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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.

HOLE NO. 150

COLLAR COORDINATES 865,029:184,594
COLLAR ELEVATION 5,250'
DEPTH OF HOLE 5,145'

SAMPLE NO.	ELEVATION (Feet)	DEPTH INTERVAL (Feet)	FOOT-AGE	ASSAYS								% CHAL-COPYRITE	% PYRITE	% TOTAL SULFIDE	% ANH-YDRITE	PY/C RATI
				Cu %	Mo ppm	Au oz	Ag oz	Pb ppm	Zn ppm	S %	S= %					
26436-26439	5250-5210	0- 40	40	.71	36	.003	.04	14	36	7.55	6.46		11.76	12.65		
26440-26445	5210-5150	40- 100	60	.09	14	.002	.04	11	21	7.36	6.09		11.36	11.47		
26446-26450	5150-5050	100- 200	100	.09	45	.003	.02	11	54	4.09	3.98		7.41	7.52		
26451-26454	5050-4950	200- 300	100	.04	35	.003	.06	26	80	7.49	6.11		11.42	11.47		
26455-26458	4950-4850	300- 400	100	.03	21	.004	.07	40	290	6.59	5.55		10.38	10.42		
26459-26462	4850-4750	400- 500	100	.03	26	.004	.02	48	415	6.86	5.89		11.02	11.06		
26463-26466	4750-4650	500- 600	100	.04	11	.004	.01	73	54	4.63	4.07		7.60	7.65		
26467-26470	4650-4550	600- 700	100	.05	24	.005	.07	26	330	5.00	4.51		8.42	8.48		
26471-26474	4550-4450	700- 800	100	.06	15	.005	.01	14	520	4.60	4.51		8.42	8.50		
26475-26478	4450-4350	800- 900	100	.06	17	.003	.04	19	490	5.14	4.93		9.20	9.28		
26479-26482	4350-4250	900-1000	100	.06	24	.003	.06	25	425	5.08	4.95		9.24	9.32		
26483-26486	4250-4150	1000-1100	100	.06	24	.002	.01	9	770	5.01	4.75		8.87	8.95		
26487-26490	4150-4050	1100-1200	100	.06	20	.003	.06	10	760	5.43	5.23		9.77	9.85		
26491-26494	4050-3950	1200-1300	100	.08	11	.003	.06	16	1800	5.89	5.84		10.90	11.00		
26495-26500 + 26901	3950-3850	1300-1400	100	.12	9	.003	.05	15	1300	3.38	3.11		5.77	5.92		
26902-26905	3850-3750	1400-1500	100	.09						4.13	3.71		6.91	7.02		
26906-26909	3750-3650	1500-1600	100	.10	10			49	1500	2.98	2.94	.29	5.32	5.61		18.
26910-26913	3650-3550	1600-1700	100	.13	10			20	1600	3.48	3.35	.38	6.03	6.41		15.

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26914-26917	3550-3450	1700-1800	100	.14	13			18	1900	2.75	2.57	.41	4.55	4.96		11.
26918-26921	3450-3350	1800-1900	100	.18	11			15	1600	3.24	3.23	.52	5.71	6.23		11.
26922-26928	3350-3250	1900-2000	100	.17	9			35	1800	3.05	2.94	.49	5.19	5.68		10.
26929-26938	3250-3150	2000-2100	100	.17	12	.001	.05	16	670	2.44	2.43	.49	4.23	4.72		8.
26939-26948	3150-3050	2100-2200	100	.12	5	.001	.07	49	111	2.46	2.45	.35	4.36	4.71		12.
26949-26958	3050-2950	2200-2300	100	.10	10	.002	.07	21	103	2.27	2.20	.29	3.93	4.22		13.
26959-26967	2950-2860	2300-2390	90	.13	11	.001	.09	28	117	2.13	1.95	.38	3.41	3.79		9.
26968-26972	2860-2810	2390-2440	50	.57	10	.001	.18	103	380	4.31	4.11	1.65	6.61	8.26		4.
26973-26978	2810-2750	2440-2500	60	.19	8	.001	.09	101	195	2.55	2.49	.55	4.31	4.86		7.
26979-26988	2750-2650	2500-2600	100	.16	11	.001	.09	19	90	1.68	1.66	.46	2.81	3.27		6.
26989-26998	2650-2550	2600-2700	100	.13	20	.001	.05	29	210	1.83	1.62	.38	2.79	3.17	.89	7.
26999-27000 + 27401-27408	2550-2450	2700-2800	100	.09	15	.001	.06	22	88	3.04	2.98	.26	5.41	5.67	.26	20.
27409-27418	2450-2350	2800-2900	100	.07	16	.002	.07	22	55	3.16	2.99	.20	5.47	5.67	.72	27.
27419-27428	2350-2250	2900-3000	100	.11	15	.001	.09	62	190	1.61	1.47	.32	2.55	2.87	.60	8.
27429-27438	2250-2150	3000-3100	100	.13	21	.001	.21	104	210	2.34	1.94	.38	3.39	3.77	1.70	8.
27439-27448	2150-2050	3100-3200	100	.13	50	.001	.09	185	205	2.54	2.35	.38	4.16	4.54	.81	10.
27449-27458	2050-1950	3200-3300	100	.13	38	.002	.10	49	60	2.93	2.53	.38	4.49	4.87	1.70	11.
27459-27468	1950-1850	3300-3400	100	.16	45	.001	.11	130	545	3.54	2.72	.46	4.79	5.25	3.49	10.

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27469-27478	1850-1750	3400-3500	100	.17	44	.001	.10	153	370	4.77	3.74	.49	6.69	7.18	4.38	13.
27479-27488	1750-1650	3500-3600	100	.20	37	.001	.07	66	175	3.39	2.29	.58	3.91	4.49	4.68	6.
27489-27498	1650-1550	3600-3700	100	.19	26	.001	.05	72	97	3.78	2.99	.55	5.24	5.79	3.36	9.
27499-27500 + 27801-27808	1550-1450	3700-3800	100	.14	19	.001	.10	20	61	1.50	1.11	.41	1.82	2.23	1.66	4.
27809-27818	1450-1350	3800-3900	100	.20	16	.001	.08	44	281	2.61	2.35	.58	4.03	4.61	1.11	6.
27819-27828	1350-1250	3900-4000	100	.17	31	.001	.07	19	81	1.98	1.46	.49	2.42	2.91	2.21	4.
27829-27838	1250-1150	4000-4100	100	.17	29	.001	.06	20	63	1.50	1.07	.49	1.69	2.18	1.83	3.
27839-27848	1150-1050	4100-4200	100	.17	37	.002	.08	22	161	2.69	2.55	.49	4.46	4.95	.60	9.
27849-27858	1050- 950	4200-4300	100	.12	25	.002	.06	26	88	2.21	2.05	.35	3.91	4.26	.68	11.
27859-27868	950- 850	4300-4400	100	.14	60	.003	.08	39	67	2.77	2.06	.41	3.60	4.01	3.02	8.
27869-27878	850- 750	4400-4500	100	.19	67	.003	.08	24	46	2.06	1.11	.55	1.72	2.27	4.04	3.
27879-27888	750- 650	4500-4600	100	.12	26	.001	.08	22	71	2.12	1.36	.35	2.32	2.67	3.23	6.
27889-27898	650- 550	4600-4700	100	.10	94	.003	.09	13	47	1.99	1.40	.29	2.43	2.72	2.51	8.
27899-27900 + 28201-28208	550- 450	4700-4800	100	.11	90	Tr	.09	11	51	2.21	2.02	.32	3.58	3.90	.81	11.
28209-28218	450- 350	4800-4900	100	.07	27	Tr	.02	14	44	.99	.80	.20	1.37	1.57	.77	6.
28219-28228	350- 250	4900-5000	100	.08	29	Tr	.08	170	114	1.43	1.15	.23	2.00	2.23	1.19	8.
28229-28238	250- 150	5000-5100	100	.09	13	Tr	.05	73	900	1.54	1.28	.26	2.23	2.49	1.11	8.
28239-28243	150- 105	5100-5145	45	.14	14	Tr	.06	18	67	1.62	1.37	.41	2.30	2.71	1.06	5.