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OGSFocus

Geoscience data, including OGSFocus, are provided as data layers through OGSEarth (www.ontario.ca/ogsearth), which can be viewed using user-friendly geographic information programs, such as Google Earth™ mapping service.

Introduction

OGSFocus is a series of map layers that quantify data from the Ontario Assessment File Database (OAFD), Ontario Drill Hole Database (ODHD) and Ontario Mineral Inventory (OMI; formerly known as Mineral Deposit Inventory) databases. A score based on the quantity of data available is assigned to each cell in the Mining Lands Administration System (MLAS) provincial grid along with a relative data rating. The resulting Data Rating Grids provide a visual representation of the quantity of data available. OGSFocus layers can be used as a targeting tool to draw attention to areas of considerable historical exploration including those available for acquisition. The Data Hot Spots layer highlights significant contiguous areas with robust data that are available for acquisition.

Data

The compressed (.zip) download file provides two OGSFocus datasets: 1) Data Rating Grid, and 2) Data Hot Spots.

The Data Rating Grid shows the amount of OAFD, ODHD and OMI data available in each cell and a rating relative to other cells in the Resident Geologist Program (RGP) District. It excludes MLAS provincial grid cells that have active mining land tenure and includes only grid cells that are open for claim registration on the date of release. Attributes include the MLAS Cell Id, the number of features that overlap from each database and a data rating.

Data Hot Spots are polygons that represent large, contiguous groups of grid cells that have comparatively high data ratings. Attributes include the area of the hot spot, the number of features that overlap from each database and a link to an online listing of these features.

Projection

The polygons were created in North American Datum 1983 (NAD83) geographic co-ordinate system (GCS_NAD83).

Data Fields

Data Rating Grid

Field Name	Field Description
MLASCellId	Identifier for the cell from the MLAS provincial grid
MDI_Count	Number of OMI features that meet filtering criteria ¹ within 200 metres of the Data Rating Grid Cell
DH_Count	Number of ODHD features that meet filtering criteria ¹ and overlap the Data Rating Grid Cell
AF_Count	Number of OAFD features that meet filtering criteria ¹ and overlap the Data Rating Grid Cell
DataScore	An indication of the quantity of data available in the Data Rating Grid Cell based on a weighted count of overlapping features ²
DataRating	A value of either low, moderate, high or very high that reflects how the Data Score compares with other Data Rating Grid Cells within the RGP District; based on Data Score percentiles within each RGP District ²

Data Hot Spots

Field Name	Field Description
HotSpot_Id	Identifier for the Data Hot Spot polygon made up of the RGP District code and a sequential number; unique within the current version of the Data Hot Spot dataset
Area_Ha	Area of the Data Hot Spot polygon in hectares
MDI_Count	Number of OMI features that meet filter criteria ¹ within 200 metres of the Data Hot Spot
DH_Count	Number of ODHD features that meet filtering criteria ¹ and overlap the Data Hot Spot
AF_Count	Number of OAFD features that meet filtering criteria ¹ and overlap the Data Hot Spot
HSpotLink	Link to the online listing of MDI, ODHD and OAFD features that overlap the Data Hot Spot

Resident Geologist Program staff
Ontario Geological Survey

¹ The following feature types are filtered out and excluded from feature counts and Data Scores/Ratings: OMI - discretionary occurrences; ODHD - overburden drill holes; OAFD - files that have only airborne geophysical surveys as work type

² See [OGS Focus – Disclaimer and Technical Description](#) for full explanation of how Data Scores, Data Ratings and Hot Spots are generated.