


Hole_ID	C135	Project	
Hole_Type	DB	Tenement_No.	
Year	2004	Prospect	
Geologist	A.M.N.	Date	17/7/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
5									
10	SZGL	P-Bn							
15									
20									
25									

Glacial deposits - rounded boulders to 0.3m dia.
of feldspar-rich green volcanic rock - pinkish brown
Qtz Sandstone and Conglomerate and Vein quartz in a light
brown sand matrix. Clasts of greyish siltystone increase
in abundance in lowest 1-2m of unit.
50-60% Conc loss overall due to this unit

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
	S2GL		See above. 13-2					 Contact rising.
30								Ox(1)
								20-4
35					20-5 to 15% to Lm.			
	S5S1	br-sin	Well bedded siltstone (weakly micaceous). - Bedding weakly kink-folded. Minor, thin (4cm) green sandstone interbeds.					Ox(2)
40								
					48.0 to 2% to Lm.			
45		44-5				45		44-5
		Lst-bl gr-gr				Cl(1b(2) ± P ₂)		Ox(1)
50					50.0 to 10% to Lm.			

Hole_IDCP353

Hole_TypeDD

Year2024

GeologistAMN

Project

Tenement No.

Prospect

Date15/3/24

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
55						55-0 So = 5" to 6cm	clcb(2) ± Ps		Ox (1)	
60							58-0		58-0	
65	SSSI	Lst-dk gr-gr	Well bedded siltstone with minor fine sandstone interbeds				clb(2)			
70					66-0 Ps (1-) Ds on bedding planes.	65-2 So = 10" to 6cm	66-2			
75						73-4 So = 5" to 6cm	clb(3)			

Hole_ID	CP353	Project	
Hole_Type	DD	Tenement No.	
Year	2004	Prospect	
Geologist	Arwen	Date	11/7/04


Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
80									
85						CL (1)			
					82.5 to 85' to Lm				
						85.7			
90	SSSI	Lgt-dk gr-gy	Well bedded siltstone/mudstone with minor fine sandstone interbeds. bed are weakly kink folded and offset on a c. on scale by thin discontinuous fault.		to B dis on bedding planes.	87.6 to 90' to Lm			
						CL (2)			
					93.6 to 95' to Lm				
95									
100						96.6 to 100' to Lm			

Hole_ID	CP 553	Project	
Hole_Type	DD	Tenement No.	
Year	2004	Prospect	
Geologist	Amey	Date	13/3/04

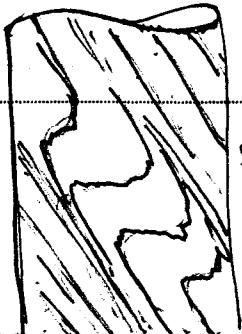
Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
105											
110	SSG	Lgt-dk grey	Well bedded siltstone as previous, but with more common thin fg. sandstone beds.		Pg (fr) diss on bedding planes	107.5 S ₀ = 20° to L ₀					
115						114.5 S ₀ = 10° to L ₀	Ch (22)				
120							119.0				
						120.6 S ₀ = 15° to L ₀	Ch (1)				
125						125 S ₀ = 15° to L ₀					

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	M.S.	Date	13/8/2004

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
130	SSS1	med. gr-gr	Moderate greenish grey, well bedded slst with interbedded fgr sdsl beds. Slst:sdsl ~ 90:10. Disrupted 126 - 127 m.			126.0m. So: 25° to l.ca. Minor qtz.CO ₂ veining.			
135			Sdsl beds typically dark grey, < 1 cm thick.			Minor spaced change, disrupting So. S ₁ : 60° to So.			
140			Becoming more fgr sdsl downhole.			135.0m. So: 20° to l.ca.	136.6: cb-qtz veins.		
145			Bedding disrupted by cb-qtz-py vein 140.6 - 141.6m.		py: 2% in cb-qtz vein.	140.2 - 141.6m. Irregular cb-qtz-py vein.			
150						145.0. So: < 10° to l.ca.			

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	SSSI.	med. gr.-gy.	Moderate greenish grey, well bedded slst with minor interbedded f.g. slst. slst:sdst ~ 90:10. sdst beds med-dark grey, <1cm.			S ₀ : 151.0m. sub // to l.c.a.	cb-grt. (1)		
155			Bedding disrupted by weak, spaced cleavage. Minor cb-grt veins with trace py.			S ₀ : 158.0m. 45° to l.c.a.	cb (1)		
160									
						S ₀ : 164.0m. 10° to l.c.a.	cb-grt (2)		
165									
			Bedding generally planar however some sandy beds with irregular scarp structures. eg: 171.1m.	tr py assoc. with cb-grt veining.			cb (1)		
170				tr py.	S ₀ : 171.0m. 12° to l.c.a.		cb-grt (2)		
175				Rare tr. py.					

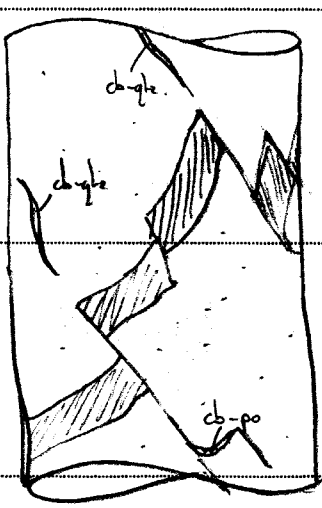
Hole_ID	CP 353	Project	
Hole_Type		Tenement No.	
Year	2004	Prospect	
Geologist	M.S	Date	13/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	SSSI	med. gr-gr	Moderate green-grey, interbedded slst d f.g. sdst. Slst: sdst ~ 80:20. Bedding generally planar to weakly undulose. Minor disruption due to spaced cleavage & cb-qtz veining. Sdst beds generally < 1cm, becoming coarser (i.e. med-cg) downhole. eg: 189.5m.		po: 2% in cb veining to 170.0m. to P1.	cb: qtz = po (2)			
180									
					So: 180.0m. 15° to 1.c.m. Cb-qtz vein: 15° to 1.c.m.	cb (1).			
185									
					tr py assoc. with cb-qtz veins. So: 187.5m.	cb (1)			
190									
			Bedding generally planar. Minor zones of slumped (?) bedding. eg: 195.0m.						
195					Minor po (1%) as blebs in cb veins from 115.0m. to P1.	So: 190.0m. 28° to 1.c.m. cb qtz (1)			
200									

Hole ID	CP 353	Project	
Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	M.S.	Date	13/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
205	SSSI	med. gr. gy	Med greenish grey, interbedded slt d f-med gr sdsl. slt: sdsl ~ 80:20. Similar to above.	tr. pol/py assoc with cb-qtz veins.	So: 205.0m. 23° to l.c.a.	cb-qtz (i)			
210		dk gy F med. gr. gy	207.1m: Interbedded dk grey d med greenish grey slt to fgr sdsl. Generally 50:50 b/w dk grey d greenish grey bands. Bands vary from 10mm - 100mm, generally 10-20mm. Typically planar to weakly undulose.						
215	SSSI				So: 212.0m. 15° to l.c.a.	211.0 - 211.5m. 1-2cm qtz-dc veins, typically ⊥ to l.c.a.			
220					So: 217.2m. 20° to l.c.a.	qtz-dc (i)			
225			Bedding disrupted by chl-sericite vein @ 15° to So. Later stage cb-qtz veins x-cutting. Chl-sericite vein contains angular host rock fragments.	Rare br. py.	chl vein: 10° to l.c.a.	qtz-dc vein @ 223.4m. Irregular chl-sericite vein x-cut by cb-qtz veins.			

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	M.S	Date	13/9/04

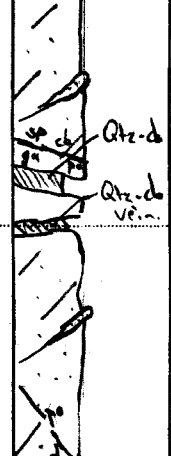
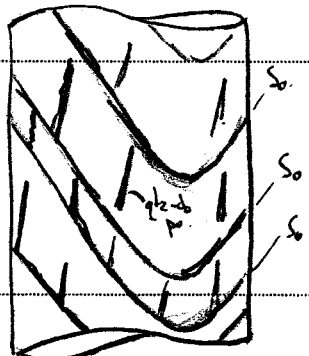
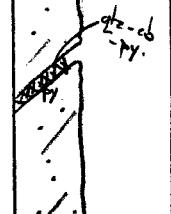
Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
230	SSSI	dk gy - ggy	Well banded, dark grey & greenish grey silt & f.g silt. Similar to above.			228.0m. S ₀ : 32° to l.c.a.	cb-qtz (1)	
235			Bedding intermittently disrupted by spaced cleavage. eg: 245m.			233.5m. S ₀ : 30° to l.c.a.	cb-qtz (1)	
240							cb-qtz (1)	
245					trace po in cb-qtz veins.	240.3m. S ₀ : 15° to l.c.a.	cb-qtz (1)	
250							cb-qtz (1)	

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	16/8/2004

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
255	SSSI	l-gr-gr -dk gy	Light greenish grey siltstone with interbedded dark grey slt/mst. Also interbedded, thin (<1cm) f-mud gr sdst. Bedding generally planar to weakly undulose Slst: sdst generally 85:15. locally 60:40 (eg: 257-258m).		1% py+po assoc. with qtz-cb veins. py & po typically as blebbly inclusions. Trace sph/go in qtz-cb vein @ 254.6m	254.0m So: 26° to 1.c.a.	Qtz-d (chl) veining with minor (1%) blebbly po/py. (1) Veining typically irregular & discontinuous Larger veins (up to 5cm) @ 254.7, 255.0m, 260.6m.		
260			Weakly disrupted bedding due to ⊥ qtz-cb-po stringers. eg: 262.7m.		3% py+po as blebs & small stringers assoc. with qtz-cb.	260.0m So: 30° to 1.c.a.	qtz-cb (1)		
265					2% py+po a.a.	265.0m So: 26° to 1.c.a.	qtz-cb (2)		
270					2% py+po a.a.	Vein: 24° to 1.c.a.	qtz-cb (2) Larger (4cm) Qtz-cb-py vein @ 272.2m, 10% py.		
275			Bedding disrupted by larger irregular qtz-cb veins from 268.5m.		10% py in qtz-cb vein @ 272.2m.				

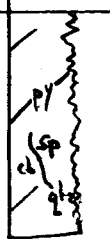





Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	M. SKIRKA	Date	16/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
280	SSSI	gr-gy	Similar to above.		Py: 1% assoc. with Qtz-cb veins.	277.0m. So: 36° to 1.c.a.	Qtz-cb (2)		
285					a.a.	282.3m So: 30° to 1.c.a.	Qtz-cb (1)		
290	CPMF	gr-gy	287.0m: gr-gy ser-chl, Qtz-tsp, crystal-rich mudstone. Weak anastomosing foliation.	ser (1) chl (1)	tr. Py.	285.5m Qtz-cb vein 83° to 1.c.a.	Large (5-10cm) Qtz-cb veins @ 285.5m, 287.3, 289.0m.		
295	SSSI		290.6m: l. greenish grey to dk grey slt.		3-5% py+po as veinlets & assoc. with Qtz-cb veins.		Qtz-cb-py (2)		
300					2-3% py+po as diss d assoc with Qtz-cb veins.	295.5m So: 35° to 1.c.a.	Qtz-py-cb (1)		

Hole ID CP 353	Project
Hole Type DSH	Tenement No.
Year 2004	Prospect
Geologist Mick SKRWA	Date 16/8/04.

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
	SSSI	gr-gy dk gy	Well bedding l greenish grey to dk grey slst with minor interbedded slst. Gradational lower boundary.	chl (1)	py 1% in qtz-cb veins.		qtz-cb-py (1)			
305		gy	303.5m. Med gy to med gr gy, massive to well bedded, l-med gr sdst d slst. Broadly graded cycles 7-8m.			304.0: So: 39° to l.c.a				
	SSSA		slst beds well laminated, grading to massive med gr qtz-lithic slst.	chl (1) assoc with veining	py 1% sph: trace in qtz veins.		qtz-py (1) qtz-cb (1) trace sph in qtz-py			
310			Irregular qtz-chl-py d qtz-cb veins. Trace sph 309.5m. d sph/po blebs in qtz-cb-vein @ 314.4m.							
315					Trace sph/po blebs in qtz-cb vein	313.5m. So: 44° to l.c.a	Qtz-cb-sp-po vein @ 313.4m.			
320			Large (5cm) mst intraclast (?) @ 319.9m	Bleached selvedge around mst intraclast	Trace sp on bleached contact					
	SSSI	gr gy to dk gy	320.1 Irregular, disrupted greenish grey slst d l-gr sdst. Sharp (faulted?) nonconformable contact	chl (1)			qtz-cb-chl (1)	Fault contact 30° to l.c.a.		
325										

Hole ID CP 353	Project
Hole Type DDH	Tenement No.
Year 2004	Prospect
Geologist Mick SKIRKA	Date 17/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
330	SSSI	dk gr to gr gr	Dark grey to greenish grey laminated sdst with interbedded f-med gr sdst.		Minor (<1%) sph pssn with qtz-cb veining. 2% pyrite as laminae, clasts & blots.	qtz-cb (2) qtz-cb-sph (1)			HQ.
335	SSSA	gr gr	330.4m. Greenish grey f-med gr qtz-lithic sdst. Gradational upper contact. Moderately bedded becoming more massive downhole. 5cm polymict M.F. at base with deformed met 'clast'(?)	chl (1)	331.0m. So: 26° to 1.c.a.	qtz (1) qtz-cb (1)			NQ.
340	SSSI	nd gr to gr gr	335.2m: Laminated sdst with interbedded f-med gr sdst. Sdst beds typically <1cm. Minor pyritic laminae		335.5m. So: 24° to 1.c.a.	qtz-cb (1)			
345					342.0m. So: 15° to 1.c.a.	qtz-cb (1)			
	SSSA	gr gr	346.5m. Greenish grey f-med gr qtz-lithic sdst. Generally massive. Shale lower contact.			qtz-cb (1) 5cm qtz-cb vein @ 344.5m.			
350	SSSI		348.6m. Siltstone with interbedded sdst.		349.0m. So: 25° to 1.c.a.				

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Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRMA	Date	17/8/2004

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
355	SSSI	87	Well bedded, med gr slst with interbedded. f-med gr sdsl. Sdsl beds < 1cm. slst: sdsl ~ 85:15.		tr py.	350.6 So: 18° to 1.c.a.	qlz-cl (1)		
360			From 355-357.5m, strong cb veining, typically // to So. Sandy beds becoming thicker (~2cm). slst: sdsl ~ 60:40.	cb (1)		358.0m. So: 30° to 1.c.a.	cb-qlz (2) large cb vein @ 375.2-367.4m // to So.		
365	CFMF	9° 87	359.6 Sharp upper contact. Greenish grey, poorly sorted, polymict. mass flow. Clasts (to 5cm) of felsic volcanics, veined, matrix & qlz-lsp. Clast angular with preferred orientation. defining moderate foliation.		rare tr py.	361.2m. So: 30° to 1.c.a.		Small gougy Fault @ 362.2m. oriented // to So.	
370			Clast: matrix decreasing downhole. From 362.2m, more banded appearance. Clasts with boudinaged habit & interbedded mst. Muddy to 365.7m. From 365.7m, felsic matrix supported mass flow.	ser (1)			cb-py & qlz-arsenopile veining @ 362.4m. qlz-cl (1)		
375				ser (1)		371.6m. So: 32° to 1.c.a.	rare qlz-cl veining.		

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	19/8/04

Depth	Lithology		Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log	
	Code	Colour								
	CPMF	l. gy.	light grey to yellowish grey, poorly sorted, polymict foliated mass flow. Angular clasts of mudstone, vein gtz & lithic fragments. Subrounded gtz & fsp fragments.	ser (ε)	tr py.	Main foliation (So?): 33° to l.c.	gtz-cb (1)			
380	CFMF	g. gy	Matrix suggested. Matrix comprised sericitic yellowish grey mud.							
			From ~378m, moderately sorted. Greenish grey. Clasts predominantly subrounded with pressure shadows. Clast mainly felsic volcanics & gtz-fsp. Weakly foliated.		tr py.	384.0m. So: 35° to l.c.	gtz-cb (1)			
385										
			Sporadic So // gtz veining. ie: 386.6m.				gtz (1)	Gaugy Fault @ 385.2m. : 25° to l.c.		Fault
390										
			clasts predominantly felsic volcanics, typically elongated & subrounded.		tr py.	390.0m. Main foliation (So?): 31° to l.c.	gtz (1)			
395										
						395.0m. So (R): 32° to l.c.	gtz (1).			
400										

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Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	Mick SKIRRA	Date	19/8/04

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
	CFMF	g-gy	Greenish grey, felsic mass flow. Moderately sorted. Rounded to sub-rounded clasts of qtz, fsp & felsic volcanics. Sporadic mudstone clasts (argillite). Moderately chloritised & minor sericite alteration 404 - 409m.	chl (1)			qtz (1)			
405				chl (2) ser (1)						
			Weak foliation becoming more massive downhole.	chl (1) ser (1)			qtz (1)			
410			Minor qtz & qtz-cb veining.							
							qtz (1) qtz-cb (1)			
415										
							qtz-cb (1)			
420										
							qtz-cb (2) Larger qtz veins @ 414.5, 420.6, 421.5, 421.7m			
425										

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole ID	CP 353	Project	
Hole Type	SDH	Tenement No.	
Year	2004	Prospect	
Geologist	Mick Skiera	Date	19/8/04

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
430	CFMF	g-gr	Greenish grey, felsic mass flow. As above. Rounded clasts of gtz & fsp with minor felsic volcanic & met clasts. Massive appearance with some gtz-db veins.				gtz-db (2)				
435	SXMU	d. gy.	430-5m: Olivine grey laminated mudstone. Disrupted. Minor sdst interbeds.			436.0m S ₀ : 15° to l.c.a.			Broken @ 430.6m		
440			438.2m: Sharp lower contact @ 80° to l.c.a.								
445	SSSA	gy.	440.1m. Laminated/banded, med-dark grey f.gr. sdst. Sporadic thin (c1cm) yellowish grey, med gr sdst interbeds.		py: 1%.	443.0m. S ₀ : 26° to l.c.a.	gtz-cb (1)				
450			Bedding disrupted from 444m by spaced cleavage.		py + po 1% assoc. with gtz-cb veining. py. also in sdst beds.		gtz-cb (1) + py & po				

Hole ID	CP 353	Project	
Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	21/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	SSSA	dk gy.	Dark grey, moderately bedded, f. gr sdsl. Sporadic, yellowish grey f. med gr sdsl in beds.			450.5m. S ₀ : 13° to l.c.a	qtz-cb (1)		
455									
			Common qtz-cb veins. Veining typically discontinuous with varying orientations. Broadly ⊥ to S ₀ .			456.5m. S ₀ : 8° to l.c.a	qtz-cb (1)		
460									
						460.0m. S ₀ : 15° to l.c.a	qtz-cb (1).		
465									
						467.0m. S ₀ : 11° to l.c.a	4cm qtz-cb vein @ 466.6m		
470	med-dk gy.		Coarsening downhole to f. med gr sdsl. Weakly moderately bedded med-dk grey.						
			Bedding sporadically disrupted/altered by spaced cleavage. eg: 472.8m.			473.0m. S ₀ : 30° to l.c.a	cb-qtz (1)		
475									

Hole ID	CP 353	Project	
Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MVK SKRKA	Date	21/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
480	SSSA	gy.	med grey, f-med gr. massive sdsl. qtz-lithic grains. Weak, diffuse, bleached alteration (ser.?)	ser (1)		qlz-cb (1)			
485			Sporadic zones of weak bedding. eg: 480-4m. Qtz-cb veining typically discontinuous. At 482-483m: Qtz-cb veins planar @ 20°-25° to l.c.a.			qlz-cb (2)			
490			Distinct gneiss 'jigsaw' vein @ 488.3m. Coarsening downwards. Sharp lower contact.						
490	SSSA	dk. gy.	484.0. Dk grey, laminated f-gr sdsl. minor yellowish grey f-med gr sdsl interbeds.			484.0. So contact. @ 45° to l.c.a.	qtz d gneiss veins ⊥ to S ₀		↑ Fracture
495				Trace po w blebs along S ₀ of within qtz-cb veins. eg: 493.0m.					
	SESA	sr gy.	445.5m Greenish grey, massive, qtz-lithic sdsl. Tuffaceous appearance @ 446.4m. Angular red cherts at base of irregular lower contact.				Breccia Vein @ 445-445.5m qtz-lsp-sdsl.		
500	SESA	gy sr gy	440.4m. Mixed. laminated f-med gr sdsl & med c gr qtz-lithic sdsl.			446.5m: S: 45° to l.c.a.			

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	Mick SKIRAKA	Date	21/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
	SESA		As above. Mixed l.gr sdt d med c gr, greenish grey gls-kittic sdt.			glc-cl (1)		
					pyritic on contact.			
505	VF/	l. gy	503-4m. Mixed greenish grey, c gr gls - feldspar matrix supported, volcanoclastic sdt with intervals of probable coherent rhyolitic volcanic.		py + PY			
	CFSA	gr gy	Rhyolitic intervals typically with moderate - strong gls-cl veining.	ser (1). chl (1).		glc-cl (2) in rhyolitic intervals		
510			Very weak foliation.					
			CFSA > VF					
				ser (1) chl (1)				
515								
				ser (1) chl (1)				
520								
				chl (1)	py 2% py 1%	Qtz-po-py vein @ 523.0m. @ 42° to 1.c.n.		
525								

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	21/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
	CFSA	gr gy.	Greenish grey, c-grained, matrix supported gte-lsp volcanoclastic sandstone. Generally massive. Very weak foliation.							
530						gte-cb (1)				
				chl (1)	py assoc with gte and blebbly py from 532m.					
				chl (2)		gte (1b). irregular				
535	CFMF	gr gy. l. gy.	533.9m. From 532.4m, foliated felsic schist with pl, arsenopyrite, ga, sph. From 536m, felsic, angular, altered mass flow.	chl (2)	ars: 5% py: 3% sph/ga: tr.	Foliation: 30° to l.c.a.				
			Angular to rounded clasts (to 7cm) of felsic volcanics, gte & lsp. Greenish grey to light grey. Moderate foliation with some clasts banded.							
540										
545	CFMF	dk gy.	544.6m. Dark grey, polymict, matrix supported mass flow. Angular clasts of gte, felsic volcanics & schist.	chl (1)	py: 3% ars: 3% sph/ga: tr.					
						gte (1)				
	CFMF	gr gy. l. gy.	547.3m: Greenish grey, matrix supported felsic mass flow.							
550						gte (1)				



Hole ID	CP 353	Project	
Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	21/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour							
	CFMF	g'gy	Greenish grey, weakly foliated, felsic mass flow. Elongated angular clasts of chloritic slt + abundant qtz-lsp crystals / fragments.	chl (i)	qtz-ch veins dip: 34° to l.c.a.	qtz-ch (i).			
555						qtz (i).			
	CFCT	lgy	555-5m: Banded / laminated, tuffaceous rock.		S ₀ : 56° to l.c.a.				
	CFMF	g'gy	556-3m: Greenish grey felsic mass flow.	chl (i)					
	CFCT	lgy	557-2m: light grey banded tuffaceous rock.		S ₀ : 42° to l.c.a.	qtz (i)			
560	CFMF	g'gy	557-9m: Greenish grey, matrix supported x-shal rich sdst / mass flow.						
			Sub rounded to sub angular clasts of qtz, lsp felsic volcanics & ash. Grains / clasts typically 1-2 mm. Little clasts up to 5mm.	{Sil-qtz (i) ab (i) 560.5-561.5}	Minor ars, py, sph, g in altered zone 560.5-561.5m	qtz (i).			
565			Generally massive.						
			From 565m, typically 1-3 b.p.m			qtz (i)			
570									
						qtz (i)			
575									

Hole ID	CP 353	Project	
Hole Type	DBH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRRA	Date	22/8/04

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
	CFMF	grgy.	As above.				qtz (i)				
	VF	l. gr	577.1m: light grey, coherent qtz-top rhyolite. diffuse upper & lower contacts	chl (i).	py blake assoc. with qtz-chl		qtz-top (i) qtz-chl-py (i)				
580	CFSA	grgy	578.6m: Greenish grey, matrix supported, c. gr. x-stal rich, sdst.								
			Similar to CFMF above however, only rare lithic / mst fragments. Grains of 1-2mm qtz & top.	chl (i) ser (i)			qtz (i) Veining generally irregular.				
585			Moderate ser-chl alteration from 584m - 589m								
				ser (i) dl (i)	Sporadic tr. py assoc. with qtz veining		qtz (i)				
590											
							qtz-chl (i) qtz-top (i)				
595											
600					tr. cpy @ 599m.						

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRWA	Date	22 / 0 / 04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
	CFSA	grgy	As above.		py 10% diss.			
605								
				Ser (1)				
610			Coarsening downward with sporadic subangular clasts of felsic volcanics eg: 612.0 - .					
	MF.	l-grgy	613.0m: Light greenish grey, silicified felsic rock.	Sil (3)	tr py.			
615			Rare relic primary textures suggest similar lithology to above/below with intense silicification.			qtz (1).		
620								
	CFMF	grgy	622.5 Greenish grey, poorly sorted, matrix supported, felsic mass blw. Clasts predominantly qtz & lss. frag. mels + * not d. vein qtz.			qtz (1)		
625								

Hole ID	CP 353	Project	
Hole Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRRA	Date	22/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	CFMF	gr gy.	Greenish gray, poorly sorted, matrix supported, felsic mass flow. Subrounded clasts of fsp, qtz, felsics, silt. Generally 1-4mm.		+ disc py				
630									
			Massive - Disseminated pyrite 1-2%.		py 1% diss				
635			Sporadic siliceous zones (veins?) i.e. 639.0m.			634.5m: Qtz vein 60° to 1.c.m.	4cm qtz-dl vein @ 634.5m		
			Weak foliation 638-639m.		py 2% diss.				
640						Foliation. (s?) 638.9m: 34° to 1.c.m.			
645			Sporadic mudstone bands.						
650									

Hole_ID	C7353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRVA	Date	22/8/04

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
655	CPSA	gr gy.	Greenish grey, poorly sorted, c. gr. qtz-hsp, x-stal rich sdst. Similar to above. Massive appearance.				qtz (1). qtz-cl (1)			
660			Sporadic disrupted mudstone bands. ie:				qtz-cl (1)			
665							qtz-cl (1)			
				sil (1)						
670	SSS1	dk gy	667.5: Dark grey disrupted, siltstone with interbedded red gr volcaniclastic sdst. Sericitic 569.8-570.6m. Moderate qtz-cl veining Moderate crenulation cleavage	Ser (1)	1% py as blebs & diss.	Sr: 50° to 1.c.m	qtz-cl (2)			
675	CPSA	Y gy gr gy	671.6m: Yellowish grey to greenish grey altered c. gr qtz-hsp x-stal rich sdst. Pervasive silicification to 673.1m	sil (3) ↓ sil (1). <hr/> Ser (1)			qtz (1)			

Hole_ID	CP353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	23/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
	CFSA ↓ CPMF	YGY GGY	Yellowish grey to greenish grey, matrix supported, +-stal rich qtz-lsp volcaniclastic silt. Rare VF clasts. towards base. Moderate sericitic alteration.	ser (1)		qtz-cb (2)		
680	CSS1	GGY	178.2m: Silicified, banded volcaniclastic silt. Cherty / tubular appearance. Disrupted bands (2cm thick)	sil (2). ser (1)		qtz-cb (1)		
685	CPMF	GGY	680.1m: Greenish grey, very poorly sorted, polymict, +stal rich volcaniclastic mass flow. Clasts (to 6cm) of silt, qtz, felsics comprised qtz-lsp. Disrupted silt bed @ 684.5m	Sil (1).		large, coarse cb veins @ 686.3, 690.5m etc.		
690			Generally massive Weakly sericitic.	ser (1)	Rare hr py.	qtz-cb (1)		
695						qtz-cb (1)		
700						qtz-cb (1)		

Depth	Lithology		Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults		Graphic Log
	Code	Colour								
	MCSL	wh. Ygy.	700.0m : Yellowish grey to white foliated calcareous schist. Rare relict textures suggests initially CFSA or CMF.	cb(3) ser(2)		S ₁ : 20° to l.c.a.	qtz-cb(2)			
705			From 704.4, common qtz 'clasts'. Milky white, 'veined'.							
			From 705.5m, large c.gr FeOx veins.	cb(2) ser(2)			cb(3) c.gr FeOx.			
710			Broken @ 709.8m.							
			Gradational. ↓.				qtz-cb(1)			
715	MSSE	I. YGY	715.0. Similar to above. Less calcareous. Qtz-sericite schist.	ser(2) cb(1)		S ₁ : 20° to l.c.a.				
			Rare relict qtz 'clasts'.							
720			Carbonaceous slt bed @ 717.2m							
							qtz-cb(1)			
725	SOSI	BK.	723.3 BK, strongly foliated slt. weakly carbonaceous		Py 2% along S ₁ .					

Hole_ID CT 353	Project
Hole_Type DSD	Tenement_No.
Year 2004	Prospect
Geologist Mick Skirva	Date 24/8/04.

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
	MCSL	1. gy 1.3 rd gy.	725.0: Light greenish grey to yellowish grey, foliated, calcareous, qtz-sericite schist. Rare relict primary textures (qtz + stib) suggests primary lithology CFSA or CFMF.	cb (2) ser (3) qtz (2)		726.0m. S ₁ : 30° to l.c.n.	qtz-cb (1)				
730											
735											
			Generally 1-2 b.p.m.				qtz-cb (1)	736.5m. S ₀ : 11° to l.c.n.			
740						739.5m. S ₁ : 39° to l.c.n.					
745											
							qtz-cb (1)				
750						749.0m. S ₁ : sub // to l.c.n.					

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	CP353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	24/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	MSC	YGY l. grey	Light greenish grey to yellowish grey foliated, calcareous, qtz-sericite schist. Similar to above.	ser (2) cb (1) sil (2)		S ₁ sub // to l.c.a.	qtz-cb (1)		
755									
760									
			From 760m, S ₁ // to l.c.a. Minor carbonaceous laminae from 760m.			S ₁ sub // to l.c.a.			
765									
770									
	MSC	GY.	769.9m: Crenulated, mixed light & dk grey carbonaceous schist. Sharp upper contact.	ser (1) sl (1)	2% to 10% po. diss. to PY.	S ₁ sub // to l.c.a.			
	MSC		Crenulated foliation sub // to l.c.a. Less carbonaceous from 772m.	cb (1) ser (2) sil (1)		qtz-cb (1)	Small Fault contact @ 769.9m. 45° to l.c.a.		
775									

PASMINCO EXPLORATION

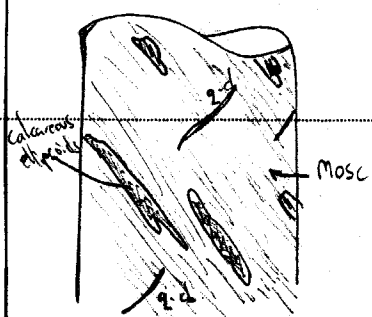
DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	CP 353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	Mick SKIRVA	Date	24/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	MCSC	l. gr gy 1.5Y	Yellowish grey to light greenish grey, foliated, calcareous, qtz-sericite schist. Foliation defined by sericitic & siliceous irregular bands.	ser (2) sil (2) cb (1)		S ₁ : 30° to l.c.a.	qtz-cb (1)		
780			Banded/laminated carbonaceous schist Intervals @ 779.0m, 780.2m 782.6 - 783.1m. Primary textures destroyed.		tr po in carbonaceous intervals.				
785	MOSC	gy	784.5m: med-dark grey, laminated carbonaceous schist. Sporadic sericitic bands.	ser (1) cb (1)	po 2% disc along foliation	S ₁ : Sub H to l.c.a.			
790	MCSC	l. gr gy	790.2: Calcareous, qtz-sericite schist.	ser (2) sil (1)					
	MOSC		791.6m: Mixed carbonaceous schist & qtz-sericite schist. Carbonaceous bands with crenulated/undulose phyllitic texture	ser (1) sil (1)		S ₁ : 5° to l.c.a.	qtz-cb (1)		
795									
800									


Hole_ID	CP353	Project	
Hole_Type	DDH	Tenement No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	24/6/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	MOSC.		As above.						
	MSCS	l. gr. gy.	801.0m. Light greenish grey to yellowish grey, foliated, calcareous, qtz-sericite schist.	ser (3) s:1 (1) cb (1)		S _i : 10° to 1.c.a.	qtz-cb (1)		
805			Rare relict textures suggest initial lithology CFSN or CFMF.						
			Carbonaceous schist intervals @ 806.5m, 807.8m, 808.8m, 810.1						
810									
	MOSC	dk gy	811.0m. Dark grey, banded, carbonaceous schist with discontinuous, sandy (s), calcareous ellipsoids. Perpendicular, discontinuous q-cb veins	cb (1)	1-2% typically diss.	S _i : 15° to 1.c.a.	qtz-cb (1)		
815									
									
820									
825	MSCS		824.6m. sec. ver.						

Hole_ID	CP 353	Project	
Hole_Type	DBH	Tenement No.	
Year	2004	Prospect	
Geologist	M. SKIRVA	Date	29/8/04

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
830	MXSC	l. gy.	824.6m: light grey, banded qtz-sericite calcareous schist. Calcareous bands typically discontinuous, coarser grained.	sl(1) cb(1) ser(2)	qtz-py veins @ 825.5m. py ~ 5%.	S ₁ : 30° to l.c.a.	S ₁ parallel qtz-py veins @ 825.5m. qtz-cb(1)			
835			Carbonaceous intervals @ 828.7-829.0, 829.2-829.3m.				qtz-cb(1)			
840	MESC	lgy dkgy.	836.5m: Mixed light grey & dark grey carbonaceous schist & qtz-sericite schist. Qtz-sericite intervals weakly calcareous.	ser(1) cb(1)	py + po.	S ₁ : 35° to l.c.a.	qtz-cb(1)			
845			Spaced cleavage ⊥ to S ₁ disrupting S ₁ (60°) eg: 843.0m. Original lithology appears to be interbedded carbonaceous siltstone & m-c gr sdst.		2% py + po 840-844m.		qtz-cb(1)			
850							qtz(1) 3cm Qtz-vein @ 849.0m			

Hole ID	CP353	Project	
Hole Type	DBH	Tenement No.	
Year	2004	Prospect	
Geologist	Mick SKERKA	Date	20/8/04

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
855	MESC	l. gy. dk gy.	Similar to above. Mixed qtz-sericite-calcareous schist & carbonaceous schist. Silicified from 854m.	cb(1) Sil(2) Ser(2)	tr py+po.	S: 35° to l.c.a.	Qtz (2)			
860	SEGW	l. gy.	855-1m: light to medium grey, coarse grained, matrix supported greywacke. Subrounded qtz & lithic grains to 2mm. Minor sericitic alteration.	ser (1)		S: 35° to l.c.a.				
865			Grain size decreasing downhole. Schistose baritic from ~ 864m.	ser (1)			qtz-cl (1)			
870	MESC	y-gy	866-3m. Yellowish grey, banded, calcareous schist. Contains qtz-ser bands typically disrupted.	cb (3)	1% po. as diss & small S. // bands. ie: 866.2m.	S: 45° to l.c.a.	qtz-cb (1)			
875			Sporadic zones with relict qtz grains ie: 870-871m.		po increasing downhole, po: 2%.					

Hole ID CP 353	Project
Hole Type DDH	Tenement No.
Year 2004	Prospect
Geologist Mick Skirka	Date 30/8/04

Depth	Lithology		Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %			
	MESC	lgy	875.0 - Light greenish grey, gte-schist Relict gte grains & angular K-feldspar clasts Minor calcareous bands & rare carbonaceous bands (to 876.4m)	ser (1) sil (1)	P 2% as blebs, fiss & minor bands	S: 30° to 1 c.a.		
880	MESC	wh lgy	876.0: Similar to above however more heterogeneous with alternating bands of calcareous schist & gte-schist & minor carbonaceous schist	rb (2) ser (1) sil (1)	Trace sph 874-880m P+P1 2%			
885				alterable variable.	P 1%	gte-rb (1)		
890	MESC	lgy sil	889.2m White, foliated calcareous schist Subtle, relict clastic texture. Minor "interbedded" gte-schist bands.	rb (3)	P 1% 1 c.a.			
895	MESC	lgy wh dk gy	893.5m Mixed interval of gte-schist schist, calcareous schist & minor carbonaceous bands. Wab crenulation texture.	ser (2) rb (1)		S: 30° to 1 c.a. Collyer P 32° to 1 c.a.	gte-rb (1) large gte veins @ 897.9m	
900	MESC	wh	898.4m White foliated calcareous schist.			S: 15° to 1 c.a.		

Drill Log.xls