

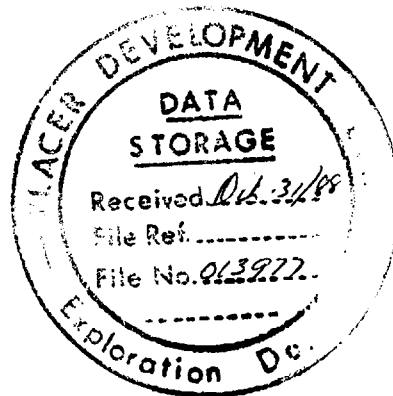
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L M W -

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: P8403 ✓
 AREA: CLEARWATER
 MAPSHEET NO: 82M12W
 VENTURE: NOBLE 188
 GEOLOGIST: L WARNER
 LAB PROJECT NO: 8403



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 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

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM NOBLE 188 CLEARWATER

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1
82M12W		33774 8403	60	102	53	0.4	<5
82M12W		33775 8403	87	740	281	0.7	<5
82M12W		33776 8403	76	110	31	<0.2	<5
82M12W		33777 8403	130	137	32	<0.2	<5
82M12W		33778 8403	107	166	31	<0.2	5
82M12W		33779 8403	95	109	52	0.2	<5
82M12W		33780 8403	84	173	41	0.2	<5
82M12W		33781 8403	47	90	23	0.2	10
82M12W		33782 8403	57	103	26	0.2	<5
test	STD P	8403	130	100	105	1.5	
82M12W		33783 8403	32	70	22	0.8	<5
82M12W		33784 8403	38	70	21	0.2	<5
82M12W		33785 8403	30	125	28	0.2	<5
82M12W		33786 8403	45	138	33	<0.2	<5
82M12W		33787 8403	47	2240	34	0.4	<5
82M12W		33788 8403	52	0.25%	27	0.3	<5
82M12W		33789 8403	45	143	26	0.4	<5
82M12W		33790 8403	42	108	25	0.2	<5
82M12W		33791 8403	50	86	21	0.2	15
test	STD P	8403	123	96	106	1.3	
82M12W		33792 8403	44	136	51	0.2	20
82M12W		33793 8403	56	112	14	<0.2	15
82M12W		33794 8403	44	181	97	0.4	<5
82M12W		33795 8403	75	85	18	<0.2	<5
82M12W		33796 8403	80	76	20	0.8	<5
82M12W		33797 8403	57	57	15	<0.2	5
82M12W		33798 8403	60	71	15	<0.2	<5
82M12W		33799 8403	250	81	18	<0.2	<5
82M12W		33800 8403	112	90	14	<0.2	<5
82M12W		33800* 8403	113	93	15	<0.2	5
82M12W		33801 8403	80	60	13	<0.2	<5
82M12W		33802 8403	102	72	16	<0.2	<5
82M12W		33803 8403	83	74	20	<0.2	<5
82M12W		33804 8403	80	72	14	<0.2	<5
82M12W		33805 8403	43	58	14	<0.2	<5
82M12W		33806 8403	49	60	12	<0.2	<5
82M12W		33807 8403	210	84	25	0.2	<5
82M12W		33808 8403	112	45	13	0.2	<5
82M12W		33809 8403	66	330	66	0.3	<5
82M12W		33809* 8403	66	328	67	0.5	<5
82M12W		33810 8403	30	220	75	0.5	<5
82M12W		33811 8403	31	50	15	<0.2	<5
82M12W		33812 8403	36	68	30	<0.2	<5
82M12W		33813 8403	37	87	18	<0.2	<5
82M12W		33814 8403	34	74	23	<0.2	<5
82M12W		33815 8403	53	37	30	<0.2	<5
82M12W		33816 8403	31	82	16	<0.2	<5
82M12W		33817 8403	33	76	16	<0.2	<5
82M12W		33818 8403	34	110	20	<0.2	<5
82M12W		33818* 8403	34	110	22	<0.2	<5
82M12W		33819 8403	20	880	18	<0.2	<5
82M12W		33820 8403	30	800	31	<0.2	<5
82M12W		33821 8403	25	226	53	<0.2	<5
82M12W		33822 8403	40	610	50	<0.2	<5
82M12W		33823 8403	54	120	31	<0.2	<5
82M12W		33824 8403	30	203	20	<0.2	<5
82M12W		33825 8403	57	62	20	<0.2	10
82M12W		33826 8403	52	52	21	<0.2	<5
82M12W		33827 8403	89	53	15	<0.2	5
test	STD P	8403	120	93	100	1.4	

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM NOBLE 188 CLEARWATER

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1
82M12W		33828 8403	35	68	18	<0.2	<5
82M12W		33829 8403	46	97	20	<0.2	<5
82M12W		33830 8403	70	83	21	<0.2	<5
82M12W		33831 8403	48	61	15	<0.2	<5
82M12W		33832 8403	30	62	15	<0.2	<5
82M12W		33833 8403	40	60	15	<0.2	10
82M12W		33834 8403	32	60	15	<0.2	<5
82M12W		33835 8403	43	65	12	<0.2	<5
82M12W		33836 8403	48	70	15	<0.2	10
test	STD P	8403	126	97	102	1.4	
82M12W		33837 8403	40	70	12	<0.2	<5
82M12W		33838 8403	27	48	18	<0.2	<5
82M12W		33839 8403	62	68	14	<0.2	<5
82M12W		33840 8403	70	116	15	<0.2	30
82M12W		33841 8403	92	91	17	<0.2	15
82M12W		33842 8403	136	124	31	0.2	<5
82M12W		33843 8403	60	76	16	<0.2	<5
82M12W		33844 8403	28	65	10	<0.2	<5
82M12W		33845 8403	50	80	11	<0.2	<5
82M12W		33845* 8403	48	82	10	<0.2	<5
82M12W		33846 8403	40	72	12	<0.2	<5
82M12W		33847 8403	49	80	13	<0.2	<5
82M12W		33848 8403	32	122	8	<0.2	<5
82M12W		33849 8403	62	93	15	<0.2	<5
test	STD P	8403	120	94	95	1.3	
test	STD PB-ZN	8403		0.58%			
test	STD AU	8403					470
test	STD AU	8403					430
test	STD AU	8403					495

END OF LISTING - 89 RECORDS PRINTED
 GCLIST RUN AT: 10:35:13

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
ZN	0	0	0	1	0	76
AG	0	54	0	0	0	76
AU1	0	64	0	0	0	76

13 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: NOBLE 188 CLEARWATER

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	76	0	82M12W	82M12W		
SAMP	0	76				
PROJ	76	0	8403	8403		
AG	76	0	0.10	0.80	0.17	0.15
AU1	76	0	2.50	30.00	4.08	4.60
CU	76	0	20.00	250.00	60.30	37.99
PB	76	0	8.00	281.00	27.66	33.29
ZN	76	0	37.00	2500.00	190.72	394.13

END OF GCHSCAN: DATE: 88:10:26 time: 10:35:13 76 RECORDS PROCESSED