

GEOCHEMICAL DATA LISTING: NOBLE 188 CLEARWATER

DATE: 88:07:12

PDL lab data file: P8131
 AREA: CLEARWATER
 MAPSHEET NO: 82M12
 VENTURE: NOBLE 188
 GEOLOGIST: L WARNER
 LAB PROJECT NO: 8131

PLEASE DISTRIBUTE RESULTS TO: LW BB LAB

REMARKS:
 "AU1 RESULTS ARE REPORTED IN PPB"
 "ASSAY ANOMALOUS AU & AG RESULTS"

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 ₄ /HNO ₃	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	HClO ₄ /HNO ₃	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
AG	PPM	0.5	HClO ₄ /HNO ₃	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 ₃	2HRS	1.0-1000	FLOURIMETRY SOLV. EX.
V	PPM	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	HClO ₄ /H ₃ PO ₄	2HRS	2-1000	DC PLASMA
F	PPM	0.25	NA ₂ CO ₃ /KNO ₃ FUSION	30MIN	40-4000	SPECIFIC ION ELECTRODE
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
SB	PPM	0.5	HCL/HNO ₃	3HRS	2-2000	DC PLASMA
BI	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
FE	%	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	0.02-20%	DC PLASMA
HG	PPB	0.25	DIL HNO ₃ /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 ₄ /HNO ₃ /HCL	6HRS	0.2 -20%	DC PLASMA
K	%	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	0.2 -20%	DC PLASMA
CA	%	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	0.02-20%	DC PLASMA
SR	PPM	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	10-2000	DC PLASMA
MG	%	0.5	HF/HClO ₄ /HNO ₃ /HCL	6HRS	0.2-20%	DC PLASMA
SN	PPM	1.0	NH ₄ 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

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1	
82M12		34001	8131	5	16	11	<0.2	<5
82M12		34002	8131	5	7	8	<0.2	<5
82M12		34003	8131	10	8	8	<0.2	<5
82M12		34004	8131	100	51	17	0.5	<5
82M12		34005	8131	9	49	4	<0.2	<5
82M12		34006	8131	47	60	6	<0.2	<5
82M12		34007	8131	26	128	98	0.5	<5
82M12		34008	8131	20	8	3	<0.2	<5
82M12		34009	8131	40	60	13	<0.2	<5
test	STD P		8131	128	88	102	1.2	<5
82M12		34010	8131	80	40	9	<0.2	<5
82M12		34011	8131	1420	296	1010	8.0	20
82M12		34012	8131	4	2	3	<0.2	<5
82M12		34013	8131	100	140	20	<0.2	<5
82M12		34014	8131	162	385	17	<0.2	<5
82M12		34015	8131	34	82	22	<0.2	<5
82M12		34016	8131	260	3800	630	16.0	<5
82M12		34017	8131	37	31	9	<0.2	<5
82M12		34018	8131	38	50	22	<0.2	<5
82M12		34018*	8131	38	52	22	<0.2	<5
82M12		34019	8131	16	326	450	5.0	<5
82M12		34020	8131	25	67	18	<0.2	<5
82M12		34066	8131	43	470	62	0.4	<5
82M12		34067	8131	190	50	155	1.2	<5
82M12		34068	8131	120	1120	5200	4.8	15
82M12		34069	8131	15	23	27	0.2	<5
82M12		34070	8131	53	24	6	<0.2	<5
82M12		34071	8131	7	4	5	<0.2	<5
82M12		34072	8131	660	30	12	<0.2	<5
test	STD P		8131	120	85	102	1.2	<5
82M12		34073	8131	117	11	11	<0.2	<5
82M12		34074	8131	20	9	8	<0.2	<5
82M12		34075	8131	132	112	28	0.2	<5
82M12		34076	8131	38	15	9	<0.2	<5
82M12		34077	8131	127	76	7	0.2	<5
82M12		34078	8131	700	20	23	0.4	20
82M12		34079	8131	680	13	2	0.5	10
82M12		34080	8131	160	9	16	0.2	<5
82M12		34081	8131	105	6	16	0.3	10
82M12		34081*	8131	100	5	15	0.2	15
82M12		34082	8131	44	20	11	0.3	<5
82M12		34083	8131	120	15	11	0.3	<5
82M12		34084	8131	1970	106	12	0.7	15
82M12		34085	8131	36	131	30	0.4	<5
82M12		34086	8131	0.35%	23	5	0.4	<5
82M12		34087	8131	530	22	2	2.4	<5
82M12		34088	8131	44	2310	1300	3.2	<5
82M12		34088*	8131	42	2340	1310	3.3	<5
test	STD CU		8131	0.41%				<5

END OF LISTING - 49 RECORDS PRINTED
 GCLIST RUN AT: 16:06:35



PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
CU	0	0	0	1	0	43
AG	0	21	0	0	0	43
AU1	0	36	0	0	0	43

6 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: NOBLE 188 CLEARWATER

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	43	0	82M12	82M12		
SAMP	0	43				
PROJ	43	0	8131	8131		
AG	43	0	0.10	16.00	1.12	2.82
AU1	43	0	2.50	20.00	4.30	4.64
CU	43	0	4.00	3500.00	275.56	633.25
PB	43	0	2.00	5200.00	217.12	821.83
ZN	43	0	2.00	3800.00	237.79	677.55

END OF GCHSCAN: DATE: 88:07:12 time: 16:06:35 43 RECORDS PROCESSED