HOLE NUMBER: SP07-03

PROJECT NAME:	**SPICE**	**UTM:**	Nad 83	Zone 9	**AZ:**	**195**	**DIP:**	**-50**	**DEPTH:**	**127.4m**
HOLE:	**SP07-03**									
FINAL DEPTH:	**127.4m**	**Northing:**	6876466		**DOWNHOLE SURVEY:**		INKLIN			
DATE START:	26-May-07	**Easting:**	346765		**AZIMUTH:**		**DIP:**		**DEPTH:**	
FINISH DATE:	30-May-07	**Elev.**	790m		195		-50		0m	
LOGGED BY:	J. Pautler	**Grid Co-ord:**	L500E/250N							
CORE SIZE:	NQ									
DRILLING COMPANY:	Alliance Sonic Diamond Drilling									

PURPOSE:	To test the southernmost extent of the gold in till anomaly and complete the section across the main zone, targeting chargeability-high, resistivity-high zone along L500E near where the zone comes to surface .
SUMMARY:	Intersected rhyolite quartz feldspar porphyry with jarosite and qtz bx stwk-veins from 7.0 to 14.5m . Intersection of felsic crystal lapilli tuff from 16.2 to 28.9m with quartz stringers and 35.8 to 37.6m. Pyritic and silicified sedimentary rocks +/- quartz intersected from 51.3 to 59.5m.
PROBLEMS:	Helper hurt in move, shift lost obtaining replacement. Fuel delay due to oxygen valve turned off.

SAMPLE NUMBERS:	24053-167	**115 samples**			**ASSAY CERTIFICATES:**	2007-7031
BLANKS:	24059	24084	24101	24125	24143	
STANDARDS:	24062	24083	24106	24127	24153	24166
DUPLICATES:	24080	Duplicate of 24079				
	24109	Duplicate of 24108				
	24121	Duplicate of 24120				
	24140	Duplicate of 24139				
	24167	Duplicate of 24157				

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DEPTH (metres) From	To	Graphic Log 1:500	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
0.00	7.01	OVB	OVB overburden - cobbles of 85% - m sil. qtz stringered BCU siliciclastics, 10% of underlying unit and 5% - of ser. alt'd cgl.				w lim ± m sil	1py	24053	0	7.01
7.01	14.5	Rqfp RCLP	Rhyolite QFP (Rqfp) - yellow Dyke light grey where fresh but overall yellow (jarosite on frcs) to pale greenish (sericite in groundmass 5-7% qtz eyes 2mm to 5mm 10% fsps - clay altered aphanitic matrix - light gray colour								
		fine BCU	@ 7.01 - 7.62 rubble of above with vw jarosite on frcs minor gouge ± brecciated Rqfp with Rqfp frags in siliceous matrix with minor py in matrix - appears to be qtz bx vein - dark grey colour; dark grey/black qtz fractures		frcs frcs	20° 05	± m-s sil vw jarosite vw clay	2 py	24054	7.01	7.62
			@ 7.62 - 9.15 as above, rubbly, dark gy qtz bx veins to 4cm, irregular, pyritic, jarosite on 40° frcs 5% qtz bx veinlets, strs, veins in section		flow banding frcs	45° 40	w jarosite ± m-s sil w clay	2 py	24055	7.62	9.15
		qtz	@ 9.15 - 10.65 ≏ 20% qtz-bx veins up to 15cm wide.		bx vns	55, 75, 35	w jarosite s sil w clay	1-2py tr aspy?	24056	9.15	10.65
		cgl FLT	@ 10.65 - 12.2 - green ser-chl? alt'd Rqfp matrix is altered and frcs are filled with jarosite.		frcs	15, 45-50	m ser-chl w-m jarosite		24057	10.65	12.2
		Grit cgl.	@ 12.2 - 13.7 as above but broken, crushed to w. gouge; bit less ser-chl and less jarosite on frcs		gouge	15	w ser-chl, w jar		058	12.2	13.7
									059	BLANK	
		80m	@ 13.7 - ≏ 14.5 - as above with qtz bx vnlts ≏ 50% of section but v. poor rec 0.2m core over .8m?	25			"		060	13.7	14.5 ↳?

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
		1:500 80 m									
14.5	16.2		Fine BCU siliciclastics to qfic mic ~lte, minor qtz stringers					1 py	24061	14.5	15.8
									062	STAND	
			@ 15.5?–16.15 gouge				w clay	1 py	063	15.25	16.2
16.2	26.5		Felsic XL lithic lapilli tuff [RELT] light grey-greenish colour 5% qtz eyes 10% euhedral - subhedral fsp phenos, 20-25% chloritized lithic fragments commonly few mm to 1-2 cm larger frags are elongated, stretched out; all clasts are chloritized except for XLs. fsps are clay altered.				m chl overall ± vw clay				
	fine BCU (FLT)		@ 16.2-18.0 - 50% of zone broken and ± gougey					1-2 py	064	16.2	18.0
			@ 18.0-19.8 - fine qtz strs ± m-s sil but broken up, fine graphitic frcs		frcs	05	m-s sil	2 py	065	18.0	19.8
			@ 19.8-21.35 - more competent, pyritized chloritic clasts; gouge @ bottom of interval		gouge	50	w-m sil	3 py	066	19.8	21.35
	127.4	EOH									
			@ 21.35-22.85 - less altered		foln	65	± w sil	<1/2	067	21.35	22.85
			@ 22.85-24.4 - local sil zones ± minor gougey sections, minor fine qtz strs, late carbonate stringers				± w-m sil	1 py	068	22.85	24.4
			@ 24.4-25.6 as in 067 ± w bxed zones pebbly sections - approaching fault		w foln	85	± w sil	1/2	069	24.4	25.6
			@ 25.6-26.5 - more broken, gouge sections		frcs	50	+ m clay	1 py	070	25.5	27.5
			@ 26.8-36.1 FAULT ZONE								
26.5	27.5		MIXED ZONE 20 cm as above, poor rec, followed by 26.9?-27.5 - fine siliciclastic BCU faulted - crushed ± gouge		gouge	40	w clay				

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
27.5	28.9		RCLT ± gougey broken ± minor fine strs from 27.5 - 27.7 followed by crackled to gougey sections				± w sil	1/2 py	071	27.5	28.
28.9	35.8		Fine BCu dark gray-black thin bedded siliciclastics in fault zone				m clay				
			@ 28.9 - 29.85 very broken to gougey ± bxed					1-2 py	072	28.9	29.8
			@ 29.85 - 320 thinly bedded ± more med bedded (10 cm) more qfic qtz interbeds		foln	70°		1py	073	29.85	
			@ 32.0 - 33m - crushed and bxed to 33.0m with py along foln		foln	85, 35		1. py	074	32.0	33.
			@ 33-335 - fine BCu with more py along foln and as aggregates @ interstices of bx fragments and/or rotated partially bxed layers deformed by folding as well.				m sil	7 py	075	33.0	33.
			py aggregate py								
			~ minor crushed sericitic zone @ 32.7m ~5cm long - Rqtz fragment ??								
			@ 335 - 339.5 qtz rich zone - wtz to gray deformed qtz veins/veinlets up to 4cm 15 % qfic in zone - deformed, bxed, sil. fine qfic BCu siliciclastics, wispy texture due to bxiation and along frcs. fine py along foln and frcs. esp 20° frcs qtz cut by numerous qfic frcs		foln	70°	m-s sil wser-chl	3py	076	335	339
					qtz vns	70					
					frcs	35, 05-20 ± 15					

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
			@ 33.95 - 34.5 strongly deformed bxed fine BCU, minor qtz to 0.5cm along foln, minor ank porphs.		foln	85	w-m sil, w chl-ser	1/2 py	24077	33.95	34.5
			@ 34.5 - 35.8 - gouge cnt @ 25-30°CA @ 34.5m gouge to 35.1m followed by more sil. BCU and 10cm of RCLT (xx lithic lap tuff) - py (v. fine) along foln and as aggregates to 1cm at jct of frcs,		gouge CNT foln CNT	25-30 80° 80 40°	± m-s sil ± w ser-chl	4 py	24078	34.5	35.8
35.8	37.6		RCLT ? R qfp with stretched lithic frags, deformed weak foln generally 85 but 45 in centre; qtz eyes evident (5-6%) 0.5cm and about 20% frags; green overall colour		foln	85, 45	m ser-chl.	1-2 py	24079 080	35.8	37.15 DUPLICA
			@ 37.15 - 37.6 darker colour than above - dark greenish grey with pyic ± dark qtz on frcs; fine py on frcs and altered fragments.		frcs	15-20	w-m sil, m chl, w ser	3 py	081	37.15	37.6
37.6	63.6		Fine BCU in Fault Zone med. - dark grey, graphitic thinly bedded pelitic to siliciclastic seds; FLT Bx - Gouge; deformed, folded								
			@ 37.6 - 38.1 crushed rock - gouge some fine pyic frags to 1cm - remnant foln in more siliciclastic section @ 75°CA		foln =bedding?	75			24082 083 084	37.6	38.1 STANDAR BLANK
			@ 38.1 - 38.8 silicified bxed siliciclastics, thinly bedded frags, fine - some up to 5cm; perv sil after bxation - foln/frc due to fault? @ 35°CA - angular, rotated clasts; fine py through matrix and along foln.		foln/frc	35	≤ sil w/ser	5 py	085	38.1	38.8

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	Sample No.	From	To	Length m
			@ 38.8-39.6 - finely brecciated due to fault - beds broken along foln rotated foln, gouge zone 40% gouge in zone. FLT		gouge	30	w chl - ser	<1/2 py	24086	38.8	39.6	
			@ 39.6-41.15 as above but more competent but crushed - w clay gouge zones, finely bxed as above but with 7% larger clasts (1-2cm) rotated (PICTURE) foln 15-20, 75, fine py in matrix		foln	15-20,75	w lim w chl-ser ↳ orange - ank?	1 py	087	39.6	41.15	
			@ 41.15-43.0 - 50% clay gouge dark grey; 2-3% wte qtz in section - distinct deformed wte qtz vnlets up to 0.5 cm along foln and qtz frags in bx. FLT		foln	60	w clay	<1/2 py	088	41.15	43.0	
			cnt 65 but gouge extends along at 10-15°		CNT	65						
			@ 43.0 - 43.3 - RCLT slice - gouge at both contacts with fine py along foln; bright green chl-ser alt'n ankerite porphs. FLT		fres	15	m ser-chl	1 py	089	43.0	44.2	
					LCNT	40						
			@ 43.3 - 44.2 deformed but generally not bxed BCU, local bxiation - more siliceous qtz rich zone in centre for 15cm FTT		foln	80						
			@ 44.2 - 45.7 crushed BCU to clay gouge ± py along foln, one 5cm piece of purplish tinged deformed qtz with gfic fractures. FLT		gouge	75	± vw lim on fres ↳ orange - ank?		090	44.2	45.7	
			@ 45.7 - 47.25 - some less deformed sections but generally disrupted layers ± bxiation, rotation. FLT		foln	55		1 py	091	45.7	47.25	
			@ 47.25 - 48.75 - bit more gouge, broken crushed zones; locally py along foln minor deformed qtz to 1cm along foln				w clay	1-2 py	092	47.25	48.75	

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	R E C. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
			@ 48.75 - 50.0 35% gouge - crushed rock in zone. locally more siliceous beds? - qtz ± py along foln.		foln	60	m clay	1 py	24093	48.75	50.0
			@ 50.0 - 50.6 crushed bxed ± gouge BCu with weak orange fcc fillings (ankerite?) and older qtz vnlets up to 1 cm along foln (deformed = older) ≈ 5% in zone @ 50.2 - 50.3 - qtz vnlet - str stwk + ankerite @ 60° CA - orange on fres - ankerite?		qtz	60°	m clay ± m sil w chl.		24094	50.0	50.6
			@ 50.6 - 51.3 - as above but only v. minor occ. qtz - few mm along foln ≈ 40% clay gouge - light grey - med grey gouge rest is brownish - greenish grey colour		foln	60,75	± m clay w chl		24095	50.6	51.3
51.3	56.4	pyric zone.	@ 51.3 - 51.8 - dark grey gouge - crushed rock with fine py cutting by clasts - some qtz rock clasts cut by pyritic fractures (5%) also py in matrix of fic. FLT			50	w clay	10 py	24096	51.3	51.8
			@ 51.8 - 53.35 - more competent, ± silicified. fine py along foln in fres and repl. blasts in BCu finely bedded siliciclastics., minor fine qtz stringers		foln fres qtz strs	80 30 30	± m sil	10 py	097	51.8	53.35
			@ 53.35 - 54.55 - as above but more qtz in zone, about 5% wk qtz along foln and x cutting to 1 cm ± abundant py along foln local crushed zones and bxiation		qtz vnlets foln	25° 80°	"	10 py	098	53.35	54.55
			@ 54.55 - 56.4 - strongly silicified with fine py along fres and foln - up to 1 cm wide ≈ 5% lqtz in zone along foln - bxed then cut by pyric fres and then silcified.				s. sil "	10 py "	099 24100 24101	54.55 55.05 BLANK	55.05 56.4

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	RE C. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
			@ 56.4 - 57.9 [Bx] brecciated fine BCU, large frags up to 5cm of BCU and smaller qtz frags commonly 0.5-1cm and some up to 1-2cm; py fill in fracs and along foln in clasts;		fracs Bx zone gouge	35°, 40, 05 35 05	m-s sil	10 py	24102	56.4	57.9
QTZ			@ 57.9 - 59.0 - more qtz rich section 2-3% white qtz; locally segments of qtz vein @ 05° - some qtz 2cm along foln; fine py along foln in BCU, in veins and in x cutting fracs [Bx]		qtz vns foln/qtz fracs	30-45° 85 30-35	w-m sil	6 py	24103	57.9	59.0
QTZ			@ 59.0 - 59.5 - 20% white qtz in zone @ 59.0 - white qtz vein 8 cm wide cut by pyritic fracs at 60°, dry fracs @ 45 @ 59.45 - 2cm qtz veinlet other wht qtz vein frags in zone other clasts of folded siliciclastics		qtz vn py fracs fracs qtz vn	85 60 45 60	± w sil	5 py	24104	59.0	59.5
			@ 59.5 - dark gray, fine bedded, gthic siliciclastics very broken up to crushed [FLT]					3 py	105 106	59.5	60.95 STANDA
			@ 60.95 - more competent siliciclastics almost ribbon chert looking, beds ± 1cm; disrupted along 05 fracs foldire - dark brownish black colour py along foln		foln fracs fracs	65 but 05 35	variable	2-3 py	107	60.95	62.5
			@ 62.5 - as above but grades into more faulted zone with crushed rock, minor gouge especially bottom 50cm		CNT	45		2-3 py	108 109	62.5	63.6 DUPLICA

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
63.6	73.3		@ conglomerate unit in Fault zone light-med gray colour crowded- clasts commonly 1 cm size but up to 7cm; clasts primarily variable fine graphitic pelitic to siliciclastic sediments locally grit, 5% wte qtz								
			@ 63.6 - 64.15 - crushed rock to gouge bxed Cgl Bx		gouge	50	m clay	1/2 py	24110	63.6	64.15
			@ 64.15 Cgl Bx more competent, some gouge (5-10%) generally broken up brecciated cgl unit some Rgfp clasts (not present in cgl but in bx) pyritized clasts and in matrix; very minor fine q stringers; chlorite alt'd clasts - minor orange staining		gougey frcs q strs	20 20-25	± w sil ± m chl	3 py	111	64.15	65.55
			@ 65.55 - 67.25 as above, generally more competent, some large 5-7cm Rgfp clasts. Cgl Bx more orange staining - hard.		gouge	40	± w-m sil m chl	4 py	112	65.55	67.25
			@ 67.25 Cgl Bx - Fault gouge - still have Rgfp fragments. w. orange stain		gouge gouge	25° 10°, 20°	m-s clay, w chl	2 py	113	67.25	68.6
			@ 68.6 - 69.8 fairly competent Cgl Bx with 10% fault gouge-crushed rock very minor Rgfp clasts up to 1cm w orange stain		gouge "	20° 05	w clay m chl w sil	3 py	114	68.6	69.8
			@ 69.8 - 71.6 Cgl Bx - crushed fault zone with large 15cm Rgfp clast @ 71.1m light grey 5% qtz eyes - few mm size fine 10-15% fsp 1-2 mm w-m orange stain					1 py	115	69.8	71.6

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
			@ 71.6 Bxed cgl minor gouge with 10cm pyritic (2%py) Rgfp fragment? w orange stain		gouge	15	m chl w clay	2-3py	24116	71.6	73.15
			@73.15 15 cm gouge		CNT gouge	60°					
73.3	79.0		Grit with some fine cgl. as above competent 1-2 mm clast size, unsorted light-med grey colour in Fault zone ± local fine BCU		fol'n	85					
			@ 73.3 - mostly grit some 10-15cm cgl beds, Bxiation, gouge w orange stain		gouge	65	± w sil	1py	24117	73.15	74.65
			@ 74.65 - Fault zone in cgl to local fine siliciclastic beds -bx for 70cm cradled fm BCU, bxed cgl. 30% gouge or crushed zone strong fracturing @ 20° CA less @ 45 ± minor fine qtz stringers. still have Rgfp clasts.		fracs	20, 45	"	2py	118	74.65	76.5
			@ 76.5 - FLT zone in cgl - possible grit Rgfp frags up to 7cm 70% crushed rock ± gouge. at CNT		fol'n gouge gouge gouge	65 30° 45 10°	w clay	1py	119	76.5	77.95
			@ 77.95 - 79. Competent grit with occasional clast to 1cm size weak foln, defined by stretched out clasts - disseminated py in matrix and rept. darker clasts - becomes fractured at bottom with ≤0.5cm gouge CNT		± w-m sil fol'n fracs gouge CNT	80 20. 70°		3py	120 121	77.95 DUPLICA	79.0

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DEPTH (metres) From	DEPTH (metres) To	Graphic Log	DESCRIPTION	REC. %	STRUCTURE Veins & Fractures	STRUCTURE Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	SAMPLE DATA From	SAMPLE DATA To
79.0	82.75		Fine BCU unit in FAULT ZONE				wclay				
			@ 79-79.7 greenish chl-ser alt'd with folding deformation, crushed zones.				m chl-ser wclay	2py	24122	79.0	79.7
			@ 79.7 Fine BCU ± crackled to brecciated, rotated clasts to crushed with minor gouge in FLT ZONE		foln	70°	w chl-mser w clay	1-2py	123	79.7	80.75
			@ 80.75-81.55 variably silicified @ 81.35 - 10cm qtz vein grayish colour cut by graphitic stwk. ± trace py overall bxed and crushed to gougy zones locally silicified and pyritized.		q vn frcs	70° 05, 30	w-m sil wclay	3py	124	80.75	81.55
									125	BLANK	
			@ 81.55 - FLT ZONE crushed BCU fine siliciclastics to mic cte/		frcs/gouge CNT	35 60	m clay	1py	126	81.55	82.75
									127	STANDAR	
82.75	101.2		Coarser BCU grit to Cgl in FLT ZONE med-light gray colour, crowded with minor Rqfp dykes to 20cm.								
			@ 82.75-83.8 - fine Cgl - Grit with clasts <0.5cm, occ to 1cm, crowded ± w sil zones ± gouge; fine pyritized clasts, crushed and bxed for 30cm at bottom;		foln gouge	60 25°	wsil wchl	2py	128	82.75	83.8
			@ 83.8 Cgl - brecciated with clasts of Rqfp ± w ser. alt'd. pyritized clasts and along foln in clasts minor fine qtz stks				wsil	2-3py	129	83.8	85.35
			@ 85.35 as above more crushed and broken, minor fine q stks. minor Rqfp clasts.				± wsil mclay	2-3py	130	85.35	86.85

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			@ 86.85 - fine-med cgl, coarser mainly 1cm clasts in centre				w sil	1/2 py	24131	86.85	88.2	
			@ 88.2 - cgl to grit to finer BCU interbeds up to 10cm wide, graded bedding tops ↓ downhole				w sil	1-2py	132	88.2	89.9	
			@ 89.25-.45 Rqfp dyke? - light grey with few% qtz eyes 3-4mm, smaller 10% fsps		CNT LCNT	40° 50	w ser-clay					
			@ 89.9-91.3 Cgl - Grit locally brecciated and clay alt'd ± gouge zones				w clay ± w ser ± w sil	1-2py	133	89.9	91.3	
			@ 90.8-91.3 - pale grey grit unit - w sil over possible previous ser alt'n minor gfic clasts		foln goug.	55 65						
			@ 90.7 - 4cm qq qtz frag cut by gfic stwk									
			@ 91.3-92.95 - FAULT ZONE - crushed to brecciated + 50% clay gouge in zone; in centre 10cm Rqfp? fragment wckl alt'd ? frags, clay alt'd fsps and minor qtz eyes → possible RCLT-finer tuff version of cap tuff					1py	134	91.3	92.95	
			@ 92.95 - Faulted cgl. - crushed, gouge zones, v local sil in centre, med-light grey		foln fres	75 10°	± w sil, W clay	1-2py	135	92.95	94.5	
			@ 94.5 - FAULT BRECCIA (orig cgl) med grey colour more gfic CNT btw darker and lighter grey		fres foln CNT	20 55 40	m clay	1py	136	94.5	96.6	
			@ 96.6 - 97.4 lighter grey cgl - bx in FAULT ZONE		foln	45	s clay	1py	137	96.6	[illegible]	
			@ 97.4 - 97.6 qtz - chert, gouge at bottom		gouge	35						
			@ 97.6 - Cgl bx, some Rqfp frags		foln	65	s clay	2py	138	97.6	99.3	

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	R.E.C. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To
			@ 99.3 – 100.4 deformed cgl-Bx stretched qtz-defining foln; clay gouge zones near bottom of interval grades lighter colour near bottom		–		1W ser-chl ± w clay	1/2 py	139	99.3	100.4
					foln	60			140	DUPLICAT	
			@ 100.4 – 101.2 – more qtz rich zone in deformed and faulted cgl-Bx with frags of glassy qtz to 5cm ± 7% qtz in zone; grades more crushed and gouging ↓						141	100.4	101.2
					CNT gouge	50					
101.2	127.4		Fine BCU in FCT ZONE pelitic to siliciclastics finely bedded.				m-s clay				
			@ 101.2 – >50% of zone clay gouge – crushed rock		foln	55	m-s clay	<1/2 py	142	101.2	102.1
									143	BLANK	
			@ 102.1 – ±40% of zone clay gouge-crushed rock – weak offset along 45° gouge fracs.		gouge/frac	45	m clay	1/2 py	144	102.1	103.65
					foln	50					
			@ 103.65 – grading more siliciclastic 50% of zone strong clay gouge		foln	30	± s clay	–	145	103.65	105.15
			@ 105.15 FAULT GOUGE to crushed rock in BCU med-light grey colour, minor qtz clasts.				V.S. clay	–	146	105.15	106.7
			@ 106.7 – ~~cgl~~ FAULT GOUGE to crush						147	106.7	108.0
			@ 108.0 – more gfic Qte and Fault crush to gouge ~ 35% of interval		foln	65	m clay	1/2 py	148	108.0	109.7
			@ 109.7 gfic Qte to siliciclastics with fine py along foln and in fracs; fine qtz stringers; most of interval quite broken.		foln fracs	60 05,60	w s/l	2 py	149	109.7	111.3

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DEPTH (metres) m	To	Graphic Log	DESCRIPTION	R E C. %	STRUCTURE Veins & Fractures	Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To	Le
		FLT	@ 111.3 broken crushed fault zone in above gfic qte		gouge	35°	s clay	2py	150	111.3	112.3	
			@ 112.3 aft white to tan coloured clay - sericitic altered deformed felsic dyke or more fsp rich interbed fine grained		CNT	40°	w ser. - clay		151	112.3	112.75	
			@ 112.75 - FLT ZONE in qte 60° to gouge - crush		LCNT	55	m-s clay	1 py	152	112.75	114.25	
			@ 114.25 moderately graphitic thin bedded siliciclastics, competent						153	STANDA		
					foln	60			154	114.25	115.8	
			@ 115.8 - as above, folding evident some more qte beds (10-15cm wide) with fine qte strs				± w sil		155	115.8	117.0	
			u CNT appears X cutting		uCNT	80°						
			@ 117.0 - 117.8 interbed of tan coloured possible fspathic sdst or pre deformation dyke; pale greenish tinge qtz - fsp- ser rock; LCNT along fold				w ser		156	117.0	117.8	
					foln	55						
					LCNT	55						
			@ 117.8 - fine thinly bedded BCU mod gfic clastics; minor fine py in few frcs; bedding few mm		foln	60		1/2 py	157	117.8	118.85	
									167	DUPLICATE		
			@ 118.85 - grading more siliciclastics bedding 8cm - 1cm		foln	45			158	118.85	119.7	
					minor gouge	45						
			@ 119.7 - more siliciclastic to dusty zones; 25% gouge		foln	70	w clay		159	119.7	120.1	
			@ 120.1 fine siliciclastics, locally disrupted, folded minor fine qte strs.		foln	70			160	120.1	121.6	
					foln	35						
					qtz strs	65 ± foln						
			@ 121.6 - grading to ribbon chert some grey deformed qte veinlets along foln; X frcs at 40° CA		frcs	40°			161	121.6	123.15	
			→ siliceous altered in centre 12cm		u CNT	50°	s chl - ser					
			uCNT bounded by gouge, LCNT along foln well foliated - grades to broken up at bottom of interval (approaching FLT?)		LCNT	80°						
					foln	75-80°						

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DEPTH (metres) From	To	Graphic Log	DESCRIPTION	REC %	STRUCTURE Veins & Fractures	STRUCTURE Angle	ALTERATION	METALLIC MINERALS %	SAMPLE DATA Sample No.	From	To	Len m
			@ 123.15 ± 30% old deformed qtz vnlets in zone ± w carb in fine BCU siliciclastics, cut by minor pyr fncs ± qtz - few mm; - qtz vnlets to 1cm - bedding ∩ 1cm		foln	60		1 py	24162	123.15	123.6	
					qtz-py	30°						
			@ 123.6 - bedded fine siliciclastics, very broken up					1/2 py	163	123.6	124.65	
			@ 124.65 - as above, less broken ∩ 50% broken rubbly; minor older def qtz vnlets along foln and fibr ± cutting qtz strs		foln	55		1/2 py	164	124.65	125.2	
					qtz strs	05-25						
			@ 125.2 - 126.5 BCU as above deformed qtz vein in centre, cut by qtz fncs; other qtz along foln to 1cm, fine py in minor bxed zone few cm wide with qtz ± carb infilling and along foln.		qtz vn fncs	70° 25, 45, 05		2-3 py	165	125.2	126.5	
			@ 126.5 - 127.4 LOST CORE bit broke, crown down hole could not keep drilling									
EOH									24164	STANDARD		
									167 of 157	DUPL of		