

Location: ICE PROPERTY, PELLY MOUNTAINS, YT				SURVEYS				Property: ICE			
Azimuth: 006°		Elevation: 1450m		Metreage	Azimuth	Inclination	Corr. Incln	Claim No			
Inclination: 87°		Length: 107m/351'						Section:			
UTM: ZONE 8 630969E / 6830092N		Core Size: BTW						Logged by: C. DOWNIE			
Started: AUG. 22, 2000								Date Logged: AUG 22 - 24, 2000			
Completed: AUG. 24, 2000								Drilling Co. AGGRESSIVE			
Purpose: TEST FOR VMS HORIZON ASSOCIATED WITH EXTENSIVE BARITE FLOAT								Assayec. oy. NAL			
Core Recovery:											
From (m)	To (m)	Description	From (m)	To (m)	Length	Ag	Cu	Pb	Zn		
0.0m	4.6	CASING									
4.6	26.3	SYENITE/RUBBLE ZONE very broken rubbly core, no pieces >8cm length, many redrilled fragments, subsurface is boulders, big jointed blocks, med. grey silicified bleached fine to med grained intrusive, str. selective-pervasive rusty weathering stain; trace disseminated pyrite;	24.20	26.30	2.10	1.7	13	158	219		
26.3	28.6	TUFF? RUBBLE ZONE distinct change in lithology, strongly bleached- altered pale yellow, soft fine grained, weakly laminated volcanic, 70% of interval is rubble and mud, which appears to be derived from volcanic unit; original grain textures masked by intense bleaching- alteration (sericitization?) but there are faint possible lapilli ghosts	26.30	28.60	2.30	3.5	5	225	818		
28.6	30.2	MULTILITHIC BRECCIA/DEBRIS FLOW? cartoon type rock, med. to large to small generally subrounded with occasional subangular clasts- fragments supported by very little fine grained volcanic derived? matrix, strongly bleached, clasts include syenite, abundant grey quartz, fine grained volcanic tuffs, possible lapilli, crystal tuff? much of the fine volcanics has pale green colour, trace disseminated pyrite; upper contact sharp against bleached unit above, syenite is pink to grey with feldspar-hornblende; 1% bright green barium mica; rock stains yellow with dilute HCl;	28.60	30.20	1.60	2.8	6	181	290		
30.2	33.2	TUFF/LAPILLI TUFF WITH BARITE fine grained generally med. grey matrix supporting	30.20	31.70	1.50	5.4	24	526	284		

From (m)	To (m)	Description	From (m)	To (m)	Length	Analyses (ppm)			
						Ag	Cu	Pb	Zn
		elongate dark grey to green lapilli: laminated-bedded @85 tca; strongly bleached; 5% fine grained pyrite in fine diss. as replacement of lapilli as replacement of matrix; 3% barite as replacement of lapilli, barite content generally increasing downhole							
		31 7-32 2 BARITE	31.70	32.20	0.50	5.0	20	147	317
		semi massive grey barite with 5% fine grained pyrite streaks.							
32 2	34.7	STRONGLY PYRITIZED DEBRIS FLOW	32.20	33.20	1.00	3.5	19	307	896
		thin laminated unit with very distorted contorted bedding contacts, fine to med grained grey to dark green-grey laminations; 25% fine grained finely dissem- inated pyrite as replacement of matrix; trace-0.5% finely disseminated galena; rock is quite dense so there is likely barite involved also;	33.20	34.70	1.50	7.8	36	3190	12200
34 7	35.6	ASH TUFF	34.70	35.60	0.90	9.6	81	3490	10000
		very fine grained thin laminated volcanic; weak lapilli textures; 5% small white phenos looking clay altered; moderately saccitic;							
35 6	67 8	BARITE AND LOTS OF IT	35.60	36.30	0.70	21.0	90	2760	10000
		medium grey to dirty white thin laminated massive to	36.30	37.80	1.50	29.7	117	7340	7020
		semi massive barite, boxes-core tubes very heavy;	37.80	38.30	0.50	22.7	34	2530	1900
		laminations variably developed at 80-90° tca with pyrite, argillite? insoluble residue? 2-5% fine grained pyrite in disseminations-coarse patches, local flood- laminations; interval has 3-5% fine black speckling possibly organics or Charlie Greig's grey sphalerite; 1-2% bright green barium mica; interval generally well fractured with rusty weathering on fracture surface; weakly developed low angle fractures with thin bleaching haloes along margins, weakly developed small to medium vugs,	38.30	41.20	2.90	8.4	32	1380	1520
		41 2-42 2 FAULT, RUBBLE ZONE	41.20	42.20	1.00	7.5	21	3710	289
		barite fragments mixed with yellow crush and mud.							

From (m)	To (m)	Description	From (m)	To (m)	Length	Analyses (ppm)				
						Ag	Cu	Pb	Zn	
58.0	58.8	FAULT/RUBBLE ZONE	58.00	58.80	0.80	10.2	143	1244	5610	
		gouge, grey clay								
58.8	67.8	BARITE/BARITE REPLACEMENT/	58.80	60.70	1.90	12.6	37	1738	9900	
		SHALERITE/GALENA	60.70	62.50	1.80	8.1	74	1046	3600	
		looks like barite replacement of volcanic unit; rock								
		textures suggest probable thin laminated tuff, 40%								
		massive to semi massive barite, 10-15% fine grained								
		pyrite flood galena and sphalerite occur together in								
		lamination-patches sphalerite is pale yellow and								
		somewhat difficult to identify due to very fine grained								
		nature and colloform-replacement type habit, however								
		gives distinct "rotten egg" (H2S) smell on addition of								
		dilute HCl; est 2-3% each from 58.8-62.5 laminations-								
		bedding angles pretty good at 70-80° tca								
		62.5-62.8 QUARTZ	62.50	62.80	0.30	5.0	36	415	860	
		quartz flood, possibly over barite, with	62.80	64.40	1.60	7.6	105	828	3200	
		0.5% blotchy disseminated galena;	64.40	66.00	1.60	5.5	48	389	1390	
		66.0-67.8 EXHALATIVE	66.00	67.80	1.80	6.9	50	887	4020	
		thin laminated wavy distorted unit, well developed fine								
		grained selective along laminations, pale yellow								
		alteration, possibly sphalerite but gives only faint								
		H2S smell on reaction with dilute HCl; est. 25% over								
		section; I'll ask Burke;								
		67.8-68.4 SHALERITE/EXHALATIVE	67.80	68.40	0.60	12.7	75	2240	27900	
		wavy barite with laminations 0° tca, 5-6% pale yellow								
		sphalerite in colloform disseminations with galena and								
		heavy pyrite disseminations								
68.4	72.2	GREY MUD	68.40	70.40	2.00	7.1	48	760	3090	
		well consolidated heavy (baritic?) grey fine grained mud,	70.40	72.20	1.80	7.8	56	860	3020	
		heavy pyrite dissemination in planes;								
72.2	73.5	BARITE	72.20	73.50	1.30	6.3	88	525	1467	
		massive, grey, dense; 15% fine grained finely								
		disseminated pyrite, from 72.9-73.5 is Rubble Zone/								
		Fault Zone with grey mud and crush,								

From (m)	To (m)	Description	From (m)	To (m)	Length	Ag	Cu	Pb	Zn
73.5	77.4	BARITE/PYRITE/EXHALATIVE	73.50	74.50	1.00	8.3	69	949	3760
		semi massive barite with 30% fine grained pyrite flood;	74.50	75.90	1.40	12.3	82	1488	4770
		pale yellow mineral possibly sphalerite? ~10% in	75.90	77.40	1.50	10.4	53	1232	5910
		places barite and pyrite have crenulated wavy habit							
		with laminations parallel to,							
77.4	78.6	BARITE	77.40	78.60	1.20	1.9	23	118	450
		semi massive to massive barite with 30cm strongly							
		silicified int. in middle.							
78.6	83.1	WAVEY UNIT/EXHALATIVE	78.60	79.80	1.20	7.3	82	1054	4400
		thin laminated barite and pyrite with distinct wavy	79.80	81.60	1.80	8.8	64	1543	3180
		crenulated pattern; pervasive lamination selective	81.60	83.10	1.50	3.6	71	1073	2390
		pale yellow mineral alteration? primary? possibly							
		epidote							
83.1	86.9		83.10	83.50	0.40	5.4	43	87	120
		fine grained to sandy thick bedded tan-grey unit looks	83.50	84.00	0.50	14.1	138	751	171
		more clastic than volcanic from 83.5-84.0 is white	84.00	85.00	1.00	6.1	60	195	722
		vuggy quartz with trace disseminated galena; unit is	85.00	86.90	1.90	8.3	77	916	2150
		finely crushed but competent over 20% of interval;							
86.9	90.2	TUFF? VOLCANICLASTIC? ALTERED SYENITE?	86.90	88.50	1.60	3.1	38	248	2210
		TRACHYTE?	88.50	90.20	1.70	4.6	41	404	1430
		strongly altered difficult to discern original rock type;							
		fine to medium grained, generally equigranular rock;							
		15% fine pyrite dissemination; well developed selective-							
		pervasive yellow "trachyte" type alteration;							
90.2	90.5		90.20	90.50	0.30	5.0	61	354	143
		fine grained grey and white thin laminated-foliated unit;							
		moderate pyrite flood;							
90.5	91.3	SWELLING CLAY	90.50	91.30	0.80	5.9	62	590	1690
		grey well consolidated clay, "swelled up in core box							
		increase in volume non bueno;							
91.30	92.10	TUFF?EXHALATIVE/SPHALERITE	91.30	92.10	0.80	11.9	99	1830	6020
		dark grey strongly pyritic fine grained rock with vague							
		laminae-volcaniclastic-tuff type textures part of							
		interval has the wavy texture with very fine grained							

From (m)	To (m)	Description	From (m)	To (m)	Length	Analyses (ppm)				
						Ag	Cu	Pb	Zn	
		pyrite laminae, barite laminize and fine grained silver-brown mineral, submetallic lustre probably sphalerite, gives rotten egg smell with addition of dilute H2S								
		laminations low angle tca;								
92.1	93.3	MIXED UNIT/EXHALTIVE	92.10	93.30	1.20	6.6	68	648	2780	
		well silicified-quartz flooded interval: nice fine grained pyrite, wavy exhalative laminations;								
93.3	96.2	TUFF?/EXHALTIVE	93.30	94.80	1.50	3.1	57	243	776	
		strong pyrite flood has masked much of original rock textures; thin laminated tuff? 40-50% fine grained pyrite flood, laminations generally low angle tca; local barite-pyrite wavy textures;	94.80	96.20	1.40	2.1	73	106	251	
96.2	96.5	CLAY								
		swelling grey clay;								
96.5	107.0	TUFF?/EXHALTIVE	96.20	96.50	0.30	2.1	92	79	313	
		original textures better preserved; bedding-lamination	96.50	97.80	1.30	2.0	294	53	339	
		50-60"tca; thin laminated lapilli tuff, very fine grained	97.80	99.30	1.50	1.8	187	39	160	
		matrix strong pyrite replacement of selective beds	99.30	100.80	1.50	2.2	105	49	181	
		laminae-lapillae; local well developed wavy textures;	100.80	102.30	1.50	1.7	58	53	484	
		bedding very erratic in places; good pyritization to and of hole;	102.30	103.90	1.60	1.4	49	54	518	
			103.90	104.90	1.00	1.7	47	98	82	
			104.90	106.00	1.10	2.3	63	248	41	
		104.4-104.6 swelling clay	106.00	107.00	1.00	2.7	70	271	35	
		END OF HOLE 107m/351'								
		hole stopped due to rods sticking in swelling clay zones encountered over last 50';								