

Object Description

Column Name	Data Type	Comments
Sample_ID	NUMBER	Sequence generated primary key.
Sample_Name	VARCHAR2	Name of rock sample. Ex. OB-11-S01, Open Bay-2011-Sample 01.
Sample_Type	VARCHAR2	Type of sample collected.
Sample_DateCollected	DATE	Date the sample was collected.
Sample_Desc	VARCHAR2	Lithological description of sample.
Latitude_DD	NUMBER	Latitude in decimal degrees.
Longitude_DD	NUMBER	Longitude in decimal degrees.
Elevation	NUMBER	Elevation in meters.
Coord_Confidence	VARCHAR2	Coordinate confidence ranked low (L), medium (M), high (H).
Sample_Chemistry	VARCHAR2	Indicates whether there is accompanying geochemistry
Sample_ThinSection	VARCHAR2	Indicates whether there is an accompanying thin section.
Sample_ThinSectionDesc	VARCHAR2	Description of sample in thin section.
Laboratory	VARCHAR2	Name of laboratory where chemical analysis was done.
Sample_DateAnalyzed	DATE	Date laboratory analyzed the sample.
SiO2_%	NUMBER	Silica Oxide by concentration in weight percent

VIUSpace Earth Science Department Special Collection

Name of Dataset.

Open Bay rock sample geochemistry

The lineage (provenance) of the data, if it was derived from existing data.

Data was compiled from four different projects in 2011, 2013, 2014, and 2018 in Open Bay.

References to published papers, including DOI where available, describing the collection and/or analysis of the data.

Casey, G. & MacRae, J. (2011). Petrogenesis of Magmatic Rocks in a Highly Metamorphosed Region of Open Bay, Quadra Island; Technical Poster presented at Cordilleran Tectonics Workshop, Victoria BC, Feb. 2012.

Ng-Cornish, J., Lokken, K., Hamre, T., Temos, N., and Stearn, M. (2018). Contact Metamorphism of Limestone at Open Bay, Quadra Island. Technical Poster presented at VIU CREATE Conference, April 2018. <http://dx.doi.org/10.25316/IR-1034>

Rossetto, C., Funk, C., Hickey, K., Bennett, B., Lavigne, B., Rhoades, S. (2018). Compositional Variation of Metamorphic Rocks, Open Bay, Quadra Island. Technical Poster presented at VIU CREATE Conference, April 2018. (Awarded: Honourable Mention)

Schluessel, K., Slade, D., Shearing, R., de Laplante, G., Samson, T., and Decker, M. (2018). Analyzing the emplacement depth of intrusions at Open Bay, Quadra Island. Technical Poster presented at VIU CREATE Conference, April 2018.

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Access & Security

Who can view this dataset? Public

Who can download this dataset? Public

Metadata Information

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Resource Status: In progress