

PDL lab data file: P8132
 AREA: CLEARWATER
 MAPSHEET NO: 82M12
 VENTURE: NOBLE 188
 GEOLOGIST: L WARNER
 LAB PROJECT NO: 8132

PLEASE DISTRIBUTE RESULTS TO: (LW) BB LAB

REMARKS:
 "AUI RESULTS ARE REPORTED IN PPB"
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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.
AUI	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

APPROVED
 JUL 18 1988
 [Signature]

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1	
82M12	L8500E	4500N	8132	18	99	22	<0.2	<5
82M12	L8500E	4520N	8132	13	105	28	<0.2	<5
82M12	L8500E	4540N	8132	24	92	29	<0.2	<5
82M12	L8500E	4560N	8132	23	115	21	<0.2	<5
82M12	L8500E	4580N	8132	18	78	16	<0.2	<5
82M12	L8500E	4600N	8132	20	148	16	<0.2	<5
82M12	L8500E	4620N	8132	12	100	34	<0.2	<5
82M12	L8500E	4640N	8132	9	70	30	<0.2	<5
82M12	L8500E	4660N	8132	22	95	23	0.2	<5
test	STD P	8132	120	85	98	1.4		
82M12	L8500E	4680N	8132	38	93	21	<0.2	<5
82M12	L8500E	4700N	8132	35	123	17	<0.2	<5
82M12	L8500E	4700N*	8132	36	128	17	<0.2	<5

END OF LISTING - 13 RECORDS PRINTED
GCLIST RUN AT: 13:15:50

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	10	0	0	0	11
AU1	0	11	0	0	0	11

2 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: NOBLE 188 CLEARWATER

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	11	0	82M12	82M12		
SAMP	11	0	L8500E	L8500E		
PROJ	11	0	8132	8132		
AG	11	0	0.10	0.20	0.11	0.03
AU1	11	0	2.50	2.50	2.50	0.00
CU	11	0	9.00	38.00	21.09	8.98
PB	11	0	16.00	34.00	23.36	6.10
ZN	11	0	70.00	148.00	101.64	21.39

END OF GCHSCAN: DATE: 88:07:13 time: 13:15:50 11 RECORDS PROCESSED