

UNITED VERDE MINE - UNDERGROUND DRILL CORE SAMPLING FOR GEOCHEMICAL ANALYSIS

LEVEL	SAMPLE No. (663)	COORDINATES	ROCK DESCRIPTION	LOCATION RELATIVE TO MASSIVE SULPHIDE	VALUES - Cu, Hg	
500 Dillon Tunnel	3-300'	2337 S - 972 E	Deep Rhyolite	On or near contact between Deception Rhyolite & Quartz Porphyry (X'l tuff) - south side. "Removed" from U.V. massive sulphides.	25, 6950	
	-412'	2395 S - 940 E	"		10, 4925	
	9-116'	2235 S - 727 E	"		14, 6825	
	-160'	2280 S - 685 E	Qtz Porph - on Decep. Rhy.		10, 6950	
	-870'	2469 S - 80 E	in Qtz Porph (X'l tuff)		3, 3480	
800 L	13 61-216' / 222' / 13 6 2-174'	216 S - 37 W / 123 S - 54 W	Chlorite streaks in app.	300' below & south from m.s.	3480, 9850 / 70, 3519	
1500 L	17 U1-490'	1455 N - 620 E	Grapsvine Gulch sed. tuff	720' NE of ms	13, 678	
	10 01 (100R) 1345/1360	1460 N - 633 E / 925 N - 2910 W	Qtz Porph X'l tuff / Grapsvine Gulch bedded sed.	360' west of diorite mass	7, 372 / 8, 1160	
2400 L	17 2H-4-913' / -947'	3173 N - 800 E / 3197 N - 823 E	GGS - bedded tuff / Q.P. X'l tuff - app.	2000' N-NE of ms	7, 90 / 14, 223	
2700 L	18 T-3-125/175'	1160 N - 120 E	Chloritic Schist	25-30' from ms (SE)	6, 210	
3000 L	4 N-1-210'	530 N - 1320 W	Q.P. X'l tuff	200' SW of ms - no alteration } or contact	38, 223	
	-230'	535 N - 1340 W	GGS - bedded tuffs		59, 205	
	4 N-2-305'	266 N - 1344 W	Q.P. X'l tuff		10, 108	
	-325'	253 N - 1350 W	GGS - bedded tuffs		4, 119	
3300 L	II 2A-5-900'	2750 N - 192 W	Gabbro	Across syncline to north. No app or ms here.	43, 161	
	-995'	2844 N - 163 W	GGS - (gast)		48, 158	
	-1028'	2887 N - 148 W	GGS - (gast)		13, 125	
	II 2A-6-1336'	2930 N - 1315 W	GGS - bedded tuffs		7, 109	
3450 L	-1565'	2953 N - 1355 W	Silicified contact	No ms nearby.	7, 177	
	-1416'	2990 N - 1365 W	Q.P. X'l tuff		31, 119	
	II U-1-528/588	1230 N - 380 W	Chlorite zone in app.		220' S of ms.	1970, 10000
	16 T-1-40/50'	1175 N - 47 E	Chloritic schist in app.		100' S-SE of ms.	10, 870
3500 L	15 S-1-172'	1105 N - 132 E	Chloritic zones in app.	400' S-SE of ms & in tail of "black schist".	98, 384	
3600 L	15 T-1-65'	1205 N - 7 W	Chloritic schist in app.	260' S of ms	7, 414	
4500 L	5 N-2-153'	359 N - 1077 W	Q.P. X'l tuff	800' S of ms.	8, 313	
4500 L	-173'	389 N - 1094 W	Silicified contact	820' S of ms.	8, 170	
	-223'	356 N - 1106 W	GGS - bedded tuffs	860' S of ms.	6, 167	
	6 T-1-60'	1210 N - 955 W	GGS or prob. Q.P. X'l tuff	Directly under ms	62, 208	
	-125'	1247 N - 1100 W	Directly over ms	5, 271		
4500 L	9 2E-4-45'	2205 N - 620 W	Sericite tuff	3'-6' above ms	16, 161	
	-134'	2180 N - 530 W	Chlorite schist	Between two ms lobes	7, 162	
	153'	2184 N - 470 W	Altered tuff (Q.P.X'l)	40' E of ms	15, 158	

5200-2285-4 12
M-D 1229.5-232-8 8

260-270+6 37
270-278+7 28

10-10+6 21
10-20+5 24
260-260+5 18
260-270+8 34

10-10-8 18
210-219+16 21
219-222+14 28

345-370-9 139
370-394+12 106
394-410+8 81
425-468+15 74
468-491+8 67
491-519+13 70
519-542+4 37
542-562+6 86
562-587+12 30
587-609+11 123
609-627+14 74
627-651+12 70
657-689+22 56
700-724+10 98
724-751+11 87
788-814+9 50
814-843+11 70
843-870+15 62
870-894+10 65
894-918+53 64
918-957+12 74
957-985+7 61
985-1030+9 137
1030-1087+14 77
1087-1118+16 70
1118-1160+10 64

415-441+15 27
468-491+11 98
491-514+6 28
514-537+6 46
537-562+6 44
567-586+18 34
586-610+8 30
610-635+6 34
635-664+15 61
664-688+16 48
714-738+9 58
738-763+8 72
763-787+15 37
787-797+17 40
797-816+9 70
816-845+6 82
845-869+15 79
869-893+3 83
893-920+6 34
920-951+23 67
951-967+3 28
967-993+3 87
993-1019+6 61
1019-1046+8 78
1046-1080+8 116
1080-1102+26 101
1102-1127+9 95
1127-1152+19 61
1152-1177+53 93
1177-1201+9 74
1225-1252+7 67
1252-1270+6 44
1270-1302+56 33
1302-1352+19 158
1352-1373+8 124
Chloritic 800-956+3, 158

ANACONDA DRILL HOLE 1975
935

ANACONDA DRILL HOLE 1913
1913

ANACONDA DRILL HOLE 1974
1974

PHELPS DODGE CORPORATION (REDWALL CLAIMS)

PHELPS DODGE CORPORATION
VERDE EXPLORATION LTD

PHELPS DODGE CORPORATION
VERDE EXPLORATION LTD (U.V. PROPERTY)

Chloritic alteration on strat. footwall of Haynes deposit
Dump 19, 10

42, -30, 54

67, -42, 55

55-700, 210

United Verde Mine - Underground Geochemical
Analysis Results Tabulated Above

Chloritic alteration on footwall of UV deposit
1930, 688, -3120
11300, 408, -6250

fault rock 26, 161
41, 98
16, 112
fault gauge 34, 102
fault gauge 31, 61
116, 116
56, 93

322, 40, -250
790, 468, -2500
1170, 318, -3820
216, 35, -189
177, 39, -1560
262, 19, -156
790, 468, -2500
Cu Hg Zn
6200, 1396, 3430
41,500, 1276, 186,000
97,800, 15,450, 16,700
68,800, 394, 2180
1770, 2110, 45,800
250, 11400, 2810

780, 206, -584

-NOTES-

Overlay for trace elements:
Includes values in ppb for Hg,
ppm for Cu, Pb, Zn,

Read: values from EAST
Cu, Hg, Pb, Zn values from SOUTH
values from WEST

Read all values on slope (ie "25") for Compilation analyses - in USGS
in vertical (ie "25") for rock sample analysis.

O: DDH with footage of sample
symbols: D, M, C, PC etc = age of rock sampled

C-69

OVERLAY SHOWING
TRACE ELEMENT DISTRIBUTION
WITH
LAND STATUS