

Drilling Specification - Tooling Diameter, Hole Volumes, and Cuttings Generation

	Core Diameter	Bit /Hole Outside Diameter	Hole Volume		Cuttings Generated
	Inches	Inches	Gallons/100'	Cubic Feet/100'	Cubic Feet
NQ	1.875	2.98	36.3	4.85	2.93
NQT	1.995	2.98	36.3	4.85	2.67
HQ	2.5	3.782	58.3	7.79	4.39
PQ	3.345	4.827	95.1	12.71	6.61

2023 Drill Program - Estimated Volumes

Total Drilling	7190	feet
Casing (unconsolidated Material)*	1050	feet
Coring (Bedrock)	6140	feet
Casing Open Hole Volume (PQ)	133	Cubic Feet
Casing Open Hole Volume (HQ)	82	Cubic Feet
Coring Open Hole Volume (HQ)	479	Cubic Feet
Coring Open Hole Volume (NQ)	298	Cubic Feet
Unconsolidated material generated during casing (PQ)	133	Cubic Feet
Unconsolidated material generated during casing (HQ)	82	Cubic Feet
Cutting generated during coring (HQ)	270	Cubic Feet
Cutting generated during coring (NQ)	180	Cubic Feet

* assumes an avg. of 131' of casing/hole

Used for reclamation cost calculation