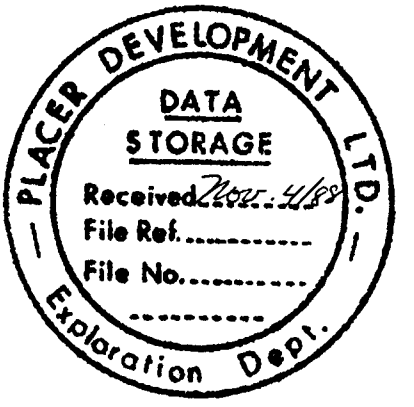
862302

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: NOBLE 188 CLEARWATER



PDL lab data file: ~~P040~~ P8410
AREA: CLEARWATER
MAPSHEET NO: 82M12W
VENTURE: NOBLE 188
GEOLOGIST: L WARNER
LAB PROJECT NO: 8410

PLEASE DISTRIBUTE RESULTS TO: LW BB LAB

REMARKS:
"AU1 RESULTS REPORTED IN PPB"

PDL lab data file: P8410
no index file information available

STANDARD ANALYSIS METHODS USED BY PDL 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
MO	PPM	0.5	HCLO4/HNO3	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	HCLO4/HNO3	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	HCLO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	HCLO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AU	PPM	10.0	AQUA REGIA	3HRS	0.01-4.00	A.A. SOLVENT EXTRACT.
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
U	PPM	0.25	DIL HNO3	2HRS	1.0-1000	FLOURIMETRY SOLV. EX.
V	PPM	0.5	HF/HCLO4/HNO3/HCL	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	HCLO4/H3PO4	2HRS	2-1000	DC PLASMA
F	PPM	0.25	NA2CO3/KNO3 FUSION	30MIN	40-4000	SPECIFIC ION ELECTRODE
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
SB	PPM	0.5	HCL/HNO3	3HRS	2-2000	DC PLASMA
BI	PPM	0.5	HCLO4/HNO3	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	HCLO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
FE	%	0.5	HF/HCLO4/HNO3/HCL	6HRS	0.02-20%	DC PLASMA
HG	PPB	0.25	DIL HNO3/HCL	2HRS	5-2000PPB	A.A. COLD VAPOR GEN.
BA	%	0.25	HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
NA	%	0.5	HF/HCLO4/HNO3/HCL	6HRS	0.2 -20%	DC PLASMA
K	%	0.5	HF/HCLO4/HNO3/HCL	6HRS	0.2 -20%	DC PLASMA
CA	%	0.5	HF/HCLO4/HNO3/HCL	6HRS	0.02-20%	DC PLASMA
SR	PPM	0.5	HF/HCLO4/HNO3/HCL	6HRS	10-2000	DC PLASMA
MG	%	0.5	HF/HCLO4/HNO3/HCL	6HRS	0.2-20%	DC PLASMA
SN	PPM	1.0	NH4I FUSION	15MIN	5-500	A.A. SOLVENT EXTRACT.
PT	PPB	25.0	FIRE ASSAY	45MIN	DL 10PPB	DC PLASMA
PD	PPB	25.0	FIRE ASSAY	45MIN	DL 5PPB	DC PLASMA
LOI	%	1.0	ASH 600 DEG C	2HRS	0.02-99%	WEIGH RESIDUE

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM NOBLE 188 CLEARWATER

GRID	SAMPLE	PROJECT		CU	ZN	PB	AG	AU1
82M12W		33851	8410	71	11	22	0.2	<5
82M12W		33852	8410	95	10	15	<0.2	<5
82M12W		33853	8410	76	5	16	<0.2	<5
82M12W		33854	8410	134	4	6	<0.2	<5
82M12W		33855	8410	39	12	8	<0.2	<5
82M12W		33856	8410	77	7	9	<0.2	<5
82M12W		33857	8410	203	10	18	<0.2	<5
82M12W		33858	8410	230	51	17	<0.2	<5
82M12W		33859	8410	180	33	16	<0.2	<5
82M12W		33859*	8410	185	32	15	<0.2	<5
82M12W		33860	8410	231	31	17	<0.2	<5
82M12W		33861	8410	115	50	20	<0.2	<5
82M12W		33862	8410	276	24	20	<0.2	<5
82M12W		33863	8410	360	26	21	<0.2	<5
82M12W		33864	8410	206	17	16	<0.2	<5
82M12W		33865	8410	314	26	10	<0.2	<5
82M12W		33866	8410	182	15	16	<0.2	<5
82M12W		33867	8410	780	21	10	<0.2	<5
82M12W		33868	8410	630	28	18	<0.2	<5
test	STD P		8410	130	97	100	1.2	
82M12W		33869	8410	195	23	16	0.3	15
82M12W		33870	8410	35	12	14	<0.2	<5
82M12W		33871	8410	66	17	20	<0.2	5
82M12W		33872	8410	397	31	11	<0.2	20
82M12W		33873	8410	52	15	22	<0.2	10
82M12W		33874	8410	35	10	17	<0.2	<5
82M12W		33875	8410	18	10	9	<0.2	<5
82M12W		34169	8410	132	440	158	0.4	10
82M12W		34170	8410	105	285	72	<0.2	<5
82M12W		34170*	8410	103	294	70	<0.2	<5
82M12W		34171	8410	122	700	43	<0.2	<5
82M12W		34172	8410	150	1450	250	0.8	<5
82M12W		34173	8410	90	1900	1460	1.8	<5
82M12W		34174	8410	116	740	190	0.6	<5
82M12W		34175	8410	243	2260	1540	1.4	<5
82M12W		34176	8410	46	920	1230	3.8	<5
82M12W		34177	8410	64	1040	20	0.6	<5
82M12W		34178	8410	30	120	61	0.4	<5
82M12W		34179	8410	22	13	7	<0.2	<5
test	STD P		8410	133	100	100	1.3	
82M12W		34180	8410	60	70	20	<0.2	<5
82M12W		34181	8410	33	18	20	<0.2	<5
82M12W		34182	8410	80	57	32	<0.2	<5
82M12W		34183	8410	45	322	123	0.3	<5
82M12W		34184	8410	44	68	32	<0.2	<5
82M12W		34185	8410	58	80	36	0.7	<5
82M12W		34186	8410	42	50	13	<0.2	<5
82M12W		34187	8410	13	27	12	<0.2	10
82M12W		34188	8410	30	155	120	0.9	<5
test	STD P		8410	135	97	103	1.2	
82M12W		34189	8410	19	20	10	0.2	<5
82M12W		34190	8410	42	53	8	0.2	60
82M12W		34191	8410	28	70	8	<0.2	35
82M12W		34192	8410	20	33	16	<0.2	5
82M12W		34193	8410	12	9	4	<0.2	<5
82M12W		34194	8410	33	57	14	<0.2	<5
82M12W		34195	8410	31	26	13	<0.2	10
82M12W		34196	8410	21	32	14	<0.2	<5
82M12W		34197	8410	82	1420	1020	0.8	<5
82M12W		34197*	8410	80	1360	1010	0.8	10

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM NOBLE 188 CLEARWATER

GRID	SAMPLE	PROJECT		CU	ZN	PB	AG	AU1
82M12W		34198	8410	14	44	7	<0.2	<5
82M12W		34199	8410	15	40	14	<0.2	<5
82M12W		34200	8410	17	25	8	<0.2	<5
82M12W		34201	8410	25	64	32	<0.2	15
82M12W		34202	8410	30	63	18	<0.2	10
82M12W		34203	8410	20	40	10	<0.2	20
82M12W		34204	8410	17	60	15	<0.2	<5
82M12W		34205	8410	12	80	76	<0.2	5
82M12W		34206	8410	10	12	6	<0.2	<5
test	STD P		8410	132	95	100	1.3	
82M12W		34207	8410	15	23	8	<0.2	<5
82M12W		34208	8410	21	32	13	<0.2	<5
82M12W		34209	8410	50	46	15	<0.2	<5
82M12W		34210	8410	10	13	15	<0.2	<5
82M12W		34211	8410	16	13	14	<0.2	10
82M12W		34212	8410	7	15	9	<0.2	<5
82M12W		34213	8410	4	10	4	<0.2	<5
82M12W		34214	8410	7	17	7	<0.2	<5
82M12W		34215	8410	22	28	16	<0.2	<5
82M12W		34215*	8410	22	28	16	<0.2	<5
82M12W		34216	8410	21	31	13	<0.2	<5
82M12W		34217	8410	33	74	9	<0.2	<5
82M12W		34218	8410	28	50	11	<0.2	<5
82M12W		34219	8410	27	67	8	<0.2	<5
82M12W		34220	8410	180	167	211	2.6	5
82M12W		34221	8410	1300	0.56%	394	8.0	15
82M12W		34222	8410	156	49	30	0.3	<5
82M12W		34223	8410	245	1070	200	3.1	<5
82M12W		34224	8410	150	270	45	0.4	<5
82M12W		34224*	8410	150	270	45	0.4	<5
82M12W		34225	8410	106	920	270	1.6	<5
82M12W		34226	8410	540	295	42	0.6	5
82M12W		34227	8410	106	290	325	3.0	<5
82M12W		34228	8410	48	225	106	0.3	<5
82M12W		34229	8410	64	123	27	0.2	<5
82M12W		34230	8410	117	115	78	0.6	<5
82M12W		34231	8410	25	40	12	<0.2	<5
82M12W		34232	8410	660	57	28	0.6	<5
82M12W		34233	8410	185	50	16	0.2	<5
test	STD P		8410	130	100	110	1.6	
82M12W		34234	8410	120	52	10	<0.2	<5
82M12W		34235	8410	72	51	11	<0.2	<5
82M12W		34236	8410	133	51	7	<0.2	<5
82M12W		34237	8410	72	15	7	<0.2	<5
82M12W		34238	8410	330	32	16	0.3	20
82M12W		34239	8410	343	43	32	0.6	<5
82M12W		34240	8410	30	18	7	<0.2	<5
82M12W		34241	8410	107	30	11	<0.2	<5
82M12W		34242	8410	83	30	9	<0.2	<5
test	STD P		8410	132	100	110	1.4	
82M12W		34243	8410	52	30	6	<0.2	10
82M12W		34244	8410	300	146	11	0.2	<5
82M12W		34245	8410	50	55	10	<0.2	<5
82M12W		34246	8410	47	20	6	<0.2	<5
82M12W		34247	8410	51	22	7	<0.2	<5
82M12W		34248	8410	61	13	13	0.2	<5
82M12W		34249	8410	82	12	10	<0.2	<5
82M12W		34250	8410	71	11	12	<0.2	<5
82M12W		34250*	8410	71	10	23	<0.2	<5
test	STD PB-ZN		8410		0.56%			

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM NOBLE 188 CLEARWATER

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1
test	STD AU	8410					450
test	STD AU	8410					450
test	STD AU	8410					410

END OF LISTING - 123 RECORDS PRINTED
GCLIST RUN AT: 10:26:07

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
ZN	0	0	0	1	0	107
AG	0	74	0	0	0	107
AU1	0	87	0	0	0	107

16 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: NOBLE 188 CLEARWATER

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	107	0	82M12W	82M12W		
SAMP	0	107				
PROJ	107	0	8410	8410		
AG	107	0	0.10	8.00	0.41	0.97
AU1	107	0	2.50	60.00	4.79	7.28
CU	107	0	4.00	1300.00	122.59	180.59
PB	107	0	4.00	1540.00	86.23	254.98
ZN	107	0	4.00	5600.00	221.34	650.27

END OF GCHSCAN: DATE: 88:11:01 time: 10:26:07 107 RECORDS PROCESSED