

TABLE 1: The cavities that were identified with GPR in the Himalaya mine and that were subsequently excavated for information.

File Number	Anomaly Strength	Anomaly Size Thickness ns Length cm	Antenna Frq. MHz	Geological and Mining Indications	Geological Probability	Interpretation	Excavated Findings
438	6	2ns : 30cm	1,000	Zone of AFP, not Economic	High	Air Filled Pocket	AFP with Specimens
441	10	2 ns : 80cm	1,000	Down-dip of known RCFP	Low	Moist Air Filled Pocket	AFP with Gem Tourmaline
504	6	1 ns : 20cm	1,000	Lepidolite Filled Zone	Medium	Probable Gem Tourmaline	Gem Tourmaline in Lepidolite
508	8	1 ns : 20cm	1,000	Down-dip of known RCFP	Medium	RCFV & Fractures	RCFV with Gem Tourmaline
517	9	1 ns : 20cm	1,000	Zone of Excavated Pockets	Low	Opposite Wall Face	Opposite Wall Face
518	10	2 ns : 20cm	1,000	Zone of Excavated Pockets	Medium	RCFV with Gem Tourmaline	RCFV with Gem Tourmaline
519	7	3 ns : 150cm	1,000	Zone of Excavated Pockets	Medium	RCFP with Gem Tourmaline	RCFP w/ Gem Tourmaline (Fig 2b)
521	5	1 ns : 20cm	1,000	Zone of Excavated Pockets	Low	Wet Fracture Zone	Water Coated Fractures
530	8	2 ns : 40cm	1,000	Zone of Excavated Pockets	Low	RCFP with Gem Tourmaline	RCFP with Gem Tourmaline
531	5	1 ns : 30cm	1,000	Zone of Excavated Pockets	Low	Altered Zone with Fracture	White Clay mass & Fractures
535	2	1 ns : 200cm	1,000	Cross-Drift Wall	Very Low	Barren Section of Dyke	Barren Section
538	9	5 ns : 20cm	1,000	Zone of Excavated Pockets	Low	RCFV & Clay Filled Fracture	RCF Fractures 2/ Gem Tourmaline
539	9	1 ns : 20cm	1,000	Zone of Excavated Pockets	Low	RCFV & Clay Filled Fracture	RCF Fractures w/ Gem Tourmaline
317	1	1 ns : 10cm	900	Barren Zone near ExAFP	Very Low	Barren Zone	Barren Zone
359	4	2 ns : 40cm	500	Classic Pegmatite (Fig 2a)	High	Altered Zone in Frozen Dyke	Frozen Tourmaline & Altered Beryl
370	9	2ns : 80cm	500	Classic Frozen Pegmatite	High	Water on Opposite Side	Flooded Stope on Opposite Side
375	8	1 ns : 10cm	1,000	Classic Frozen Pegmatite	Low	Air Filled Vug	4 cm AFV w/ Clevelandite
387	10	5 ns : 200cm	500	Floor of Drift in Host Rock	None	Fracture Zone & Drift Below	Drift Below & Fractures
114	9	5 ns : 30cm	900	Zone of Excavated Pockets	Low	RCFP with Gem Tourmaline	RCFP with Gem Tourmaline
117	7	1 ns : 20cm	900	Zone of Excavated Pockets	Low	RCFV with Quartz	RCFV with Quartz
212	9	5 ns : 20cm	900	Zone of Excavated Pockets	Low	RCFP with Gem Tourmaline	RCFP with Gem Tourmaline
RP-97	8	5 ns : 20cm	450	Classic Frozen Pegmatite	Low	AFV in Frozen Pegmatite	10 cm AFV w/ Clevelandite
P5-96	6	1 ns : 10cm	900	Classic Frozen Pegmatite	Low	Drill Hole in Pegmatite	4 cm Drill Hole in Pegmatite
RW-96	8	3 ns : 100cm	500	Wall at End of Drift	Medium	Air Filled Drift Opposite Side	Air Filled Drift Opposite Side
L3-95	10	1 ns : 950cm	500	Open Cut Normal to Dyke	Low	Watertable & Pocketline	Watertable & Pocketline
TQ-97	9	2 ns : 40cm	450	Barren area on Drift	Low	Probable RCFV	Red Clay Vug w/ Gems
LQ-97	10	5 ns : 200cm	450	Barren area on Surface	Low	Probable AFP	Air & Soil Filled Pocket

Abbreviations: AFP: Air Filled Pocket, RCFP: Red Clay Filled Pocket, RCFV: Red Clay Filled Vug, AVF, Air Filled Vugs