

Polar Rock Repository



- Established in late 2003 to preserve polar rock and dredge samples for future research, education & exhibit use
- The PRR provides full and open access to samples and metadata via the website.





Samples are weighed, photographed, measured for susceptibility & put into bags with QR code labels

●●●●○ AT&T 8:19 AM 99%

<http://research.bpcrc.osu.ed...>

OBJECT # PRR-36239: ROCK SAMPLE



[Plot source location on map](#) [Request Sample](#)

Multimedia						
Primary Field #	97-13-5					
IGSN #	IGSN.PRR036239					
Kind of Object	Rock Sample					
Rock Type	Igneous					
Rock Name	Breccia					
Sample Description	Friable, clasts to 10cm, matrix includes quartz, ash (basaltic).					
Weight	2157 g					
Susceptibility	55					
Notes	Consists entirely of coarse breccia, broken only by a dolerite intrusion halfway up south ridge (which is where section measured). Vertical interval measured parallel to strike and assuming a 20 degree dip measured on similar breccias on next outcrop to NW).					
Additional Notes at PRR	Yes					
Continent	Antarctica					
Region	Southern Victoria Land					
Mountain Range/Island Group	Prince Albert Mountains					
Mountain/Island Name	Ricker Hills					
Precise Location	Most south of low outcrops between Ricker Hills and Thomas Rock (and outcrop closest to camp)					
Coordinates	-75.703, 158.784 (75° 42.2' S, 158° 47' E)					
Positioning Method	Notes					
Era	Mesozoic					
Period	Jurassic					
Epoch	Early					
Stratigraphy	Group Formation	Member	Section Name	Unit Thickness	Sample Height	Distance from Intrusion
	Mawson Formation				24 m	
Primary Field Logistics	LC130 Hercules Aircraft					
Data Sources	Field Notebook					
Field Year Collected	1997					
Collector	Elliot, David H.					



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BYRD POLAR RESEARCH CENTER



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The **Polar Rock Repository**, located at the [Byrd Polar and Climate Research Center](#), is a national facility that provides rock samples for research, education, and museum use under a no-cost loan program.

[How to Request Samples](#)

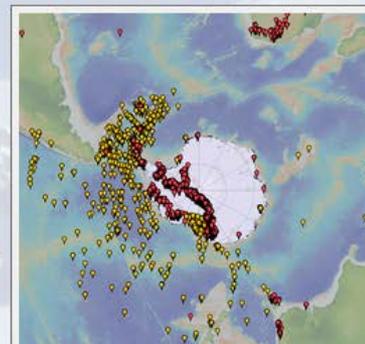
[How to Donate Samples](#)

MAP SEARCH

Search by moving to a region on an interactive map of Antarctica, then using criteria to narrow the results.

DESCRIPTIVE SEARCH

Search by entering keywords, then viewing results in table format. Results may be downloaded into a spreadsheet.



Source locations of our samples.

- Destructive techniques are permitted on loaned research samples.
- Samples may be requested by using the 'Add to Sample Bag' button.
- Magnetic susceptibility metadata are available for >10,000 samples.

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QUESTIONS

[E-mail the Curator](#) about other uncataloged collections, or with questions.

[Student Travel Grants](#)

Questions or comments about this page? Please [contact the Curator](#).

POLAR ROCK REPOSITORY
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New collections: Eltanin Cruises Dredge samples, Shackleton Glacier (Beacon), Scott & Reedy glaciers

- Online access to >42,000 rock samples
- Samples freely available for research and education