DEPARTMENT OF MINES, INDUSTRY REGULATION AND SAFETY

Spatial Data Infrastructure

Data Dictionary for Feature Classes

Mineral Exploration Reports

Government of **Western Australia**
Department of **Mines, Industry Regulation and Safety**

Version 1.0

Data dictionary

In Geographic Information Systems (GIS), data dictionaries are used as a means to record the names of the attributes (items) in a feature class, together with a description of the attribute values, and lookup tables, for which a data dictionary has been provided.

Data dictionary table contains the following information: file name, feature category, feature class, spatial type, description, item name, key, option, type, width and item description.

For item type, a code is used to describe the field type:
C = Character field
D = Date field
N = Number field

For Key, a code is used to indicate whether the item or field is a key used to link to tables:
P = Primary key
F = Foreign key
Null = Not a key

For Optional, a code is used to indicate whether the items or fields that may or may not be provided:
Y = Optional
Null = Not optional

A user can view the attribute table of a theme as described in the data dictionary listing at the beginning of this document and see the item names along with the data type and description.

When a user views the attribute table, the user will see the item names described in the data dictionary, and their contents. The user will also see several items that are standard to ESRI ArcSDE feature classes. These standard (internal) items have been omitted from the enclosed data dictionary descriptions for ease of reading. The omitted items are as follows:

Item names	Type	Item description
OBJECTID	N	Unique identifier for each object in the feature class
SHAPE	C	Geometry type
SHAPE.AREA	N	Area of polygon – limited to polygon data
SHAPE.LEN	N	Length of line – limited to line data

Feature class :	EXPL_MINERAL_EXPLORATION_REPORTS_GSD

Feature category:	Exploration
Spatial type:	Polygon
Legend name:	Mineral Exploration Reports
Description:	Open File WAMEX exploration reports
Source:	Department of Mines, Industry Regulalation and Safety
DMIRS custodian:	Geological Survey Division
ANZLIC metadata ID:	
Conditions of access:	Subject to data custodian license agreement. For internal use only.

Item name	Key	Display	Type	Width	Description
ANUMBER			N		WAMEX Report Accession number.
TITLE			C	250	Report title.
REPORT_YEAR			N		Reporting year for exploration report.
AUTHOR_NAME			C	100	Author name (person) Listed as Author_N in shapefile
AUTHOR_COMPANY			C	200	Author name (company) -- if no individual author identified. Listed as Author_C in shapefile
REPORT_TYPE			C	50	Annual, Partial Surrender, Final Surrender, Co-funded drilling, Other.
DATE_FROM			C	12	Start date for exploration reported in report.
DATE_TO			C	12	Finish date for exploration reported in report.
PROJECT			C	120	Project Name.
OPERATOR			C	200	Name of company operating the project.
ABSTRACT			C	250	Abbreviated abstract.
KEYWORDS			C	250	GSWA Keywords allocated to the report.
TARGET_COMMODITY			C	100	Commodity being explored for or mined.
DATE_RELEASED			C	12	Date the report is actually released to open file.
ITEM_NO			N		Item Number (for older reports; no longer used).
DPXE_ABS			C	75	Hyperlink URL to GSWA abstract on DMP website.
DPXE_REP			C	75	Hyperlink URL to digital report files (if present).
EXTRACT_DATE			D		Date information was extracted from source.
DIGITAL_FILE			N		Digital files are available (0=No, 1 = Yes).
IS_SHAPED			N		Methodology used to create the report footprint (0= Not based on Tenement boundary, 1=Whole or Partially based on Tenement boundary).