spatial Schema Associate Schema

System Summary

Manage System



Form built May 2011, then changed Sept 2011.

Document last edited: Sept 20, 2011 by M. Thurow