

PDI lab data file: P9114  
AREA: SPRING  
MAPSHEET NO: 92H16  
VENTURE: V232  
GEOLOGIST: R. PEASE  
LAB PROJECT NO: 9114

862135

PLEASE DISTRIBUTE RESULTS TO: R. PEASE  
B. HODGSON M. GARÉAU E. KIMURA L. REINERTSON

STANDARD ANALYSIS METHODS USED BY PDI GEOCHEM LAB ARE LISTED BELOW:  
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW  
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.  
SAMPLE NUMBERS FOLLOWED BY \* ARE DUPLICATE ANALYSES.

	UNITS	WT. G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	A.A. BACKGROUND COR.
SB	PPM	0.5	HCL/HNO <sub>3</sub>	3HRS	2-2000	DC PLASMA
ZN	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	ATOMIC ABSORPTION

ROCK GEOCHEM FOR : CHIPS /GRABS in ZONE A  
ZONE P4  
ZONE N2  
ZONE C

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Sb PPM	Zn PPM
92H16		91114	2	<	<	196	261	<	0.28%
92H16		91114	2	<	<	96	31	<	2000
92H16		91114	<	<	<	4	5	<	68
92H16		91114	<	<	<	3	1	<	56
92H16		91114	<	<	<	9	9	<	81
92H16		91114	<	<	<	3	2	<	51
92H16		91114	<	<	<	2	3	<	134
92H16		91114	<	<	<	3	6	<	136
92H16		91114	<	<	<	2	0	<	35
92H16	rest	91114	0	17	<	25	53	<	122
92H16	STD P1	91114	1	12	<	12	3	<	119
92H16		91114	1	10	<	11	2	<	113
92H16		91114	1	15	<	12	2	<	103
92H16		91114	1	12	<	13	3	<	323
92H16		91114	1	17	<	13	2	<	166
92H16		91114	1	20	<	10	1	<	240
92H16		91114	1	5	<	20	6	<	610
92H16		91114	1	15	<	26	2	<	322
92H16		91114	1	7	<	17	2	<	700
92H16		91114	1	9	<	14	4	<	600
92H16		91114	1	18	<	30	3	<	550
92H16		91114	1	19	<	35	6	<	340
92H16		91114	2	18	<	3	5	<	1010
92H16		91114	2	3	<	2	2	<	253
92H16		91114	2	4	<	4	3	<	293
92H16		91114	1	8	<	17	5	<	177
92H16		91114	1	3	<	27	5	<	367
92H16		91114	0	3	<	2	1	<	265
92H16		91114	0	3	<	2	1	<	272
92H16		91114	0	3	<	2	1	<	302
92H16		91114	0	2	<	4	4	<	332
92H16		91114	0	6	<	15	3	<	246
92H16		91114	1	5	<	2	1	<	150
92H16		91114	1	2	<	3	7	<	207
92H16		91114	1	5	<	2	1	<	107
92H16		91114	4	4	<	2	1	<	154
92H16		91114	1	5	<	2	1	<	124
92H16		91114	2	1	<	2	1	<	280
92H16		91114	0	5	<	0	5	<	333
92H16		91114	0	2	<	5	8	<	70
92H16		91114	0	3	<	2	1	<	32
92H16		91114	0	6	<	1	3	<	70
92H16		91114	0	7	<	0	3	<	92
92H16		91114	1	1	<	2	6	<	97
92H16		91114	1	7	<	1	5	<	64
92H16		91114	1	8	<	1	5	<	43
92H16		91114	1	5	<	1	5	<	46
92H16		91114	1	1	<	7	1	<	98
92H16		91114	1	1	<	1	4	<	92
92H16		91114	1	2	<	1	6	<	158
92H16		91114	1	3	<	2	4	<	120
92H16		91114	1	3	<	2	1	<	200
92H16		91114	1	2	<	2	5	<	61
92H16		91114	1	5	<	1	1	<	85
92H16		91114	2	1	<	4	8	<	216

ZONE A  
FLOATS  
& CHIPS

STD P1

ZONE PA

ZONE N2

ZONE C3

ZONE N2  
(CONT'D)

30 - .55% Pb  
30 - .65% Zn

GRID	SAMPLE	PROJECT	Hg PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Sb PPM	Zn PPM	
92H16	STD P1	42837	0.7	11	<5	46	47	^	173	
92H16		42838	3.0	360	40	40	47	^	180	
rest			91114	0.2	16		24	51	^	122
92H16		ZONE C1	42839	1.1	62	15	46	225	^	720
92H16			42840	1.4	16	<5	69	680	^	930
92H16			42841	7.0	680	135	24	340	^	870
92H16			42842	1.1	53	10	29	100	^	301
92H16			42843	5.5	580	135	54	295	^	570
92H16			42844	0.3	12	25	24	206	^	394
92H16			42845	0.0	330	110	20	840	^	1130
92H16			42846	4.4	280	60	90	1330	^	1500
92H16			42847	1.1	120	10	29	211	^	1440
92H16			42848	1.7	130	20	28	205	^	1420
92H16			42849	0.0	26	10	22	138	^	325
92H16			42850	0.6	24	<5	10	86	^	382
92H16			42851	1.2	720	150	20	1280	^	580
92H16			42852	3.6	122	15	18	1150	^	660
92H16			42853	3.1	66	<5	15	960	^	610
92H16		42854	5.5	53	<5	26	1540	^	1920	
92H16		42855	1.3	68	15	4	0.44%	0	0.44%	
92H16	42856	8.8	98	<5	7	600	^	510		
92H16	42857	3.3	75	15	9	700	^	304		
92H16	42858	4.4	80	<5	9	680	^	301		
92H16	42859	3.3	143	30	16	540	^	820		
92H16	42860	3.3	77	15	22	520	^	1900		
92H16	42861	3.3	87	20	30	990	^	1620		
92H16	42862	3.3	160	25	26	640	^	1050		
92H16	42863	8.8	95	15	14	1470	^	540		
92H16	42864	0.0	75	20	38	1650	^	1700		
92H16	42865	3.3	56	20	56	0	0	0.46%		
92H16	42866	3.3	54	10	109	2000	^	0.65%		
92H16	42867	3.3	54	15	102	850	^	0.45%		
92H16	42868	2.2	54	10	106	870	^	0.45%		
92H16	42869	2.2	103	10	19	690	^	710		
92H16	42870	2.2	100	<5	31	335	^	1520		
92H16	42871	4.4	110	10	30	1520	^	2100		
92H16	42872	2.2	81	<5	36	810	^	1250		
92H16	42873	3.3	74	<5	41	830	^	1420		
92H16	42874	1.1	540	75	57	1960	^	1900		
92H16	42875	1.4	870	125	50	0	0	2000		
92H16	42876	0.0	310	30	49	0	0	1700		
92H16	42877	0.0	390	60	44	0	0	1800		
92H16	42878	0.0	400	75	44	0	0	1900		
92H16	42879	0.7	18	<5	37	650	^	1340		
92H16	42880	6.6	143	10	70	2070	^	0.33%		
92H16	42881	1.1	40	<5	27	740	^	1360		
92H16	42882	5.5	170	<5	21	960	^	910		
92H16	42883	3.3	36	25	39	980	0	1833%		
92H16	42884	7.7	195	25	63	1640	^	1833%		
92H16	42885	1.1	163	10	15	272	^	540		
92H16	42886	1.1	44	<5	11	312	^	282		
92H16	42887	2.2	36	<5	14	1180	^	930		
92H16	42888	2.2	17	<5	25	53	5	126		
92H16	42889	1.1	46	<5	55	338	^	1130		
92H16	42890	1.1	38	<5	33	580	^	2150		
92H16	42891	1.4	116	<5	12	402	^	386		
92H16	42892	0.3	11	<5	5	85	^	177		

ZONE C1

ZONE C2-C3 (CONT'D)

ZONE CA

Au1 PPB

✓✓✓✓

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Sb PPM	Zn PPM
92H16		42869*	0.3	11	<5	5	80	<2	170
test	STD AU4	9114			180				
test	STD AU4	9114			215				
test	STD AU4	9114			310				

END OF LISTING - 118 RECORDS PRINTED Run on: 89:06:26 at 9:26:47

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	6	0	0	0	112
AS	0	10	0	0	0	112
AU1	0	56	0	0	0	112
PB	0	0	0	9	0	112
SB	0	105	0	0	0	112
ZN	0	0	0	11	0	112

6 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V232 SPRING

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	112	0	92H16	92H16		
SAMP	0	112				
PROJ	112	0	9114	9114		
AG	112	0	0.10	70.00	3.79	7.30
AS	112	0	1.00	870.00	102.00	153.59
AU1	112	0	2.50	150.00	17.86	29.52
CU	112	0	2.00	196.00	30.42	28.10
PB	112	0	16.00	5500.00	776.04	1088.49
SB	112	0	1.00	17.00	1.24	1.60
ZN	112	0	35.00	6500.00	1020.13	1211.43

END OF SCAN:      DATE: 89:06:26      time: 9:26:47      112 RECORDS PROCESSED