

Soils Lab Analyses		Code	Base Rate	Federal & other Gov Rate	State of NV rate	Commercial Rate
	Sample Operating/Handling Fee ¹	R1	13.60	22.44	18.90	23.80
	Report Fee ²	R2	16.80	27.72	23.35	29.40
Soil / Sediment Samples						
Sample Pretreatment						
	Moisture Content and %Gravel	P1	8.70	14.36	12.09	15.23
	Excess Volume Fee (>1L)	P-ExVol	2.20	3.63	3.06	3.85
	Organic Matter Removal	P2	6.00	9.90	8.34	10.50
	Carbonate Removal	P3	7.60	12.54	10.56	13.30
	Grinding (Vial Rotator)	P4	2.90	4.79	4.03	5.08
	Grinding (Ball Mill)	P5	14.80	24.42	20.57	25.90
Particle Size Analyses						
Traditional Particle Size - Pipette						
	Total PSA (5 sand, 2 Silt, Clay) - PMM 383	T1	39.50	65.18	54.91	69.13
	Partial (1 Sand, 2 Silt, Clay)	T2	34.20	56.43	47.54	59.85
Laser Particle Size - Malvern Mastersizer 3000 Hydro						
	Base (<2mm samples only)	MH1	20.70	34.16	28.77	36.23
	With sample preparation (one wet or dry sieve)	MH2	26.50	43.73	36.84	46.38
	With sample preparation and sand fractionation (up to 5 sieves)	MH3	38.10	62.87	52.96	66.68
Laser Particle Size - Malvern Mastersizer 3000 Aero						
	Base (<2mm samples only)	MA1	18.30	30.20	25.44	32.03
	With sample preparation (one wet or dry sieve)	MA2	26.20	43.23	36.42	45.85
	With sample preparation and sand fractionation (up to 5 sieves)	MA3	29.30	48.35	40.73	51.28
Soil Plasticity (Plastic and Liquid Limit)						
	Plasticity Index Testing	PL1	20.80	34.32	28.91	36.40
Stacked Sieve Analysis - Ro-Tap						
	Base (up to 6 sieves)	PS1	19.30	31.85	26.83	33.78
	Excess volume fee (> 1kg)	PS-ExVol	10.80	17.82	15.01	18.90
Chemical Analyses						
	Carbonate Content	C1	20.60	33.99	28.63	36.05
	Carbonate Content Small Batch (<5 Samples) ³	C1-Sm	22.61	37.30	31.43	39.57
	Electrical Conductivity (1:5)	C2	12.90	21.29	17.93	22.58
	Soil pH (Buffered CaCl ₂)	C3	15.60	25.74	21.68	27.30
	Fe Oxides (All Methods)	C4	31.80	52.47	44.20	55.65
	Ion Chromatography (cation and anion suites)	C6	61.00	100.65	84.79	106.75
	Ion Chromatography Small Batch(<5 Samples) ⁴	C6-Sm	61.40	101.31	85.35	107.45
Physical Analyses						
Organic Matter						
	Loss-on-ignition (LOI)	O1	10.20	16.83	14.18	17.85
Bulk Density						
	Paraffin Wax	D1	27.60	45.54	38.36	48.30
	In-Situ only (Bulk Can)	D2	9.18	15.15	12.76	16.06
	X-Ray Fluorescence - Portable	XRF	57.80	95.37	80.34	101.15
Method Development						
		MD1	60.80	100.32	84.51	106.40
HYPROP Analysis						
	Base	HY1	36.20	59.73	50.32	63.35
	add WP4	HY2	20.90	34.49	29.05	36.58
	add KSAT	HY3	20.90	34.49	29.05	36.58
Water-sediment mixtures						
Sediment Concentration						
	Sediment Concentration	W1	13.20	21.78	18.35	23.10
	Excessive Volume Fee (>1L)	W-ExVol	6.80	11.22	9.45	11.90
	Total Suspended Solids	W2	25.00	41.25	34.75	43.75
Laser Particle Size Analysis - Malvern Mastersizer 3000						
	Base	L1	22.70	37.46	31.55	39.73
	Excessive Volume Fee (>500mL)	L1-ExVol	3.10	5.11	4.31	5.42

¹ All samples entering the lab will be charged this fee which includes lab operating costs, and time spent logging in samples and establishing an analysis strategy with the PI.

² Report fee to be charged for any written reports or data presentation/formatting that varies from the standard summary table offered.

^{3,4} Small batch rate to be used for CaCO₃ and IC sample batches of less than 5 samples to cover standards & calibration costs.