SUMMARY OF PW-13

Collar Elev: 8353

Coord: 96,653 N
38,695 E

Total Apparent Depth: 1657 (0-250 Hammer, to 844 Rotary, Wedged @ 676, to 950 NQ, to 1657 BQ). Drift survey in casing, azimuth assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	553	140	139	8214		
Rhyolite Sill (top)	96	454	449	7904		
Rhyolite Sill (base)		550	545	7808		
Mj (top)	126	676	668	7685	96,740	38,680
Mp (top)		803	794	7559	96,760	38,675
Dg (top)	Not Present - Cut by Ti					
Dgu		1000	990	7363	96,790	38,670
Dgu		1100	1088	7265	96,790	38,670
Basal QMP (top)		1127	1115	7238	96,810	38,665

BY ... < PW-13 DATE ..... SUBJECT ..... SHEET NO. ..... OF .....

CHKD. BY ..... DATE ..... JOB NO. .....

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
108 -124	Pe	124 /8229	16.0	.53			
124 -132	Pe	132 /8221	8.0	.50	.94		.24
136 -140	Pe	135 /8218	4.0	1.44	2.37	3.92	.75
678.5-696	Mju	688 /7665	17.5	3.38	1.06	5.77	3.09
708 -718.3	Mju	710 /7643	10.3	.09	.97	1.71	.09
729.4-735.4	Mju	727 /7626	6.0	.44	1.82	2.34	.12
786.5-790	Mjl	781.5/7571.5	3.5	.19	.27	Tr	.13
880 -900.5	Mp	891 /7462	20.5	.50	2.50	1.70	.08
968 -1002	Dg	992 /7361	34.0	1.00	1.00	.50	.05
1032 -1033	Ti	1023 /7330	1.0	2.13	1.78	.57	.02
1092.5-1096.8	Dg	1085 /7268	4.3	.40	.38	Tr	.44
1096.8-1103 Magnetite W/Chalcopyrite	Dgu	1091 /7262	6.2	1.0	.86	Tr	1.75
1103 -1105	Dg	1093 /7260	2.0	.36	.36	Tr	.45

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW 14

Collar Elev: 8479

Coord: 98,939 N
39,262 E

Total Apparent Depth: 1397 (0-291 Rotary, to 479 NQ, to 1397 BQ)
Azimuth of hole drift assumed.
Hole stopped in fossil beds.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	520	418	412	8067	98,935	39,255
Rhyolite Sill	Not Present					
Mj (top)	258	946	932	7547	98,890	39,220
Mp (top)	161	1208	1190	7289	98,870	39,195
Dg (top)	Not reached					
Dgu				*7117	*98,840	*39,165

*Elev. & Coord. of mineral zone

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
50 - 70	Pe	70/8409	20.0	.67	2.18	.80	.08
70 - 100	Pe	100/8379	30.0	.68	1.18	.49	.14
100 - 145	Pe	144/8335	45.0	2.02	.97	.31	.18
145 - 165	Pe	163/8316	20.0	1.18	.63	.38	.14
567 - 568	Mc	562/7917	1.0	2.45	1.42	1.19	.26
946 - 950.6	Mju	937/7542	4.6	1.65	.99	.47	.30
1142.0- 1147.7	Mjl	1131/7348	5.7	.43	Tr	3.77	.64
1147.7- 1152	Mjl	1135/7344	4.3	.24	Tr	.11	.20
1170 - 1190	Mjl	1173/7306	2.0	Tr	Tr	Tr	.10
1202.5- 1208.5	Mjl	1191/7288	6.0	.60	.10	Tr	.90
1373 - 1383	Dgu (Tl)	1362/7117	10.0	3.5	2.46	.04	.23

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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SUMMARY OF PW 15

Collar Elev: 8464

Coord: 98,910 N
39,344 E

Total Apparent Depth: 2101 (0-335 Rotary, to 587 HQ, to 1202 NQ, to 2101 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	676	444	444	8020	98,900	39,335
Rhyolite Sill	Not Present					
Mj (top)	146	1121	1120	7344	98,870	39,305
Mp (top)	170	1268	1266	7198	98,855	39,290
Lower Mp (top)	37	1435	1432	7032	98,845	39,276
Transition (top)	24	1472	1469	6995	98,832	39,272
Dg (top-marble)	321	1496	1493	6971	98,825	39,270
			1785	*6679	98,815	39,250
Dg (top sk)	50	1819	1814	6650	98,805	39,240
Basal QMP (top)		1870	1864	6600	98,795	39,230

*Elev. and Coord. of Mineral Zone

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
75 - 95	IPe	95/8369	20.0	.90	1.87	Tr	Tr
409.4-412.4	Pe	412/8052	3.0	2.73	1.64	Tr	.26
811 -817	Mc	817/7647	6.0	4.80	5.00	3.60	.60
1232.5-1253	Mj	1251/7213	20.5	.31	.09	.78	.36
1253 -1258.5	Mj	1256/7208	5.5	.68	.26	4.01	1.76
1258.5-1268.5	Mj	1266/7198	10.0	.29	Tr	Tr	.17
1753 -1790	Dg	1785/6679	37.0	.60	.29	1.09	.17
1819 -1870	Dg	1864/6600	51.0	.30	.40	Tr	.20
1889 -1908	Qmp	1901/6563	19.0	.20	Tr	Tr	.06

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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SUMMARY OF PW-16

Collar Elev: 8392

Coord: 96,672 N
38,804 E

Total Apparent Depth: 1191 (0-144 Rotary; to 1191 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	563	130	130	8262		
Rhyolite Sill (top)	77	516	516	7876		
Rhyolite Sill (base)		593	593	7799		
Mj (top)	138	693	693	7699	96,680	38,790
Mp (top)		832	831	7561	96,690	38,780
Dg (top)	Cut by Ti		968	*7424	96,695	38,770*
Basal QMP		1189	1187	7205	96,710	38,760

* Elev. and Coord. of Mineral Zone

700 or 705

PW-16

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....

CHKD. BY ..... DATE ..... JOB NO. .....

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
100 - 140	Pe-Mc	140/8252	40.0	.16	.13	.09	.08
693 - 712	Mc-Mj	712/7680	19.0	.31	.42	.11	.13
712 -718	Mju	718/7674	6.0	.98	.29	Tr	1.17
718 --745	Mju	745/7647	27.0	.51	.09	.03	.46
760.5-762.5	Mj (Ti)	762/7630	2.0	.31	1.72	1.52	.08
826.6-830.6	Mjl	830/7562	4.0	.09	.44	Tr	.04
837 -844	Mp	843/7549	7.0	.52	.12	.91	.39
855 -857	Mp	856/7536	2.0	.99	.06	.31	1.18
883 -890	Mp	889/7503	7.0	.63	1.59	.31	.04
902 -905	Ti	904/7488	3.0	.62	1.06	.59	.16
941.5-945	Dg	944/7448	3.5	.46	1.16	3.14	.14
954.5-959	Dg	958/7434	4.5	.08	.17	.47	.02
959 -969	Dg	968/7424	10.0	.99	1.38	1.96	.03
995 -1000	Dg	999/7393	5.0	.36	.40	Tr	.11
1175 -1182	Dg	1181/7211	7.0	1.27	.31	1.79	.07

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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SUMMARY OF PW-17

Collar Elev: 8801

Coord: 98,633 N
38,347 E

Total Apparent Depth: 2144 (0-323 Rotary; to 1042 NQ; to 2144 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	590	341	341	8460	98,630	38,345
Rhyolite Sill	Not Present					
Mj (top)	115	935	931	7870	98,580	38,310
Mp (top)	206	1051	1046	7755	98,570	38,305
Lower Mp (top)	42	1268	1252	7549	98,565	38,290
Transition (top)	31	1302	1294	7507	98,559	38 278
Dg (top-Skarn)	203	1333	1325	7476	98,555	38,270
Mineral Zone			1335	*7466	98,555	*38,270
Ti (top)		1540	1528	7273	98,530	38,235

* Elev. and Coord. of Mineral Zone

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
115 -120	Pe	115/8681	5.0	.20	.58	.31	.02
935 -945	Mju	941/7860	10.0	1.31	.29	Tr	2.27
1049 -1051	Mjl	1046/7755	2.0	.09	.08	.21	.10
1331.5-1338.5	Dg (G1)	1330/7471	7.0	.29	.18	Tr	.43
1338.5-1344	Dg (G1)	1335/7466	5.5	.08	.29	.31	.75
1364.6-1373	Dg (G2)	1364/7437	8.4	.09	.14	Tr	.22

BY DATE SUBJECT SHEET NO. OF
CHKD BY DATE JOB NO.

SUMMARY OF PW-18

Collar Elev: 8342

Coord: 96,674 N
38,586 E

Total Apparent Depth: 1277 (0-216 Hammer; to 1277 NQ)

Geology	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	602	65	65	8277		
Rhyolite Sill (Top)	91	393	389	7953		
Rhyolite Sill (base)		486	480	7862		
Mj (top)	76	676	667	7675	96,780	38,580
Mp (top)	221	754	743	7599	96,795	38,580
Lower Mp (top)	46	978	964	7378	96,845	38,575
Transition (top)	16	1025	1010	7332	96,854	38,577
Dg (top-marble)	104	1042	1026	7316	96,858	38,577
		1131	1113	*7229	96,875	*38,580
Ti (top)		1148 ?	1130	7212	96,888	38,575

* Elev. and Coord of Mineral Zone

PW-18

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....

CHKD. BY ..... DATE ..... JOB NO. .....

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thickness	Ag	Pb	Zn	Cu
679.5- 685	Mju		5.5	.39	.21	Tr	.27
685 - 754	Mjl	743/7599	69.0	1.05	.15	2.49	1.85
754 - 773.5	Mp	761/7581	19.5	.55	Tr	2.10	.34
1038.5-1044.5	Dg (T3)	1029.5/7312.5	6.0	.06	.20	.96	.10
1044.5-1052	Dgu (G1)	1036.5/7305.5	7.5	.23	2.28	1.54	.03
1092 -1103	Dg (G2)	1086/7256	11.0	1.36	.09	.25	.08
1103 -1118	Dg (G3)	1100/7242	15.0	.96	.11	.41	.21
1118 -1129	Dg (G3)	1111/7231	11.0	.19	Tr	.34	* .14
1129 -1131	Dgu (G3)	1113/7229	2.0	.53	.19	.32	* 4.24
1131 -1149	Dg (G3)	1131/7211	18.0	.28	.11	.05	* .25
1149 -1156	Dgu (G3)	1138/7204	7.0	1.01	.63	1.77	.04
1168.5-1175	Dg (G3)	1156/7186	6.5	.36	.26	.39	.03
1175 -1186	Dg (G3)	1167/7175	11.0	1.59	.72	.68	.04

* Native Copper

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-18

Collar Elev: 8342

Coord: 96,674 N
38,586 E

Total Apparent Depth: 1277 (0-216 Hammer; to 1277 NQ)

Geology	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	602	65	65	8277		
Rhyolite Sill (top)	91	393	389	7953		
Rhyolite Sill (base)		486	480	7862		
Mj (top)	76	676	667	7675	96,780	38,580
Mp (top)	221	754	743	7599	96,795	38,580
Lower Mp (top)	46	978	964	7378	96,845	38,575
Transition (top)	16	1025	1010	7332	96,854	38,577
Dg (top-marble)	104	1042	1026	7316	96,858	38,577
		1131	1113	*7229	96,875	*38,580
Ti (top)		1148 ?	1130	7212	96,888	38,575

*Elev. and Coord. of Mineral Zone

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BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-19

Collar Elev: 8341

Coord: 96,621 N
38,517 E

Total Apparent Depth: 1455 (0-22 Rotary; to 1455 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)		Collared in Mc				
Rhyolite Sill (top)	130	414	413	7928		
Rhyolite Sill (base)		547	543	7798		
Mj (top)	83	671	665	7676	96,695	38,495
Mp (top)	210	755	748	7593	96,715	38,490
Lower Mp (top)	18	967	958	7383	96,752	38,476
Transition (top)	52	985	976	7365	96,755	38,477
Dg (marble-top)	237	1038	1028	7313	96,760	38,480
Dg (sk-top)	121	1277	1265	7081	96,820	38,460
Basal QMP (top)		1401	1388	6960	96,845	38,440

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
711-730	Mju	723 /7618	19.0	.49	.19	Tr	.34
730-755	Mjl	748 /7593	25.0	2.21	1.39	7.76	2.46
755-759.5	Mjl	752.5/7588.5	4.5	.38	.28	.32	.49
972-978.5	Dgu (Tl)	969 /7372	6.5	1.32	.39	Tr	1.68
1277-1297	Dgl	1285.5/7055.5	20.0	.12	Tr	.21	.12

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BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-20

Collar Elev: 8311

Coord: 96,526 N
36,658 E

Total Apparent Depth: 804 (0-74.5 Rotary; to 108 NX, to 804 BX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Pa-Mc contact - missing in alluvium						
Rhyolite Sill (top)	105	446	445	7866		
Rhyolite Sill (base)		551	550	7761		
Mj (top)	35	724	722	7589	96,539	38,625
Mp (top)		759	757	7554	96,538	38,620

Hole bottomed in Pilot

Important Mineralization

Interval	Formation	Sill True Depth Elevation	Thickness	Ag	Pb	Zn	Cu
95-99	Mc	99/8212	4.0	2.46	2.01	5.01	.31
751-757	Mjl	756/7555	6.0	1.48	.13	.33	1.02

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-21

Collar Elev: 8365

Coord: 96,685 N
38,405 E

Total Apparent Depth: 819 (0-115 Rotary, to 819 NQ)

Geology

Formation	Thickness	Apper. Depth	True Depth	Elev	N	E
Collared in Mc						
Rhyolite Sill (top)	195	392	390	7975		
Rhyolite Sill (base)		590	585	7780		
Mj (top)	129	636	630	7735	96,765	38,390
Mp (top)		767	759	7606	96,785	38,370

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
732 -747.5	Mju	740/7625	15.5	.99	.25	.37	.22
748.5-758.5	Mjl	750/7615	10.0	2.10	1.35	9.96	1.23
762 -767.5	Mjl	759/7606	5.5	.56	Tr	.68	.08

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BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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SUMMARY OF PW-22

Collar Elev: 8393

Coord: 96,540 N
38,419 E

Total Apparent Depth: 891 (0-135 Hammered, to 891 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Collared in Porphyry						
Ti-Mc contact		75	75	8318		
Rhyolite Sill (top)	106	497	495	7898		
Rhyolite Sill (base)		604	601	7792		
Mj (top)	95	744	740	7653	96,610	38,438
Mp (top)		840	835	7558	96,620	38,439

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
766-768	Mju	764/7629	2.0	.48	.18	.56	.52

22

12570

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-23

Collar Elev: 6516

Coord: 96,836 N
38,259 E

Total Apparent Depth: 934 (0-130 Hammered, to 934 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Pe-Mc contact missing in Porphyry						
Rhyolite Sill (top)	205	518	517	7999		
Rhyolite Sill (base)		724	722	7794		
Mj (top)	94	792	790	7726	96,880	38,260
Mp (top)		887	884	7632	96,890	38,260

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
30 -45	Pe	45/8471	15.0	1.12	Tr	.43	.23
45 -65	Pe	65/8451	20.0	2.46	.06	.33	.45
65 -80	Pe	80/8436	15.0	.92	.14	.80	.16
830 -842	Mjm	840/7676	12.0	.25	.13	Tr	.08
842 -857.5	Mjl	855/7661	15.5	.87	.14	Tr	.43
857.5-898.5	Mjl-Mp	895/7621	41.0	.07	.06	.07	.05

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BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-24

Collar Elev: 8249

Coord: 96,390 N
38,785 E

Total Apparent Depth: 737 (0-70 Hammered, to 737 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	556	79	79	8170		
Rhyolite Sill (top)	69	463	463	7787		
Rhyolite Sill (base)		533	532	7717		
Mj (top)	81	636	635	7614	96,425	38,780
Mp (top)		717	716	7533	96,435	38,780

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
638-644	Mju	641/7608	6.0	.74			1.44
643-650	Mju	649/7600	7.0	.14			.17
710-717*	Mjl	716/7533	7.0	5.09	.88	.44	2.25
717-721	Mp	720/7529	4.0	.39	.15	.12	.54

* Poor Recovery - 30%

24

BY DATE SUBJECT SHEET NO. OF
CHKD. BY DATE JOB NO.

SUMMARY OF PW-25

Collar Elev: 8517

Coord: 96,851 N
38,361 E

Total Apparent Depth: 923 (0-92 Rotary; to 923 NQ)
Twist-off at 400 feet - drift assumed below 400 feet.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	636	124	124	8393		
Rhyolite Sill (top)	135	499	499	8018		
Rhyolite Sill (base)		635	634	7883		
Mj (top)	120	762	760	7757	96,885	38,360
Mp (top)		882	880	7639	96,895	38,360

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
115-126	Pe	126/8391	11.0	2.24	1.89	.62	.19
835-840	Mjm	838/7679	5.0	.81		.68	1.12
848-868*	Mjl	866/7651	20.0	3.14	Tr	4.21	4.22
868-881.5	Mjl	879.5/7638.5	13.5	.96	Tr	.76	.42

* .07 Au

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-26

Collar Elev: 8248

Coord: 96,436 N
38,880 E

Total Apparant Depth: 752 (0-21 Rotary, to 752 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	579	37	37	8211		
Rhyolite Sill (top)	50	463	463	7785		
Rhyolite Sill (base)		513	513	7735		
Mj (top)	59	617	616	7632	96,450	38,875
Mp (top)		676	675	7573	96,450	38,875

Important Mineralization

Interval	Formation,	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
128.5-133	Mc	133. /8115	4.5	18.23	4.70	9.67	1.38
617.5-621	Mju	620 /7628	3.5	.83	.18	1.39	.84
627. -636	Mju	635 /7613	9.0	.65	Tr	Tr	.85
671 -675.5	Mjl	674 /7574	4.5	.22	Tr	Tr	.15

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

SUMMARY OF PW-27

Collar Elev: 8261

Coord: 96,277 N
38,857 E

Total Apparent Depth: 849 (0-63 Rotary, to 849 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	597	122	122	8139		
Rhyolite Sill (top)	23	519	517	7743		
Rhyolite Sill (base)		542	540	7721		
Mj (top)	55	722	717	7542	96,350	38,850
Mp (top)		778	772	7486	96,360	38,850

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
105-122	Pe	122/8139	17.0	2.63	1.97	.21	.15
722-723	Mju	718/7543	1.0	.50	.25	Tr	.21
723-732	Mju	727/7534	9.0	2.33	1.64	1.15	1.91
732-772	Mjm	766/7495	40.0	.55	.14	.18	.23
772-778	Mjl	772/7489	6.0	3.19	2.60	.60	.14

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SUMMARY OF PW-28

Collar Elev: 8394

Coord: 96,463 N
38,362 E

Total Apparent Depth: 1810 (0-53 Rotary; to 1087 NQ; to 1810 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	737	57	57	8337		
Rhyolite Sill (top)	41	591	589	7805		
Rhyolite Sill (base)		633	630	7764		
Mj (top)	52	800	794	7600	96,530	38,370
Mp (top)	179	853	846	7548	96,535	38,370
Lower Mp (top)	38	1035	1025	7369	96,575	38,357
Transition (top)	15	1073	1063	7331	96,580	38,358
Dg (marble) top)	374	1088	1078	7316	96,580	38,360
Dg (skarn)	186	1469	1452	6942	96,660	38,355
Basal Porphyry (top)		1660	1638	6756	96,700	38,350

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
831 -836	Mj	830/7564	5.0	.24	.11	.09	.49
848 -853	Mjl	846/7548	5.0	.64	.14	1.12	.55
1039.5-1048.5	Dgu (T1)	1039/7355	9.0	.53	.09	.06	.95
1049.5-1056.3	Dgu(T1)	1046.5/7347.5	6.8	1.27	.07	1.66	1.55
1056.3-1082.5	Dgu(T2)	1072.5/7321.5	26.2	.26	Tr	.64	.45
1082.5-1088.5	Dgu(T3)	1078.5/7315.5	6.0	.61	.08	4.83	1.06
1428 -1430	Dgl	1411/6983	2.0	.61	.06	.80	.72

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SUMMARY OF PW-29

Collar Elev: 8608

Coord: 96,983 N
38,350 E

Total Apparent Depth: 1000 (0-245 Hammer, to 1000 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	649?	180 (est.)	180?	8248?		
Rhyolite Sill (top)	149	560	559	8049		
Rhyolite Sill (base)		710	708	7900		
Mj (top)	127	828	825	7783	97,010	38,295
Mp (top)		956	952	7656	97,025	38,290

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
900.5-911	Mj	907/7701	10.5	.16	Tr	Tr	.18
911 -915	Mj	911/7697	4.0	.44	Tr	Tr	1.02

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SUMMARY OF PW-30

Collar Elev: 8428

Coord: 96,373 N
38,282 E

Total Apparent Depth: 1147 (0-130 Hammered, to 1147 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	697	132	132	8296		
Rhyolite Sill (top)	25	661	661	7767		
Rhyolite Sill (base)		687	686	7742		
Mj (top)	77	831	829	7599	96,405	38,290
Mp (top)	157	908	906	7522	96,415	38,290
Lower Mp (top)	19	1066	1063	7365	96,440	38,285
Transition (top)	23	1085	1082	7346	96,442	38,285
Dg (top-marble)		1108	1105	7323	96,445	38,285*

* Also coord of mineral zone at 7319 el.

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
886. - 892.	Mjb	890/7538	6.0	.10		.10	.34
903.5- 904.7	Mjl	903/7525	1.2	.21	.06	.53	.42
904.7- 911.0	Mjl	909/7519	6.3	1.83	.41	4.51	.69
1048 -1054	Dgu(T1)	1051/7377	6.0	.30	Tr	Tr	.39
1085 - 1108	Dgu(T2-T3)	1105/7323	23.0	1.40	.16	5.31	1.60
1108 - 1112	Dgu (G1)	1109/7319	4.0	.24	Tr	3.12	.21

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SUMMARY OF PW-31

Collar Elev: 8729

Coord: 97,213 N
38,156 E

Total Apparent Depth: 1337 (0-236, Hammer; to 1207 NQ; to 1337 BQ)
Drift shots in casing 0-200.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	699	230	229	8500		
Rhyolite Sill (top)	151	600	596	8133		
Rhyolite Sill (base)		754	747	7982		
Mj (top)	113	937	928	7801	97,275	38,125
Mp (top)	200	1052	1041	7688	97,295	38,110
Lower Mp (top)	35	1254	1241	7488	97,310	38,092
Transition (top)	9	1290	1276	7453	97,325	38,075
Dg (top-marble)		1299	1285	7444	97,325	38,075*

*Also coord of mineral zone at 7446 el.

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
597.5- 603.5	Mc	599.5/8129.5	6	1.57	1.51	1.03	.09
1029 -1034	Mjl	1023 /7706	5	.25	Tr	Tr	.66
1290 -1297	Dgu (T3)	1283 /7446	7	.11	.07	1.74	.05

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SUMMARY OF PW-32

Collar Elev: 8435

Coord: 96,304 N
38,189 E

Total Apparent Depth: 1195 (0-644 Hammer; to 1195 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc(top)	769	144	144	8291	96,260	38,165
No Rhyolite Sill						
Mj (top)	10	917	913	7522	96,260	38,170
Mp (top)	185	927	922	7513	96,260	38,170
Lower Mp (top)	20	1115	1107	7328	96,285	38,158
Transition (top)	29	1135	1127	7308	96,290	38,155
Dg (top-marble)		1165	1156	7279	96,304	38,150*

*Also coord of mineral zone at 7279 el.

Important Mineralization

Interval	Formation	Sill True Depth/Elevation	Thick	Ag	Pb	Zn	Cu
917-920	Mju	915/7520	3.0	Tr	Tr	.92	.08
920-927	Mjl	922/7513	7.0	2.24	5.03	5.94	1.00
1139-1152	Dgu (T2)	1143/7292	13.0	.15	Tr	1.40	.19
1152-1161	Dgu (T3)	1152/7283	9.0	.39	Tr	4.61	.84
1161-1167	Dgu (T3-G1)	1158/7277	6.0	.03	Tr	1.68	.18

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SUMMARY OF PW-33

Collar Elev: 8494

Coord: 96,571 N
38,100 E

Total Apparent Depth: 1184 (0-653 Hammer; to 1184 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	713	132	132	8362		
Rhyolite Sill (top)	20	653	651	7843		
Rhyolite Sill (base)		673	671	7823		
Mj (top)	50	848	845	7649	96,620	38,105
Mp (top)	153	899	895	7599	96,630	38,105
Lower Mp (top)	68	1055	1050	7444	96,655	38,110
Transition (top)	23	1124	1118	7376	96,665	38,105
Dg (top-marble)		1148	1141	7353	96,670	*38,105

*Also coord. of mineral zone at 7343 el.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
891 -895	Mjl	891/7603	4.0	.04	.05	.18	.11
895 -901	Mjl	897/7597	6.0	.98	.73	1.96	.93
1074 -1080	Dgu (T1)	1075/7419	6.0	1.47	Tr	.13	1.45
1112 -1116	Dgu (T2)	1110/7384	4.0	.46	.25	1.63	.46
1124 -1135.5	Dgu (T2)	1129/7365	11.5	.47	Tr	.48	.43
1135.5-1141.5	Dgu (T3)	1135/7359	6.0	2.39	Tr	1.92	1.09
1141.5-1147.5	Dgu (T3)	1140/7354	6.0	.55	Tr	.94	.37

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PW 34

Important Mineralization

	Interval	Formation	Sill True Depth Elevation	Thick	Ag	Pb	Zn	Cu
	892 - 897	Mjl	893/7709	5.0	.23	Tr	2.25	.57
	897 - 905	Mjl	901/7701	8.0	.81	.04	2.92	1.08
	905 - 913.5	Mjl	909/7693	8.5	.74	Tr	3.44	.55
	923 - 935.5	Mjl	931/7671	12.5	.55	.06	5.67	.61
or	897 - 935.5	Mjl	931/7671	38.5	.58	Tr	3.30	.58
or	892 - 935.5	Mjl	931/7671	43.5	.56	.02	3.18	.58
	935.5 - 941	Mp	935/7667	5.5	.88	Tr	.61	.45
	1170 - 1178	Dgu (T3)	1172/7430	8.0	1.36	Tr	Tr	.88
	1407.5 - 1410	Dg	1402/7200	2.5	1.15	.11	.48	2.18
	1660 - 1669	Dgl	1657/6945	9.0	.29	.15	12.20	.30
	1669 - 1674	Dgl	1662/6940	5.0	.09	.03	3.63	.14

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SUMMARY OF PW-34

Collar Elev: 8602

Coord: 97,004 N
38,004 E

Total Apparent Depth: 1804 (0-667 Hammer; to 1153 NQ; to 1804 BQ)
Drift below 1100' assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Collared in Porphyry						
Ti-Mc Contact		52	52	8550		
Rhyolite Sill (top)	71	568	567	8035		
Rhyolite Sill (base)		640	638	7964		
Mj (top)	93	841	838	7764	97,020	37,970
Mp (top)	167	935	931	7671	97,030	37,965
Lower Mp (top)	38	1104	1098	7504	97,050	37,960
Transition (top)	39	1142	1136	7466	97,050	37,960
Dg (top-marble)	482	1181	1175	7427	97,055	37,955
Mineral Zone			1402	7200	97,090	37,940
Dg (top-skarn)	75	1669	1657	6945	*97,120	*37,925
Basal Porphyry		1745	1732	6870	97,125	37,925

*Also coord. of mineral zone at 6945 el.

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SUMMARY OF PW-35

Collar Elev: 9250

Coord: 98,300 N
37,450 E

Total Apparent Depth: 1811 (0-10 Rotary; to 1025 NQ; to 1811 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	523	513	513	8737	98,295	37,450
Rhyolite Sill (top)	320	716	716	8534		
Rhyolite Sill (base)		1037	1036	8214		
Mj (top)	154	1037	1036	8214	98,270	37,420
Mp (top)	217	1192	1190	8060	98,265	37,410
Lower Mp (top)	40	1410	1407	7843	98,265	37,410
Transition (top)	28	1450	1447	7803	98,262	37,405
Dg (top-skarn)	255	1478	1475	7775	98,260	37,400
Basal Porphyry		1733	1730	7519	98,240	37,380

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1174-1179	Mjl	1178/8071	5.0	.56	2.41	3.80	.30

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SUMMARY OF PW-36

Collar Elev: 8725

Coord: 97,817 N
39,135 E

Total Apparent Depth: 1755 (0-884 Hammer; to 1065 NQ; to 1755 BQ)
Drift in casing below 1100' - azimuth assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	670	355	354	8371	97,830	39,120
Mj (top)		1031	1024	7701	97,890	39,065
Mp (top) Missing in porphyry - between 1174 and 1233					97,910?	39,045'
Lower Mp (top)	38	1444	1429	7296	97,940?	38,990'
Transition (top)	24	1483	1467	7258	97,946?	38.983'
~~Dg~~ (top-skarn)		1508	1491	7234	97,950?	38,978'
Coord. Mineral Zone		1547	1529	7196	97,955?	38,970'
Basal Porphyry		Not Reached				

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1031 -1040	Mju	1032/7693	9.0	1.20	2.01	2.78	.55
1167 -1174	Mjl	1163/7562	7.0	3.96	4.04	3.04	.88
1174 -1179	Mjl	1168/7557	5.0	.39	.15	.70	.21
1401 -1410	Mpu	1395/7330	9.0	1.27	.18	.04	.64
1476 -1483	Dgu (T2)	1467/7258	7.0	2.56	.26	.42	.41
1519 -1534.5	Dg (G2)	1517/7208	15.5	.77	.12	.16	.41
1534.5-1542.5	Dg (G2)	1525/7200	8.0	.75	Tr	.53	.65
1542.5-1551	Dg (G2)	1533/7192	8.5	2.37	1.00	1.24	.68
or 1534.5-1554	Dg (G2)	1536/7189	19.5	1.48	.47	.76	.66
1554 -1576	Dg (G2)	1558/7167	22.0	.41			.33
or 1476 -1593	Dg (G2-3)	1574/7151	117.0	.66	.17	.23	.31

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SUMMARY OF PW-37

Collar Elev: 8310

Coord: 96,108 N
38,932 E

Total Apparent Depth: 1400 (0-20 Rotary; to 398 HQ; to 1306 NQ; to 1400 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev.	N	E
Ward Gulch Fault (IPrs-Pe		186	186	8124		
Mc (top)	635	250	250	8060	96,115	38,930
Rhyolite Sill (top)	103	588	587	7723		
Rhyolite Sill (base)		692	690	7620		
Mj (top)	33	890	885	7425	96,185	38,920
Mp (top)	156	923	918	7392	96,185	38,920
No Lower Mp Pick						
Transition (top)	38	1082	1074	7236	96,220	38,925
Dg (Top marble)	46	1121	1112	7198	96,228	38,925
Mineral Zone (Dgu)		1148	1139	7171	96,235	38,925
Dg (top-skarn)	136	1168	1158	7119	96,235	38,925
Basal Porphyry		1306	1294	7016	96,245	38,920

Important Mineralization

Interval	Formation	Sill True Depth Elevation	Thick	Ag	Pb	Zn	Cu
52 - -52.5	Prs	53.5/8256.5	1.5	11.89	16.78	.72	.06
891 - 904	Mju	899 /7411	13.0	.83	.16	1.44	.34
910 - 912	Mjl	908 /7402	2.0	1.10	Tr	3.98	2.09
916 - 923	Mjl	918 /7392	7.0	2.09	Tr	4.56	1.60
959 - 963	Mp	958 /7352	4.0	2.36	.25	1.44	.36
988.5-1002.5	Mp	997 /7313	14.0	3.92	1.16	1.20	1.06
1056 -1069	Mp (T1?)	1062 /7248	13.0	.45	Tr	Tr	.54
1118 -1127	Dgu(G1)	1119 /7191	9.0	.40	.21	1.17	.11
1142 -1148	Dgu(G2)	1139 /7171	6.0	.82	Tr	3.81	1.67
1148 -1168	Dgu(G2)	1159 /7151	20.0	.32	.08	Tr	.48
1225 -1229	Dgu(G3)	1219 /7091	4.0	.34	Tr	Tr	2.69

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SUMMARY OF PW-38

Collar Elev: 8716

Coord: 97,197 N
38,458 E

Total Apparent Depth: 1396 (0-600 Hammer; to 1396 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	426	292	290	8426		
Rhyolite Sill (top)	66	656	650	8066		
Rhyolite Sill (base)		723	716	8000		
Mj (top) In Dike		est. @	890			
Mp (top) In Dike		est. @	1000			
Lower Mp (top)	21	1282:	1267	7449		
Transition (top)	16	1304?	1288	7428		
Dg (top - skarn	70	1320?	1304	7412		
Dg (marble)		1391	1374	7342		

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
890-894	Mj	886/7830	4.0	.44	.24	.27	.03
1304-1339	Dgu(T3-G1)	1322/7394	35.0	.45	.16	.21	.10
1339-1349	Dgu (G2)	1332/7384	10.0	2.85	.82	1.44	.20
1349-1391	Dgu (G2)	1374/7342	42.0	.30	.50	.61	.12

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SUMMARY OF PW-39

Collar Elev: 8445

Coord: 96,810 N
38,823 E

Total Apparent Depth: 1157 (0-525 Hammer; to 1157 NQ)
Hole Drift assumed 0-500' (drift shots taken inside casing)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)		172	172	8273		
Rhyolite Sill (top)	117	510	509	7936		
Rhyolite Sill (base)		628	626	7819		
Mj (top)	In Dike	est.750		7695	96,840	38,800
Mp (top)	In Dike	est.850		7595	96,850	38,795
Dg (top-ls.)		970	967	7478	96,860	38,790
Basal Porphyry		1100	1097	7348	96,870	38,785

No Important Mineralization

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SUMMARY OF PW-40

Collar Elev: 8350

Coord: 95,940 N
39,039 E

Total Apparent Depth: 1584 (0-34 Rotary; to 1467 NQ; to 1584 BQ)
Drift below 1000 feet assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Ward Gulch Fault (Pe/Mö)		468-508	468-506	7844		
Rhyolite Sill (top)	99	821	818	7532		
Rhyolite Sill (base)		921	917	7433		
Mj (top)	61	1078	1073	7277	95,990	38,985
Mp (top)	180	1139	1134	7216	95,995	38,985
Lower Mp (top)	34	1320?	1314	7036	96 023	38 960
Transition (top)	50	1354	1348	7002	96,035	38,950
Dg (top-ls?)		1704	1398	6952	96 010	38 965
Mineral Zone		1410	1404	6946	96,010	38,965

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
739 -745	Mc	742/7608	6.0	.32	.84	.91	.10
1036 -1042	*Mc	1039/7311	6.0	1.90	1.20	7.19	.71
1040 -1051	*Mc	1048/7302	19.0	.87	.25	.19	.40
1078 -1082	Mc	1079/7271	4.0	.89	.12	.51	1.25
1103 -1111	Mju	1106/7244	8.0	.37	.19	1.90	.34
1119.5-1139	Mjl	1134/7216	19.5	.55	.16	8.80	.60
1355 -1359	Dgu (T1)	1353/6997	4.0	2.13	.08	.21	3.15
1404 -1410	Dgu (G1)	1404/6946	6.0	1.17	.07	6.36	1.03
1417 -1450	Dgu (G2)	1444/6906	33.0	.65	.08	3.09	.76
or 1417 -1460	Dgu (G2)	1454/6896	43.0	.58	.08	2.97	.71
or 1404 -1460	Dgu (G1-G2)	1454/6896	56.0	.61	.08	3.04	.69

*Apparently thrust fault wedge of Mj in Mc

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SUMMARY OF PW-41

Collar Elev: 8207

Coord: 96,470 N
39,076 E

Total Apparent Depth: 923 (0-37 Rotary; to 923 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	511	46	46	8161		
Rhyolite Sill (top)	84	423	422	7785		
Rhyolite Base (top)		507	506	7701		
Mj (top)		601	600	7607	96,495	39,060
Mp (top) In Porphyry		est. 700		7507	96,504	39,055
Intervening formations missing						
Basal Porphyry		790	788	7419	96,515	39,050

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thickness	Ag	Pb	Zn	Cu
603-612	Mju	611/7596	9.0	2.18	3.20	3.13	1.06
612-632	Mju	631/7576	20.0	.32	.19	.09	.61
632-656	Mj	655/7552	24.0	.16	.07	Tr	.35

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SUMMARY OF BW-42

Collar Elev; 8368

Coord: 96,342 N
38,517 E

Total Apparent Depth: 1048 (0-80 Rotary; to 900 NQ: to 1048 BQ)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)	671	125	125	8243		
Rhyolite Sill (top)	138	568	567	7801		
Rhyolite Sill (base)		706	705	7663		
Mj (top)	48	798	796	7572	96,385	38.500
Mp (top)	142	846	844	7524	96.385	38.500
Lower Mp (top)	20	990	986	7382	96,400	38 495
Transition (top)	12	1010	1006	7362	96,400	38 492
Dg (top-marble)		1022	1018	7350	96 400	38,490

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thickness	Ag	Pb	Zn	Cu
493-494 5	Mc	494/7874	1.5	7.08	4 41	7 61	05
824 - 835	Mjl	833/7535	11 0	.71	11	3.70	1.57
992-996	Dgu (Tl)	992/7376	4 0	41	tr	1 03	.43

T3 ore zone may be faulted out

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SUMMARY OF PW-43

Collar Elev: 8352

Coord: 95,994 N
38,280 E

Total Apparent Depth: 1605 (0-84 Rotary; to 375 HQ; to 1213 NQ; to 1605 BQ)
Drift assumed below 1100 feet.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Ward Gulch						
Fault (Pa/Mc)		255-265	255-265	8087		
No Rhyolite Sill						
Mj (top)	12	974	970	7382	96,040	38,230
Mp (top)	1	987	982	7370	96,040	38,230
Lower Mp (top)		1140	1134	7218	96,060	38,218
No Transition Pick						
Dg (top-marble)	249	1216	1208	7144	96,080	38,210
Dg (top-skarn)	115	1468	1457	6895	96,100	38,200
Basal Porphyry		1584	1572 ?	6780	96,110	38,200

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
976 -987	Mj1	982/7370	11.0	.44	.09	.33	.53
1154 -1168.5	Dgu(T1)	1161/7191	14.5	.65	.07	.61	.67
1168.5-1185	Dgu(T2)	1178/7174 *	16.5	.82	.06	2.32	2.10
1185 -1198	Dgu(T2)	1190/7162	13.0	.36	Tr	Tr	.25
1198 -1205	Dgu(T3)	1197/7155	7.0	.89	.08	2.30	1.21
1205 -1208	Dg (T3)	1200/7152	3.0	.59	Tr	Tr	.69
1470 -1477	Dgm	1466/6886	7.0	.89	.43	3.21	.04

*Contains .03 Mo

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SUMMARY OF PW-44

Collar Elev: 8408

Coord: 96,174 N
38,015 E

Total Apparent Depth: 1268 (0-25 Rotary; to 383 HQ; to 1268 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	737	161	161	8247		
No Rhyolite Sill						
Mj (top)	25	900	898	7510	96,210	38,015
Mp (top)	191	925	923	7485	96,215	38,015
Lower Mp (top)	36	1117	1114	7294	96,238	38,015
Transition (top)	12	1153	1150	7258	96 245	38,015
Dg (top-marble)		1165	1162	7246	96.245*	38,015*

*Also coord. of mineral zone at 7245 el.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
903-909	Mju	907/7501	6.0	.69	Tr	.06	.81
1135-1141	Dgu (T2)	1138/7270	6.0	.94	1.59	3.18	.33
1141-1152	Dgu (T3)	1149/7259	11.0	.22	Tr	.21	.17
1152-1160.5	Dgu (T3)	1157/7251	8.5	.47	.07	.85	.83
or 1135-1160.5	Dgu (T2-T3	1157/7251	24.5	.49	.41	1.17	.45

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SUMMARY OF PW-45

Collar Elev: 8370

Coord: 96,467 N
38,469 E

Total Apparent Depth: 1075 (0-542 Hammer; to 544 HQ; to 1075 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top) No cuttings						
Rhyolite Sill (top)	21	633	632	7738		
Rhyolite Sill (base)		654	653	7717		
Mj (top)	41	801	799	7571	96,500	38,435
Mp (top)	151	843	840	7530	96,505	38,430
Lower Mp (top)	29	995	991	7379	96,528	38,422
Transition (top)	13	1024	1020	7350	96,535	38 420
Dg (top-marble)		1037	1033	7337	*96,540	*38,420

*Also coord. of mineral zone at 7350 el.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thickness	Ag	Pb	Zn	Cu
996-1021	Dgu (T1)	1017/7353	25.0	1.62	.07	.24	1.78

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SUMMARY OF PW-46

Collar Elev: 8824

Coord: 97,660 N
38,774 E

Total Apparent Depth: 1910 (0-20 Rotary; to 356 NQ; to 1910 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	554	444	444	8380	97,650	37,785
No Rhyolite Sill						
Mj (top)	165	1003	998	7826	97,680	38,740
Mp (top)	259	1172	1163	7661	97,700	38 720
Lower Mp (top)	28	1436	1422	7402	97,747	38 688
Transition (top)	29	1476	1460	7364	97,750	38,681
Dg (top-skarn)	236	1506	1489	7335	97,759	38 676
Dg (Mineral Zone)			1408	7416	97,745	38,690
"			1555	7269	97,770	38,665
"			1659	7165	97,790	38,655
Basal Porphyry		1751	1725	7099	97,810	38,635

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1168 -1172	Mjl	1163/7661	4.0	.19	Tr	.57	.48
1328 -1339	Mp	1326/7498	11.0	1.04	Tr	Tr	1.00
1342 -1349	Mp	1336/7488	7.0	1.27	Tr	Tr	.60
1396.5-1405.5	Mp	1392/7432	9.0	1.12	Tr	.17	.27
1405.5-1422	Mp	1408/7416	16.5	2.17	Tr	.39	1.74
1566 -1575	Dg(G2-G3)	1555/7269	9.0	1.58	.15	1.72	1.33
1666 -1681	Dg	1659/7165	15.0	1.53	Tr	.26	1.28

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SUMMARY OF PW-47

Collar Elev: 8670

Coord: 96,891 N
37,782 E

Total Apparent Depth: 1263 (0-690 Hammer; to 1263 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	706	204	204	8466		
No Rhyolite Sill						
Mj (top)	37	916	910	7760	96,975	37,755
Mp (top)	208	954	947	7723	96,985	37,750
Lower Mp (top)	57	1164	1155	7515	97,010	37,742
Transition (top)	25	1222	1212	7458	97,020	37,738
Dg (top-marble)		1247	1237	7433	97,030	*37,735

*Also coord. of mineral zone at 7430 el.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
942.5-949	Mjl	942/7728	6.5	.64	.72	1.63	.37
1164 -1170.5	Dgu(T1)	1162/7508	6.5	.22	.21	Tr	.19
1240 -1247	Dgu(T3)	1237/7433	7.0	1.06	Tr	1.39	1.94

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SUMMARY OF PW-48

Collar Elev: 8562

Coord: 95,555 N
38,782 E

Total Apparent Depth: 1418 (0-45 Rotary; to 1035 NQ; to 1417 BQ; to 1418 AQ)

Hole drilled primarily in dike with some limestone and abandoned at 1418 in the Ward Gulch Fault. Windows of Ely Limestone cut from 640-872, 922-961, 998-1025

No mineral.

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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SUMMARY OF PW-49

Collar Elev: 8406

Coord: 97,041 N
39,433 E

Total Apparent Depth: 1532 (0-560 Hammer; to 720 NQ; to 1532 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	489	288	287	8119	97,050	39,400
Rhyolite Sill (top)	43	436	434	7972		
Rhyolite Sill (base)		480	477	7929		
Mj (top)	93	783	776	7630	97,085	39,350
Mp (top)	161	878	869	7537	97,100	39,335
Lower Mp (top)	27	1042	1030	7376	97,125	39,315
Transition (top)	11	1070	1057	7349	97,132	39,310
Dg (top - skarn)	165	1113	1099	7307	97,139	39,303
Basal Porphyry		1354	1336	7070	97,200	39,255

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
871 -876	Mjl	867/7539	5.0	.20	Tr	.85	.30
1058 -1066	Dgu (T2)	1054/7352	8.0	.32	Tr	Tr	.66
1066 -1082.5	Dgu (T3)	1070/7336	16.5	.16	Tr	Tr	.21
1082.5-1092	Dgu (G1)	1079/7327	9.5	.60	Tr	Tr	1.15
1092 -1125	Dgu (G2)	1112/7294	33.0	.18	Tr	Tr	.51
or 1058 -1125	Dgu (G2)	1112/7294	67.0	.27	Tr	Tr	.40
1125 -1185	Dgu (G2)	1171/7235	60.0	.27	Tr	Tr	.55
1185 -1200	Dgu (G3)	1186/7220	15.0	.33	Tr	Tr	1.07
or 1125 -1215	Dgu (G2-3)	1201/7205	90.0	.27	Tr	Tr	.61
or 1058 -1215	Dgu (T2-G3)	1201/7205	157.0	.27	Tr	Tr	.52

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SUMMARY OF PW-50-B

Collar Elev: 8867

Coord: 98,198 N
38,632 E

Total Apparent Depth: 1080 - abandoned by Bokum Drilling (Bokum abandoned first hole which was hammered to 210 feet; second hole 0-780 NX, to 1080 BX)

Geology

Formation	Thickness	Apper. Depth	True Depth.	Elev.	N	E
Mc (top)	476	450	No survey	8417		
Mj (top)	?	926	" "	7941		

No Important Mineral

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SUMMARY OF PW-51

Collar Elev: 8489

Coord: 96,471 N
37,898 E

Total Apparent Depth: 1760 (0-648 Hammer; to 677 NQ; to 1403 NQ; to 1760 BQ)
Hole drift is assumed below 1200'.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	No Cuttings					
No Rhyolite Sill						
Mj (top)	20	886	878	7611	96,520	37,900
Mp (top)	150	906	898	7591	96,525	37,900
Lower Mp (top)	31	1060	1048	7441	96,555	37,875
Transition (top)	29	1091	1079	7410	96,560	37,872
Dg (top-marble)	530	1121	1108	7381	96,565	37,870
Dg (top-skarn)		1663	1638	6851	96,665	37,850 2
Basal Porphyry		1742	1713	6776	96,700	37,820

1. Also coord. of mineral zone at 7399 el.

2. Also coord. of mineral zone at 6811 el.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
904 -911	Mjl	902/7587	7.0	.32	Tr	2.26	.56
1084.5-1093.5	Dgu (t2)	1081/7408	9.0	1.35	Tr	Tr	2.03
1117 -1129	Dgu (T3-G1)	1116/7373	12.0	.11	Tr	Tr	.16
1670 -1685	Dg	1660/6829	15.0	.93	Tr	.47	.60
1685 -1695	Dg	1669/6820	10.0	2.78	Tr	.58	1.44

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SUMMARY OF PW-52

Collar Elev: 8977

Coord: 98,422 N
38,077 E

Total Apparent Depth: 1717 (0-401 Hammer)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	672	418	417	8560	98,430	38,060
No Rhyolite Sill						
Mj (top)	38	1095	1089	7888	98,430	37,975
Mp (top)	190	1134	1127	7850	98,430	37,970
Lower Mp (top)	43	1325	1317	7660	98,430	37,941
Transition (top)	42	1368	1360	7617	98,430	37,936
Dg (top-skarn)	235	1411	1402	7575	98,429	37,932
Basal Porphyry		1650	1637	7340	98,425	37,905

No Important Mineralization

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SUMMARY OF PW-53

Collar Elev: 8541

Coord: 97,895 N
39,567 E

Total Apparent Depth: 1613 (0-725 Hammer; to 970 HQ; to 1182 NQ; to 1613 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	666 ?	348 ?	348	8193	97,895	39,565
Mj (top)	73	1016	1014	7527	97,875	39,540
Mp (top)	168	1089	1087	7454	97,870	39,530
Lower Mp (top)	35	1258	1255	7286	97,870	39,510
Transition (top)	35	1293	1290	7251	97,870	39,510
Dg (top-marble)	10	1328	1325	7216	97,870	39,510
Coord. of mineral zone		1334	1331	7228	97,870	39,510
Dg (top-skarn)		1338	1335	7206	97,870	39,510
QMP (top)		1591	1585	6956	97,870	39,500

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1070 -1076	Mj1	1074/7467	6.0	1.70	1.48	5.28	.53
1263 -1267	Dgu (T1)	1264/7277	4.0	.54	1.09	1.07	.08
1327.5-1334.25	Dgu (G1)	1331/7210	6.75	.70	.17	.80	.25

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SUMMARY OF PW-54

Collar Elev: 9096

Coord: 97,970 N
38,076 E

Total Apparent Depth: 1862 (0-500 Hammer; to 521 HQ; to 1163 NQ; to 1862 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	658	500	496	8600	97,980	38,015
No Rhyolite Sill						
Mj (top)	104	1170	1154	7942	98,150	37,910
Mp (top)	175	1276	1258	7838	98,160	37,890
Lower Mp (top)	30	1455	1433	7663	98,177	37,858
Transition (top)	35	1486	1463	7633	98,182	37,853
Dg (top-skarn)	262	1523	1498	7598	98,189	37,846
Basal Porphyry		1797	1760	7336	98,235	37,800

No Important Mineralization

54.

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SUMMARY OF PW-55

Collar Elev: 8101

Coord: 96,494 N
39,768 E

Total Apparent Depth: 1765 (0-30 Rotary; to 844 NC; to 1765 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Ward Gulch Fault	71	0 to 71	0 to 71	8030		
Sill (base)	4	436	435	7666		
Mj (top)	34	699	697	7404	96,530	39,755
Mp (top)	214	732	730	7371	96,540	39,755
Lower Mp (top)	66	948	944	7157	96,567	39,734
Transition (top)	30	1015	1010	7091	96,575	39,730
Dgu (mineral zone)		1007	1002	7099	96,575	39,730
Dg (top-marble)	586	1046	1040	7061	96,575	39,730
Dg (top-skarn)	69	1648	1626	6475	96,655	39,625
QMP (top)		1725	1695	6406	96,665	39,600

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
725 -729.5	Mjl	727/7374	4.5	.21	Tr	.31	.26
962 -969	Dgu(Tl)	965/7136	7.0	1.39	Tr	3.37	1.09
969 -999	Dgu(Tl)	994/7107	30.0	.18	Tr	.24	.11
999 -1007	Dgu(Tl)	1002/7099	8.0	1.16	Tr	.84	1.00
1007 -1011	Dgu(Tl)	1006/7095	4.0	.87	Tr	.60	.56
1110 -113.5	Dgu(G3)	1108/6993	3.5	.21	Tr	2.24	.44
1643 -1647	Dgl	1625/6476	4.0	.10	Tr	.69	.16
1651 -1659.5 or	Dgl	1637/6464	8.5	.55	Tr	2.72	1.19
1650 -1659.5 or	Dgl	1637/6464	9.5	.51	Tr	2.77	1.13
1648.5-1659.5	Dgl	1637/6464	11.0	.46	Tr	2.60	1.03

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SUMMARY OF PW-56

Collar Elev: 8672

Coord: 97,490 N
39,104 E

Total Apparent Depth: 1642 (0-735 Hammer; to 856 HQ: to 1056 NQ: to 1642 BQ)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)	691 ?	232 ?	231	8441	97,495	39,090
Mj (top)	216	928	922	7750	95,550	39,030
Mp (top)	188	1148	1138	7534	97,570	39,010
Lower Mp (top)	35	1341	1326	7346	97,593	38,987
Transition (top)	18	1376	1361	7311	97,598	38,982
Dg (top-skarn)	173	1394	1379	7293	97,600	38,980
QMP (top)		1571	1552	7120	97,625	38,955

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thickness	Ag	Pb	Zn	Cu
928-934	Mju	928/7744	6.0	3.31			2.06

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SUMMARY OF PW-57

Collar Elev: 8414

Coord: 97,231 N
40,003 E

Total Apparent Depth: 1807 (0-10 Rotary; to 791 HQ; to 1617 NQ; to 1807 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	Missing in Porphyry		est. 330 ?	8084		
Mj (top)	43	976	975	7439	97,245	39,985
Mp (top)	225	1019	1018	7396	97,245	39,985
Lower Mp (top)	67	1244	1243	7171	97,256	39,959
Transition (top)	35	1312	1310	7101	97,262	39 953
Dg (top-marble)	323	1347	1345	7069	97,265	39,950
Dg (top-sk)		1676	1668	6746	97,295	39,910
Basal QMP (top)		1760	1750	6664	97,320	39,890

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
980 -988	Mju	987/7427	8.0	.91	Tr	1.07	.17
1211.5-1218	Mp	1217/7197	6.5	2.33	.29	.22	.53
1333 -1335	Dgu (T2)	1333/7081	2.0	.12	Tr	2.42	.42
1619 -1626	Dgl	1619/6795	7.0	.99	Tr.	.39	2.32
1644 -1653	Dgl	1645/6769	9.0	.68	.03	.31	.59
1672 -1678	Dgl	1670/6744	6.0	.12	1.33	2.45	.06

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SUMMARY OF PW-58

Collar Elev: 8409

Coord: 96,874 N
39,144 E

Total Apparent Depth: 1312 (0-602 Hammer; to 807 HQ; to 1312 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	379	350	348	8061	96,880	39,115
Mj (top)	120	734	727	7682	96,910	39,055
Mp (top)	174	857	847	7562	96,925	39,035
Lower Mp (top)	20	1034	1021	7388	96,950	38.990
Transition (top)	43	1055	1041	7368	96,951	38.988
Dg (top-skarn)	116	1100	1084	7311	96,953	38 982
Dgu (mineral zone)		1146	1129	7280	96,955	38,975
QMP (top)		1218	1200	7209	96,960	38,960

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
734 -742	Mju	736/7673	8.0	.58	.60	.85	.28
774.5-777	Mj	769/7640	2.5	.91	Tr	4.84	1.44
798.5-802	Mjl	793/7616	3.5	1.48	.39	1.37	.21
1034 -1040	Dgu (T1)	1026/7383	6.0	1.15	Tr	.88	.83
1040 -1076	Dgu (T1-T2)	1061/7348	36.0	.43	Tr	.34	.33
1076 -1119	Dgu (T3-G1)	1103/7306	43.0	.12	Tr	Tr	.18
1119 -1145.5	Dgu (G2)	1129/7280	26.5	.50	Tr	Tr	.71
1145.5-1163	Dgu (G2)	1154/7255	17.5	.33	Tr	Tr	.51
or 1034 -1167	Dgu (T1-G2)	1150/7259	133.0	.36	Tr	.13	.40

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SUMMARY OF PW-59

Collar Elev: 8262

Coord: 97,445 N
40,639 E

Total Apparent Depth: 1975 (0-42 Rotary; to 725 NC; to 1975 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	442	546	545	7717	97,450	40,610
Mj (top)	111	992	987	7275	97,475	40,555
Mp (top)	229	1105	1098	7164	97,480	40,535
Lower Mp (top)	52	1339	1327	6935	97,484	40,483
Transition (top)	30	1394	1379	6883	97,485	40,472
Dg (top-marble)	269	1424	1409	6853	97,485	40,465
Dg (top-sk)	218	1702	1678	6584	97,495	40,400
Basal QMP (top)		1927	1896	6366	97,500	40,330

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1434-1445.5	Dgu (G-2)	1430/6832	11.5	.41	Tr	.46	.39
1699-1705	Dgl	1688/6574	6.0	.18	Tr	3.06	.28
1710-1722	Dgl	1705/6557	12.0	.22	Tr	.34	.45
1746-1757	Dgl	1732/6530	11.0	.54	Tr	.32	.89
or 1752-1757	Dgl	1732/6530	5.0	.91	Tr	.32	1.06

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SUMMARY OF PW-60

Collar Elev: 8808

Coord: 98,921 N
38,465 E

Total Apparent Depth: 2000' (0-823 Hammer; to 1090 NQ; to 2000 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	Missing in Porphyry		est 400	8408	98,915	38,460
Mj (top)	"	"	"			
Mp (top)	"	"	" 1160	7648	98,900	38,452
Lower Mp (top)	50	1370	1370	7438	98,888	38,446
Transition (top)	27	1420	1420	7388	98,885	38,443
Mineral Zone		1505	1504	7304	98,880	38,440
" " " "		1608	1606	7202	98,870	38,435
Dg (top-marble)	315	1447	1447	7361	98,883	38,442
Dg (top-sk)	109	1761	1762	7046	98,885	38,420
Basal QMP (top)		1919	1915	6893	98,850	38,415

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Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
300 -308	Pe	308/8500	8.0	1.23	1.39	1.95	.10
1472 -1475.25	Dgu-m (G2)	1474/7334	3.25	4.32	.14	17.06	8.08
1495 -1505	" (G2)	1504/7304	10.0	1.72	Tr	.12	3.37
or 1472 -1505*	" (G2)	1504/7304	33.0	1.07	.01	1.77	2.01
1513 -1598	" (G3)	1597/7211	85.0	.17	Tr	.01	.19
1598 -1607.5	" (G3)	1606/7202	9.5	.76	Tr	Tr	1.22
1607.5-1626	" (G3)	1624/7184	18.5	.12	Tr	.02	.21
1626 -1633.5	" (G3)	1632/7176	7.5	.74	Tr	Tr	.99
or 1472 -1633.5	" (G2-3)	1632/7176	161.5	.40	Tr	.33	.65
1723 -1764	Dgl	1762/7046	41.0	.13	Tr	.20	.23
1764 -1770	Dgl	1768/7040	6.0	4.46	.85	.72	.46
1789 -1795	Dgl	1793/7015	6.0	6.60	1.21	.88	.59

* 1505-1513 no recovery

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Summary of PW-61

Collar Elev: 8020

Coord: 96,602 N
40,306 E

Total Apparent Depth: 1767 (0-785 Hammer; to 1132 HQ; to 1767 NQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	539	188	188	7832	96,615	40,300
Mj (top)	45 ±	740*	727*	7293	96,705	40,245
Mp (top)		786	772	7248	96,720	40,240
Dg (top-ls)	Missing in Porph		est. 1040	6980	96,780	40,210
Dg (top-marble)	" " "		" 1120	6900	96,800	40,200
Dg (top-sk)	70	1627	1576	6444	96,930	40,120
Basal QMP (top)		1700	1646	6374	96,945	40,110

Important Mineralization

None (Dg upper zone replaced by barren rhyolite)

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SUMMARY OF PW-62

Collar Elev: 8795

Coord: 99,392 N
38,596 E

Total Apparent Depth: 2262 (0-742 Hammer; to 1345 NQ; to 2262 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	612±	600±	600	8195	99,385	38,615
Mj (top)	208	1213	1212	7583	99,365	38,615
Mp (top)	183	1422	1420	7375	99,355	38,600
Lower Mp (top)	34	1605	1603	7192	99,340	38,585
Transition (top)	30	1640	1637	7158	99,337	38,582
Dg (top-marble)	481	1670	1667	7128	99,335	38,580
Dg (top-sk)	55	2156	2149	6646	99,290	38,515
QMP (top)		2212	2204	6591	99,285	38,510

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1221.5-1228	Mju	1227/7568	6.5	.11	Tr	.71	.67
1270 -1278	Mj	1277/7518	8.0	Tr	Tr	.42	.52
1416 -1421.8	Mjl	1420/7375	5.8	3.71	.41	1.03	.86

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SUMMARY OF PW-63

Collar Elev: 8445

Coord: 98,151 N
40,058 E

Total Apparent Depth: 1801 (0-865 Hammer; to 1025 NC; to 1801 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	569	480	478	7967	98,140	40,032
Mj (top)	80	1061.5	1047	7398	98,090	39,925
Mp (top)	115	1145	1127	7318	98,085	39,900
Lower Mp (top)	31	1265	1242	7203	98,078	39.871
Transition (top)	34	1299	1273	7172	98,077	39.864
Dg (top-sk)		1344	1307	7138	98,073	39,849
Mineral Zone		1367	1338	7107	98,070	39,840
Mineral Zone		1512	1474	6971	98,055	39,800
Dgl		1670	1625	6820	98,040	39,735
Basal QMP (top)		1742	1691	6754	98,035	39,705

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1066.5-1074	Mju	1059/7386	7.5	.89	Tr	1.74	.72
1080.5-1089.5	Mju	1074/7371	9.0	.92	Tr	.02	.80
1325.5-1329.5	Dgu (T3)	1301/7144	4.0	6.27	.35	.90	.20
1340 -1349	Dgu (G1)	1320/7125	9.0	.56	Tr	.25	.31
1349 -1367	Dgu (G2)	1338/7107	18.0	2.18	Tr	8.21	1.96
or							
1349 -1371	Dgu (G2)	1342/7103	22.0	1.90	Tr	7.08	1.72
1371 -1382	Dgu (G2)	1352/7093	11.0	.44	Tr	.88	.51
1382 -1390	Dgu (G2)	1360/7085	8.0	1.12	Tr	1.39	1.07
1349-1390	Dgu (G2)	1360/7085	41.0	1.36	Tr	4 31	1 27
1390 -1408	Dgu (G3)	1376/7069	18.0	.29	Tr	.29	.54
or							
1325 -1408	Dgu	1376/7069	83.0	1.18	.02	2.30	.80
1463 -1469.5	Dg	1433/7012	6.5	.36	Tr	.77	.98

BY Drill Hole PW-63 DATE SUBJECT SHEET NO. OF

CHKD. BY DATE JOB NO.

IMPORTANT MINERALIZATION (CON'T)

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1483 -1495	Dg	1457/6988	12.0	.13	Tr	.26	.42
1495 -1502	Dg	1464/6981	7.0	.12	Tr	3.92	.61
1505 -1512.5	Dg	1474/6971	7.5	.27	Tr	.58	1.02
or							
1463 -1512.5	Dg	1474/6971	49.5	.16	Tr	.75	.47

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
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Summary of PW-64

Collar Elev: 8796

Coord: 97,210 Approx
37,640 Approx

Total Apparent Depth: 1723 (0 to 805; to 847 HQ; to 1219 NQ; to 1723 BQ)
Hole drift is assumed below 1100 feet.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev.	N	E
Mc (top)	753	220	220	8576	97,219	37.638
Mj (top)	53	985	973	7823	97 354	37,608
Mp (top)	205	1040	1026	7770	97,368	37,607
Lower Mp (top)	31	1 56	1231	7565	97,427	37,601
Transition (top)	34	1292	1265	7531	97,437	37,600
Dg (top-marble)	256	1309	1299	7497	97,450	37,600
Dg (top-sk)	77	1600	1555	7241	97,518	37.594
QMP (top)		1682	1632	7164	97,538	37,592
Mineral Zone		1020	1006	7790	97,362	37,607

Important Mineralization

Interval	Formation	Sill True Depth/Elev	Thick	Ag	Pb	Zn	Cu
992 -997	Mju	985/7811	5.0	2.30	1.86	1.43	.16
997 -1003	Mju	990/7806	6.0 (37% rec.)	.25	.42	.55	.13
1003 -1009	Mj	995/7801	6.0	No recovery			
1009 -1020	Mjl	1006/7790	11.0 (43% rec.)	2.21	1.07	5.93	1.43
1020 -1024	Mjl	1010/7786	4.0	No recovery			
1024 -1039	Mjl	1026/7770	15.0 (33% rec.)	.24	Tr	.38	.21

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SUMMARY OF PW-65

Collar Elev: 9026

Coord: 97,708 N
37,518 E

Total Apparent Depth: 1666 (D-504 Hammer; 496 to 1666 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
No Ely-Chainman contact - upper rock primarily rhyolite intrusive?						
Mc (top)		est. 335 ?	335	8691	97,720	37,520
Mj (top)	53	1062	1060 ?	7966	97,730	37,500
Mp (top)	50	1116	1113 ?	7913	97,733	37,495
Mp-Dg Transition (top)	111	1166	1163 ?	7863	97,742	37,490
Dg (top-ls)	37	1278	1274 ?	7752	97,746	37,487
Dg (top-sk)	327	1315.5	1311 ?	7715	97,750	37,485
QMP (top)		1644	1638 ?	7388	97,760	37,470

IMPORTANT MINERALIZATION

None

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SUMMARY OF PW-66

Collar Elev: 9216

Coord: 97,959 N
37,257 E

Total Apparent Depth: 1820 (0-785 Hammer; to 1402 NX; to 1820 BX)
Hole Drift below 1400 feet is assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	Missing in Porphyry		est. 400	8816	97,960	37,250
Mj (top)	74	1051	1050	8166	97,965	37,225
Mp (top)	166	1125	1124	8092	97,965	37,225
Mp-Dg Transition (top)	79	1291	1290	7926		
Dg (top)	399	1371	1369	7847	97,975	37,220
Dgu			est.1470	7746	97,980	37,215
Dgl			" 1700	7516	98,000	37,210
QMP		1772	1768	7748	98,005	37,205

Guilmette was dense skarn throughout.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
230'-430' in Ely Limestone, intruded by much rhyolite, is weakly mineralized in lead and zinc.							
1417-1423	Dg (G2?)	1420/7796	6.0	.99	1.00	1.33	.18

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SUMMARY OF PW-67

Collar Elev: 8393

Coord: 98,620 N
40,382 E

Total Apparent Depth: 3101 (0-10 Rotary; to 371 NQ; to 1252 NQ; to 3101 BQ)
Hole Drift below 2000 feet is assumed.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	415-505	715-805	714-804	7679-7589		
Mj (top)	82	1220	1216	7177		
Mp (top)	216	1327	1322	7071		
Lower Mp (top)	46	1547	1538	6855		
Transition (top)	25	1593	1584	6809		
Dg (top-marble)	408	1619	1609	6784		
Dg (top-sk)	125	2042	2017	6376		
QMP (top)		2172	2142	6251		

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu	Mo
1220 -1228	Mju	1224/7169	8.0	1.40	5.79	5.58	.27	
1323 -1327	Mjl	13[illegible]2/7071	4.0	1.21	Tr	.65	.88	
1607 -1618	Dgu (T3)	1608/6785	11.0	.38	Tr	.43	.45	
2029 -2036.5	Dgl	2010.5/6382.5	7.5	.02	Tr	Tr	.29	Tr
2036.5-2044	Dgl	2018/6375	7.5	.11	Tr	Tr	.86	Tr
2044 -2077	Dgl	2051/6342	33.0	.19	Tr	Tr	1.70	.05
2077 -2090	Dgl	2064/6329	13.0	.13	Tr	Tr	.64	.04
or								
2036.5-2090	Dgl	2064/6329	53.5	.17	Tr	Tr	1.33	.04
2090 -2097	Dgl	2071/6322	7.0	.02	Tr	Tr	.27	.02
or								
2029 -2097	Dgl	2071/6322	68.0	.14	Tr	Tr	1.10	.03

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SUMMARY OF PW-68

Collar Elev: ~ 8875

Coord: 100,121 N
38,567 E

Total Apparent Depth: 2560 (0-720 Hammer;to 4071 HQ; to 2334 NQ; to 2560 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)		857	843	8032	100,122	38,465
Mj (top)		1487	1446	7429	100,065	38,300
Mp (top)		1662	1614	7261	100,040	38,255
Lower Mp (top)		1843	1785	7090	100,020	38,220
Transition (top)		1890	1828	7047	100,005	38,210
Dg (top-marble)		1921	1857	7018	100,010	38 200
Dg (top-sk)	Missing - intruded by dike					
QMP (top)		2537 ?	2437	6438	99,940	38,120

Important Mineralization

None

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag.	Pb.	Zn.	Cu.
1650-1662	MjL	1614/7261	12'	.28	Tr.	.30	.18
1808-1816	Mp	1758/7117	8'	.92	.02	.30	.24

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SUMMARY OF PW-69

Collar Elev: 9355 Approx

Coord: 98,522 N
37,048 E

Total Apparent Depth: 1648 (0-640 Hammer; to 647 NC; to 1648 NX)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Rock is primarily porphyry above Pe-Mc contact						
Mc (top)	772	300 ?	300		98,510	37,060
Mj (top)		1075	1072	8283	98,465	37,090
Mp (top)		est. 1200*	1200		98,455	37,095
Dg (top)	Contact is porphyry to skarn					
Dgu			1400		98,440	37,115
Dgu			1500		98,435	37,125
QMP (top)		1603	1597	7758	98,425	37,130

*Pilot and part of Joana and Guilmette replaced by rhyolite.

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1087-1105	Mju	1102/8253	18.0	.45	1.94	1.80	.12

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SUMMARY OF PW-70

Collar Elev? 8618

Coord: 98,538 N
39,161 E

Total Apparent Depth: 2015 (O-838 Hammer; to 863 NC; to 2015 NX)
Hole Drift below 1600 feet assumed

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)	Missing in porphyry		est. 450	8186	98.525	39,155
Mj (top)	188	952	943	7675	98,600	39,090
Mp (top)	254	1134	1122	7487	98,620	39.060
Lower Mp (top)	25	1394	1376	7242	98,655	39,015
Transition (top)	33	1420	1401	7217	98,657	39,013
Dgu (mineral zone)	[illegible]	1508	1487	7131	98,660	39,010
Dg (top-skarn)	274	1454	1434	7184	98,658	39,012
Dg (top-sk)	211	1732	1708	6910	98,690	38 960
QMP (top)		1949	1919	6699	98,720	38,920

Drill Hole PW-70

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Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
954 -956	Mju	949/7669	2.0	.42	Tr	.15	.28
1072 -1095	Mjl	1083/7535	23.0	.81	Tr	1.08	.17
1095 -1099	Mjl	1087/7531	4.0	.62	Tr	1.30	.16
1099 -1116	Mjl	1104/7514	17.0	.46	Tr	4.35	.26
1116 -1124	Mjl	1113/7505	8.0	.81	Tr	4.04	1.62
or							
1099 -1124	Mjl	1113/7505	25.0	.57	Tr	4.25	.68
1420 -1432.5	Dgu(T2)	1414/7204	12.5	.73	1.33	1.37	.15
1454.5-1461.5	Dgu (G1)	1442/7176	7.0	.78	.53	2.65	.24
1473 -1483.5	Dgu (G2)	1463/7155	10.5	.43	1.11	2.57	.32
1483.5-1508	Dgu (G2)	1487/7131	24.5	1.42	1.30	3.63	2.02
or							
1473 -1508	Dgu (G2)	1487/7131	35.0	1.12	1.22	3.31	1.51
1508 -1516	Dgu (G3)	1495/7123	8.0	.38	.26	.84	.58
1702 -1709	Dgl	1685/6933	7.0	.13	Tr	2.65	.79
1709 -1711	Dgl	1687/6931	2.0	.08	Tr	1.86	.42

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SUMMARY OF PW-71

Collar Elev: 9035

Coord: 99,218 N
38,146 E
@ 650 ft., deviation 135' S 68° W; hole shortening 17' (bottom of survey)

Total Apparent Depth: (0-692 Hammer; to 1302 NX, to 1726 BX)
hole lost at 1726; wedge set at 1360, ready for coring. Hole should be deepened.

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)		510	499	8536	99,181	38,057
Mj (top)		1216	1180	7855	99,121	37,886
Mp (top)		1290	1252	7783	99,117	37,868
Lower Mp (top)		1501	1457	7578	99,100	37,824
Transition (top)		1547	1502	7533	99,095	37,815
Dg (top-marble)		1584	1537	7498	99,089	37,805
(top-sk)		N.R.				
QMP		N.R.				

Important Mineralisation

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1274-1281	Mjl	1243/7792	7	6.13	.70	.81	.30
1507-1510	Dgu (T1)	1465/7570	3	.20	Tr	Tr	.31
1640-1666	Dgu (G2)	1617/7418	26	.12	Tr	Tr	.14

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SUMMARY OF PW-72

Collar Elev: 9375 Approx.

Coord: 98,116 N
36,801 E

Total Apparent Depth: 1781 (0-915 Hammerdril; 915-974 NQ; 974-1781 BQ)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top-est-; = Top Rhyo. Sill)		500	500	8875	98,126	36,783
Base Rhyo Sill		736	735	8640		
Mj (top)		1115	1114	8261	98,150	36,757
Mp (top)		1197	1195	8180	98,153	36,752
Lower Mp (top)		1388	1386	7989	98,161	36.745
Transition (top)						
Dg (top-skarn-est - in intrusive)		1475	1473	7902	98,166	36,741
OMP (top)		1724	1721	7654	98,178	36 734

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1118-1124	Mju	1123/8252	6.0	.77	05	Tr	.32
1170-1180	Mjl	1178/8197	10.0	6.19	6 90	5.22	.41
1508-1512	Dgu (G-2)	1510/7865	4.0	.92	.35	.75	.81

BY DATE SUBJECT SHEET NO. OF
CHKD. BY DATE JOB NO.

SUMMARY OF PW-73

Collar Elev: 9355 Approx.

Coord: 99,835 N Approx.
37,260 E "

Total Apparent Depth: 1937 (0-805 Hammer; to 1937 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	674	400	400	8955	99,825	37,260
Mj (top)		1075	1074	8281	99,807	37,267
Mp & Dg	Missing - rock primarily intrusive					

Important Mineralization

Interval	Formation	Sill True Depth Elevation	Thick	Ag	Pb	Zn	Cu
150-175	Pe	175/9180	25	.39			.15
260-280	Pe	280/9075	20	.90		.33	.63
280-320	Pe	320/9035	40	.36		.02	.14

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UNDERGROUND CORE HOLES

Summary of Hole W-106

Collar Elev: 7817

Coord: 98,299 N
39,630 E

Total Length: 880 Ft, Ng

Inclination: Downward, 6° from vertical, S10°E

Geology

Formation	Apparent Length	True Depth	Elev.	N	E
Mj (top)	390	389	7428	98,274	39,618
Mp (top)	451	450	7367	98,269	39,616
Lower Mp (top)	630	628	7189	98,256	39,603
Dg Transition (top)	670	668	7149	98,253	39,600
Dg (top Skarn and 1st Dgu Ore Zone)	733	730	7087	98,248	39,595
2nd Dgu Ore Zone	810	807	7010	98,241	39,589

Important Mineralization:

Interval	Formation	Sill True Depth /Elevation	Thick	Ag	Pb	Zn	Cu
399 - 412	Mj	411/7406	13'	.3	Tr	.9	.21
412 - 426	Mjl	425/7392	14'	3.8	Tr	4.0	.34
426 - 440	Mjl	439/7378	14'	5.8	2.8	.7	.14
or 412 - 440	Mjl	439/7378	28'	4.8	1.4	2.4	.24
440 - 447	Mjl	446/7371	7'	2.9	.7	1.1	.29
738.5 - 746.5	Dgu (G1)	744/7073	8'	.4	Tr	Tr	.62
746.5 - 757	Dgu (G1)	754/7063	10.5'	1.8	Tr	1.4	2.45
757 - 806	Dgu (G2)	803/7014	49'	.7	Tr	Tr	.62
806 - 816	Dgu (G3)	813/7004	10'	2.6	Tr	Tr	3.83
or 746.5 - 816	Dgu (G1-G3)	813/7004	69'	1.1	Tr	.2	1.36
816 - 824	Dg	821/6996	8'	.7	Tr	Tr	.91
844 - 864.5	Dg	861/6956	20.5'	.1	Tr	Tr	.25

UNDERGROUND CORE HOLES

Summary of Hole W-107

Collar Elev: 7817

Coord: 98,302 N
39,630 E

Total Length: 924 feet, Ng

Inclination: Downward, 12° from vertical, N23°W

Geology

Formation	Apparent Length	True Depth	Elev	N	E
Mj (top)	385	376	7441	98,372	39,587
Mj Ore Zone (base)	425	415	7402	98,379	39,583
Mp (top)	528	516	7301	98,397	39,570
Lower Mp (top)	689	673	7144	98,422	39,552
Dg Transition (top)	760	742	7075	98,437	39,541
Dg (top-skarn)	800	781	7036	98,445	39,535
Lower Dgu Mineral Zone	869.5	849	6968	98,459	39,525

Important Mineralization:

	Interval	Formation	Sill True Depth /Elevation	Thick	Ag	Pb	Zn	Cu
	389 - 397.5	Mju	388 / 7429	8.5	2.4	Tr	8.4	.38
	397.5 - 404	Mju	394 / 7423	6.5	.6	Tr	Tr	.07
	404 - 425	Mj	415 / 7402	21	5.7	3.5	2.2	.12
or	389 - 425	Mj	415 / 7402	36	4.0	2.0	3.3	.17
	425 - 437	Mj	427 / 7390	12	1.1	1.0	2.0	.17
	467.5 - 479.5	Mj	469 / 7348	12	3.5	3.3	2.9	.19
	507.5 - 518	Mjl	506 / 7311	10.5	.1	Tr	.6	.04
	518 - 526.5	Mjl	515 / 7302	8.5	1.3	2.6	3.0	.26
	801.5 - 810	Dgu (G1)	791 / 7026	8.5	1.9	T	T	.02
	867.5 - 869.5	Dgu (g2)	849 / 6968	2	.5	T	T	.02

UNDERGROUND CORE HOLES

Summary of Hole W-108

Collar Elev: 7817

Coord: 98,294 N
39,630 E

Total Length: 806 ft.

Inclination: Downward, 18° from vertical, S 30° W

Geology

Formation	Apparent Length	True Depth	Elev	N	E
Mj Top	340	321	7496	98,214	39,550
Mp Top	451	426	7391	98,188	39,517
Lower Mp (Top)	575	539	7278	98,162	39,481
Dg transition (Top)	617	578	7239	98,152	39,469
Dg (Top-Skarn)	697	652	7165	98,134	39,444
Mj Mineral Zone	370			98,208	39,540

Important Mineralization:

Interval	Formation	Sill True Depth /Elevation	Thick	Ag	Pb	Zn	Cu
340 - 342.5	Mju	324/7493	2.5	4.5	T	.9	3.17
357 - 364	Mj	344/7473	7	1.0	.1	1.4	.26
371 - 377	Mj	356/7461	6	1.0	T	.7	.17
617 - 623.5	Dgu (t2)	584/7233	6.5	.1	1.7	2.2	.08
628 - 639	Dgu (t2)	599/7218	11	.4	3.6	3.3	.14
671 - 678	Dgu (T3)	634/7183	7	.9	2.4	1.6	.21
693.5-702	Dgu (G1)	657/7160	8.5	.2	.4	.7	.04

UNDERGROUND CORE HOLES

Summary of Hole W-109

Collar Elev: 7817

Coord: 98,294 N
39,634 E

Total Length: 859 feet, Nq

Inclination: Downward, 12° from vertical, S 55° E

Geology

Formation	Apparent Length	True Depth	Elev	N	E
Mj (top)	375	370	7447	98,255	39,677
Mj Mineral Zone	407	402	7415	98,252	39,680
Mp (top)	490	484	7333	98,245	39,686
Lower Mp (top)	636	629	7188	98,227	39,696
Dg Transition (top)	683	676	7141	98,221	39,698
Dg (top-skarn & upper Mineral Zone)	733	725	7092	98,216	39,702
Dg Mineral Zone (lower)	772	764	7045	98,212	39,704

Important Mineralization:

	Interval	Formation	Sill True Depth /Elevation	Thick	Ag	Pb	Zn	Cu
	376 - 384	Mju	379/7438	8'	1.5	.5	1.7	.22
	384 - 394.5	Mju	390/7427	10.5'	4.1	.1	17.0	1.38
	394.5 - 397.5	Mj	393/7424	3'	Tr	Tr	Tr	.13
	397.5 - 407	Mj	402/7415	9.5'	4.2	Tr	2.3	.18
Comp.	376 - 394.5	Mj	390/7427	18.5'	2.8	.3	10.4	.88
"	384 - 407	Mj	402/7415	23'	3.4	Tr	8.7	.72
"	376 - 407	Mj	402/7415	31'	3.0	.2	6.9	.59
	465.5 - 470.5	Mjl	465/7352	5'	.6	Tr	Tr	.05
	695 - 722	Dgu (T3)	714/7103	27'	1.0	Tr	1.1	.33
	722 - 740.5	Dgu (T3-G1)	733/7084	18.5'	1.1	Tr	3.7	1.23
	740.5 - 758	Dgu (G1)	750/7067	17.5'	.1	Tr	Tr	.16
	758 - 772	Dgu (G2)	764/7053	14'	2.9	Tr	.8	2.42
or	722 - 772	Dgu (T3-G2)	764/7053	50'	1.3	Tr	11.6	1.19
	772 - 786.5	Dgu (G2)	778/7039	14.5'	.1	Tr	Tr	.22
	786.5 - 803.5	Dgu (G3)	795/7022	17'	.6	Tr	Tr	.90

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SUMMARY OF PW-74

Collar Elevation: 8222

Coord: 99,042 N
40,604 E

Total Apparent Depth: 2328 (0-925 Hammer; to 1420 HQ; to 2328 BQ)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)		710	705	7517	99,030	40,542
Mj (top)		1183	1168	7054	99,010	40,445
Mp (top)	Missing-in intrusive					
Lower Mp (top)	31	1537	1516	6706	99,006	40,400
Transition (top)	13	1569	1547	6675	99,006	40,399
Dg (top-marble)	552	1582	1560	6662	99,005	40,395
Dgl (mineral zone)		2027	" 1999	6223	98,988	40,280
Dg (top-sk)		2142.5	" 2112	6110	98,988	40,280
Basal Porphyry		2232	" 2200	6022	98,985	40,260

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1604 -1617	Dgu (G2)	1593/6629	13.0	2.28	.31	5.21	1.63
2015 -2027	Dgl	1999/6223	12.0	.22			1.01
or 2004.5-2034	Dgl	2006/6216	29.5	.14		.41	.63
2138 -2144	Dgl	2114/6108	6.0	.25			.44

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SUMMARY OF PW-75

Collar Elev: 8912'

Coord: 97263 N
37102 E

Total apparent depth: 1934' (0-840 Hammerdrill, to 1100' NX, to 1934' BX)
Drift survey to 1050'

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Mc (top)	663	220	220	8692	97,265	37,098
Mj (top)	64	893	883	8029	97,343	37,029
Mp (top)	177	958	947	7965	97,355	37,018
Lower Mp (top)	42	1140	1124	7788	97,387	36,990
Transition (top)	44	1183	1166	7746	97,394	36,983
Dg (top-marble)	433	1229	1210	7702	97,403	36,975
Dg (top-skarn)		1675	1643	7269	97,485	36,904
QMP		1767	1732	7180	97,502	36,888
Base DgL mineral zone		1724	1690	7222	97,494	36,896

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu	Mo
896- 899	Mju	889/8023	3	.12	Tr	.25	.29	
938- 943	Mjl	932/7980	5	1.44	Tr	1.49	.96	
948- 958	Mjl	947/7965	10	1.44	.96	.25	.23	
1674-1700	DGl	1667/7245	26	1.51	Tr	.10	2.11	0.01
1674-1724	Dgl	1690/7222	50	1.18	Tr	.18	1.78	0.01
or 1691-1700	Dgl	1667/7245	9	2.95	Tr	.26	3.84	0.03
1724-1767	Dgl	1732/7180	43	.21	Tr	.21	.25	Na
1767-1813	Qmp	1777/7135	46	.15	Tr	Tr	.20	Na
1813-1934	Qmp	1896/7016	119	Tr	Na	Na	.07	.04

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SUMMARY OF PW-76

Collar Elevation: 8550

Coord: 96,255 N
37,622 E

Total Apparent Depth: 1823 (0 to 725 Hammer; to 1057 HQ; to 1823 NQ)

Geology

Formation	Thick	Appar. Depth	True Depth	Elev	N	E
Mc (top)	650	325	325	8225	97,255	37,615
Mj (top)	18	975	973	7577	96,305	37,610
Mp (top)	1[illegible]1	993	991	7559	96,305	37,610
Lower Mp (top)	18	1185	1182	7368	96,325	37,605
Transition (top)	35	1203 ?	1200	7350	96,325	37,605
Dg (top-marble)	481	1238	1235	7315	96,330	37,600
Dg (top-sk)		1721	1716	6834	96,370	37,620
QMP		1797	1791	6759		

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
230-255	Pe	255/7795	25	2.92	2.07	3.82	.47
982-993	Mjl	991/7559	11	1.54	.54	5.45	2.14
1721-1740.5	Dgl	1735/6815	19.5	.10			.52(+Tr M

SUMMARY OF PW-77

Collar Elev: 8346

Coord: 98,477 N
40,867 E

Total Apparent Depth: 2480 (0-1045 Hammerdril; 1045-1515 NQ; set wedge @ 1342; core BQ to 2480)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)		785	782	7564	98,457	40,817
Mj (top)		1332	1323	7023	98,427	40 741
Mp (top)		1422	1412	6934	98,427	0 723
Lower Mp (top)		1632	1617	6729	98,405	40,687
Transition (top)						
Dg (top-marble)		1730	1712	6634	98,393	40,668
Dg (top-skarn)		2305	2265	6081	98,301	40 546
QMP (top)		2430	2385	5961	98,280	40,518

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1412-1421*	Mjl	1411/6935	9.0	.40	.08	.39	.22
1725-1729.5	Dgu (T3)	1711/6635	4.5	.17	Tr	Tr	.31

* Average of Lower Joana Zone in original hole and wedged off-set.

SUMMARY OF PW-78

Collar Elev: 8459

Coord: 98,727 N
39,789 E

Total Apparent Depth: 1823 (Hammerdrilled to 925 ft; Nq to 1422 ft; Bq to 1823 ft.)

Geology

Formation	Thickness	Appar. Depth	True Depth	Elev	N	E
Pe (top)		45	45	8414	98,727	39,789
Mc (top)	788	420	420	8039	98,713	39,788
Mj (top)	78	1219	1208	7251	98,671	39,667
Mp (top)	120	1300	1286	7173	98,668	39,649
Lower Mp (top)	34	1423	1406	7053	98,664	39,637
Transition (top)	35	1458	1440	7019	98,658	39,616
Dg (top-marble)	202	1494	1475	6984	98,656	39,609
Dg (top skarn)	91	1702	1677	6782	98,645	39,561
QMP (top)		1795	1768	6691	98,639	39,542

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
1283-1288	Mjl	1274/7185	5	.88	Tr	2.27	.19
1512-1520	Dgu (G2)	1500/6959	8	1.76	Tr	Tr	1.56
or 1512-1516	Dgu (G2)	1496/6963	4	2.95	Tr	Tr	2.61
or 1512-1536	Dgu (G2)	1515/6944	24	1.54	.02	.79	.66
or 1512-1547		1526/6923	35	1.33	.01	1.07	.58
1702-1711	Dgl	1686/6773	9	1.39	.19	.97	.65

SUMMARY OF PW-79 (incomplete)

Collar Elev: 7789

Coord: 97,695 N
43,120 E

Total Apparent Depth: 2446 (0-793 Hammerdril; 793-1127 HQ; 1127-2047 NQ; 2047-2446 BQ)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)		1712	1704	6085	97,815	43,070
Mj (top)		2032	2022	5767	97,835	43 038
Mp (top)	[illegible]	2380	2368	5421	97,852	43,010

No Important Mineralization - hole did not reach Guilmette form.

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SUMMARY OF PW-80

Collar Elev: 8210 (Approx)

Coord: 98,600 N (Approx)
41 380 E (Approx

Hole Hammerdrilled to 802 feet, and cased to bottom with 3 inch casin - ready to be cored

Geology: Top Mc believed to be at 785', based on gamma-ray log (poor cuttings return)

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SUMMARY OF PW-81'

Collar Elev: 8180 (Approx)

Coord: 98,100 N (Approx)
41,200 E (Approx)

Hole hammerdrilled to 896 ', and cased to bottom with 4 inch casing

Geology: Ely/Chainman contact at 580 feet

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SUMMARY OF PW-82 .

Collar Elev: 8325 (Approx)

Coord: 99,700 N (Approx)
40,800 E (Approx)

Hole hammerdrilled to 900 ', and cased to bottom with 4 inch casing

Geology: Drilled all in Ely limestone, hainman shale not reached

SUMMARY OF W-84

Collar Elev: 9055 (Approx)

Coord: 97,520 N (Approx)
37,200 E (Approx)

Total Apparent Depth: 1718' (0-595 Hammer; to 996 NQ; to 1718 BQ; left most of all casing strings in hole)

Geology

Formation	Thickness	Appar Depth	True Depth	Elev	N	E
Mc (top)	680	295	294	8761	97,527	37,198
Mj (top)	53	985	974	8081	97,560	37,132
Mp (top)	182	1040	1027	8028	97,566	37,127
Lower Mp (top)		1228	1209	7846	97,581	37,110
Transition (top)						
Dg (top-marble)	350 ±	1332	1311	7744	97,604	37 092
Dg (top-skarn)		Not reached - hole lost above position of lower Guilmette ore zone				

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
987.5 - 996	Mju	985/8070	8.5	1.84	.79	4.68	.81
1011 - 1022	Mjl	1010/8045	11.0	34	Tr	.06	.19

BY DATE SUBJECT SHEET NO. OF

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SUMMARY OF W-85

Collar Ele · 8775 (Approx)

Coord: 97,030 N (Approx)
37,210 E (Approx)

Hole hammerdrilled to 725 ', and cased to 600 ' depth with 3 inch casing

Geology: Ely/Chainman contact at 265 ft

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WARD DISTRICT - UNDERGROUND CORE HOLES

SUMMARY OF W-101

Collar Elev; 7818

Coord: 98,503N ; 39,212 E

Inclination: Vertical Down

Total hole length 1024 ft. (0-29 ft Hq; 29-1024 ft nq)

Geology

Formation	Thickness	Length	True Depth	Elev	N	E
Mj (top)		222	222	7596	98,503	39,210
Mp (top)		378	378	7440	98,503	39,209
Mpl (top)		564	564	7254	98,503	39,206
Dgt (top)		656	656	7162	98,503	39,205
Dg (top-Skarn & Qtz)		702	702	7116	98,502	39,204
Contact Skarn		1000	1000	6818	98,501	39,200

Important Minerlization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
222 - 232	Mju	232/ 7586	10'	.1	Tr	Tr	.04
258 - 260	Mju	260/7558	2'	.4	Tr	1.0	.31
272 - 274	Mju	274/7544	2'	.9	1.4	1.2	.39
333 - 361	Mjl	361/7457	28'	2.2	.2	20.0	.93
361 - 365	Mjl	365/7453	4'	.9	.2	2.1	.29
665 - 723.5	Dgu (T2-G1)	723/7095	58.5'	3.4	.3	5.6	.62
723.5 - 740	Dgu (G1)	740/7078	16.5'	.2	.4	1.5	.16
740 - 763	Dgu (G1)	763/7055	23'	1.0	Tr	4.3	.91
or 665 - 763	Dgu (T2-G1)	763/7055	98'	2.3	.2	4.6	.61
763 - 779	Dgu (g2)	779/7039	16'	.7	Tr	.9	.50
804 - 823	Dg	823/6995	19'	Tr	Tr	.5	.70
879 - 893	Dg	893/6925	14'	.1	Tr	.3	.58

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WARD DISTRICT - UNDERGROUND CORE HOLES

SUMMARY OF W-102

Collar Elev: 7818

Coord: 98,501N ; 39,212E

Inclination : Downward, 15° from vertical, bearing S39°W

Total hole length 955 ft (0-10 ft. Hq; 10-955 Ft Nq)

Geology

Formation	Thickness	Depth	True Depth	Elev	N	E
Mj (top)		172	166	7652	98,466	39,185
Mp (top)		345	333	7485	98,43[illegible]	39,156
Mpl (top)		508	490	7328	98,401	39,122
Dgt (top)		578	556	726	98,388	39.107
Dg (top-skarn & Qtz)		608	585	7233	98,380	39,098
Top Dgu mineral zone		640	615	7203	98,374	39,090
Base Dgu mineral zone		678	651	7167	98,366	39,080

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag	Pb	Zn	Cu
176 - 183	Mju	177/7641	7'	1.1	Tr	1.5	1.11
210 - 215	Mju	207/7611	5'	7.1	Tr	Tr	.02
323 - 327	Mjl	315/7503	4'	.6	Tr	Tr	.73
327 - 334	Mjl	32[illegible]/7496	7'	.9	Tr	3.3	1.58
640 - 678.5	Dgu (G2)	651/7167	38.5'	.5	Tr	.2	61
742 - 752	Dg	721/7097	10'	2.3	Tr	.4	1.41
75[illegible] - 768.5	Dg	737/7081	16.5'	.7	Tr	.3	.77
9[illegible]1 - 9[illegible].5	Dg	883/6935	1.5'	4.5	5.4	.5	.07

BY DATE SUBJECT SHEET NO. OF
CHKD BY DATE JOB NO.

WARD DISTRICT - UNDERGROUND CORE HOLES

SUMMARY OF W-103

Collar Elev; 7818

Coord: 98,502N; 39,213E

Inclination: Downward, 15° from vertical, S 63° E.

Total hole length 936 (o-10ft Hq, 10 - 936 ft Nq, W/wedge to avoid tools in hole at 701 ft)

Geology

Formation	Thickness	Depth	True Depth	Elev	N	E
Mj (top)		316	306	7512	98,467	39,286
Mp (top)		415	402	7416	98,457	39,306
Mpl (top)		580	564	7254	98,437	39,328
Dgt (top)		697	679	7139	98,419	39,344
Dg (top-Qtz)		741	722	7096	98,412	39,349
Base Dg Ore Zone		830	810	7008	98,399	39,359
Base Mj Ore Zone		383	370	7448	98,462	39,297

Important Mineralization

Interval	Formation	Sill True Depth/ Elevation	Thick	Ag,	Pb	Zn	Cu
316 - 318	Mju	308/7510	2'	1.5	Tr	1.6	2.15
363 - 368	Mjl	356/7462	5'	1.5	Tr	6.1	.34
368 - 383	Mjl	370/7448	15'	1.2	Tr	2.4	.20
or 363 - 383	Mjl	370/7448	20'	1.3	Tr	3.3	.23
718 - 732	Dgu (T3)	714/7104	14'	.7	.8	2.1	.04
739.5 - 758.5	Dgu (G1)	740/7078	19'	3.2	Tr	.7	4.00
758.5 - 773.5	Dgu (G1)	755/7063	15'	.4	Tr	Tr	.42
773.5 - 783.5	Dgu (G2)	765/7053	10'	3.6	Tr	.6	5.01
or 739.5 - 783.5	Dgu (G1-G2)	765/7053	44'	2.4	Tr	.5	3.01
783.5 - 789.5	Dgu (G2)	771/7047	6'	.4	Tr	Tr	.25
789.5 - 800.5	Dgu (G2)	781/7036	11'	9	Tr	.1	1.09
815.5 - 830	Dgu (G3)	810/7008	14.5'	2.8	Tr	Tr	2.21
or 783.5 - 830	Dgu (G2-G3)	810/7008	46.5'	1.2	Tr	Tr	1.04
Comp 739.5 - 830	Dgu (G1-G3)	810/7008	90.5'	1.8	Tr	.24	2.00

BY DATE SUBJECT SHEET NO. OF
CHKD. BY DATE JOB NO.

WARD DISTRICT - UNDERGROUND CORE HOLES

SUMMARY OF W-104

Collar Elev. 7818

Coord; 98,505N ; 39,214E

Total Length; 895 Ft., Ng.

Geology

Formation	Thick	Appar. Length	True Depth	Elev.	N	E
Mj (top)		349	339	7479	98,576	39,259
Mp (top)		501	488	7330	98,602	39,272
Lower Mp (top)		705	690	7128	98,630	39,275
Dg Transition (top)		755	740	7078	98,635	39,276
Dg (top-skarn)		812	796	7022	98,643	39,276
(top-marble)		841	825	6993	98,646	39,276

Important Mineralization

Interval	Formation	Sill true depth/ Elevation	Thick	Ag	Pb	Zn	Cu
351 - 356	Mju	346/7472	5.0'	.5	Tr	.1	.46
471 - 476	Mjl	463/7355	5.0'	1.4	Tr	.3	.51
812 - 819	Dgu (Gl)	803/7015	7.0'	1.7	1.6	.9	.53
819 - 840.5	Dgu (Gl)	825/6993	21.5'	1.0	1.5	2.6	.70