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***Drill core data for the Red Mountain porphyry copper-molybdenum system,  
Harshaw mining district, Patagonia Mountains, Santa Cruz County, Arizona***

Arizona Geological Survey Open-File Report 25-4

**Recommended Citation:**

Mako, C. A., Holman, B. I., Fairbanks, K. J., Foley, A. P., and Richardson, C. A., 2025, Drill core data for the Red Mountain porphyry copper-molybdenum system, Harshaw mining district, Patagonia Mountains, Santa Cruz County, Arizona: Arizona Geological Survey Open-File Report 25-4.

**Description:**

Red Mountain in Patagonia, AZ hosts a porphyry copper-molybdenum deposit with a history of substantial exploration drilling. Drill data including logs, assay results, and geologic maps, as well as skeletonized drill core, were donated to the Arizona Geological Survey in 2004. This repository includes all available original drilling data, scanned and made available as PDFs, as well as tabulated data in spreadsheets.

Tabulated digital data and other products related to this document are available at:

<http://hdl.handle.net/10150/676938>

This work was funded by the United States Geological Survey National Geological and Geophysical Data Preservation Program, G23AP00215. The Arizona Geological Survey does not guarantee this document or associated digital data to be free of errors nor assume liability for interpretations made from this data, or decisions based thereon. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government.

HOLE NO. 163  
 COLLAR COORDINATES \_\_\_\_\_  
 COLLAR ELEVATION \_\_\_\_\_  
 DEPTH OF HOLE 1180'

SAMPLE NO.	ELEVATION (Feet)	DEPTH INTERVAL (Feet)	FOOT- AGE	A S S A Y S								% CHAL- COPYRITE	% PYRITE	% TOTAL SULFIDE	% ANH- YDRITE	PY/CH RATIO
				Cu %	Mo ppm	Au oz	Ag oz	Pb ppm	Zn ppm	S %	S <sup>=</sup> %					
3701-3702		6- 10	4	.005												
3703-3706		14- 50	36	.005												
3707-3708		50- 70	20	.002												
3709-3710		70- 90	20	.004												
3711-3717		90- 145	55	.004												
3719-3721		145- 170	25	.003												
3722-3726		170- 220	50	.006												
3727-3738		220- 325	105	.007							.98	.55				
3739-3749		325- 385	60	.23							6.37	5.12	9.31			
3750-3760		385- 440	55	.31							8.47	7.42	13.29			
3761-3770		440- 500	60	.29							9.38	8.69	15.70			
3771-3775		500- 550	50	.05							10.82	10.08	18.96			
3776-3781		550- 600	50	.04							23.27	20.85	38.91			
3782-3790		600- 690	90	.05							21.92	20.41	38.07			
3791-3795		690- 740	50	.11							15.82	15.34	28.48			
3796-3800 +																
4001-4006		740- 850	110	.03							9.56	9.08	16.92			
4007-4014		850- 930	80	.01							9.81	9.07	16.94			
4015-4021		930- 965	35	.48							8.57	8.54	15.07			
4025A-4033		1000-1080	80	.02							7.31	7.24	13.50			
4034-4043		1080-1180	100	.04							6.85	6.73	12.51			