

SPECIFIC GRAVITY DATA - DRILL CORE

60008471 - 60008474

6008471; 1447
4010

HECLA MINING COMPANY - ROSEBUD PROJECT										
1995 UNDERGROUND IN-FILL DRILLING PROGRAM										
SPECIFIC GRAVITY MEASUREMENTS - VUGY & CLAY-RICH SAMPLES										
Hole ID	Sample Location (ft. downhole)	Au (opt)	Ag (opt)	Formation	Sample Description	Mass (g)	Unwrapped Specific Gravity 1 (g/ml)	Wrapped Specific Gravity 2 (g/ml)	SG1 - SG2 (g/ml)	% Difference
D-117-95	24.2 ✓	n/a	n/a	LBT	heterolithic flow breccia; cut by open-space, vugy stockwork of marcasite blades + chalcedony @ ±0° to c.a. Veins =< 0.5" wide; ±10% of core surface area.	1302.8	2.48	2.35	0.13	5.4%
	34.0 ✓	n/a	n/a	LBT	s.a.a.; w\ by a single large (0.6") open-space, vugy vein of drusy qtz + marcasite + white clay @ ±0° to c.a.; 10-15% of core surface area.	729.1	2.35	2.11	0.24	10.1%
	35.9 ✓	n/a	n/a	LBT	s.a.a.; w\ large (0.4") vein (s.a.a.) @ 20° to c.a.	1024.5	2.44	2.23	0.21	8.7%
	38.0 ✓	n/a	n/a	LBT	heterolithic, chaotic breccia; open-space, vugy stockwork & open/clay-filled vugs; mineralization s.a.a.; ±6-8% of core surface area.	1021.0	2.40	2.29	0.11	4.5%
	48.1 ✓	n/a	n/a	LBT	monolithic tuff breccia w\ 8 small (0.1") vugy veinlets @ 50° to c.a.; mineralization s.a.a. ±5% of core surface area.	1116.5	2.38	2.23	0.14	6.0%
	70.2 ✓	n/a	n/a	LBT	s.a.a. w\ 2 (0.1" & 0.3") qtz + marcasite open-space veins @ 25° to c.a.; ±5% of core surface area.	969.6	2.42	2.28	0.14	5.9%
	178.0 ✓	n/a	n/a	LBT	LST breccia w\ 2 (0.2" & 0.4") vugy veins of drusy qtz + marcasite blades @ 25° to c.a.; ±10% of core surface area.	1001.0	2.44	2.30	0.14	5.7%
D-126-95	172.6 ✓	n/a	n/a	LBT	stockworked & brecciated LST w\ open-space veins & vugs of chalcedony + marcasite + Ag-salts + white clay + pyrite; randomly-oriented stockwork + voids = ±6-7% of core surface area.	1299.0	2.36	2.32	0.04	1.8%
	198.2	n/a	n/a	LBT	chloritic fg ash flow w\ grey clay + white clay + pyrite + marcasite- filled open-space fractures @ 40° to c.a.; ±4-5% of core surface area.	733.8	2.45	2.22	0.22	9.1%
Average:							2.41	2.26	0.15	6.4%