

## 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: P8412  
 AREA: CLEARWATER  
 MAPSHEET NO: 82M12W  
 VENTURE: NOBLE 188  
 GEOLOGIST: L WARNER  
 LAB PROJECT NO: 8412

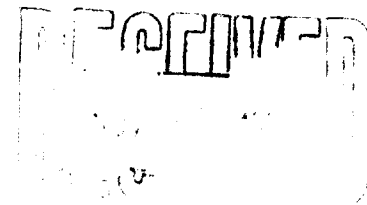
PLEASE DISTRIBUTE RESULTS TO: LW BB LAB

REMARKS:  
 "AU1 RESULTS REPORTED IN PPB"

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	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-2000	ATOMIC ABSORPTION
AG	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	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 HNO <sub>3</sub>	2HRS	1.0-1000	FLOURIMETRY SOLV. EX.
V	PPM	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	HClO <sub>4</sub> /H <sub>3</sub> PO <sub>4</sub>	2HRS	2-1000	DC PLASMA
F	PPM	0.25	NA <sub>2</sub> CO <sub>3</sub> /KNO <sub>3</sub> FUSION	30MIN	40-4000	SPECIFIC ION ELECTRODE
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
SB	PPM	0.5	HCL/HNO <sub>3</sub>	3HRS	2-2000	DC PLASMA
BI	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-2000	ATOMIC ABSORPTION
FE	%	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	0.02-20%	DC PLASMA
HG	PPB	0.25	DIL HNO <sub>3</sub> /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/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	0.2 -20%	DC PLASMA
K	%	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	0.2 -20%	DC PLASMA
CA	%	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	0.02-20%	DC PLASMA
SR	PPM	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	10-2000	DC PLASMA
MG	%	0.5	HF/HClO <sub>4</sub> /HNO <sub>3</sub> /HCL	6HRS	0.2-20%	DC PLASMA
SN	PPM	1.0	NH <sub>4</sub> I 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		33876 8412	33	13	12	<0.2	<5
82M12W		33877 8412	33	18	9	<0.2	<5
82M12W		33878 8412	75	27	14	<0.2	<5
82M12W		33879 8412	28	36	16	<0.2	<5
82M12W		33880 8412	31	27	12	<0.2	<5
82M12W		33881 8412	71	154	18	<0.2	5
82M12W		33882 8412	60	130	60	0.6	<5
82M12W		33883 8412	366	97	53	0.8	<5
82M12W		33884 8412	115	223	180	0.7	<5
82M12W		33884* 8412	115	227	178	0.7	<5
82M12W		33885 8412	880	58	16	0.3	<5
82M12W		33886 8412	245	31	19	0.4	<5
82M12W		33887 8412	320	36	25	0.3	<5
82M12W		33888 8412	102	70	22	<0.2	<5
82M12W		33889 8412	70	28	30	<0.2	75
82M12W		33890 8412	37	24	10	<0.2	10
82M12W		33891 8412	226	67	30	0.2	5
82M12W		33892 8412	90	97	9	<0.2	<5
82M12W		33893 8412	178	35	11	0.2	<5
test	STD P	8412	130	92	103	1.4	
82M12W		33894 8412	205	22	12	<0.2	<5
82M12W		33895 8412	223	1120	970	3.0	<5
82M12W		33896 8412	200	45	34	0.2	<5
82M12W		33897 8412	139	72	54	0.3	<5
82M12W		33898 8412	96	125	34	0.2	<5
82M12W		33899 8412	150	110	24	<0.2	<5
82M12W		33900 8412	165	113	25	0.2	<5
82M12W		33901 8412	235	88	24	0.3	<5
82M12W		33902 8412	158	57	16	0.2	<5
82M12W		33902* 8412	160	60	18	0.2	<5
82M12W		33903 8412	155	48	12	0.2	<5
82M12W		33904 8412	490	40	14	0.3	<5
82M12W		33905 8412	510	120	21	0.3	<5
82M12W		33906 8412	420	40	11	0.2	<5
82M12W		33907 8412	343	82	17	0.9	<5
82M12W		33908 8412	930	44	17	1.2	<5
82M12W		33909 8412	1020	45	5	1.0	<5
82M12W		33910 8412	308	33	13	1.0	<5
82M12W		33911 8412	430	14	31	0.3	<5
test	STD P	8412	130	87	102	1.3	
82M12W		33912 8412	430	30	18	0.4	<5
82M12W		33913 8412	352	58	10	0.2	<5
82M12W		33914 8412	90	146	6	<0.2	<5
82M12W		33914* 8412	88	144	6	<0.2	<5
test	STD AU	8412					500

END OF LISTING - 45 RECORDS PRINTED  
GCLIST RUN AT: 11:10:36

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	13	0	0	0	39
AU1	0	35	0	0	0	39

6 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: NOBLE 188 CLEARWATER

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	39	0	82M12W	82M12W		
SAMP	0	39				
PROJ	39	0	8412	8412		
AG	39	0	0.10	3.00	0.39	0.52
AU1	39	0	2.50	75.00	4.68	11.63
CU	39	0	28.00	1020.00	256.64	243.41
PB	39	0	5.00	970.00	49.08	154.00
ZN	39	0	13.00	1120.00	92.90	175.05

END OF GCHSCAN:      DATE: 88:11:03      time: 11:10:36      39 RECORDS PROCESSED