HERITAGE EXPLORATIONS LIMITED

ESKAY PROJECT

2002 & 2003 FIELD PROGRAMS

Geological and Geochemical Surveys, Diamond Drilling

On the

TREATY, TR, COUL, UNUK, PARADIGM, LANCE, SKOOKUM, SIB, POLO, AFTOM, P-MAC, FRED, S.I.B., RAMBO, FOG, NOOT, BONSAI, LINK, CALVIN, MACK, PUD, MEGAN, STO, JOHN, IRVING, BELL, FERGUS, TOON, HARRY, SC, TC, KING, VALCANO, CALVIN, GINGRASS, SKI, DWAYNE, AFT, SHIRLEY, FREDDY, SUL claims

Liard & Skeena Mining Divisions,
British Columbia

Location
NTS 104B/7E, 8W, 9E, 9W, 10E
Latitude 56 24'N to 56 44'N
Longitude 130 02' to 130 39'W

NTS 104B.048, 049, 057, 058, 059, 060,
067, 068, 069, 070, 077, 078
UTM Zone 9
399500E – 436100E
6252100N – 6289100N

Owners: Heritage Explorations Ltd.,
Estey Agencies Ltd. &
Teuton Resources Corp.

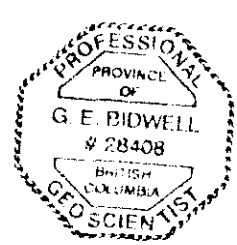
Operator: Heritage Explorations Ltd.

By

G. E. Bidwell, A. W. Worth,

January 31, 2004

VOLUME 3 of 4



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ESKAY PROJECT

2002 & 2003 FIELD PROGRAMS

Appendix V

Diamond Drill Logs

(a) 2002 Drill Holes SIB 02-113 to 02-120
(b) 2003 Drill Holes SIB 03-121 to 03-131
BZ 03-07 to 03-09

for lithology codes see Appendix XIV

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_113

Header

Hole ID	02_113	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	690.40	m		*Date completed*	29/09/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	17713.03	13238.96		m
UTM Grid	NAD83_9	407540.41	6273444.56	983.00	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	115.8	Astronomic (	115.8	-48.0	Compass	
69.80	m	112.8	Astronomic (	112.8	-46.5	Camera	
124.70	m	115.8	Astronomic (	115.8	-47.5	Camera	
185.60	m	117.8	Astronomic (	117.8	-45.5	Camera	
243.80	m	120.8	Astronomic (	120.8	-47.5	Camera	
307.50	m	122.8	Astronomic (	122.8	-43.5	Camera	
426.70	m	129.8	Astronomic (	129.8	-41.0	Camera	
487.70	m	130.8	Astronomic (	130.8	-39.0	Camera	
548.60	m	133.8	Astronomic (	133.8	-34.5	Camera	
609.60	m	133.8	Astronomic (	133.8	-32.0	Camera	
670.60	m	130.0	Astronomic (	130.0	-29.0	Camera	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	1.50		CASE			100	
1.50	44.80		VFRX			100	
44.80	47.40		SICO			100	
47.40	48.70		YFOL			100	
48.70	50.00		SAZO			100	
50.00	52.60		YFOL			100	
52.60	55.90		SACO			100	
55.90	57.40		ZOOO			100	
57.40	70.30		SAZO			100	
70.30	72.10		ZOOO			100	
72.10	75.10		YOOL			100	
75.10	96.50		VFRX			100	

96.50	99.50	ZOOO	100
99.50	103.00	YOOX	100
103.00	103.60	SCCX	100
103.60	104.50	ZOOO	100
104.50	105.90	YOOO	100
105.90	111.80	XYOF	100
111.80	112.50	ZOOO	100
112.50	114.90	SCCX	100
114.90	119.20	SAZO	100
119.20	121.90	ZOOO	100
121.90	129.30	YFOF	100
129.30	192.10	YFOL	100
192.10	192.50	ZOOO	100
192.50	207.00	VFOX	100
207.00	247.00	XVFH	100
247.00	272.60	YOOC	100
272.60	273.30	ZVOO	100
273.30	291.70	YOOL	100
291.70	297.80	VFOX	100
297.80	298.30	SACO	100
298.30	315.90	VFOX	100
315.90	325.30	YFOL	100
325.30	328.50	SACO	100
328.50	345.60	YFOO	100
345.60	347.00	ZOOO	100
347.00	354.20	ZOOO	100
354.20	355.10	ZOOO	100
355.10	358.00	YFOL	100
358.00	371.40	XVOX	100
371.40	380.40	VFOB	100
380.40	385.60	VFOO	100
385.60	386.90	ZOOO	100
386.90	389.30	VFOO	100
389.30	392.20	XSIO	100
392.20	396.70	XYOX	100
396.70	408.50	XVFO	100
408.50	411.00	IIOU	100
411.00	411.80	ZOOO	100
411.80	413.80	XSIO	100
413.80	418.00	SWVO	100
418.00	431.40	YFOO	100
431.40	432.90	ZOOO	100
432.90	440.80	XVFF	100
440.80	442.90	YFOX	100
442.90	445.90	VFOX	100

445.90	446.90	ZOOO	100
446.90	448.10	SACO	100
448.10	449.20	VFOP	100
449.20	453.70	XSIC	100
453.70	460.00	VFOP	100
460.00	473.70	VFOO	100
473.70	475.30	XSIC	100
475.30	478.20	IIOU	100
478.20	479.50	XSIC	100
479.50	482.70	ZOOO	100
482.70	490.10	VFOO	100
490.10	516.40	YFOE	100
516.40	517.20	ZOOO	100
517.20	539.20	XSIC	100
539.20	562.90	XYOF	100
562.90	564.70	XSIC	100
564.70	566.90	ZOOO	100
566.90	589.00	XSIC	100
589.00	593.90	ZOOO	100
593.90	596.90	XSIC	100
596.90	603.60	VFOO	100
603.60	608.50	VFOP	100
608.50	617.90	VFRX	100
617.90	618.50	ZOOO	100
618.50	627.40	VFOU	100
627.40	640.40	SICO	100
640.40	643.10	ZOOO	100
643.10	645.60	SICO	100
645.60	649.00	ZOOO	100
649.00	652.30	SWVO	100
652.30	655.60	YOOL	100
655.60	656.20	SWVO	100
656.20	660.90	VIOU	100
660.90	667.10	XSWO	100
667.10	673.40	YFOF	100
673.40	690.40	XSIC	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
0.00	25.00		Silicic/Silicification	pv	MOD	SI	MOD	QZ	MOD	SERI	MOD	PY	
			Sericitization	pv	WK	SERI	MOD						
25.00	41.30		Sericitization	pv	MOD	SERI	MOD	PY	TR				
			Silicic/Silicification	pv	WK	SI	WK						
41.30	44.30		Sericitization	pv	STG	SERI	STG	PY	TR				
44.30	44.80		Silicic/Silicification	pv	STG	SI	STG	PY	TR				
47.40	48.70		Silicic/Silicification	pv	MOD	SI	MOD	PY	MOD				
			Sericitization	pv	MOD	SERI	MOD						

48.70	50.00	Mineral Assemblage (un	unk	UNK	PY	UNK			
50.00	52.60	Sericitization	pv	STG	SERI	STG	PY	TR	
57.40	70.30	Sulphidic	mass	STG	SULP	STG			
72.10	75.10	Sericitization	pv	STG	SERI	STG			
75.10	103.00	Sericitization	pv	MOD	SERI	MOD			
		Silicic/Silicification	pv	WK	SI	WK			
104.50	105.90	Sericitization	pv	MOD	SERI	MOD			
105.90	114.90	Silicic/Silicification	pv	MOD	SI	MOD	SI	MOD	
		Sericitization	pv	MOD	SERI	MOD			
114.90	119.20	Pyritic	mass	INT	PY	INT			
121.90	129.30	Silicic/Silicification	pv	MOD	SI	MOD			
		Sericitization	pv	WK	SERI	WK			
129.30	171.60	Sericitization	pv	MOD	SERI	MOD			
171.60	181.10	Silicic/Silicification	pv	STG	SI	STG			
		Silicic/Silicification	fsel	STG	SI	STG			
181.10	192.50	Sericitization	pv	MOD	SERI	MOD			
192.50	207.00	Sericitization	pv	WK	SERI	WK			
		Silicic/Silicification	mat	WK	SI	WK			
207.00	218.90	Sericitization	pv	MOD	SERI	MOD	PY	TR	
		Silicic/Silicification	pv	WK	SI	WK			
218.90	223.90	Silicic/Silicification	pv	MOD	SI	MOD	PY	TR	
		Sericitization	pv	WK	SERI	WK			
223.90	227.10	Chloritization	pv	MOD	CL	MOD	PY	TR	
		Sericitization	pv	MOD	SERI	MOD			
		Silicic/Silicification	pv	MOD	SI	WK			
227.10	230.40	Silicic/Silicification	pv	MOD	SI	MOD	PY	TR	
230.40	242.00	Sericitization	pv	MOD	SERI	MOD	PY	TR	
		Silicic/Silicification	fsel	WK	SI	WK			
242.00	247.00	Sericitization	pv	STG	SERI	STG	PY	TR	
247.00	272.60	Sericitization	pv	WK	SERI	WK			
		Silicic/Silicification	pat	WK	SI	WK			
272.60	273.30	Sericitization	pv	STG	SERI	STG			
		Chloritization	pv	STG	CL	STG			
273.30	291.70	Sericitization	pv	WK	SERI	WK	PY	TR	
291.70	297.80	Sericitization	pat	STG	SERI	STG			
		Silicic/Silicification	mat	MOD	SI	MOD			
297.80	302.30	Sericitization	pv	WK	SERI	WK			
		Silicic/Silicification	fsel	WK	SI	WK			
306.70	325.30	Sericitization	pv	MOD	SERI	MOD			
		Silicic/Silicification	pat	WK	SI	WK			
328.50	345.60	Sericitization	pv	MOD	SERI	MOD			
		Silicic/Silicification	pat	WK	SI	WK			
371.40	380.40	Sericitization	pv	MOD	SERI	MOD			
		Chloritization	pat	WK	CL	WK			
380.40	383.60	Silicic/Silicification	pv	MOD	SI	MOD			
		Silicic/Silicification	fsel	MOD	SI	MOD			
386.90	389.30	Silicic/Silicification	pv	MOD	SI	MOD	SI	MOD	
389.30	392.20	Sericitization	pat	STG	SERI	STG			
392.20	396.70	Sericitization	pv	STG	SERI	STG			
396.70	408.50	Silicic/Silicification	pv	MOD	SI	MOD			
		Sericitization	pat	MOD	SERI	MOD			
418.00	431.40	Sericitization	pv	MOD	SERI	MOD			
		Silicic/Silicification	pv	MOD	SI	MOD			
433.80	436.40	Silicic/Silicification	pv	MOD	SI	MOD			

437.00	440.00	Sericitization	pv	MOD	SERI	MOD		
440.80	442.90	Silicic/Silicification	pat	MOD	SI	MOD		
		Sericitization	pat	MOD	SERI	MOD		
442.90	445.90	Sericitization	pv	MOD	SERI	MOD		
449.20	453.70	Mineral Assemblage (un	unk	TR	PY	TR		
453.70	460.00	Sericitization	pv	MOD	SERI	MOD		
		Silicic/Silicification	fsel	WK	SI	WK		
460.00	466.10	Sericitization	pv	MOD	SERI	MOD		
466.10	473.70	Silicic/Silicification	pv	MOD	SI	MOD		
		Sericitization	pv	MOD	SERI	MOD		
482.70	490.10	Sericitization	pv	MOD	SERI	MOD		
490.10	498.00	Sericitization	pv	WK	SERI	WK		
		Silicic/Silicification	pat	WK	SI	WK		
498.00	500.60	Sericitization	pv	MOD	SERI	MOD		
		Epidotization	pv	WK	EP	WK		
500.60	505.10	Sericitization	pv	MOD	SERI	MOD		
		Silicic/Silicification	pat	WK	SI	WK		
505.10	516.40	Sericitization	pv	MOD	SERI	MOD		
		Epidotization	pv	WK	EP	WK		
517.20	539.20	Mineral Assemblage (un	unk	WK	PY	WK		
539.20	548.50	Sericitization	pv	MOD	SERI	MOD		
		Epidotization	pv	WK	EP	WK		
		Silicic/Silicification	pat	WK	SI	WK		
548.50	562.90	Mineral Assemblage (un	unk	STG	PY	STG		
566.90	589.00	Mineral Assemblage (un	unk	MOD	PY	MOD		
596.90	603.60	Sericitization	pv	MOD	SERI	MOD		
603.60	608.50	Sericitization	pv	MOD	SERI	MOD		
		Silicic/Silicification	fsel	WK	SL	WK		
608.50	618.50	Sericitization	pv	MOD	SERI	MOD		
618.50	627.40	Sericitization	pv	MOD	SR	MOD		
		Silicic/Silicification	pv	MOD	SI	MOD		
673.40	690.40	Carbonatization	pat	MOD	CARB	MOD	PY	TR

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
1.52	4.00		QZ	Planar Veins	WK	2	
9.50	16.20		QZ/CARB	Planar Veins	MOD	2	
			QZ	Planar Veins	WK	5	
16.20	16.50		QZ/CARB	Fault-related veins	STG	2	
16.50	28.50		QZ/CARB	Planar Veins	WK	0	
			QZ/CARB	Planar Veins	WK	6	
28.50	35.30		QZ/CARB	Planar Veins	WK	0	
35.30	42.00		QZ/CARB	Planar Veins	WK	2	
			QZ/CARB	Planar Veins	UNK	0	
42.00	44.30		QZ/CARB	Planar Veins	WK	0	
44.30	45.00		QZ	Planar Veins	MOD	1	
			QZ/CARB	Planar Veins	WK	2	
45.50	49.70		QZ/CARB	Planar Veins	WK	5	
			QZ/CARB	Planar Veins	WK	1	
49.70	51.50		CARB/QZ	Planar Veins	WK	0	
52.60	55.40		QZ	Planar Veins	WK	2	
			QZ/CARB	Fault-related veins	WK	10	
58.20	60.40		TNT/QZ	Boudinaged	WK	0	

60.40	63.60	TNT/QZ	Planar Veins	WK	0
		QZ/CARB	Colloform	MOD	5
63.60	68.00	QZ/CARB	Planar Veins	STG	0
		QZ	Planar Veins	MOD	0
72.50	76.70	QZ/CARB	Brecciated Veins	MOD	7
		QZ/CARB	Folded	MOD	0
79.00	84.30	CARB	Planar Veins	MOD	50
		QZ/CARB	Planar Veins	WK	2
84.30	87.80	QZ/CARB	Planar Veins	STG	5
		QZ/CARB	Planar Veins	STG	0
89.50	100.70	QZ/CARB	Planar Veins	MOD	2
		CARB/QZ	Planar Veins	MOD	5
100.70	103.00	QZ	Planar Veins	WK	0
		QZ	Planar Veins	WK	1
103.00	105.90	QZ/CARB	Planar Veins	MOD	2
		QZ/CARB	Folded	MOD	2
105.90	109.40	QZ	Stockwork Veins	STG	2
		QZ	Planar Veins	MOD	0
109.40	111.60	QZ	Planar Veins	WK	1
111.60	114.80	QZ	Planar Veins	STG	1
114.80	120.30	QZ	Planar Veins	WK	2
120.30	124.00	QZ	Planar Veins	WK	0
		QZ	Planar Veins	MOD	2
124.00	129.50	QZ	Planar Veins	WK	0
129.50	135.60	QZ	Planar Veins	UNK	8
		QZ	Folded	UNK	1
135.60	139.00	QZ	Planar Veins	UNK	2
		QZ	En echelon	UNK	0
139.00	144.30	QZ	Planar Veins	UNK	0
		QZ/CARB	Stockwork Veins	UNK	6
144.30	146.50	QZ/CARB	Folded	UNK	
		QZ	Planar Veins	UNK	0
146.50	149.30	QZ	Fault-related veins	UNK	10
		QZ	Planar Veins	UNK	2
149.30	161.00	QND/OR	Fault-related veins	MOD	8
		QZ	Planar Veins	WK	0
161.00	173.00	QZ	Folded	MOD	2
		QZ	Fault-related veins	MOD	2
173.00	178.00	FECB/QZ	Irregular/deformed/segmented	WK	2
		QZ	Planar Veins	WK	0
178.00	185.20	QZ	Fault-related veins	MOD	2
		QZ	Planar Veins	WK	0
187.00	191.00	QZ/FECB	Fault-related veins	UNK	2
		FECB/QZ	Folded	UNK	0
191.00	192.50	QZ	Irregular/deformed/segmented	UNK	2
		FECB/QZ	Planar Veins	UNK	1
192.50	196.00	QZ	Planar Veins	UNK	0
		QZ/FECB	Fault-related veins	UNK	6
196.00	197.00	FECB/SERI/QZ	Stockwork Veins	UNK	10
		QZ	Planar Veins	UNK	2
197.00	204.20	QZ	Fault-related veins	UNK	10
		QZ	Planar Veins	UNK	0
204.20	207.00	QZ	Planar Veins	UNK	0
207.00	208.40	QZ	Stockwork Veins	MOD	25

		PY	Folded	MOD	1	
208.40	211.50	QZ	Planar Veins	UNK	5	
211.50	213.90	QZ	Fault-related veins	UNK	5	
		QZ	Planar Veins	UNK	0	
213.90	219.20	QZ	Fault-related veins	UNK	4	
		QZ/CARB	Planar Veins	UNK	3	
219.20	225.80	QZ/CL	Fault-related veins	UNK	10	
		QZ	Folded	UNK	2	
		QZ	Planar Veins	UNK	0	
225.80	239.50	QZ	Planar Veins	UNK	1	
		QZ	Planar Veins	UNK	10	
239.50	246.10	QZ/CARB	Folded	UNK	2	
		QZ	Irregular/deformed/segmented	UNK	2	
247.00	249.00	QZ	Fault-related veins	UNK	10	
		QZ	Planar Veins	UNK	0	
249.00	250.60	QZ	Planar Veins	UNK	6	
		QZ	Planar Veins	UNK	0	
250.60	259.00	CARB/QZ	Planar Veins	UNK	0	
		CARB/QZ	Irregular/deformed/segmented	UNK	0	
259.00	262.50	QZ	Planar Veins	UNK	0	
		QZ	Fault-related veins	UNK	8	
262.50	269.10	QZ	Planar Veins	UNK	0	
269.10	273.30	QZ/CL	Fault-related veins	UNK	15	
		QZ	Folded	UNK	0	
273.30	282.50	QZ/OR	Irregular/deformed/segmented	UNK	30	
		QZ/OR	Planar Veins	UNK	2	
282.50	287.40	QZ	Irregular/deformed/segmented	UNK	20	
287.40	296.70	QZ	Fault-related veins	UNK	15	
		QZ	Folded	UNK	5	
296.70	306.00	QZ	Planar Veins	UNK	2	
		QZ	Planar Veins	UNK	0	
306.00	307.70	QZ/KFS	Fault-related veins	UNK	6	
		QZ	Irregular/deformed/segmented	UNK	1	
307.70	311.20	QZ	Planar Veins	UNK	0	
		QZ	Fault-related veins	UNK	4	
311.20	319.00	QZ/KFS	Irregular/deformed/segmented	UNK	10	
		QZ	Planar Veins	UNK	1	
319.00	325.30	QZ/KFS/FECB	Irregular/deformed/segmented	UNK	12	
		QZ/KFS/FECB	Planar Veins	UNK	0	
325.30	329.50	QZ/KFS/FECB	Irregular/deformed/segmented	UNK	10	
		QZ	Irregular/deformed/segmented	UNK	2	
329.50	336.45	QZ/KFS	Irregular/deformed/segmented	UNK	15	
		QZ/KFS	Irregular/deformed/segmented	UNK	1	
336.45	344.40	QZ/KFS	Planar Veins	UNK	2	
344.40	347.00	QZ	Irregular/deformed/segmented	UNK	2	
		QZ/KFS	Irregular/deformed/segmented	UNK	2	
347.00	366.40	QZ/KFS	Stockwork Veins	UNK	2	
366.40	368.60	QZ	Irregular/deformed/segmented	UNK	1	
368.60	379.80	QZ/KFS	Irregular/deformed/segmented	UNK	2	
379.80	402.00	QZ/KFS	Irregular/deformed/segmented	STG	7	some pulverised rock veins/fracture filling
		CL/SERI	Irregular/deformed/segmented	MOD	6	
402.00	408.00	QZ/FECB/KFS	Irregular/deformed/segmented	UNK	1	
		QZ/KFS/FECB	Fault-related veins	UNK	3	
408.00	412.50	QZ/CL	Fault-related veins	MOD	8	

		QZ/KFS	Planar Veins	MOD	1	
412.50	414.22	QZ/FECB	Planar Veins	MOD	12	
		QZ	Folded	WK	1	
414.22	418.00	QZ/FECB	Planar Veins	WK	2	
		CARB/QZ	Wispy	WK	1	
418.00	431.30	CARB/QZ	Wispy	WK	1	
431.30	432.70	CARB/QZ	Brecciated Veins	MOD	1	
		CARB/QZ	Fault-related veins	MOD	8	
432.70	435.00	QZ	Fault-related veins	WK	6	
		QZ	Planar Veins	WK	2	
435.00	440.10	QZ	Irregular/deformed/segmented	MOD	1	
		QZ	Fault-related veins	MOD	15	
440.10	444.20	QZ	Irregular/deformed/segmented	MOD	8	
		QZ	Planar Veins	WK	0	
444.20	447.20	QZ/CL	Planar Veins	WK	3	
447.20	452.70	QZ	Planar Veins	WK	1	
452.70	454.90	QZ/CL	Folded	MOD	2	
454.90	457.50	QZ	Planar Veins	MOD	2	
457.50	460.00	QZ	Fault-related veins	WK	10	
460.00	464.50	QZ	Irregular/deformed/segmented	MOD	0	
464.50	466.50	QZ	Irregular/deformed/segmented	WK	1	
467.50	473.70	QZ/QZ	Planar Veins	WK	20	
473.70	476.50	QZ	Planar Veins	WK	0	
476.50	478.80	QZ	Planar Veins	WK	1	
478.80	479.50	QZ	Fault-related veins	MOD	5	
482.70	487.00	QZ	Colloform	WK	20	
490.10	493.70	QZ	Colloform	WK	8	
493.70	495.15	QZ	Irregular/deformed/segmented	WK	4	
495.15	495.80	QZ	Colloform	MOD	20	
495.90	496.30	QZ	Irregular/deformed/segmented	MOD	4	
496.30	499.00	QZ	Planar Veins	MOD	1	
502.50	504.00	QZ/FECB	Fault-related veins	MOD	20	
504.00	505.20	QZ	Planar Veins	WK	1	
507.70	516.40	CARB/QZ/CL	Fault-related veins	MOD	8	
		QZ	Planar Veins	WK	1	
516.40	517.30	CARB/QZ	Brecciated Veins	MOD	1	
		QZ/CARB	Brecciated Veins	MOD	10	
517.30	520.10	QZ	Colloform	MOD	7	
		QZ	Folded	MOD	1	
520.10	525.20	QZ	Folded	MOD	2	
		QZ/KFS	Irregular/deformed/segmented	MOD	1	
525.20	527.20	QZ	Stockwork Veins	MOD	6	
		QZ	Irregular/deformed/segmented	MOD	3	
527.20	530.50	QZ	Planar Veins	MOD	1	Vein 2: yellowish
		QZ	Irregular/deformed/segmented	MOD	2	
530.50	533.50	QZ	Planar Veins	WK	1	
		QZ	Fault-related veins	WK	2	
533.50	534.80	QZ	Planar Veins	WK	0	
534.80	539.10	QZ/KFS	Irregular/deformed/segmented	MOD	6	
		QZ	Folded	MOD	3	
539.10	545.50	QZ/KFS	Fault-related veins	MOD	10	Vein 2: translucent
		QZ	Planar Veins	WK	1	
545.50	546.50	QZ	Fault-related veins	MOD	2	
546.50	550.30	QZ	Planar Veins	WK	1	

552.20	562.90	QZ	Fault-related veins	MOD	8
		QZ	Planar Veins	MOD	1
562.90	565.80	QZ	Planar Veins	MOD	1
		QZ	Folded	MOD	2
566.90	573.90	QZ	Planar Veins	MOD	1
573.90	577.00	QZ/FELD	Folded	MOD	15
		QZ	Planar Veins	MOD	1
581.10	590.30	QZ/KFS	Fault-related veins	UNK	20
		QZ	Folded	UNK	4
590.30	594.60	QZ	Planar Veins	UNK	3
		QZ/KFS	Folded	UNK	2
594.60	601.80	QZ	Planar Veins	UNK	10
		QZ	Folded	UNK	2
603.10	606.80	QZ	Planar Veins	WK	2
606.80	611.10	QZ	Planar Veins	WK	1
		QZ	Fault-related veins	WK	15
611.10	617.90	QZ	Planar Veins	WK	2
		QZ	Folded	WK	1
617.90	622.00	QZ/CARB	Fault-related veins	UNK	20
		QZ	Planar Veins	UNK	2
622.00	626.50	QZ/CARB	Planar Veins	MOD	8
		QZ	Planar Veins	MOD	0
626.50	634.50	QZ/CARB	Fault-related veins	MOD	10
		QZ	Planar Veins	MOD	0
634.50	640.00	QZ/CARB/KFS	Fault-related veins	MOD	10
		PY/QZ	Planar Veins	MOD	35
640.00	643.30	QZ	Fault-related veins	MOD	35
		QZ	Irregular/deformed/segmented	MOD	1
643.30	644.50	QZ	Folded	MOD	2
		QZ	Irregular/deformed/segmented	MOD	1
644.50	649.00	QZ/KFS	Fault-related veins	MOD	8
		QZ/KFS	Irregular/deformed/segmented	STG	2
649.00	652.50	QZ/FELD/CL	Fault-related veins	MOD	5
		QZ/FELD	Irregular/deformed/segmented	MOD	0
655.30	660.30	QZ	Irregular/deformed/segmented	WK	0
		CARB	Planar Veins	WK	0
663.00	665.50	CARB	Irregular/deformed/segmented	WK	0
670.50	673.30	FECB/QZ	Irregular/deformed/segmented	MOD	15
		CARB	Irregular/deformed/segmented	WK	3
673.30	675.00	FECB/QZ	Planar Veins	MOD	3
		CARB	Planar Veins	WK	2
675.00	690.37	CARB/QZ	Planar Veins	WK	1

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
7.50	8.70		cataclastic	WK	Angle visible top of zone
13.60	14.80		undivided foliation-cleavage	WK	
16.10	16.30		fault lineations e.g:slickensides/ slickenlines/	WK	
			fault	WK	
28.20	30.10		undivided foliation-cleavage	MOD	
30.10	30.80		undivided foliation-cleavage	MOD	
			fault lineations e.g:slickensides/ slickenlines/	MOD	
33.60	36.50		undivided foliation-cleavage	WK	
40.80	44.30		fault	WK	

57.50	59.40	fault	MOD	Many graphitic slicken side surfaces
		fault lineations e.g:slickensides/ slickenlines/	STG	
59.40	60.40	fault lineations e.g:slickensides/ slickenlines/	WK	
60.40	65.00	bedding / bedded	MOD	Sulphide laminations in mudstone
65.00	65.50	fault lineations e.g:slickensides/ slickenlines/	MOD	Graphitic slicken lines
		fault	MOD	
70.30	72.10	fault	WK	Rock is in small pieces, but was coherent and together
73.00	74.20	undivided foliation-cleavage	WK	
74.20	74.70	bedding / bedded	WK	
		undivided foliation-cleavage	WK	
96.50	98.80	fault	MOD	Graphitic surface
99.36	99.97	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault	WK	
103.60	104.60	fault	STG	Graphitic mudstone powder
108.00	108.50	bedding / bedded	MOD	
108.50	108.70	fault gouge / clay/ pug	MOD	Gouge, some felsic volc
110.00	110.50	fault lineations e.g:slickensides/ slickenlines/	WK	Gouge - felsic volc
115.30	118.00	fault lineations e.g:slickensides/ slickenlines/	WK	Slicken lines in mudstone graphitic
119.50	119.70	fault gouge / clay/ pug	WK	Gouge - felsic volc
123.30	123.40	fault lineations e.g:slickensides/ slickenlines/	STG	Nice frictional wear grooves
125.00	129.00	bedding / bedded	WK	
		undivided foliation-cleavage	WK	
137.10	137.30	fault	WK	small blocks
146.30	146.90	undivided foliation-cleavage	WK	Could be primary layering
157.20	157.70	undivided foliation-cleavage	WK	
159.20	162.00	undivided foliation-cleavage	MOD	
166.00	167.40	undivided foliation-cleavage	MOD	Sl/Sll Sll is weak crenulation
		undivided foliation-cleavage	WK	
169.90	170.10	fault lineations e.g:slickensides/ slickenlines/	WK	
177.40	179.90	fault lineations e.g:slickensides/ slickenlines/	UNK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
182.50	182.90	fault	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
190.00	190.50	undivided foliation-cleavage	WK	
190.50	190.95	fault	WK	
192.30	192.60	fault gouge / clay/ pug	MOD	
195.40	195.50	undivided foliation-cleavage	WK	shear/flatten along primary layering?
199.50	199.60	fault gouge / clay/ pug	MOD	Gouge, vein nearby
200.50	201.30	undivided foliation-cleavage	MOD	Variable - partly primary
207.00	208.00	bedding / bedded		Sulphides along laminae
214.20	214.70	bedding / bedded	MOD	Pyrite along laminae
216.50	217.10	bedding / bedded		
217.10	224.20	bedding / bedded		weak, local fine material
225.10	225.60	fault	WK	Graphitic slip surfaces
		fault lineations e.g:slickensides/ slickenlines/	WK	
227.40	228.10	fault	MOD	
230.40	233.00	bedding / bedded		"Folded" foliation or primary layering. Could be all primary
234.70	234.90	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault	WK	
238.00	238.40	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault	WK	
243.50	243.60	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault	WK	
244.80	245.50	fault lineations e.g:slickensides/ slickenlines/	WK	

		fault	WK	
245.70	245.80	fault lineations e.g:slickensides/ slickenlines/		
		fault	WK	
248.50	249.00	fault	MOD	
250.30	250.50	bedding / bedded		
252.40	252.50	fault lineations e.g:slickensides/ slickenlines/		
257.10	257.40	fault gouge / clay/ pug	MOD	
257.60	257.70	fault gouge / clay/ pug	WK	
259.95	260.35	fault lineations e.g:slickensides/ slickenlines/	MOD	Many surfaces
		fault gouge / clay/ pug	WK	
265.90	266.40	bedding / bedded		grit/sandy beds
267.50	268.00	fault lineations e.g:slickensides/ slickenlines/		
269.10	270.30	bedding / bedded	STG	
270.30	273.60	undivided foliation-cleavage	MOD	Possible shearing
276.50	276.60	fault lineations e.g:slickensides/ slickenlines/	MOD	
281.70	281.80	fault gouge / clay/ pug	WK	
283.60	283.90	fault lineations e.g:slickensides/ slickenlines/	WK	
285.80	285.90	fault gouge / clay/ pug	WK	
286.15	286.25	fault gouge / clay/ pug	MOD	w/black graphitic gouge
287.20	287.50	fault gouge / clay/ pug	WK	
289.70	289.90	fault gouge / clay/ pug	MOD	
290.00	292.60	bedding / bedded	MOD	
		undivided foliation-cleavage	MOD	
293.30	293.50	fault lineations e.g:slickensides/ slickenlines/	WK	
293.50	296.00	bedding / bedded	WK	
		undivided foliation-cleavage	WK	
297.80	297.90	bedding / bedded	MOD	
302.84	303.36	undivided foliation-cleavage	MOD	Possibly parallel to primary layering
304.40	304.70	bedding / bedded	WK	
305.30	305.40	fault gouge / clay/ pug	WK	Thin gouge zone 4-5mm
311.70	311.90	bedding / bedded	MOD	possibly parallel to SOO
		shear/ shear zone	MOD	
315.90	318.20	bedding / bedded	MOD	
318.20	318.80	fault	MOD	15mm gouge and vein zone
319.70	322.70	bedding / bedded	MOD	
326.00	327.00	bedding / bedded	MOD	
327.00	328.50	fault lineations e.g:slickensides/ slickenlines/	MOD	Broad Ft, many slicks some powdered rock. Variable orientation
		fault	MOD	
331.90	332.00	fault lineations e.g:slickensides/ slickenlines/	WK	
334.10	334.30	fault lineations e.g:slickensides/ slickenlines/	WK	
336.20	336.45	fault lineations e.g:slickensides/ slickenlines/	WK	
338.00	341.50	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault	WK	
341.50	345.60	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault	MOD	
345.56	347.30	fault gouge / clay/ pug	STG	Major fault
		cataclastic	STG	
347.30	354.20	undivided foliation-cleavage		lots of graphitic surfaces
		fault lineations e.g:slickensides/ slickenlines/		
		fault breccia		
354.20	355.10	fault gouge / clay/ pug	STG	Gouge zone
355.10	357.80	cataclastic	MOD	mostly coherent, healed to some degree
357.80	358.00	cataclastic	MOD	
358.00	362.30	fault lineations e.g:slickensides/ slickenlines/	MOD	many small gouge zones

		fault gouge / clay/ pug	MOD	
366.40	366.60	fault gouge / clay/ pug	MOD	
366.60	370.00	fault lineations e.g:slickensides/ slickenlines/	WK	Frequent slicken side surfaces
374.00	375.70	undivided foliation-cleavage	MOD	Two fabrics forming
		shear/ shear zone	MOD	
378.30	378.40	fault lineations e.g:slickensides/ slickenlines/	MOD	Graphitic surface
379.00	379.10	fault lineations e.g:slickensides/ slickenlines/	WK	
379.70	379.80	fault lineations e.g:slickensides/ slickenlines/	WK	
380.70	380.90	fault lineations e.g:slickensides/ slickenlines/	MOD	Graphitic
383.80	384.00	fault lineations e.g:slickensides/ slickenlines/	WK	
384.30	384.53	fault lineations e.g:slickensides/ slickenlines/	MOD	
385.60	386.70	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
387.70	391.60	fault lineations e.g:slickensides/ slickenlines/	MOD	Many slicken side surfaces
		fault	WK	
391.90	392.10	fault lineations e.g:slickensides/ slickenlines/	WK	
392.30	392.90	fault lineations e.g:slickensides/ slickenlines/	MOD	
394.90	395.30	fault lineations e.g:slickensides/ slickenlines/	WK	
396.70	397.80	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
398.10	398.20	fault lineations e.g:slickensides/ slickenlines/	MOD	
400.10	400.40	fault lineations e.g:slickensides/ slickenlines/	MOD	
402.40	402.60	cataclastic	STG	
402.60	404.00	fault breccia	MOD	Many surfaces
		fault lineations e.g:slickensides/ slickenlines/	MOD	
404.00	404.80	fault breccia	WK	
407.10	407.20	fault gouge / clay/ pug	WK	Two surfaces
409.50	410.50	fault lineations e.g:slickensides/ slickenlines/	WK	
410.50	411.50	undivided foliation-cleavage	MOD	
411.50	413.60	fault gouge / clay/ pug	MOD	cataclastic rock, sed host
		cataclastic	MOD	
415.75	417.90	bedding / bedded	MOD	
417.90	418.00	fault gouge / clay/ pug	WK	
418.00	424.50	*fault gouge / clay/ pug*	WK	*Graded ash, lapilli*
		undivided foliation-cleavage	MOD	
		bedding / bedded	MOD	
424.50	428.24	bedding / bedded	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
428.24	432.70	fault lineations e.g:slickensides/ slickenlines/	STG	
		fault gouge / clay/ pug	MOD	
432.70	433.70	fault gouge / clay/ pug	MOD	
434.30	434.50	fault gouge / clay/ pug	MOD	
434.50	436.40	*fault gouge / clay/ pug*	MOD	*Variety of faults and gouge zones*
		fault lineations e.g:slickensides/ slickenlines/	MOD	
436.40	437.70	fault lineations e.g:slickensides/ slickenlines/	WK	Variety of orientations. Graphite
438.00	438.10	fault lineations e.g:slickensides/ slickenlines/	WK	
438.10	439.90	undivided foliation-cleavage	MOD	variable general parallel to core. Sericitic
439.90	440.10	fault lineations e.g:slickensides/ slickenlines/	WK	graphitic
440.10	442.90	fault lineations e.g:slickensides/ slickenlines/	WK	planar, smooth, some w gouge
		fault gouge / clay/ pug	MOD	
445.80	446.70	undivided foliation-cleavage	MOD	sericitic, and black mudstone
447.20	450.00	bedding / bedded	MOD	
450.00	450.60	bedding / bedded		
451.03	451.40	fault lineations e.g:slickensides/ slickenlines/	MOD	graphitic, sediment hosted

453.10	454.90	bedding / bedded	MOD	Bedding in graphitic shale and rhyolite
454.90	455.20	bedding / bedded	MOD	
		fault gouge / clay/ pug	MOD	
455.20	459.00	bedding / bedded	WK	SOO parallel to SFO Weak, flow banding?
459.00	460.00	fault gouge / clay/ pug	MOD	Fissile rock
		fault lineations e.g:slickensides/ slickenlines/	MOD	
460.00	461.50	bedding / bedded	WK	
		undivided foliation-cleavage	WK	
462.90	465.90	undivided foliation-cleavage	WK	
		folded lithologies	WK	
465.90	466.30	undivided foliation-cleavage	STG	
467.20	473.65	undivided foliation-cleavage	MOD	weak SOO, parallel to SI (SFO) Faults with bedding-parallel slip. Some faults w/graphitic
		fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
473.65	475.18	fault lineations e.g:slickensides/ slickenlines/	MOD	gouge, slicken lines
		fault gouge / clay/ pug	WK	
476.80	478.20	bedding / bedded	MOD	In ash/lapilli
478.80	482.65	fault gouge / clay/ pug	STG	Broken core, probable fault zone. Hosted in black mudstone
		cataclastic	STG	
482.65	484.58	fault breccia	MOD	Fault breccia, partly healed
		undivided foliation-cleavage	MOD	
487.30	489.20	bedding / bedded	MOD	
		folded lithologies	MOD	
489.89	490.10	fault gouge / clay/ pug	MOD	
493.30	493.40	fault gouge / clay/ pug	MOD	
493.80	494.85	undivided foliation-cleavage	WK	Foliated and primary layering are sub-parallel
		bedding / bedded	WK	
494.85	495.15	fault gouge / clay/ pug	MOD	1cm thick
495.80	495.90	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
496.80	499.00	undivided foliation-cleavage	WK	weak foliation, sub-parallel to primary layering
		bedding / bedded	WK	
499.90	500.00	fault gouge / clay/ pug	WK	
500.70	500.94	fault gouge / clay/ pug		
502.50	502.90	fault lineations e.g:slickensides/ slickenlines/	WK	
504.14	504.30	fault lineations e.g:slickensides/ slickenlines/	WK	
506.00	506.10	fault gouge / clay/ pug	WK	
507.20	507.30	fault gouge / clay/ pug	MOD	
508.50	510.70	undivided foliation-cleavage	WK	
510.70	510.80	fault gouge / clay/ pug	MOD	
513.60	513.90	fault lineations e.g:slickensides/ slickenlines/	WK	2x gouge/Ft zones
516.40	517.30	fault gouge / clay/ pug	STG	major gouge zones
517.30	521.10	mylonite/ mylonite zone	MOD	
		undivided foliation-cleavage	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
521.10	523.00	bedding / bedded	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
523.00	523.50	fault gouge / clay/ pug	MOD	
523.50	525.20	bedding / bedded	MOD	Angle of bedding 0-25
		folded lithologies	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
526.90	527.10	bedding / bedded	MOD	
529.50	529.60	fault lineations e.g:slickensides/ slickenlines/	WK	
531.00	532.00	bedding / bedded	WK	weak laminations

537.70	537.80	bedding / bedded	WK	SOO and SI sub-parallel
		undivided foliation-cleavage	WK	
537.80	538.00	fault lineations e.g:slickensides/ slickenlines/	WK	
539.40	540.00	bedding / bedded	WK	
		undivided foliation-cleavage	WK	
542.20	542.30	*fault lineations e.g:slickensides/ slickenlines/*	WK	
545.00	545.50	bedding / bedded	WK	Primary layering/ flattening in ash
545.50	545.85	fault gouge / clay/ pug	WK	
548.70	550.30	bedding / bedded	MOD	
553.20	553.80	fault lineations e.g:slickensides/ slickenlines/	WK	
		fault gouge / clay/ pug	WK	
554.00	557.40	bedding / bedded	MOD	
557.40	560.20	bedding / bedded	MOD	
560.20	560.30	*fault gouge / clay/ pug*	MOD	
560.30	561.40	bedding / bedded	MOD	
561.40	562.00	fault gouge / clay/ pug	WK	3-5mm gouge surfaces
563.60	564.20	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
564.70	566.90	fault lineations e.g:slickensides/ slickenlines/	MOD	sediment hosted fault. Some fissile mudstone gouge, graphitic
		fault gouge / clay/ pug	MOD	
566.90	567.80	bedding / bedded	MOD	
567.80	567.90	fault gouge / clay/ pug	WK	
567.90	570.20	bedding / bedded	MOD	Variable 20-40 small ZFL at 567.89
570.20	572.50	bedding / bedded	MOD	Variable 15-55 folding?
572.50	572.60	fault lineations e.g:slickensides/ slickenlines/	MOD	graphitic
573.40	575.10	folded lithologies	MOD	
		bedding / bedded	WK	
575.40	576.10	cataclastic	MOD	
576.70	577.00	fault gouge / clay/ pug	MOD	
578.20	579.40	bedding / bedded	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
579.40	580.00	fault gouge / clay/ pug	MOD	
581.00	581.50	fault gouge / clay/ pug	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
582.10	583.10	bedding / bedded	MOD	
583.10	588.40	bedding / bedded	WK	
		folded lithologies	WK	
588.40	589.00	folded lithologies	MOD	Smaller scale 1-20m scale
590.20	594.30	fault gouge / clay/ pug	STG	Major fault
		fault lineations e.g:slickensides/ slickenlines/	MOD	
595.30	595.50	fault lineations e.g:slickensides/ slickenlines/	WK	
597.20	597.50	fault gouge / clay/ pug	MOD	10cm thick gouge zone
598.60	598.70	fault gouge / clay/ pug	WK	
601.40	601.70	fault gouge / clay/ pug	STG	chlorite/sericite rich
		fault lineations e.g:slickensides/ slickenlines/	STG	
602.70	603.10	fault lineations e.g:slickensides/ slickenlines/	WK	very weak
607.20	611.10	undivided foliation-cleavage	MOD	foliation wk primary layering are sub-parallel
		bedding / bedded	WK	
612.00	615.80	undivided foliation-cleavage	MOD	Foliation and primary layering sub-parallel sericite alt
		bedding / bedded	WK	
617.50	618.60	fault gouge / clay/ pug	MOD	gouge and frac rock
618.75	618.85	fault gouge / clay/ pug	WK	
619.05	619.15	fault gouge / clay/ pug	WK	
620.35	620.45	fault lineations e.g:slickensides/ slickenlines/	WK	

621.65	621.75	fault gouge / clay/ pug	WK	
625.00	626.50	bedding / bedded	MOD	S1 and S0 sub-parallel
		undivided foliation-cleavage	MOD	
628.10	628.95	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
629.80	629.90	fault lineations e.g:slickensides/ slickenlines/	WK	
632.80	633.00	fault lineations e.g:slickensides/ slickenlines/	WK	
633.00	634.50	bedding / bedded	MOD	
640.40	643.10	fault gouge / clay/ pug	STG	Ft zone
		fault lineations e.g:slickensides/ slickenlines/	MOD	
644.70	645.25	fault lineations e.g:slickensides/ slickenlines/	MOD	major F2 640.4 to 649.1 Lots of graphite
645.80	648.50	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	STG	
647.60	648.00	fault lineations e.g:slickensides/ slickenlines/	STG	
		fault gouge / clay/ pug	WK	
648.90	649.10	fault lineations e.g:slickensides/ slickenlines/	MOD	Graphitic
649.10	649.90	bedding / bedded	WK	Finished 116 and 117
652.20	652.50	fault lineations e.g:slickensides/ slickenlines/	WK	Graphitic 2 surfaces
652.80	654.80	bedding / bedded	WK	SOO and S1 sub-parallel
		undivided foliation-cleavage	WK	
654.80	656.20	bedding / bedded	STG	
660.30	660.40	fault lineations e.g:slickensides/ slickenlines/	WK	
660.40	661.00	bedding / bedded	MOD	
661.00	661.70	fault lineations e.g:slickensides/ slickenlines/	WK	
662.90	663.00	fault lineations e.g:slickensides/ slickenlines/	WK	
664.00	667.00	bedding / bedded	MOD	
667.00	669.80	bedding / bedded	MOD	
669.80	673.10	fault gouge / clay/ pug	MOD	Fault zone in grey volcaniclastic ash
		fault lineations e.g:slickensides/ slickenlines/	MOD	
673.10	674.70	bedding / bedded	WK	
674.70	676.60	fault lineations e.g:slickensides/ slickenlines/	WK	
		undivided foliation-cleavage	WK	
		bedding / bedded	WK	
676.60	677.20	fault lineations e.g:slickensides/ slickenlines/	MOD	SFO sub-parallel to SOO
		undivided foliation-cleavage	MOD	
678.10	678.20	fault lineations e.g:slickensides/ slickenlines/	MOD	
678.20	682.00	bedding / bedded	WK	
682.00	690.37	fault lineations e.g:slickensides/ slickenlines/	WK	weak flattening sub-parallel to SOO
		bedding / bedded	MOD	
		undivided foliation-cleavage	WK	

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Be ppm	Hg ppb	Sb ppm	Mn ppm
39.30	41.30	176207	CORE_UN	0.01		10		4	21	132	12	49		4	117
41.30	43.10	176208	CORE_UN	-0.01		-10		3	31	158	63	67		11	135
43.10	44.80	176209	CORE_UN	-0.01		-10		6	25	128	45	81		5	115

44.80	46.30	176210	CORE_UN	-0.01	-10	5	21	123	88	106	10	31
46.30	47.40	176211	CORE_UN	0.01	10	8	13	172	66	105	10	41
47.40	48.70	176212	CORE_UN	-0.01	-10	3	15	111	177	38	16	72
48.70	50.00	176213	CORE_UN	-0.01	-10	18	19	226	167	58	36	92
50.00	51.20	176214	CORE_UN	-0.01	-10	6	21	118	60	62	11	95
51.20	52.60	176215	CORE_UN	-0.01	-10	7	24	157	64	64	11	103
52.60	53.60	176216	CORE_UN	-0.01	-10	40	27	508	160	62	40	111
53.60	54.60	176217	CORE_UN	-0.01	-10	70	14	789	273	62	72	135
54.60	55.90	176218	CORE_UN	-0.01	-10	37	26	512	137	74	47	133
55.90	57.30	176219	CORE_UN	3.51	3510	57	27	1014	1318	32	265	109
57.30	58.40	176220	CORE_UN	3.3	3300	47	12	1042	1504	44	4068	100
58.40	59.40	176221	CORE_UN	0.98	980	19	5	275	260	81	5657	72
59.40	60.40	176222	CORE_UN	2.47	2470	32	41	416	410	38	7353	102
60.40	61.40	176223	CORE_UN	3.16	3160	43	80	625	365	47	11253	88
61.40	62.40	176224	CORE_UN	5.16	5160	60	109	580	315	75	6296	71
62.40	63.40	176225	CORE_UN	7.68	7680	73	150	537	455	69	4120	106
63.40	64.40	176226	CORE_UN	47.4	47400	119	253	2276	2121	83	21567	167
64.40	65.50	176227	CORE_UN	14.99	14990	514	289	4126	505	14	30486	260
65.50	66.70	176228	CORE_UN	20.03	20030	834	67	4295	116	10	30448	120
66.70	67.80	176229	CORE_UN	21.38	21380	99	1133	3129	1602	425	21403	259
67.80	68.80	176230	CORE_UN	51.32	51320	308	782	1179	2125	187	6903	181
68.80	70.30	176231	CORE_UN	28.42	28420	453	1124	1454	1285	48	5082	166
70.30	72.10	176232	CORE_UN	3.61	3610	87	152	882	1215	44	546	127
72.10	73.10	176233	CORE_UN	0.66	660	13	36	125	318	73	556	99
73.10	75.00	176234	CORE_UN	0.92	920	7	38	187	562	53	154	63
75.00	76.70	176235	CORE_UN	0.9	900	4	27	138	1485	66	68	25
76.70	78.00	176236	CORE_UN	2.83	2830	14	59	140	4087	25	127	38
78.00	80.70	176237	CORE_UN	0.6	600	6	35	91	2937	44	77	102
80.70	82.70	176238	CORE_UN	0.06	60	4	25	105	278	63	27	114
82.70	84.70	176239	CORE_UN	0.01	10	5	22	106	205	49	14	186
84.70	86.70	176240	CORE_UN	0.01	10	4	14	91	105	143	14	134
86.70	89.00	176241	CORE_UN	0.01	10	5	10	95	55	54	15	168
89.00	91.00	176242	CORE_UN	0.01	10	7	15	105	120	138	14	106
91.00	93.00	176243	CORE_UN	0.01	10	5	30	107	62	69	12	137
93.00	95.00	176244	CORE_UN	0.01	10	5	22	109	32	69	10	245
95.00	96.50	176245	CORE_UN	0.03	30	6	29	108	75	167	12	312
96.50	99.50	176246	CORE_UN	0.84	840	36	35	771	304	73	52	387
99.50	101.30	176247	CORE_UN	0.03	30	13	36	125	131	61	169	205
101.30	103.00	176248	CORE_UN	0.01	10	8	11	85	62	49	10	177
103.00	104.50	176249	CORE_UN	0.04	40	43	31	417	107	45	66	302
104.50	105.90	176250	CORE_UN	-0.01	-10	8	32	131	20	58	5	122
105.90	108.30	176301	CORE_UN	-0.01	-10	5	15	102	11	28	3	251
108.30	110.70	176302	CORE_UN	-0.01	-10	5	19	121	19	100	17	96

110.70	112.50	176303	CORE_UN	0.02	20		5	26	120	8	32		-3	172
112.50	114.70	176304	CORE_UN	-0.01	-10		6	18	126	7	38		4	128
114.70	115.70	176305	CORE_UN	0.04	40		77	31	1212	252	46		80	303
115.70	116.70	176306	CORE_UN	0.05	50		74	29	1154	255	50		78	159
116.70	117.70	176307	CORE_UN	0.08	80		84	54	1123	247	42		88	167
117.70	119.30	176308	CORE_UN	0.19	190		26	34	295	777	73		39	222
119.30	120.50	176309	CORE_UN	-0.01	-10		6	15	130	11	75		3	99
120.50	121.90	176310	CORE_UN	-0.01	-10		7	26	56	9	261		7	109
121.90	124.00	176311	CORE_UN	-0.01	-10		8	24	134	10	73		4	86
124.00	125.50	176312	CORE_UN	0.01	10		5	24	98	8	122		43	79
137.00	138.20	179529	CORE_HALF	0.0131	13.1	1037	5.82	19.51	193.5	78.9	79.9	408	4.94	389
138.20	139.70	176313	CORE_UN	0.04	40		9	43	132	207	54		16	287
150.00	152.00	179531	CORE_HALF	0.0003	0.3	233	4.69	19.7	96.7	23.2	80	364	2.74	141
161.00	163.00	179532	CORE_HALF	0.0004	0.4	269	5.48	23.64	168.1	18.2	81.3	191	3.14	184
176.50	178.50	179533	CORE_HALF	0.0004	0.4	190	4.33	19.85	131.6	88.9	62.6	219	5.32	116
178.50	180.00	179534	CORE_HALF	0.0003	0.3	169	3.67	14.72	132.6	50.6	27.2	181	4.31	127
190.95	193.00	179536	CORE_HALF	0.0002	0.2	48	8.85	18.07	167.6	56.8	28.2	247	4.4	205
193.00	194.50	179535	CORE_HALF	-0.0002	-0.2	63	35.35	8.14	151.5	194.1	38.4	312	14.46	326
194.50	196.10	179537	CORE_HALF	-0.0002	-0.2	82	37.67	3.51	105.1	568.9	33.1	161	14.13	481
196.10	198.00	179538	CORE_HALF	-0.0002	-0.2	41	38.26	4.02	109.1	124.6	17.4	186	19.57	453
198.00	200.00	179539	CORE_HALF	0.0028	2.8	157	40.18	7.83	112.8	1823.5	26.7	221	22.22	477
200.00	201.30	179540	CORE_HALF	-0.0002	-0.2	111	18	7.92	131.2	137.1	22.2	154	9.65	316
207.00	208.40	176314	CORE_UN	-0.01	-10		8	26	91	192	45		11	194
223.70	225.00	179541	CORE_HALF	0.0009	0.9	89	3.67	9.97	78	22.8	58.2	60	2.08	218
225.00	227.30	179542	CORE_HALF	0.0007	0.7	155	5.76	20.86	141.2	44.6	56.5	118	3.82	283
227.30	229.34	179543	CORE_HALF	0.0012	1.2	123	3.19	12.55	99.5	13.7	114.5	79	2.94	122
229.34	231.30	179544	CORE_HALF	0.001	1	191	3.17	17.16	129.8	9.5	101.4	105	2.08	102
231.30	233.30	179545	CORE_HALF	0.0002	0.2	129	3.41	26.2	129.4	17.6	127.7	60	1.56	258
233.30	235.00	179546	CORE_HALF	0.0011	1.1	183	7.33	17.46	182.3	15.3	131.5	326	2.28	168
235.00	237.00	179547	CORE_HALF	0.003	3	312	18.41	19.17	77.5	24.8	59.8	432	3.9	188
237.00	240.00	179548	CORE_HALF	0.0008	0.8	165	6.28	21.87	210.9	3.5	243.8	155	1.27	203
240.00	242.00	179549	CORE_HALF	0.0011	1.1	170	5.26	20.22	132.7	6.6	91.7	68	1.57	135
242.00	244.00	179550	CORE_HALF	0.0012	1.2	209	4.64	24.41	139.7	4.2	87.2	79	1.11	292
244.00	246.00	179293	CORE_HALF	0.0016	1.5	192	4.72	21.82	156.2	7.3	87.4	99	1.54	180
246.00	247.00	179294	CORE_HALF	0.0028	2.8	332	14.59	18.03	97.1	43.8	104.9	129	3.76	219
247.00	248.40	176315	CORE_UN	-0.01	-10		21	43	110	44	81		21	407
248.40	249.80	176316	CORE_UN	-0.01	-10		9	17	124	15	81		-3	505
268.00	269.10	176317	CORE_UN	0.01	10		14	11	78	215	69		9	287
269.10	270.30	176318	CORE_UN	0.04	40		37	92	186	272	81		54	703
270.30	272.10	179295	CORE_HALF	0.0016	1.6	136	3.87	12.69	125.3	10.6	162.2	110	1.99	221
272.10	273.10	179296	CORE_HALF	0.0007	0.7	189	4.88	22.87	138.6	9.2	71	100	3.57	212
273.10	274.40	179297	CORE_HALF	0.0053	5.3	139	2.67	13.41	51.4	36.6	46.5	154	3.03	308
274.40	275.20	176319	CORE_UN	-0.01	-10		5	17	74	16	28		13	340

275.20	277.00	179298	CORE_HALF	0.0043	4.3	169	3.23	17.49	88.3	51.3	127.4	307	5.38	133
277.00	279.00	179299	CORE_HALF	0.0033	3.3	154	3.96	15.85	58.1	25.6	67.5	156	3.41	153
279.00	281.00	179300	CORE_HALF	0.0077	7.7	381	4.8	25.02	103.5	37.6	106.9	219	7.56	140
281.50	283.50	179460	CORE_HALF	0.0021	2.1	122	2.66	11.34	20.2	18.2	46.8	183	3.19	120
283.50	285.30	176320	CORE_UN	-0.01	-10		5	9	23	11	60		11	131
285.30	287.20	176321	CORE_UN	0.02	20		6	10	37	97	142		9	321
287.00	289.00	179461	CORE_HALF	0.0046	4.6	183	4.41	9.23	146.2	79.3	77.5	787	7.68	224
289.00	290.00	179562	CORE_HALF	0.0048	4.8	255	16.42	9.69	33.3	41.9	91.9	122	4.43	75
290.00	291.00	176322	CORE_UN	0.04	40		10	38	17	412	10		24	430
322.00	323.70	179463	CORE_HALF	0.0009	0.9	87	3.21	2.76	21.1	30	91.2	34	2.38	440
323.70	324.15	179464	CORE_HALF	0.0014	1.4	515	15.13	24.59	30.5	78.4	34.4	283	23.86	866
324.15	325.30	179465	CORE_HALF	0.0024	2.4	42	2.87	3.48	11.2	17	47.2	47	1.99	519
325.30	327.00	176323	CORE_UN	0.12	120		21	33	40	71	75		28	976
327.00	328.50	176324	CORE_UN	0.14	140		23	40	73	1222	84		38	1008
344.40	345.56	179466	CORE_HALF	0.0003	0.3	206	8.12	10.89	15.7	57.6	223.6	106	6.47	513
345.60	347.00	176325	CORE_UN	0.03	30		19	21	34	76	126		14	634
347.00	349.00	176326	CORE_UN	-0.01	-10		15	21	33	20	95		13	1694
349.00	351.00	176327	CORE_UN	0.01	10		10	12	24	19	85		7	2125
351.00	353.00	176328	CORE_UN	-0.01	-10		4	8	35	17	100		6	1924
353.00	354.20	176329	CORE_UN	-0.01	-10		12	20	61	36	127		15	1505
354.20	356.60	179467	CORE_HALF	0.0007	0.7	311	18.96	27.2	60.6	60.2	120.4	121	14.73	1000
356.60	359.10	179468	CORE_HALF	0.002	2	100	7.41	11.4	47.9	41.4	76	95	4.75	706
359.10	361.10	179469	CORE_HALF	0.0018	1.8	156	9.42	13.2	22.6	39.1	97.7	70	7.65	559
361.10	362.30	176330	CORE_UN	0.04	40		26	22	36	99	77		22	923
362.30	364.00	179470	CORE_HALF	0.0009	0.9	126	4.95	3.67	27.2	11.8	268.4	59	2.59	562
364.00	366.00	179471	CORE_HALF	0.0002	0.2	37	1.36	2.04	16.1	2.9	42.7	29	0.92	614
366.00	368.10	179472	CORE_HALF	0.004	4	577	18.65	5.65	25.5	40.5	51.6	68	8.73	1163
368.10	368.70	176331	CORE_UN	0.1	100		24	44	52	52	57		33	739
368.70	370.70	179473	CORE_HALF	0.0021	2.1	163	7.95	12.05	50.3	21.3	27.1	121	7	984
370.70	372.70	179474	CORE_HALF	0.0018	1.8	209	6.95	6.51	50.1	26.1	60.7	106	3.1	852
372.70	374.80	179475	CORE_HALF	0.0035	3.5	268	5.5	9.97	63.7	6.4	69.8	191	1.91	733
374.80	376.90	179476	CORE_HALF	0.0011	1.1	138	4.49	7.13	47.3	10.6	56.6	70	2.05	963
376.90	378.90	179477	CORE_HALF	0.0008	0.8	562	14.92	6.91	88.3	39.7	47.5	129	7.61	1008
378.90	380.90	179478	CORE_HALF	0.0057	5.7	189	5.96	6.28	56.1	14.6	50.2	404	3.57	602
380.90	383.60	179479	CORE_HALF	0.0026	2.6	206	6.03	2.37	10	5.5	12.4	55	3.74	729
383.60	384.40	179480	CORE_HALF	0.0022	2.2	661	21.56	45.73	56.2	90.2	41.3	292	27.68	1398
384.40	386.50	179481	CORE_HALF	0.0096	9.6	231	6.46	12.53	24.2	28.9	36.1	126	6.76	640
386.50	388.50	179482	CORE_HALF	0.0029	2.9	105	3.58	3.4	23.6	8.5	26	50	1.88	652
388.50	390.40	179483	CORE_HALF	0.0032	3.2	316	8.8	11.56	24.1	32.5	59	126	7.32	485
390.40	392.20	179484	CORE_HALF	0.0013	1.3	83	2.02	8.17	37.4	15.7	46.5	111	1.83	418
392.20	394.30	179485	CORE_HALF	0.0036	3.6	163	4.08	12.62	28.5	9.4	51.7	79	3.32	452
394.30	396.30	179486	CORE_HALF	0.0029	2.9	153	3.36	14.43	37	6.9	40.3	54	2.14	321
396.30	398.60	179487	CORE_HALF	0.0016	1.6	90	2.04	6.44	31	22.3	51	81	1.38	1101

398.60	400.80	179488	CORE_HALF	0.0012	1.2	157	7.52	6.74	46.3	30.5	55.4	57	3.69	1296
400.80	402.80	179489	CORE_HALF	0.0002	0.2	156	4.89	6.8	20.4	16.3	45.8	30	2.68	1348
402.80	405.00	179490	CORE_HALF	0.0016	1.6	95	2.75	5.64	24.6	6.7	37.8	66	1.58	700
405.00	407.36	179491	CORE_HALF	0.0009	0.9	159	6.37	5.37	22	11.9	28.9	48	3.34	778
407.36	409.50	179492	CORE_HALF	0.001	1	733	23.29	3.48	37.9	70	41	45	11.05	903
409.50	411.50	179493	CORE_HALF	0.0012	1.2	728	28.51	7.57	35.6	82.4	57.3	79	13.42	877
411.50	412.60	179494	CORE_HALF	0.0004	0.4	230	10.37	13.04	49.6	36.1	54.1	174	10.6	635
412.60	413.60	176332	CORE_UN	-0.01	-10		25	23	147	42	79		24	796
413.60	414.80	179495	CORE_HALF	-0.0002	-0.2	189	22.88	14.62	115.4	30.4	300.4	69	6.7	375
414.80	418.00	179496	CORE_HALF	-0.0002	-0.2	111	15.35	14.83	75.5	5.4	127.2	49	1.91	572
418.00	418.47	179497	CORE_HALF	0.0004	0.4	135	23.15	10.93	93.3	5.3	125.8	50	3.46	949
418.47	420.70	179498	CORE_HALF	0.0005	0.5	51	8.77	7.4	111.6	3.7	155.8	46	1.36	1244
420.95	422.60	179499	CORE_HALF	0.0003	0.3	84	2.99	4.91	117.7	3.4	155.5	59	1.2	1196
422.60	424.70	179500	CORE_HALF	0.0008	0.8	59	4.6	10.96	147.6	5.5	132.1	86	1.47	914
424.70	427.00	179608	CORE_HALF	0.0003	0.3	93	20.82	6.74	117.3	14.2	123.1	80	3.38	561
427.00	429.00	179609	CORE_HALF	0.0003	0.3	223	15.19	20.03	87.7	14.7	100.3	71	3.7	494
429.00	431.30	179610	CORE_HALF	0.003	3	87	6.02	2.61	83.9	135.5	110.9	102	1.55	702
431.30	432.90	179611	CORE_HALF	0.002	2	369	14.93	9.81	64	519.7	67.1	115	9.52	586
432.90	433.80	176333	CORE_UN	0.05	50		19	30	154	45	58		21	249
433.80	436.40	179612	CORE_HALF	0.002	2	193	9.91	14.19	85.5	12	46.5	127	5.64	240
436.40	437.00	176334	CORE_UN	0.01	10		16	27	98	26	50		19	128
437.00	439.50	179613	CORE_HALF	0.0008	0.8	182	7.86	18.38	159.2	7.4	66.2	160	5.62	155
439.50	441.80	179614	CORE_HALF	0.0016	1.6	229	23.2	13.99	123.2	43.7	53	125	11.06	152
441.80	443.80	179615	CORE_HALF	0.0044	4.4	439	13.48	29.86	100.3	239.5	95.9	353	6.54	118
443.80	445.75	179616	CORE_HALF	0.0009	0.9	184	4.54	17.16	145.3	3.8	93	156	2.08	85
445.75	447.20	179617	CORE_HALF	0.0006	0.6	244	7.28	18.12	177.5	4.2	87.9	223	3.17	126
447.20	448.10	176335	CORE_UN	-0.01	-10		13	27	58	18	112		14	77
448.10	449.20	179618	CORE_HALF	0.0005	0.5	80	4.77	10.04	128.3	2.6	86.4	108	1.51	82
449.20	450.80	176336	CORE_UN	-0.01	-10		9	12	59	13	128		7	99
450.80	451.90	176337	CORE_UN	-0.01	-10		17	29	91	27	126		18	141
451.90	452.80	176338	CORE_UN	-0.01	-10		11	14	96	20	116		9	147
452.80	453.70	176339	CORE_UN	-0.01	-10		24	25	70	37	122		24	776
	454.00	179619	CORE_HALF	0.0004	0.4	92	4.95	14.6	131.8	1.3	95.9	77	1.86	290
454.00	456.50	179620	CORE_HALF	0.0009	0.9	98	5.06	18.9	123.1	3.4	113.1	75	2	159
456.75	458.50	179621	CORE_HALF	-0.0002	-0.2	94	5.92	18.81	126.4	2.8	106	105	1.92	159
458.50	460.00	179622	CORE_HALF	0.0007	0.7	90	5.8	22.05	116.3	4.9	111.1	113	2.24	184
460.00	461.00	179623	CORE_HALF	-0.0002	-0.2	91	6.38	21.81	65.5	57	91.9	137	7.35	136
461.00	462.90	179624	CORE_HALF	0.0006	0.6	84	2.76	29.71	46.5	41.8	94.6	50	1.93	184
462.90	465.20	179625	CORE_HALF	0.0002	0.2	168	3.37	29.64	65.4	27.3	112.4	68	4.89	230
465.20	466.10	176340	CORE_UN	-0.01	-10		10	38	135	46	102		23	162
466.10	467.70	179626	CORE_HALF	0.0006	0.6	133	2.26	19.26	32	2.8	70.9	49	1.2	109
467.70	469.70	179627	CORE_HALF	-0.0002	-0.2	67	2.58	13.49	27.4	2	58.3	36	1.13	74
469.70	472.10	179628	CORE_HALF	0.0004	0.4	67	3.64	16.89	40.9	1.9	77.3	70	2.21	148

472.10	473.65	179629	CORE_HALF	-0.0002	-0.2	61	1.95	14.14	50.3	2.7	90.6	63	1.76	298
473.70	475.30	176341	CORE_UN	-0.01	-10		27	43	182	64	91		39	338
475.30	476.60	179630	CORE_HALF	-0.0002	-0.2	82	37.83	10.52	55.9	41.3	90.8	166	16.96	676
476.60	478.20	179631	CORE_HALF	0.0004	0.4	97	36.74	9.78	63.3	43.4	35	186	17.73	667
478.20	479.50	176342	CORE_UN	-0.01	-10		42	25	238	59	76		45	876
479.50	482.70	176343	CORE_UN	0.02	20		34	29	160	54	103		37	905
482.70	484.30	179632	CORE_HALF	0.0003	0.3	126	4.54	28.7	68.2	38.4	76.6	203	7.89	224
484.30	486.00	179633	CORE_HALF	0.0002	0.2	94	3.47	22.52	57.7	28.8	77	254	5.31	194
486.00	487.40	179634	CORE_HALF	0.0014	1.4	89	18.44	7.61	48.6	28.9	87.6	229	8.96	304
487.40	489.40	179635	CORE_HALF	0.0005	0.5	277	50.45	26.26	148.3	61.7	8.9	445	23.95	305
489.40	491.40	179636	CORE_HALF	-0.0002	-0.2	266	23.6	8.67	65.2	115	34.9	134	10.53	417
491.40	493.50	179637	CORE_HALF	-0.0002	-0.2	58	20.6	8.1	77.5	45.4	181.2	79	7.1	544
493.50	494.90	179638	CORE_HALF	-0.0002	-0.2	232	19.79	11.06	80.6	79.9	169.9	63	7.53	437
494.90	495.90	179639	CORE_HALF	0.0002	0.2	229	25.53	8.41	92.3	245.1	164.1	148	14.84	559
495.90	496.80	179640	CORE_HALF	0.0002	0.2	99	16.59	7.01	84.3	124.3	169.8	64	5.83	605
496.80	498.00	179641	CORE_HALF	-0.0002	-0.2	71	14.51	11.83	94.4	17.5	213.3	41	5.53	354
498.00	500.70	179642	CORE_HALF	0.0002	0.2	55	12.12	6.07	159.7	418.6	168.2	105	4.36	1056
500.70	502.50	179643	CORE_HALF	-0.0002	-0.2	371	17.59	4.84	79.5	194.1	188.5	56	5.47	593
502.50	504.00	179644	CORE_HALF	-0.0002	-0.2	328	9.97	6.87	46.7	17.5	160.9	35	4.6	902
504.00	505.10	179645	CORE_HALF	0.0009	0.9	160	11.08	2.89	98	6.3	208.7	51	2.1	321
505.10	507.70	179646	CORE_HALF	-0.0002	-0.2	336	11.29	3.02	134.5	7.5	142.3	65	2.55	970
507.70	509.50	179647	CORE_HALF	0.001	1	54	14.14	6.85	121.2	6.5	179.8	33	1.82	1078
509.50	511.96	179648	CORE_HALF	0.0002	0.2	89	19.54	19.95	108.8	7.4	277.8	55	4	1404
512.28	514.20	179649	CORE_HALF	0.0002	0.2	38	5.97	1.94	57.5	16.4	145.4	19	1.45	767
514.20	516.00	179650	CORE_HALF	0.0018	1.8	66	8.8	2.71	53.6	168.5	238.4	48	2.94	897
516.00	517.38	179755	CORE_HALF	0.0017	1.7	1176	39.82	24.56	103.9	64.4	91.2	236	25.21	1109
517.40	518.40	176344	CORE_UN	0.02	20		142	151	253	61	123		80	1236
518.40	519.40	176345	CORE_UN	0.06	60		112	196	363	85	129		79	915
519.40	520.40	176346	CORE_UN	0.07	70		48	75	172	49	133		37	1026
520.40	521.40	176347	CORE_UN	0.08	80		50	33	135	91	135		33	902
521.40	522.40	176348	CORE_UN	0.09	90		42	23	57	108	95		26	1824
522.40	523.40	176349	CORE_UN	0.13	130		39	32	76	434	61		28	756
523.40	524.40	176350	CORE_UN	0.24	240		56	42	131	117	74		34	1234
524.40	525.40	176351	CORE_UN	0.16	160		56	36	130	128	50		31	532
525.40	526.40	176352	CORE_UN	0.09	90		35	23	83	53	130		22	679
526.40	527.20	176353	CORE_UN	0.09	90		52	25	106	44	108		30	658
527.20	528.20	176354	CORE_UN	0.08	80		18	12	70	27	145		14	1225
528.20	529.50	176355	CORE_UN	0.08	80		22	14	85	26	161		16	925
529.50	530.50	176356	CORE_UN	0.06	60		49	31	90	61	70		29	1353
530.50	531.50	176357	CORE_UN	0.05	50		38	11	91	27	195		28	1100
531.50	532.50	176358	CORE_UN	0.05	50		47	17	83	34	180		30	821
532.50	533.50	176359	CORE_UN	0.05	50		46	18	68	38	157		31	769
533.50	534.50	176360	CORE_UN	0.05	50		57	16	120	38	190		37	704

534.50	535.70	176361	CORE_UN	0.03	30		46	10	94	35	186		27	948
535.70	536.70	176362	CORE_UN	0.08	80		26	27	56	68	53		13	1547
536.70	537.80	176363	CORE_UN	0.12	120		11	26	26	110	32		8	2048
537.80	539.20	176364	CORE_UN	0.09	90		36	45	273	75	55		25	924
539.20	540.50	176365	CORE_UN	-0.01	-10		12	7	92	14	186		8	842
540.50	541.60	176366	CORE_UN	0.01	10		14	7	107	21	158		11	588
541.60	543.50	179317	CORE_HALF	-0.0002	-0.2	118	10.93	4.24	125.7	67.6	139.9	127	5.35	673
543.50	545.50	179318	CORE_HALF	0.0008	0.8	82	10.45	2.39	96.5	20.7	169.3	94	5.36	607
545.50	546.50	176367	CORE_UN	-0.01	-10		24	29	88	69	70		44	350
546.50	548.70	179319	CORE_HALF	-0.0002	-0.2	32	36.45	1.12	82.3	257.7	177	66	9.74	1745
548.70	549.40	176368	CORE_UN	-0.01	-10		12	17	57	40	26		15	704
549.70	551.20	179320	CORE_HALF	-0.0002	-0.2	76	23.94	7.55	108.8	20.7	145.4	106	11.79	932
551.20	553.25	179321	CORE_HALF	-0.0002	-0.2	25	5.91	2.35	79.9	8.7	128.9	47	2.15	487
553.25	555.40	179322	CORE_HALF	0.0005	0.5	65	10.08	4.13	96.8	275	147	73	4.85	560
555.40	557.50	179326	CORE_HALF	0.0057	5.7	163	30.32	12.63	100.9	11.5	150.2	81	10.63	356
557.50	558.40	179327	CORE_HALF	0.0064	6.4	39	2.24	2.2	103.6	5.4	130.4	88	2.52	586
558.40	560.63	179328	CORE_HALF	0.0022	2.2	97	11.57	32.02	92.3	30	155.5	98	8.22	502
560.63	563.00	179329	CORE_HALF	0.0089	8.9	66	4.3	6.6	87.6	720.5	189	107	4.03	516
563.00	563.90	176369	CORE_UN	-0.01	-10		36	31	186	318	229		21	522
563.90	565.50	176370	CORE_UN	-0.01	-10		50	50	203	66	242		33	543
565.50	566.30	176371	CORE_UN	-0.01	-10		74	25	331	49	162		44	750
566.30	567.40	176372	CORE_UN	0.01	10		70	34	230	118	141		40	900
567.40	568.40	176373	CORE_UN	0.09	90		162	548	946	115	66		92	462
568.40	569.40	176374	CORE_UN	0.02	20		48	26	90	83	65		27	716
569.40	570.40	176375	CORE_UN	0.02	20		43	25	96	54	96		28	764
570.40	571.30	176376	CORE UN	0.02	20		59	28	141	83	109		37	629
571.30	572.50	176377	CORE_UN	-0.01	-10		25	13	76	61	186		14	544
572.50	573.50	176378	CORE_UN	0.02	20		44	35	105	45	167		35	585
573.50	574.50	176379	CORE_UN	0.14	140		77	204	309	236	127		88	696
574.50	575.50	176380	CORE_UN	0.18	180		42	43	123	235	108		39	585
575.50	576.50	176381	CORE_UN	0.15	150		35	34	109	148	119		41	944
576.50	577.50	176382	CORE_UN	0.19	190		36	61	374	1169	114		58	762
577.50	578.90	176383	CORE_UN	0.62	620		31	46	92	379	68		42	707
578.90	580.10	176384	CORE_UN	0.16	160		75	205	392	731	107		115	699
580.10	581.10	176385	CORE_UN	0.04	40		45	23	82	230	140		42	523
581.10	582.10	176386	CORE_UN	0.05	50		44	37	152	63	128		50	939
582.10	583.10	176387	CORE_UN	0.04	40		42	23	188	66	114		43	756
583.10	584.10	176388	CORE_UN	0.03	30		33	19	277	58	142		40	627
584.10	585.10	176389	CORE_UN	0.06	60		25	19	157	65	138		34	741
585.10	586.20	176390	CORE_UN	0.08	80		27	28	92	111	58		25	1461
586.20	587.20	176391	CORE_UN	0.12	120		40	31	191	185	42		34	840
587.20	588.20	176392	CORE_UN	0.26	260		39	49	52	267	24		28	219
588.20	589.20	176393	CORE_UN	0.98	980		36	42	102	397	23		23	183

589.20	590.20	176394	CORE_UN	0.33	330		51	39	63	319	21		28	229
590.20	591.50	176395	CORE_UN	0.14	140		39	54	118	96	73		39	661
591.50	593.90	176396	CORE_UN	0.1	100		34	25	59	74	132		34	668
593.90	595.00	176397	CORE_UN	0.19	190		26	27	69	100	89		32	677
595.00	596.00	176398	CORE_UN	0.17	170		29	39	126	92	71		34	605
596.00	597.30	176399	CORE_UN	0.18	180		167	65	91	116	75		123	818
597.30	599.30	176400	CORE_UN	0.01	10		4	7	38	13	91		6	509
599.30	600.80	179330	CORE_HALF	0.0007	0.7	46	1.82	12.25	18.3	5.5	150.2	42	2.86	579
600.80	602.30	179331	CORE_HALF	0.0009	0.9	197	4.85	29.59	42.5	36.5	119.4	102	11.12	413
602.30	604.60	179332	CORE_HALF	0.0005	0.5	122	2.85	24.89	61.4	22.6	116.7	96	6.84	143
604.60	607.80	179333	CORE_HALF	0.0002	0.2	83	5	18.82	127.2	1.4	136	97	2.82	83
607.80	609.80	179334	CORE_HALF	-0.0002	-0.2	77	6.2	19.92	41.9	7.9	132.3	31	5.47	98
609.80	611.12	179335	CORE_HALF	0.0002	0.2	61	0.68	25.77	27.7	2.1	130.7	31	7.56	67
611.12	612.97	179336	CORE_HALF	0.0002	0.2	72	1.21	39.06	44.3	2.6	184.2	26	7.37	129
612.97	614.70	179337	CORE_HALF	-0.0002	-0.2	55	0.84	29.18	38.5	2.3	128.1	25	5.19	107
614.70	616.45	179338	CORE_HALF	-0.0002	-0.2	53	1.27	32.05	42.5	1.9	100.7	24	2.25	154
616.45	618.59	179339	CORE_HALF	-0.0002	-0.2	48	1.28	27.83	33.8	2.6	78	51	3.71	149
618.59	620.46	179340	CORE_HALF	-0.0002	-0.2	40	4.45	16.2	25.8	3.7	62.5	103	5.26	289
620.46	622.75	179341	CORE_HALF	-0.0002	-0.2	36	34.55	7.3	72.4	21.3	68.6	68	16.62	679
622.75	624.80	179342	CORE_HALF	0.0002	0.2	40	36.16	3.51	73.6	19.7	57.4	71	15.01	608
624.80	627.40	176751	CORE_UN	0.01	10		33	12	128	42	74		22	584
627.40	629.00	176752	CORE_UN	0.05	50		47	69	360	105	82		39	1008
629.00	630.00	176753	CORE_UN	0.06	60		46	15	113	58	105		24	639
630.00	631.00	176754	CORE_UN	0.06	60		54	14	97	57	116		28	525
631.00	632.00	176755	CORE_UN	0.09	90		51	33	183	113	98		29	619
632.00	633.00	176756	CORE_UN	0.08	80		50	25	107	66	98		25	780
633.00	634.00	176757	CORE_UN	0.17	170		51	53	97	108	68		28	1135
634.00	635.00	176758	CORE_UN	0.26	260		2092	8922	14863	290	25		983	346
635.00	636.00	176759	CORE_UN	0.16	160		94	150	187	113	38		44	960
636.00	637.00	176760	CORE_UN	0.09	90		43	75	187	72	66		25	1068
637.00	638.00	176761	CORE_UN	0.09	90		55	58	103	105	83		28	582
638.00	639.00	176762	CORE_UN	0.19	190		70	20	124	92	95		29	869
639.00	640.40	176763	CORE_UN	0.04	40		45	73	659	72	103		21	1301
640.40	642.50	176780	CORE_UN	0.08	80		44	98	389	939	82		35	1140
642.50	644.50	176781	CORE_UN	0.08	80		67	161	269	1042	74		56	776
644.50	646.50	176782	CORE_UN	0.05	50		43	46	227	1006	89		27	979
646.50	648.20	176783	CORE_UN	0.03	30		42	16	85	218	107		16	1128
648.20	649.20	176784	CORE_UN	0.04	40		26	10	184	35	130		11	1124
649.22	651.10	179343	CORE_HALF	0.0018	1.8	289	18.19	12.48	90.3	51.1	86.3	155	8.47	1157
651.10	652.30	179344	CORE_HALF	0.0008	0.8	476	12.78	23.84	139.2	29.8	85.6	245	8.96	829
652.30	654.90	179345	CORE_HALF	0.0018	1.8	166	14.45	6.5	104.6	8.6	123.8	97	2.45	635
654.90	656.90	179346	CORE_HALF	0.0005	0.5	278	21.82	14.23	93.9	38.4	74.1	139	6.49	1191
656.90	659.10	179347	CORE_HALF	0.0028	2.8	246	57.76	9.32	79.6	55.9	91.9	142	6.15	1427

659.10	660.90	179348	CORE_HALF	0.0025	2.5	149	39.12	9.62	80.8	24.2	140.5	48	2.88	1336
660.90	662.90	179349	CORE_HALF	0.0094	9.4	209	9.94	7.81	82.9	1.6	171.9	26	0.56	505
662.90	665.50	179350	CORE_HALF	0.0052	5.2	133	10.58	3.27	78.9	0.5	187.6	21	0.74	545
665.50	667.90	179525	CORE_HALF	0.0057	5.7	177	22.84	8.35	107.7	2.8	185.3	61	0.94	459
667.10		176764	CORE_UN	0.02	20		43	25	130	9	165		3	436
667.90	669.95	179526	CORE_HALF	0.0095	9.5	156	45.53	5.64	132	20.7	217.1	75	1.65	429
669.95	671.32	179527	CORE_HALF	0.0009	0.9	80	35.11	1.2	44.2	38.8	195.2	29	1.54	456
671.32	673.30	179528	CORE_HALF	0.001	1	159	37.38	17.32	106.3	36.9	1108.8	90	1.58	578
673.30	675.30	176765	CORE_UN	0.01	10		44	9	120	27	171		-3	460
675.30	677.00	176766	CORE_UN	0.02	20		52	14	95	30	154		11	520
677.00	678.00	176767	CORE_UN	0.02	20		51	14	72	23	152		11	609
678.00	679.00	176768	CORE_UN	0.02	20		62	28	137	25	138		10	589
679.00	680.00	176769	CORE_UN	0.02	20		54	24	118	24	121		11	634
680.00	681.00	176770	CORE_UN	0.01	10		64	23	124	26	126		12	686
681.00	682.00	176771	CORE_UN	0.03	30		70	21	129	23	148		9	555
682.00	683.00	176772	CORE_UN	0.02	20		57	24	111	18	95		6	967
683.00	684.00	176773	CORE_UN	0.02	20		64	19	119	16	126		7	630
684.00	685.00	176774	CORE_UN	0.01	10		66	17	115	17	159		5	686
685.00	686.00	176775	CORE_UN	0.02	20		59	23	110	17	127		6	711
686.00	687.00	176776	CORE_UN	0.01	10		63	18	111	18	131		5	803
687.00	688.00	176777	CORE_UN	0.01	10		64	15	119	17	137		5	747
688.00	689.00	176778	CORE_UN	0.01	10		67	17	116	14	150		3	570
689.00	690.00	176779	CORE_UN	0.01	10		57	15	118	18	162		-3	653

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_114

Header

Hole ID	02_114	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	377.65	m		*Date completed*	30/09/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	19142.41	15115.67		m
UTM Grid	NAD83_9	409009.58	6275289.01	1150.17	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	295.4	Astronomic (	295.4	-49.7	Compass	
61.00	m	295.8	Astronomic (	295.8	-47.5	Camera	
121.90	m	298.8	Astronomic (	298.8	-47.0	Camera	
182.90	m	300.8	Astronomic (	300.8	-47.0	Camera	
243.80	m	302.8	Astronomic (	302.8	-46.0	Camera	
307.50	m	302.8	Astronomic (	302.8	-47.0	Camera	
367.60	m	304.8	Astronomic (	304.8	-47.0	Camera	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	2.44		CASE			100	
2.44	20.16	M	YIOR			100	
20.16	20.35		ZOOO			100	
20.35	22.60	M	YIOR			100	
22.60	22.80		ZOOO			100	
22.80	24.20	M	YIOR			100	
24.20	24.40		ZOOO			100	
24.40	25.87	M	YIOR			100	
25.87	26.21		ZOOO			100	
26.21	26.30	F	XYOA			100	
26.30	30.85	F	YIOA			100	
30.85	31.28		VOOO			100	
31.28	36.13	M	YIOR			100	
36.13	36.95		ZOOO			100	
36.95	46.52	M	YIOR			100	
46.52	46.96	F	XYOA			100	

46.96	49.54	M	YIOR	100
49.54	49.71		VOOO	100
49.71	52.15	M	YIOR	100
52.15	52.45	F	YOOA	100
52.45	52.96	M	YIOR	100
52.96	53.75	M	VIOH	100
53.75	53.97	M	YIOR	100
53.97	59.67	M	VIOH	100
59.67	60.40	M	YIOR	100
60.40	61.32	M	YIOR	100
61.32	62.83		SGVO	100
62.83	63.98	F	XSAV	100
63.98	64.03	F	YFOA	100
64.03	64.40	C	SWVO	100
64.40	64.84	F	XSWC	100
64.84	71.20	M	YOOR	100
71.20	71.29	F	XSWC	100
71.29	71.55	M	YOOR	100
71.55	71.64		ZVOO	100
71.64	71.96		VOOO	100
71.96	75.64	M	VIOH	100
75.64	75.88	F	YIOA	100
75.88	75.94	M	YIOR	100
75.94	76.05	F	YIOA	100
76.05	83.14	M	VIOH	100
83.14	83.21	F	YIOA	100
83.21	86.34	M	VIOH	100
86.34	86.44	F	YIOA	100
86.44	86.67	M	YIOR	100
86.67	86.76	F	YIOA	100
86.76	87.08	F	SWVO	100
87.08	88.12	M	VIOH	100
88.12	88.55	F	SWVO	100
88.55	92.35	M	VIOH	100
92.35	92.67	M	YIOL	100
92.67	93.17	F	SWVO	100
93.17	93.21	C	YOOE	100
93.21	95.00	M	VIOH	100
95.00	95.08	F	YOOA	100
95.08	95.40	M	YIOL	100
95.40	95.50	C	YOOE	100
95.50	95.92	M	YIOL	100
95.92	96.00	C	YOOE	100
96.00	96.90	M	VIOH	100
96.90	98.43	M	YIOL	100

98.43	98.50	F	YOOA	100
98.50	103.37	M	VIOH	100
103.37	103.46	F	SWVO	100
103.46	104.50	M	VIOH	100
104.50	104.61	M	YOOR	100
104.61	107.32	M	VIOX	100
107.32	107.37	F	YOOA	100
107.37	114.50	M	VIOH	100
114.50	114.94	F	VIOO	100
114.94	115.34	M	VIOH	100
115.34	116.09	F	VIOO	100
116.09	118.50	M	VIOH	100
118.50	118.83	F	VIOO	100
118.83	125.50	M	VIOX	100
125.50	128.31	M	VIOH	100
128.31	129.12	F	SIVO	100
129.12	129.57	M	YOOR	100
129.57	129.65	F	SIVO	100
129.65	130.34	F	XSSK	100
130.34	131.50	F	XSWC	100
131.50	132.02	F	XSAV	100
132.02	132.22	F	SIVO	100
132.22	132.55	F	XSWC	100
132.55	132.72	F	SIVO	100
132.72	133.55	F	SWVO	100
133.55	133.75	F	SSVO	100
133.75	133.84	F	SWVO	100
133.84	134.02	F	SIVO	100
134.02	134.31	F	SWVO	100
134.31	134.47	F	SWVO	100
134.47	135.02	F	XSWC	100
135.02	136.52	F	SICO	100
136.52	136.87	C	XSWC	100
136.87	137.10	M	YFOR	100
137.10	137.24	F	SWVO	100
137.24	138.24	F	XSSK	100
138.24	138.33		ZSOO	100
138.33	138.62	F	SWVO	100
138.62	139.81	F	XSWC	100
139.81	141.10	F	XSWC	100
141.10	141.56	M	SGVO	100
141.56	147.28	F	SICO	100
147.28	147.37		ZOOO	100
147.37	148.84	F	SIVO	100
148.84	148.93		ZOOO	100

148.93	149.17	F	VIOO	100
149.17	153.65	M	VIOX	100
153.65	153.76		ZOOO	100
153.76	155.73	M	VIOX	100
155.73	156.65	F	VIOO	100
156.65	158.35	M	VIOX	100
158.35	158.95	F	VIOO	100
158.95	160.52	M	VIOX	100
160.52	160.78		ZOOO	100
160.78	160.92		ZSOO	100
160.92	161.03		ZOOO	100
161.03	165.10	M	YIOR	100
165.10	167.00	M	YIOR	100
167.00	167.61	F	SGVO	100
167.61	167.80		ZOOO	100
167.80	168.98	M	YOOR	100
168.98	169.54	F	SICO	100
169.54	170.24	F	XSWC	100
170.24	170.34		ZOOO	100
170.34	170.71	F	SICO	100
170.71	170.74		ZOOO	100
170.74	171.40		SGVO	100
171.40	171.90	F	SICO	100
171.90	172.98		SGVO	100
172.98	173.95	F	SICO	100
173.95	174.65		ZOOO	100
174.65	175.94	F	XSWC	100
175.94	176.26	F	SWVO	100
176.26	176.52	F	SWCO	100
176.52	177.52	M	VOOX	100
177.52	178.13	F	VOOF	100
178.13	179.03	M	VOOX	100
179.03	181.25	F	VOOF	100
181.25	181.85		ZOOO	100
181.85	182.82	F	VOOF	100
182.82	183.67	M	VOOX	100
183.67	189.84	F	VOOF	100
189.84	189.90		VOOO	100
189.90	191.25	M	VOOX	100
191.25	202.51	F	VOOF	100
202.51	203.36	M	VOOX	100
203.36	204.20	F	VOOF	100
204.20	204.75	M	VOOX	100
204.75	205.80	F	VOOF	100
205.80	206.46	M	VOOX	100

206.46	229.25	F	VOOF	100
229.25	229.82		ZOOO	100
229.82	232.48	F	SICO	100
232.48	232.94	F	SWVO	100
232.94	241.73	C	XSWC	100
241.73	241.77		VOOO	100
241.77	244.08	F	SICO	100
244.08	244.30	F	SWVO	100
244.30	246.16	F	SICO	100
246.16	246.60	F	SWVO	100
246.60	250.08	F	SICO	100
250.08	250.16		ZOOO	100
250.16	253.60	F	SICO	100
253.60	254.25		ZOOO	100
254.25	259.90	F	SICO	100
259.90	260.04		ZOOO	100
260.04	260.12	C	SWCO	100
260.12	260.52		SGVO	100
260.52	260.67	F	SWVO	100
260.67	260.92	M	VOOX	100
260.92	270.42	F	VOOF	100
270.42	270.50		ZOOO	100
270.50	272.44	F	VOOF	100
272.44	273.08		ZOOO	100
273.08	290.20	F	VOOF	100
290.20	290.38	M	VOOX	100
290.38	290.48		ZOOO	100
290.48	291.82	F	VOOF	100
291.82	291.92		ZOOO	100
291.92	294.25	F	VOOF	100
294.25	294.45		ZOOO	100
294.45	294.75		ZVOO	100
294.75	298.40	F	VOOF	100
298.40	299.77	M	VOOX	100
299.77	300.21		ZOOO	100
300.21	312.51	F	VOOF	100
312.51	316.35	M	YOOR	100
316.35	323.83	F	VOOF	100
323.83	331.75	M	YOOR	100
331.75	332.79	M	VOOX	100
332.79	358.44	F	VOOF	100
358.44	358.70		ZOOO	100
358.70	374.90	F	VOOF	100
374.90	375.00		ZOOO	100
375.00	377.65	F	VOOF	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
2.44	3.27		Sericitization	bd	WK	SERI	MOD	QZ	MOD	PY	WK		
3.27	3.39		Silicic/Silicification	pv	STG	QZ	INT	PY	WK				
3.39	7.96		Sericitization	bd	WK	SERI	MOD	QZ	WK	PY	WK		
			Silicic/Silicification	mot	WK	SERI	MOD						
7.96	8.40		Sericitization	bd	MOD	SERI	STG	PY	WK	QZ	MOD	CARB	
8.40	8.68		Sericitization	bd	WK	SERI	MOD	PY	WK				
			Sericitization	mot	WK	SERI	MOD						
8.75	9.69		Sericitization	bd	WK	SERI	MOD	QZ	WK	PY	WK		
			Sericitization	mot	WK	SERI	MOD						
9.76	10.50		Sericitization	bd	WK	PY	TR						
10.72	15.25		Sericitization	bd	WK	SERI	STG	PY	WK				
			Sericitization	mot	WK	SERI	STG						
15.25	15.55		Silicic/Silicification	bd	STG	QZ	INT	PY	WK				
			Silicic/Silicification	rib	STG	QZ	INT						
15.55	20.16		Sericitization	bd	WK	SERI	STG	QZ	WK	PY	WK		
			Sericitization	mot	WK	SERI	STG						
20.16	22.00		Sericitization	bd	WK	SERI	MOD	PY	WK				
			Sericitization	pv	WK	SERI	MOD						
22.00	24.40		Sericitization	bd	MOD	SERI	STG	PY	WK				
			Sericitization	pv	MOD	SERI	STG						
24.40	26.21		Sericitization	pv	WK	SERI	MOD	PY	WK				
26.21	30.37		Sericitization	bd	WK	SERI	MOD						
			Sericitization	pv	WK	SERI	MOD						
30.37	30.85		Sericitization	bd	WK	SERI	MOD						
			Sericitization	pv	WK	SERI	MOD						
31.28	36.95		Sericitization	pv	WK	SERI	MOD						
			Sericitization	bd	WK	SERI	MOD						
36.95	46.52		Sericitization	pv	WK	SERI	STG	PY	WK				
			Sericitization	bd	WK	SERI	STG						
46.52	46.96		Sericitization	pv	MOD	SERI	STG	PY	WK				
			Sericitization	bd	MOD	SERI	STG	PY	WK				
46.96	49.54		Pyritic	diss	WK	PY	WK	SERI	MOD				
49.71	52.96		Pyritic	diss	WK	PY	WK						
			Pyritic	pat	WK	PY	WK						
52.96	58.60		Sericitization	bd	WK	SERI	MOD	PY	WK				
			Sericitization	pv	WK	SERI	MOD	PY	WK				
58.60	59.67		Sericitization	pv	WK	SERI	MOD	QZ	STG	QZ	STG	SP/GN	
59.67	71.55		Sericitization	pv	WK	SERI	MOD	CBS	MOD	PY	TR		
71.96	83.14		Sericitization	pv	WK	SERI	MOD	PY	TR				
			Sericitization	mot	WK	SERI	MOD	PY	TR				
83.14	86.44		Sericitization	pv	WK	SERI	MOD	PY	WK				
86.44	87.08		Sericitization	pv	WK	SERI	MOD	CL	MOD	PY	WK		
87.08	93.17		Sericitization	bd	WK	SERI	MOD	PY	TR				
			Sericitization	pv	WK	SERI	MOD	PY	TR				
93.17	93.21		Sericitization	pv	MOD	SERI	STG	CL	STG				
93.21	95.40		Sericitization	pv	WK	SERI	MOD	PY	TR				
95.40	95.50		Sericitization	pv	MOD	SERI	STG	CL	STG				
95.50	95.99		Sericitization	pv	WK	SERI	MOD	PY	TR				
95.99	96.00		Sericitization	pv	MOD	SERI	STG	CL	STG				
96.00	98.50		Sericitization	pv	WK	SERI	MOD	PY	TR				
98.50	100.10		Sericitization	pv	WK	SERI	MOD	CL	MOD	PY	TR		

100.10	100.21	Sericitization	pv	MOD	SERI	STG	CL	STG	PY	WK		
100.21	104.50	Sericitization	pv	MOD	SERI	STG	CL	WK	PY	TR		
104.50	118.83	Chloritization	pv	WK	CL	STG	SERI	WK	PY	TR		
		Chloritization	frag	WK	PY	TR						
118.83	120.70	Chloritization	pv	WK	CL	MOD	SERI	WK	PY	WK		
120.70	122.58	Sericitization	pv	WK	SERI	STG	PY	WK				
122.58	128.31	Sericitization	pv	WK	SERI	STG	PY	MOD				
128.31	130.90	Sericitization	pv	MOD	SERI	STG	PY	TR				
		Sericitization	bd	MOD	SERI	STG	PY	TR				
130.90	133.00	Sericitization	pv	MOD	SERI	STG	CBS	MOD	PY	TR		
		Sericitization	bd	MOD	SERI	STG						
133.00	134.47	Sericitization	pv	WK	SERI	MOD	PY	WK				
134.47	141.53	Sericitization	pv	WK	SERI	MOD	PY	TR				
141.53	147.28	Carbonatization	pv	WK	CARB	MOD	PY	TR				
		Carbonatization	pat	WK	CARB	MOD						
147.50	148.84	Sericitization	pv	MOD	SERI	STG	PY	TR				
148.84	148.93	Chloritization	pv	WK	CL	STG	SERI	MOD	PY	WK		
148.93	151.20	Sericitization	pv	WK	SERI	MOD	PY	MOD				
151.20	154.60	Sericitization	pv	MOD	SERI	STG	PY	STG				
154.60	155.18	Silicic/Silicification	pv	MOD	QZ	STG	SERI	STG	PY	MOD		
		Silicic/Silicification	bd	MOD	PY	MOD						
155.18	160.34	Sericitization	pv	MOD	SERI	STG	QZ	MOD	QZ	MOD	PY	
160.34	161.20	Pyritic	bd	STG	PY	STG	SERI	STG	GN	TR		
		Pyritic	diss	STG	PY	STG	SP	TR				
161.20	163.20	Sericitization	pv	MOD	SERI	STG	PY	MOD			QZ/QZ	
163.20	169.74	Sericitization	pv	MOD	SERI	STG	PY	WK				
		Sericitization	bd	MOD	SERI	STG	PY	WK				
169.74	171.40	Pyritic	diss	WK	PY	WK	SERI	MOD				
		Pyritic	pat	WK	PY	WK						
		Pyritic	bd	WK	PY	WK						
171.40	171.95	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
171.95	174.65	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
174.65	176.52	Sulphidic	diss	WK	PY	MOD						
		Sulphidic	pat	WK	PY	MOD						
		Sulphidic	bd	WK	PY	MOD						
176.52	182.02	Silicic/Silicification	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Sericitization	bd	MOD	QZ	STG	PY	MOD				
182.02	209.00	Silicic/Silicification	pv	WK	SERI	STG	QZ	STG	PY	WK		
		Sericitization	pv	WK	PY	WK						
209.00	225.00	Silicic/Silicification	pv	WK	SERI	STG	QZ	STG	PY	TR		
		Sericitization	pv	WK	PY	TR						
225.00	229.25	Silicic/Silicification	pv	WK	SERI	STG	QZ	STG	PY	TR	SP/GH	
		Sericitization	pv	WK	PY	TR						
229.25	232.94	Pyritic	diss	WK	PY	WK	GR	MOD	SP	TR		
		Pyritic	pat	WK	PY	WK	SP	TR				
		Pyritic	bd	WK	PY	WK						
232.94	241.77	Pyritic	diss	WK	PY	WK	GR	MOD				
		Pyritic	pat	WK	PY	WK						
		Pyritic	bd	WK	PY	WK						
241.77	254.20	Pyritic	diss	WK	PY	WK	GR	MOD				
		Pyritic	pat	WK	PY	WK						
		Pyritic	bd	WK	PY	WK						

254.20	257.00	Pyritic	diss	WK	PY	WK	GR	MOD				
		Pyritic	pat	WK	PY	WK						
		Pyritic	bd	WK	PY	WK						
257.00	258.00	Pyritic	diss	WK	PY	MOD	GR	MOD				
		Pyritic	pat	WK	PY	MOD						
		Pyritic	bd	WK	PY	MOD						
258.00	260.12	Pyritic	diss	WK	PY	WK	GR	MOD	CARB	WK		
		Pyritic	pat	WK	PY	WK						
		Pyritic	bd	WK	PY	WK						
260.12	261.10	Sericitiziation	pv	MOD	SERI	STG	PY	WK				
261.10	270.42	Sericitiziation	pv	MOD	SERI	STG	PY	TR	QZ	WK		
270.42	286.75	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PVN	WK		
		Silicic/Silicification	pv	MOD	QZ	MOD	PY	WK				
286.75	290.20	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Sericitiziation	pat	MOD	QZ	MOD	PY	WK				
290.20	291.84	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	TR		
		Sericitiziation	pat	MOD	QZ	MOD	QZ	MOD	PY	TR		
291.84	292.30	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Sericitiziation	pat	MOD	SERI	STG	PY	WK				
292.30	294.45	Sericitiziation	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Silicic/Silicification	pat	MOD	SERI	STG	PY	MOD				
294.75	299.75	Sericitiziation	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Silicic/Silicification	pv	MOD	SERI	STG	PY	MOD				
299.75	303.00	Sericitiziation	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Silicic/Silicification	pat	MOD	SERI	STG	PY	MOD				
303.00	312.50	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Silicic/Silicification	pv	MOD	QZ	MOD	PY	WK				
312.50	320.40	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Silicic/Silicification	pv	MOD	SERI	STG	PY	WK				
320.40	331.00	Silicic/Silicification	pv	MOD	SERI	STG	QZ	STG	PY	WK		
		Sericitiziation	pv	MOD	PY	WK						
331.00	350.00	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Silicic/Silicification	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
350.00	361.00	Sericitiziation	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Silicic/Silicification	pv	MOD	SERI	STG	QZ	STG	QZ	STG	PY	
361.00	377.65	Sericitiziation	pv	MOD	SERI	STG	QZ	STG	PY	WK		
		Silicic/Silicification	pv	MOD	PY	WK						

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
2.82	9.50		QZ/CARB	Folded	WK	2	
9.50	13.50		QZ/CARB	Folded	WK	2	
			PY/GN/QZ	Irregular/deformed/segmented	MOD	5	
16.80	18.80		QZ/CARB	Planar Veins	STG	10	
			QZ/CARB/PY	Planar Veins	UNK	1	
29.80	32.50		QZ/CARB	Cockade	UNK	60	
			QZ/CARB	Folded	UNK	4	
32.50	36.00		QZ/CARB/PY	Planar Veins	UNK	2	
			QZ/CARB	Folded	UNK	1	
36.00	45.00		QZ	Planar Veins	UNK	0	
			QZ	Folded	UNK	1	
45.00	46.00		QZ/CARB	Planar Veins	UNK	15	
			QZ/CARB	Planar Veins	UNK	1	

46.00	58.00	QZ	Planar Veins	UNK	5	
		QZ/PY	Planar Veins	UNK	1	
58.00	64.20	QZ/CARB/CL/PY	Fault-related veins	UNK	16	
		QZ/CARB	Planar Veins	UNK	2	
64.20	69.00	QZ/CARB	Irregular/deformed/segmented	UNK	1	
69.00	72.85	QZ/CARB	Fault-related veins	UNK	8	
		QZ/CARB	Irregular/deformed/segmented	UNK	1	
72.85	80.50	CARB/QZ	Irregular/deformed/segmented	UNK	1	
80.50	82.00	QZ	Cockade	UNK	5	
		QZ	Fault-related veins	UNK	1	
82.00	88.70	CARB/QZ	Irregular/deformed/segmented	UNK	1	
88.70	93.00	CARB/QZ	Irregular/deformed/segmented	UNK	1	
		CARB/QZ/PY	Folded	UNK	2	
93.00	100.00	CARB/QZ	Irregular/deformed/segmented	UNK	1	
100.00	114.00	CARB/QZ	Fault-related veins	WK	10	
		CARB/QZ	Irregular/deformed/segmented	WK	1	
114.00	125.00	CARB/QZ	Irregular/deformed/segmented	WK	1	
		PY/CARB	Irregular/deformed/segmented	WK	5	
125.00	134.50	CARB/QZ	Irregular/deformed/segmented	WK	2	
		QZ	Planar Veins	WK	0	
134.50	146.00	CARB/QZ	Fault-related veins	UNK	7	
		CARB/QZ	Planar Veins	UNK	0	
146.00	152.00	QZ/CARB	Fault-related veins	UNK	8	
		QZ/CARB/CL	Massive Veins	UNK	80	
154.00	159.00	QZ/CARB	Irregular/deformed/segmented	UNK	5	
		QZ	Planar Veins	UNK	2	
159.00	162.50	QZ	Planar Veins	UNK	2	sphalerite and galena
		SP/PY/GN	Planar Veins	UNK	8	
162.50	168.05	CARB/QZ	Planar Veins	UNK	2	
		QZ	Irregular/deformed/segmented	UNK	1	
168.05	170.70	CARB	Planar Veins	UNK	0	
		QZ	Irregular/deformed/segmented	UNK	1	
170.70	173.60	CARB/QZ	Folded	UNK	2	
		PY/QZ	Irregular/deformed/segmented	UNK	0	
173.60	176.47	PY/QZ	Irregular/deformed/segmented	UNK	0	
176.47	179.00	PY	Planar Veins	UNK	5	
		QZ	Planar Veins	UNK	5	
179.00	181.90	QZ	Planar Veins	UNK	2	
181.90	184.30	PY/CARB	Planar Veins	UNK	1	
		CL	Planar Veins	UNK	0	
184.30	190.00	CARB/QZ	Irregular/deformed/segmented	UNK	1	
		PY/CARB	Irregular/deformed/segmented	UNK	5	
190.00	201.00	PY	Planar Veins	UNK	9	
		PY/CL	Irregular/deformed/segmented	UNK	1	
		QZ/CARB	Planar Veins	UNK	0	
201.00	224.50	QZ/CARB	Planar Veins	UNK	0	
		CL	Irregular/deformed/segmented	UNK	0	
224.50	229.00	CARB/QZ	Folded	UNK	5	
		PY/CL	Planar Veins	UNK	0	
229.00	248.00	QZ/CARB	Fault-related veins	UNK	20	
		QZ	Folded	UNK	0	
248.00	250.00	PY/SP/QZ	Irregular/deformed/segmented	UNK	3	
250.00	260.10	PY/QZ/CARB	Irregular/deformed/segmented	UNK	0	
		QZ	Folded	UNK	0	

260.10	270.30	CARB/QZ	Irregular/deformed/segmented	UNK	0	
		CL	Stylolitic	WK	0	
270.30	281.00	PY/SP/CL	Irregular/deformed/segmented	UNK	4	
		CL	Stylolitic	UNK	0	
281.00	286.00	CL/PY	Stylolitic	UNK	0	dark chlorite
		PY/CL	Planar Veins	UNK	8	
286.00	290.00	PY/CL	Stylolitic	UNK	1	
		QZ/CARB	Planar Veins	UNK	2	
290.00	296.00	CL/PY	Stylolitic	UNK	0	
		PY	Planar Veins	UNK	6	
296.00	301.50	CL/PY	Stylolitic	UNK	0	
		PY/CL	Planar Veins	UNK	4	
301.50	310.90	PY/CL	Irregular/deformed/segmented	UNK	1	stylolitic, dark chlorite
		PY	Planar Veins	UNK	8	
310.90	324.20	PY/CL	Planar Veins	UNK	6	
		PY/CL	Stylolitic	UNK	0	
324.20	327.00	CL/PY	Stylolitic	UNK	0	
327.00	333.80	PY/CL	Planar Veins	UNK	2	
		PY/SP	Planar Veins	UNK	1	
333.80	338.60	PY/CL/GN/SP	Irregular/deformed/segmented	UNK	3	
		PY/CL	Stylolitic	UNK	0	
338.60	350.00	PY/GN/CL	Planar Veins	UNK	6	
		QZ	Irregular/deformed/segmented	UNK	6	
350.00	362.00	PY/GN/SP/CARB	Planar Veins	UNK	5	
		PY/CL	Irregular/deformed/segmented	UNK	1	
362.00	373.50	PY/GN	Irregular/deformed/segmented	UNK	8	lead rich veins
		QZ	Irregular/deformed/segmented	UNK	10	
373.50	377.65	PY/GN	Planar Veins	UNK	15	
		PY/CL	Irregular/deformed/segmented	UNK	2	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
17.10	17.20		bedding / bedded		sandy bed
18.00	18.60		undivided foliation-cleavage	WK	liken primary layers
			bedding / bedded	MOD	
20.16	20.69		fault gouge / clay/ pug	MOD	gouge and cataclasite
23.47	24.45		fault gouge / clay/ pug	WK	
			fault lineations e.g:slickensides/ slickenlines/	WK	
25.90	26.10		fault	MOD	
26.10	26.20		bedding / bedded	MOD	
30.20	30.30		fault lineations e.g:slickensides/ slickenlines/	MOD	z directions
			fault	MOD	
36.00	36.85		fault gouge / clay/ pug	MOD	
39.20	40.00		fault gouge / clay/ pug	WK	
			fault lineations e.g:slickensides/ slickenlines/		
40.70	41.10		fault gouge / clay/ pug	WK	
46.60	46.70		fault lineations e.g:slickensides/ slickenlines/		
			fault	WK	
52.40	52.60		undivided foliation-cleavage	WK	
58.20	58.80		undivided foliation-cleavage	WK	
61.20	61.30		bedding / bedded	WK	
63.40	64.30		bedding / bedded	MOD	
80.50	80.60		bedding / bedded	WK	possible primary layering
94.75	97.80		fault lineations e.g:slickensides/ slickenlines/	WK	

122.75	122.90	bedding / bedded		
128.20	139.50	bedding / bedded		layering sub-parallel
		undivided foliation-cleavage		
140.25	140.35	fault gouge / clay/ pug		1 cm pug/gouge zone, black
143.00	146.30	bedding / bedded		S1 and primary layerings are sub-parallel
		undivided foliation-cleavage		
146.75	147.10	folded lithologies		folded SO/S1
147.30	147.40	fault gouge / clay/ pug		gouge
147.50	149.00	folded lithologies		
		bedding / bedded		
		undivided foliation-cleavage		
153.65	153.76	fault gouge / clay/ pug	MOD	two thin gouge zones 1cm each
154.58	154.62	fault gouge / clay/ pug	MOD	
160.92	161.03	fault gouge / clay/ pug	MOD	10cm gouge zone
162.00	167.30	undivided foliation-cleavage	WK	primary layering and S1 sub-parallel
		bedding / bedded		
167.40	167.70	fault	WK	30cm sheared gouge zone
		fault gouge / clay/ pug	WK	
170.70	170.73	fault gouge / clay/ pug	WK	2cm gouge
173.50	173.60	fault lineations e.g:slickensides/ slickenlines/	WK	
174.00	174.65	fracture zone	WK	broken core
176.60	176.70	fault lineations e.g:slickensides/ slickenlines/	WK	gouge and sulphides
176.70	178.70	bedding / bedded	WK	
178.70	178.80	fault lineations e.g:slickensides/ slickenlines/	WK	
182.85	182.95	shear/ shear zone	MOD	graphitic with gouge
		fault	MOD	
187.34	187.85	shear/ shear zone	WK	healed
191.40	191.72	shear/ shear zone	MOD	veins, black, chlorite?
196.25	196.40	fault lineations e.g:slickensides/ slickenlines/	WK	
201.70	201.72	shear/ shear zone	WK	with veining
202.45	202.48	shear/ shear zone	WK	
206.96	207.20	fault lineations e.g:slickensides/ slickenlines/	WK	with vein
217.20	217.50	fault	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
229.20	229.80	fault gouge / clay/ pug	UNK	
		fault lineations e.g:slickensides/ slickenlines/		
234.80	235.00	fault lineations e.g:slickensides/ slickenlines/	WK	
235.80	235.90	fault lineations e.g:slickensides/ slickenlines/	WK	
237.60	237.70	fault gouge / clay/ pug	WK	
239.30	239.50	fault gouge / clay/ pug	WK	
		cataclastic	WK	
241.70	241.80	shear/ shear zone	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
243.70	243.80	fault	WK	
		shear/ shear zone	WK	
244.10	244.20	shear/ shear zone	WK	
		fault gouge / clay/ pug	WK	
245.10	245.20	cataclastic	WK	1cm cataclastic/gouge
246.26	246.36	cataclastic	WK	
249.30	250.00	fault gouge / clay/ pug	MOD	
251.60	251.90	fault lineations e.g:slickensides/ slickenlines/	WK	
253.55	254.20	fault lineations e.g:slickensides/ slickenlines/	MOD	
255.30	255.70	fault lineations e.g:slickensides/ slickenlines/	MOD	
260.00	260.10	fault gouge / clay/ pug	WK	

260.22	260.52	fault lineations e.g:slickensides/ slickenlines/ fault	WK	
267.10	267.15	fault lineations e.g:slickensides/ slickenlines/	WK	
270.40	270.80	fault gouge / clay/ pug	MOD	
270.80	273.00	fault	MOD	
273.00	273.10	shear/ shear zone	WK	graphitic
291.20	292.00	fault lineations e.g:slickensides/ slickenlines/	MOD	
		shear/ shear zone	WK	
294.20	294.80	fault	MOD	
		shear/ shear zone	WK	
299.77	300.20	fault gouge / clay/ pug		
301.82	302.00	shear/ shear zone		with sulphides
358.44	358.75	fault	MOD	
361.80	361.90	fracture zone	WK	fractured core
375.12	375.27	fault	WK	

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Be ppm	Hg ppb	Sb ppm	Mn ppm
9.50	10.50	176401	CORE_UN	0.02		20		-1	-3	50	4	178		-3	1823
10.50	10.72	176402	CORE_UN	0.36		360		10	2749	2468	113	72		-3	3498
10.72	11.72	176403	CORE_UN	0.41		410		3	457	607	94	66		-3	1843
11.72	12.72	176404	CORE_UN	0.12		120		4	729	1152	72	89		-3	2024
14.25	15.25	176405	CORE_UN	0.12		120		1	140	207	54	115		-3	1994
15.25	15.55	176406	CORE_UN	0.27		270		1	4559	492	94	74		3	3670
15.55	16.55	176407	CORE_UN	0.27		270		2	237	149	99	54		-3	1116
16.55	17.55	176408	CORE_UN	0.24		240		2	202	66	77	92		-3	1111
17.55	18.55	176409	CORE_UN	0.09		90		2	138	61	31	114		-3	2275
58.60	59.67	176410	CORE_UN	0.02		20		4	1469	346	11	116		-3	559
71.55	71.96	176411	CORE_UN	-0.01		-10		2	-3	17	7	171		-3	667
122.58	123.58	176412	CORE_UN	0.04		40		13	752	106	100	133		-3	978
130.67	132.10	176413	CORE_UN	-0.01		-10		5	10	66	14	288		-3	578
134.47	135.47	176414	CORE_UN	0.01		10		16	5	83	13	485		-3	548
135.47	136.52	176415	CORE_UN	0.02		20		12	26	47	31	170		3	442
136.52	137.47	176416	CORE_UN	0.01		10		9	9	78	19	201		-3	654
137.47	138.33	176417	CORE_UN	-0.01		-10		22	-3	100	16	150		-3	890
138.33	139.33	176418	CORE_UN	0.02		20		5	9	161	25	166		3	774
139.33	140.33	176419	CORE_UN	0.05		50		16	32	84	60	67		8	553
140.33	141.10	176420	CORE_UN	0.07		70		12	26	105	56	84		7	617
141.10	141.56	176421	CORE_UN	0.05		50		26	16	174	63	125		3	973
141.56	142.56	176422	CORE_UN	0.04		40		22	20	89	44	64		10	520
142.56	143.56	176423	CORE_UN	0.02		20		25	10	100	44	29		10	774

143.56	144.56	176424	CORE_UN	0.02	20		22	3	91	32	54	8	925
144.56	145.56	176425	CORE_UN	0.01	10		24	11	86	35	59	11	552
145.56	146.40	176426	CORE_UN	-0.01	-10		28	14	81	32	75	10	855
146.40	147.20	176427	CORE_UN	0.02	20		27	28	73	30	121	11	1065
147.20	147.70	176428	CORE_UN	0.03	30		10	20	78	49	110	-3	1837
147.70	148.70	176429	CORE_UN	0.01	10		6	-3	42	24	158	-3	430
148.70	149.70	176430	CORE_UN	0.04	40		31	35	76	105	153	4	901
149.70	150.70	176431	CORE_UN	0.12	120		200	194	127	182	121	5	422
150.70	151.70	176432	CORE_UN	0.46	460		67	795	837	513	59	8	550
151.70	152.70	176433	CORE_UN	0.25	250		38	281	317	325	55	6	135
152.70	153.65	176434	CORE_UN	0.47	470		73	2229	4202	271	50	7	147
153.65	154.65	176435	CORE_UN	0.96	960		106	1412	3684	1286	31	8	132
154.65	155.65	176436	CORE_UN	0.58	580		217	3481	6369	2558	60	13	150
155.65	156.65	176437	CORE_UN	1.11	1110		362	1982	3048	659	51	19	102
156.65	157.65	176438	CORE_UN	0.61	610		17	225	204	1298	75	6	89
157.65	158.65	176439	CORE_UN	0.38	380		51	437	445	2227	47	8	83
158.65	159.65	176440	CORE_UN	1.25	1250		365	14853	7547	1337	38	30	288
159.65	160.62	176441	CORE_UN	0.65	650		526	14488	3981	1444	43	28	114
160.62	161.15	176442	CORE_UN	3.12	3120		2677	17323	42983	1945	13	47	134
161.15	162.15	176443	CORE_UN	0.35	350		26	498	225	436	53	4	126
162.15	163.20	176444	CORE_UN	0.16	160		69	75	97	165	114	3	638
166.81	167.81	176445	CORE_UN	0.02	20		55	12	59	41	140	3	919
167.81	168.51	176446	CORE_UN	0.07	70		88	45	84	73	81	6	1634
168.51	169.54	176447	CORE_UN	0.08	80		20	49	34	75	93	6	758
169.54	170.71	176448	CORE_UN	0.1	100		38	577	205	121	63	7	1290
170.71	171.90	176449	CORE_UN	0.15	150		37	2378	1696	174	35	12	258
171.90	172.98	176450	CORE_UN	0.17	170		14	67	10	189	38	6	90
172.98	173.98	176451	CORE_UN	0.22	220		25	92	10	204	30	15	95
173.98	174.98	176452	CORE_UN	0.16	160		20	73	6	134	49	14	97
174.98	175.80	176453	CORE_UN	0.22	220		16	68	17	233	48	10	55
175.80	176.52	176454	CORE_UN	0.13	130		16	969	988	127	76	6	26
176.52	177.52	176455	CORE_UN	0.39	390		11	38	6	284	49	5	38
177.52	178.52	176456	CORE_UN	0.36	360		8	27	13	287	62	8	58
178.52	179.53	176457	CORE_UN	0.44	440		8	24	13	342	26	9	40
179.53	180.53	176458	CORE_UN	0.19	190		5	15	8	156	56	3	32
180.53	182.50	134170	CORE_HALF	0.2039	203.9	1466	24.01	90.12	175	367.3	17.5	306	5.59	92
182.50	184.50	134171	CORE_HALF	0.1461	146.1	1072	16.78	101.82	203.2	115.4	36	117	3.04	1385
184.50	186.50	134172	CORE_HALF	0.1849	184.9	758	26.98	23.03	524.8	132.7	34.9	189	1.76	847
186.50	188.50	134173	CORE_HALF	0.0739	73.9	517	12.93	34.66	96	61.7	49	47	1.4	1186
188.50	189.80	134174	CORE_HALF	0.1279	127.9	1035	27.87	255.8	232.9	112.5	44.2	124	1.91	814
189.80	191.30	134175	CORE_HALF	0.1057	105.7	703	17.92	20.82	48.2	104.9	44	44	1.56	1925
191.38	192.38	176459	CORE_UN	3.79	3790		62	323	193	13888	66	72	2693
192.38	193.38	176460	CORE_UN	0.15	150		7	14	42	210	73	7	493

193.38	195.50	134176	CORE_HALF	0.2243	224.3	848	7.77	16.34	29.4	215.2	22.1	97	2.8	661
195.50	197.50	134177	CORE_HALF	0.1095	109.5	750	15.21	15.82	204.7	148.7	28.7	135	4.18	818
197.50	199.50	134178	CORE_HALF	0.2885	288.5	1410	49.11	35.67	413.7	161.4	29.4	199	2.66	1395
199.50	201.50	134179	CORE_HALF	0.0899	89.9	658	5.82	265.04	318.2	68.8	41.6	159	1.47	1604
201.50	203.91	134180	CORE_HALF	0.115	115	867	38.43	152.75	760.1	87.9	45	248	1.56	1194
203.91	204.91	176461	CORE_UN	0.14	140		4	21	61	112	91		-3	1553
204.91	207.58	134181	CORE_HALF	0.1165	116.5	989	14.72	170.51	257.4	94.7	47	105	1.87	1758
207.58	209.00	134182	CORE_HALF	0.1486	148.6	886	11.98	39.03	65.4	318	29.6	84	2.76	1325
209.00	211.00	134183	CORE_HALF	0.2025	202.5	601	17.47	15.05	58.4	338.1	48.6	63	2.1	1203
211.00	213.38	134184	CORE_HALF	0.1423	142.3	731	19.78	21.24	51.1	150.9	35.6	71	2.09	1290
213.38	214.75	134185	CORE_HALF	0.0698	69.8	446	14.09	20.77	29.1	83.4	56.2	17	1.53	1103
214.75	216.10	134186	CORE_HALF	0.0748	74.8	534	7.03	139.74	116.2	78.1	53.4	47	1.06	1332
216.10	217.10	176462	CORE_UN	0.12	120		32	282	301	273	76		4	1449
217.10	219.15	134187	CORE_HALF	0.0814	81.4	1257	19.7	309.24	323.7	91.6	49.8	143	2.02	1439
219.15	221.00	134188	CORE_HALF	0.0726	72.6	913	15.13	328.78	427.4	85	52	167	1.73	1545
221.00	223.00	134189	CORE_HALF	0.0812	81.2	1781	54.66	587.68	1018.5	78.8	61.2	320	2.71	1587
223.00	225.00	134190	CORE_HALF	0.1052	105.2	262	9.02	19.53	78.9	81.4	83.9	25	2.07	1621
225.00	226.50	134191	CORE_HALF	0.074	74	1451	29.39	547.79	906.1	110.6	42.7	313	2.89	1564
226.50	228.00	134192	CORE_HALF	0.042	42	2827	131.58	1120.4	2075.2	58.1	72.7	653	2.94	943
228.00	229.20	176463	CORE_UN	0.09	90		81	875	1711	121	58		5	583
229.20	229.82	176464	CORE_UN	0.09	90		20	104	94	92	110		7	2296
229.82	231.25	176465	CORE_UN	0.12	120		18	54	62	88	38		8	711
231.25	232.50	176466	CORE_UN	0.09	90		15	94	277	119	64		6	801
232.50	233.75	176467	CORE_UN	0.13	130		20	203	282	74	72		7	2323
233.75	235.00	176468	CORE_UN	0.14	140		30	283	384	104	49		9	1909
235.00	236.00	176469	CORE_UN	0.14	140		17	94	77	111	42		9	1597
236.00	237.00	176470	CORE_UN	0.11	110		15	107	115	78	89		9	1122
237.00	238.00	176471	CORE_UN	0.11	110		14	316	842	122	72		5	957
238.00	239.00	176472	CORE_UN	0.13	130		13	212	351	175	58		4	1626
239.00	240.00	176473	CORE_UN	0.1	100		75	681	435	93	53		17	1984
240.00	241.00	176474	CORE_UN	0.16	160		29	465	546	123	49		9	1601
241.00	242.00	176475	CORE_UN	0.1	100		10	59	49	90	98		7	796
242.00	243.00	176476	CORE_UN	0.14	140		11	42	23	123	51		5	575
243.00	244.00	176477	CORE_UN	0.2	200		32	525	701	239	33		8	971
244.00	245.00	176478	CORE_UN	0.1	100		11	106	113	103	117		4	897
245.00	246.00	176479	CORE_UN	0.11	110		34	777	1369	177	22		4	1070
246.00	247.00	176480	CORE_UN	0.07	70		11	104	43	75	65		5	552
247.00	248.00	176481	CORE_UN	0.06	60		12	93	109	66	88		6	546
248.00	249.00	176482	CORE_UN	0.17	170		133	818	1675	122	33		12	800
249.00	250.00	176483	CORE_UN	0.2	200		118	1067	1083	106	41		18	689
250.00	251.00	176484	CORE_UN	0.24	240		39	198	162	94	37		14	1604
251.00	252.00	176485	CORE_UN	0.15	150		46	303	253	58	60		12	3533
252.00	253.00	176486	CORE_UN	0.19	190		43	119	225	129	41		12	638

253.00	254.00	176487	CORE_UN	0.1	100		49	415	417	189	28		7	1220
254.00	255.00	176488	CORE_UN	0.14	140		63	112	125	151	37		14	726
255.00	256.00	176489	CORE_UN	0.14	140		66	210	455	177	27		17	906
256.00	257.00	176490	CORE_UN	0.19	190		64	227	601	153	30		19	492
257.00	258.00	176491	CORE_UN	0.19	190		45	455	546	123	28		16	559
258.00	259.00	176492	CORE_UN	0.13	130		25	132	114	283	36		11	804
259.00	260.04	176493	CORE_UN	0.08	80		10	88	134	116	41		3	1530
260.04	262.00	176494	CORE_UN	0.02	20		14	64	120	34	118		-3	1490
262.00	264.00	176495	CORE_UN	0.02	20		27	57	75	23	101		-3	893
264.00	266.00	134193	CORE_HALF	0.0172	17.2	451	35.98	63.28	88.6	30.1	100.6	46	1.05	729
266.00	268.00	134194	CORE_HALF	0.0136	13.6	400	15.81	11.75	45.4	27.9	88.7	28	0.9	388
268.00	270.00	134195	CORE_HALF	0.0668	66.8	573	18.55	50.24	97.4	74.1	43.4	64	1.92	151
270.00	272.00	134196	CORE_HALF	0.0446	44.6	1748	93.15	391.49	707.8	53.1	46.7	273	2.81	147
272.00	275.31	134197	CORE_HALF	0.1074	107.4	3156	162.44	494.36	1108.3	91.4	30.4	495	3.35	231
274.31		176496	CORE_UN	0.12	120		181	1566	1843	78	58		7	214
275.31	277.50	134198	CORE_HALF	0.1377	137.7	1991	76.99	392.61	608.3	157.9	36.8	250	7.33	87
277.50	279.50	134199	CORE_HALF	0.087	87	3388	139.04	557.14	872.1	124.1	34.2	238	5.06	77
279.50	281.50	134200	CORE_HALF	0.1372	137.2	1673	39.47	296.1	444.9	131.2	33.1	116	2.77	54
281.50	283.50	134201	CORE_HALF	0.1313	131.3	1294	28.92	95.26	143.6	158.3	43.4	62	3.54	75
283.50	285.50	134202	CORE_HALF	1.47	1.471082.2	5821	175.47	830.05	1395.7	227.8	26.2	370	7.53	65
285.50	288.20	134203	CORE_HALF	0.1701	170.1	3754	76.75	525.84	832.3	140.2	29.8	206	5.58	103
288.20	290.20	176497	CORE_UN	0.47	470		61	461	570	224	41		9	74
290.20	291.92	176498	CORE_UN	0.17	170		58	492	656	112	69		3	99
291.92	293.30	176499	CORE_UN	0.18	180		56	380	808	404	33		19	207
293.30	294.45	176500	CORE_UN	0.16	160		38	249	462	536	39		18	82
294.45	294.75	176651	CORE_UN	0.07	70		7	41	47	161	50		7	138
294.75	296.50	176652	CORE_UN	0.17	170		19	341	398	448	36		14	30
296.50	298.40	134204	CORE_HALF	0.2206	220.6	1944	56.76	196.31	103.7	436.2	23.4	221	9.68	37
298.40	299.77	176653	CORE_UN	0.88	880		19	341	1555	4039	20		44	68
299.77	300.21	176654	CORE_UN	0.24	240		13	105	151	283	29		7	113
300.21	301.50	176655	CORE_UN	0.94	940		32	703	3191	4439	30		44	75
301.50	303.50	134205	CORE_HALF	0.1493	149.3	1893	53.15	143.6	178.4	314.6	30.2	132	7.24	35
303.50	305.50	134206	CORE_HALF	0.1398	139.8	1142	24.17	58.99	75.5	155.8	35.4	71	2.96	20
305.50	307.50	134207	CORE_HALF	0.1816	181.6	4300	91.92	523.27	893.2	338.5	25	315	7.8	47
307.50	310.85	134208	CORE_HALF	0.0974	97.4	1848	43.01	216.77	227.3	129.2	30.3	92	4.52	66
310.85	312.85	176656	CORE_UN	0.21	210		14	32	33	167	49		6	90
312.85	314.85	134209	CORE_HALF	0.1785	178.5	900	18.53	64.34	94.1	143.8	49.4	78	3.18	74
314.85	317.00	134210	CORE_HALF	0.0861	86.1	1513	45.99	234.36	558	67.4	50.3	141	3.79	70
317.00	319.00	134211	CORE_HALF	0.0993	99.3	1094	25.88	89.53	208.6	95.5	27.2	97	3.77	162
319.00	320.40	134212	CORE_HALF	0.0738	73.8	2312	52.11	390.77	845.1	178.5	39.7	211	5.09	59
320.40	321.80	134213	CORE_HALF	0.0523	52.3	1061	17.62	57.26	163.2	140.5	49.8	197	6.27	43
321.80	323.80	176657	CORE_UN	0.18	180		80	307	1071	176	68		9	62
323.80	325.80	134214	CORE_HALF	0.2914	291.4	1608	15.24	89.82	11.7	294.8	31.6	227	7.33	47

325.80	327.80	134215	CORE_HALF	0.57	0.57	712.8	1827	43.92	99.56	532.4	322.5	40.8	267	5.36	67
327.80	329.80	134216	CORE_HALF	0.2088		208.8	1494	8.75	29.51	63	326.3	31.7	191	7.3	71
329.80	331.80	134217	CORE_HALF	0.2093		209.3	4922	277.28	402.3	1948.9	341.1	49.1	357	8.14	37
331.80	333.30	134218	CORE_HALF	0.2693		269.3	1366	22.3	205.34	279.3	148.2	53	182	3.91	50
333.30	334.80	134219	CORE_HALF	0.19		190	729	12.99	80.32	101.1	141.1	53.6	81	2.37	59
334.80	336.80	176658	CORE_UN	0.3		300		1052	1893	9682	154	35		7	91
336.80	338.80	134220	CORE_HALF	0.1278		127.8	4610	597.15	439.76	3876.6	98.6	33.8	554	3.93	50
338.80	340.80	134221	CORE_HALF	0.3343		334.3	4190	329.74	220.16	1632.5	336.7	20.2	381	11.09	78
340.80	342.80	134222	CORE_HALF	0.2293		229.3	1260	22.43	48.64	37.2	243.2	28.9	50	6.62	53
342.80	344.80	134223	CORE_HALF	0.4039		403.9	1398	19.84	496.27	240.7	175.2	29.7	82	2.63	77
344.80	346.80	134224	CORE_HALF	0.2016		201.6	1463	80.15	119.68	450.4	221.6	28	112	6.06	54
346.80	348.38	134225	CORE_HALF	0.4853		485.3	1870	26.9	363.04	501.9	335.1	23.7	165	5.63	263
348.38	350.38	176659	CORE_UN	0.45		450		52	386	634	284	39		5	62
350.38	352.38	176660	CORE_UN	0.59		590		223	1503	4395	490	37		18	72
352.38	354.38	176661	CORE_UN	0.98		980		952	660	1979	519	28		44	42
354.38	356.38	176662	CORE_UN	0.19		190		159	1381	7579	167	44		8	41
356.38	358.38	176663	CORE_UN	0.65		650		1596	9061	7290	334	32		23	56
358.38	360.38	176664	CORE_UN	0.42		420		1364	9388	12663	261	45		19	78
360.38	362.38	176665	CORE_UN	0.3		300		985	7466	5980	191	49		17	43
362.38	363.43	134226	CORE_HALF	0.2547		254.7	8909	1026.6	1920.2	2413.1	348.2	32.3	617	16.63	38
363.66	365.66	134227	CORE_HALF	0.4548		454.8	5393	120.32	1560.7	8483.8	326	26.7	1627	11.44	63
365.66	367.69	134228	CORE_HALF	0.3577		357.7	5997	54.7	4025.3	3393.9	260.8	47.6	703	6.43	47
367.69	369.70	134229	CORE_HALF	0.4239		423.9	3613	102.98	1043.7	2194.7	256	24.9	748	7.46	35
369.70	371.70	134230	CORE_HALF	0.1917		191.7	3028	116.9	578.72	393.2	153.1	47.7	162	5.22	30
371.70	373.70	134231	CORE_HALF	0.2794		279.4	3237	48.03	1314.1	407.3	257.6	65.1	473	10.18	25
373.70	375.43	134232	CORE_HALF	0.374		374	3924	321.61	1243	2179	442.6	16.1	1728	30.74	31
375.43	377.39	134233	CORE_HALF	0.3235		323.5	2478	139.5	778.51	477.7	273	38.9	387	9.1	17

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_115

Header

Hole ID	02_115	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	398.07	m		*Date completed*	10/03/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	Global	16816.16	14585.71		m
UTM Grid	NAD83_9	408672.04	6274766.48	1160.42	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	295.5	Astronomic (	295.5	-59.8	Compass	
63.70	m	294.8	Astronomic (	294.8	-60.0	Camera	
124.70	m	295.8	Astronomic (	295.8	-58.5	Camera	
185.60	m	295.8	Astronomic (	295.8	-57.5	Camera	
246.60	m	298.8	Astronomic (	298.8	-56.5	Camera	
379.20	m	302.8	Astronomic (	302.8	-55.5	Camera	

Lithology

Logged by:

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	1.52		CASE			100	
1.52	8.27	M	VIOH			100	
8.27	9.00	M	YIOR			100	
9.00	17.30	M	VIOX			100	
17.30	22.00	M	YIOR			100	
22.00	26.56		VIOH			100	
26.56	27.22		VOOO			100	
27.22	27.60	M	VIOX			100	
27.60	28.85		VOOO			100	
28.85	29.72	M	VIOX			100	
29.72	30.38	M	YIOR			100	
30.38	32.31		ZOOO			100	
32.31	32.50	M	YIOR			100	
32.50	33.00		VIOX			100	
33.00	33.65	F	VIOO			100	
33.65	40.00	M	YIOL			100	

40.00	40.54		ZOOO	100
40.54	41.73	M	YIOR	100
41.73	43.25	M	YIOR	100
43.25	43.40		ZOOO	100
43.40	45.40	F	SICO	100
45.40	46.05		ZOOC	100
46.05	47.04	F	SICO	100
47.04	47.35		VOOO	100
47.35	47.85		ZOOO	100
47.85	51.35	F	SICO	100
51.35	52.05		ZOOO	100
52.05	54.60	F	SICO	100
54.60	54.80		ZOOO	100
54.80	55.65	F	SSVO	100
55.65	56.05	F	OOOO	100
56.05	56.80		ZOOO	100
56.80	58.18	F	SICO	100
58.18	58.29	F	SWVO	100
58.29	58.36	F	SICO	100
58.36	61.53	F	XSWC	100
61.53	62.13	F	SICO	100
62.13	77.55	M	YIOR	100
77.55	78.94	M	SGVO	100
78.94	79.56	F	SICO	100
79.56	79.62		ZOOO	100
79.62	80.28	F	SICO	100
80.28	80.35	M	SGVO	100
80.35	83.28	F	SWVO	100
83.28	83.41	F	XSAV	100
83.41	83.44	F	YCOA	100
83.44	86.54	M	YIOR	100
86.54	87.40		SGVO	100
87.40	91.00	M	VIOX	100
91.00	92.35	F	VOOF	100
92.35	103.45	M	VOOX	100
103.45	104.57	F	VOOX	100
104.57	112.39		VIOX	100
112.39	113.82	F	VOOF	100
113.82	114.50		ZOOO	100
114.50	115.25	F	VOOF	100
115.25	115.46		ZOOO	100
115.46	116.60	M	VIOX	100
116.60	119.68	F	VIOO	100
119.68	120.29		ZOOC	100
120.29	128.13	M	VIOX	100

128.13	129.35		ZOOO	100
129.35	132.68	M	VIOX	100
132.68	133.27		ZOOO	100
133.27	135.21	M	VIOX	100
135.21	136.20	M	VIOX	100
136.20	137.10	F	VIOO	100
137.10	138.45		VIOX	100
138.45	142.94	M	YFOR	100
142.94	146.60		VIOX	100
146.60	148.30	F	VIOO	100
148.30	148.90		ZOOO	100
148.90	183.50	F	VIOO	100
183.50	187.35	M	VIOX	100
187.35	193.25	F	VIOO	100
193.25	194.13		ZOOO	100
194.13	202.10	F	VIOO	100
202.10	207.60	M	VIOX	100
207.60	224.33	F	VIOO	100
224.33	225.95		VIOX	100
225.95	276.80	F	VIOO	100
276.80	277.37		ZOOO	100
277.37	338.75	F	VIOO	100
338.75	347.15		VIOX	100
347.15	355.30	F	VIOO	100
355.30	358.49	F	IOOO	100
358.49	367.00	M	VCOX	100
367.00	398.07	F	VIOO	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
1.52	17.30		Chloritization	pv	WK	CH	MOD	PY	TR	SERI	MOD		
17.30	26.65		Chloritization	pv	WK	CH	MOD	PY	WK	SERI	MOD		
26.65	28.85		Mineral Assemblage (un	bd	STG	QZ	INT	CH	MOD	PY	TR	CD	
28.85	29.72		Chloritization	pv	WK	CH	MOD	PY	WK	SERI	MOD		
29.72	30.38		Sericitization	pv	STG	SERI	STG						
30.38	32.31		Mineral Assemblage (un	pv	STG	CLAY	STG						
			Mineral Assemblage (un	bd	STG	CLAY	STG						
32.31	32.50		Sericitization	pv	STG	SERI	STG	PY	WK				
32.50	33.65		Mineral Assemblage (un	pv	WK	CH	STG	PY	WK			QZ	
33.65	40.00		Sericitization	pv	MOD	SERI	STG						
40.00	40.54		Mineral Assemblage (un	pv	STG	GR	STG	CLAY	STG				
			Mineral Assemblage (un	bd	STG	CLAY	STG						
40.54	41.73		Sericitization	pv	MOD	SERI	STG	PY					
			Sericitization	bd	MOD	SERI	STG	PY					
41.73	43.25		Sericitization	pv	MOD	SERI	STG	PY	WK				
43.25	43.40		Mineral Assemblage (un	bd	STG	CLAY	STG						
43.40	45.40		Mineral Assemblage (un	pv	WK	GR	STG	PY	WK				
			Mineral Assemblage (un	bd	WK	PY	WK						
45.40	46.05		Mineral Assemblage (un	pv	STG	CLAY	STG	GR	STG				

		Mineral Assemblage (un	bd	STG	CLAY	STG						
46.05	47.04	Mineral Assemblage (un	pv	WK	GR	STG	PY	WK				
47.04	47.85	Mineral Assemblage (un	pv	STG	CLAY	INT	GR	STG				
		Mineral Assemblage (un	bd	STG	CLAY	INT						
47.85	51.35	Mineral Assemblage (un	pv	WK	GR	STG	PY	WK				
51.35	52.05	Mineral Assemblage (un	pv	STG	CLAY	STG	CARB	STG	QZ	WK		
		Mineral Assemblage (un	bd	STG	CLAY	STG						
52.05	54.60	Mineral Assemblage (un	pv	WK	GR	STG	PY	TR				
54.60	54.80	Mineral Assemblage (un	bd	STG	CLAY	INT						
54.80	56.05	Sericitization	pv	WK	SERI	MOD	PY	TR				
		Mineral Assemblage (un	bd		BRT	MOD						
56.05	56.80	Mineral Assemblage (un	pv	STG	CLAY	STG	GR	STG	PY	WK		
		Mineral Assemblage (un	bd	STG	PY	WK						
56.80	61.53	Sericitization	pv	WK	SERI	MOD	PY	TR				
61.53	62.13	Mineral Assemblage (un	pv	WK	GR	STG	PY	TR				
62.13	77.55	Sericitization	pv	WK	SERI	MOD	PY	TR				
77.55	78.94	Mineral Assemblage (un	pv	WK	GR	MOD	PY	TR	SERI	MOD		
		Mineral Assemblage (un	gr	WK	GR	MOD	PY	TR				
78.94	80.28	Mineral Assemblage (un	pv	WK	GR	STG	PY	WK				
80.28	83.44	Mineral Assemblage (un	pv	WK	GR	MOD						
		Mineral Assemblage (un	gr	WK	GR	MOD						
83.44	91.00	Sericitization	pv	WK	SERI	MOD	PY	TR				
91.00	106.60	Sericitization	pv	MOD	SERI	STG	PY	TR				
106.60	112.35	Sericitization	pv	MOD	SERI	STG	PY	WK				
		Sulphidic	ff	MOD	PY	MOD	CARB	WK	GR	WK		
112.35	116.60	Sericitization	pv	MOD	SERI	STG						
116.60	123.10	Sericitization	pv	WK	SERI	MOD						
123.10	123.94	Sericitization	pv	MOD	SERI	STG	CARB	MOD	QZ	WK		
123.94	126.00	Sericitization	pv	WK	SERI	MOD	CARB	WK	PY	TR		
126.13	129.35	Sericitization	pv	MOD	SERI	STG	CARB	MOD	PY	TR		
129.35	132.68	Sericitization	pv	TR	SERI	WK						
132.68	133.27	Mineral Assemblage (un	bd	WK	CARB	WK	SERI	MOD	PY	TR		
133.27	135.21	Sericitization	pv	TR	SERI	WK	PY	TR	CARB	TR		
135.21	136.20	Sericitization	pv	WK	SERI	MOD	PY	TR	CARB	TR		
136.20	137.10	Sericitization	pv	WK	SERI	MOD	PY	TR	CARB	TR		
137.10	144.50	Sericitization	pv	WK	SERI	MOD	PY	TR	CARB	TR		
144.50	152.80	Sericitization	pv	MOD	SERI	STG	PY	TR	CARB	UNK		
152.80	155.60	Sericitization	pv	MOD	SERI	STG	PY	MOD	CARB	WK	QZ/SP/CN	
		Sericitization	bd	MOD	SERI	STG	PY	MOD	CARB	WK		
155.60	158.20	Sericitization	pv	WK	SERI	MOD	PY	WK				
158.20	170.00	Mineral Assemblage (un	pv	WK	SERI	MOD	PY	TR	CARB	WK		
170.00	190.50	Silicic/Silicification	pv	MOD	SERI	STG	QZ	STG	PY	MOD		
		Sericitization	pv	MOD	PY	MOD						
190.50	193.35	Sericitization	pv	WK	SERI	MOD	PY	MOD			QZ/QZ	
193.35	194.30	Mineral Assemblage (un	pv	STG	CLAY	INT	GR	STG	PY	WK		
		Mineral Assemblage (un	bd	STG	CLAY	INT	GR	STG	PY	WK		
194.30	202.10	Silicic/Silicification	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Sericitization	pv	MOD	PY	WK						
202.10	207.60	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	MOD	AMPH	
		Sericitization	ff	MOD	QZ	STG	PY	MOD				
207.60	222.82	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	WK	AMPH	
		Sericitization	ff	MOD	QZ	MOD	PY	WK				
222.82	224.00	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	WK		
224.00	225.95	Sericitization	pv	MOD	SERI	STG	PY	WK				

225.95	235.37	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK	
		Sericitiziation	pv	MOD	PY	WK					
235.37	243.00	Sulphidic	pat	WK	PY	WK	QZ	MOD	SERI	WK	
		Sulphidic	diss	WK	PY	WK	SERI	WK			
243.00	248.20	Silicic/Silicification	pv	MOD	QZ	MOD	PY	WK	SERI	WK	
		Silicic/Silicification	ff	MOD	PY	WK	SERI	WK			
248.20	253.34	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK	
		Sericitiziation	ff	MOD	PY	WK					
253.34	263.40	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	WK	PY	WK	KFS
		Silicic/Silicification	ff	MOD	QZ	MOD	SERI	WK	PY	WK	
263.40	285.08	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK	
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK			
285.08	292.04	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	MOD	
		Silicic/Silicification	ff	STG	QZ	STG	PY	MOD			
292.04	297.62	Silicic/Silicification	pv	WK	QZ	MOD	SERI	MOD	PY	WK	
		Sericitiziation	ff	WK	QZ	MOD	PY	WK			
297.62	300.90	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK	
		Sericitiziation	ff	MOD	QZ	STG	PY	WK			
300.90	311.50	Silicic/Silicification	pv	WK	QZ	MOD	SERI	WK	PY	WK	OR
		Silicic/Silicification	ff	WK	QZ	MOD	SERI	WK	PY	WK	
311.50	338.75	Sulphidic	diss	WK	PY	WK	CARB	MOD	QZ	MOD	
		Sulphidic	pat	WK	PY	WK					
		Sulphidic	ff	WK	PY	WK					
338.75	341.43	Sulphidic	diss	WK	PY	WK	CARB	MOD	QZ	MOD	
		Sulphidic	pat	WK	PY	WK					
		Sulphidic	ff	WK	PY	WK					
341.43	343.72	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	WK	OR
		Sericitiziation	hal	MOD	QZ	MOD	SERI	MOD	PY	WK	
343.72	348.00	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK	OR
		Sericitiziation	hal	MOD	QZ	STG	SERI		PY	WK	
348.00	354.25	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	MOD	OR
		Silicic/Silicification	ff	STG	QZ	STG	PY	MOD	OR	MOD	
354.25	356.00	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	QZ	MOD	PY
356.00	358.49	Silicic/Silicification	pv	STG	QZ	STG	SERI	STG	PY	WK	
		Sericitiziation	ff	STG	QZ	STG	PY	WK			
358.49	387.30	Silicic/Silicification	pv	MOD	QZ	STG	SERI	STG	PY	MOD	CL
		Sericitiziation	ff	MOD	QZ	STG	PY	MOD	CL	WK	
387.30	398.07	Silicic/Silicification	pv	MOD	QZ	STG	SERI	STG	PY	WK	
		Sericitiziation	ff	MOD	QZ	STG	PY	WK			

Veining

From	*To*	*m*	*Vein type*	*Style*	*Int.*	*Av. thick (mm)*	*Comments*
11.70	13.10		QZ/CARB	Planar Veins	TR	2	
26.50	29.40		QZ/CARB	Irregular/deformed/segmented	MOD	200	
29.50	39.50		QZ/CARB	Hairline	TR	2	
39.50	40.50		QZ	Irregular/deformed/segmented	TR	2	
40.50	43.25		QZ/CARB	Planar Veins	MOD	2	
			QZ/CARB	Tension Gashes	TR	1	
43.25	47.00		QZ/CARB	Fracture Veins	MOD	2	
			QZ/PY	Irregular/deformed/segmented	WK	2	
47.25	47.50		QZ/CARB	Fracture Veins	STG	10	
47.50	50.00		QZ/CARB	Fracture Veins	WK	3	
51.30	52.10		QZ/CARB	Massive Veins	INT	5	

52.10	57.80	QZ/CARB	Fracture Veins	WK	3	
57.80	63.54	QZ/CARB	Fracture Veins	WK	5	
63.54	69.34	QZ/CARB	Fracture Veins	WK	3	
69.34	78.94	QZ/CARB	Fracture Veins	WK	3	
78.94	80.79	QZ/CARB	Planar Veins	WK	5	
80.79	86.50	QZ/CARB	Fracture Veins	WK	2	
86.50	87.40	QZ/CARB	Wispy	WK	2	
87.40	92.14	QZ/PY	Fracture Veins	WK	5	
103.61	104.60	CARB	Planar Veins	WK	3	
104.60	113.80	CARB	Net-like veining	WK	3	carbonate altn, replacing matrix of fragmental
113.80	115.35	CARB	Planar Veins	WK	5	
115.35	132.20	CARB/PY	Fracture Veins	WK	5	
		CARB	Planar Veins	WK	2	
132.20	148.30	CARB	Planar Veins	WK	5	
		CARB/PY	Fracture Veins	WK	5	
148.30	149.03	CARB	Planar Veins	WK	10	
149.03	150.00	CARB	Planar Veins	WK	1	
150.00	154.00	CARB/PY	Planar Veins	WK	3	
		CARB	Fracture Veins	WK	3	
154.00	154.20	PY/SERI	Net-like veining	INT	5	
154.20	164.50	CARB/PY	Planar Veins	WK	1	massive section, little or no veining
164.50	170.50	CARB/QZ	Fracture Veins	STG	5	
		PY/SERI	Planar Veins	WK	2	
170.50	176.50	CARB/QZ	Fracture Veins	STG	3	small atz-cc tensions appear to be
		CARB/QZ	Tension Gashes	MOD	2	
176.50	183.50	PY/SERI	Net-like veining	STG	1	phyllic type altn forming net like veinings
		CARB	Planar Veins	WK	1	
183.50	190.00	PY/SERI	Net-like veining	STG	1	
		CARB/QZ	Planar Veins	MOD	2	
190.00	190.10	PY/SERI	Massive Veins	STG	100	one massive pyrite vein
192.50	194.16	CARB	Massive Veins	MOD	3	
194.16	200.00	QZ	Tension Gashes	MOD	1	
		PY/SERI	Planar Veins	MOD	3	
200.00	217.50	QZ/CARB	Planar Veins	WK	4	
		PY/SERI	Net-like veining	WK	3	
217.50	226.00	PY/SERI	Net-like veining	STG	3	
		QZ/CARB	Planar Veins	WK	2	
226.00	234.50	PY/SERI	Planar Veins	MOD	3	
234.50	245.50	PY/SERI	Planar Veins	WK	5	
		CARB/QZ	Planar Veins	WK	5	
246.00	250.00	PY/SERI	Planar Veins	MOD	5	
		CARB	Fracture Veins	WK	2	
250.00	262.00	QZ/CARB	Fracture Veins	WK	3	
		PY/SERI	Stringer Veins	WK	3	
262.00	263.40	FECB	Fracture Veins	UNK	1	
263.40	274.89	CARB/QZ	Fracture Veins	WK	3	
		QZ	Tension Gashes	WK	1	
274.89	275.50	FECB	Fracture Veins	MOD	2	
		PY/SERI	Stringer Veins	MOD	3	
275.50	279.50	FECB	Fracture Veins	WK	2	
		PY/SERI	Stringer Veins	WK	3	
279.50	292.00	PY/SERI	Stringer Veins	MOD	8	strong phyllic altn
		QZ	Fracture Veins	WK	1	
292.00	300.00	PY/SERI	Stringer Veins	MOD	4	

		QZ/CARB	Fracture Veins	WK	1
338.00	343.50	CARB	Fracture Veins	MOD	1
		PY/CARB	Stringer Veins	WK	8
350.00	379.50	PY/SERI	Net-like veining	STG	2
		QZ/CARB	Planar Veins	MOD	4
379.50	389.50	PY/SERI	Net-like veining	STG	2
		QZ/CARB	Planar Veins	STG	2
389.50	398.07	PY/SERI	Net-like veining	STG	2
		QZ/FECB	Planar Veins	WK	2

Structure

From	To	m	Structure	Intensity	Comments
1.52	13.40		massive / undeformed		very few fractures
4.00	4.10		fracture	WK	oxidized fractured surfaces
9.00	9.10		fracture	WK	fractured surfaces are oxidized forming selvages of oxidation 5-10cm due to fracturing, perpendicular to main surface
11.75	11.85		fracture	WK	
11.80	14.00		fracture		fractured surfaces are oxidized forming selvages of oxidation 5-10cm due to fracturing, perpendicular to main surface - 2 fractures oxidized, surfaces
13.40	25.00		massive / undeformed		
17.10	17.15		fracture		weak oxidization along fractured surfaces
17.15	29.60		massive / undeformed		
29.60	36.50		undivided foliation-cleavage	MOD	minor gouge on foliation surfaces
30.75	30.85		fault gouge / clay/ pug		chlorite/clay fault gouge
36.50	40.00		undivided foliation-cleavage	STG	SI = 55 degrees - contains small gouge surfaces along fractured surfaces
			fault gouge / clay/ pug	WK	
40.00	40.10		fracture zone	STG	
40.10	40.60		fault gouge / clay/ pug	STG	
41.05	41.20		fracture zone	STG	
43.25	43.50		fault gouge / clay/ pug	STG	
43.50	50.00		undivided foliation-cleavage	STG	
			fracture zone	MOD	
			fault gouge / clay/ pug	WK	
51.25	52.28		shear/ shear zone	STG	
52.28	56.00		fracture	STG	
56.00	56.90		shear/ shear zone	INT	
56.90	57.84		fracture	WK	
57.84	79.30		bedding / bedded	MOD	the core is generally unfractured
79.30	92.14		fracture	WK	
103.01	113.82		massive / undeformed		no bedding evident
113.82	115.50		undivided foliation-cleavage		
115.50	145.00		bedding / bedded		Bedding angle
148.30	149.03		fault gouge / clay/ pug		
149.03	150.50		bedding / bedded	WK	
150.50	150.60		fault gouge / clay/ pug	INT	
150.60	159.00		bedding / bedded	WK	
159.00	160.50		bedding / bedded	WK	
160.50	183.00		massive / undeformed		
183.00	192.25		massive / undeformed		
192.25	194.13		shear/ shear zone	INT	
194.13	200.00		massive / undeformed		no distinct bedding due to intense altn
200.00	208.50		massive / undeformed	WK	weakly fractured
208.50	211.50		massive / undeformed		
			fracture	WK	

211.50	222.82	massive / undeformed		massive/prevasive altn- consisting of textural destructive quartz - py - sericite altn, leaves the sections of massive sections
		fracture	WK	
222.82	224.20	fracture	MOD	
224.20	231.00	massive / undeformed		
		undivided foliation-cleavage	WK	
231.00	234.00	massive / undeformed		
		fracture	MOD	
234.00	250.00	massive / undeformed		
		fracture	WK	
250.00	256.75	massive / undeformed		
256.75	257.00	fracture		
257.00	275.50	massive / undeformed	STG	
275.50	277.50	fracture	STG	
300.00	308.00	massive / undeformed		
308.00	308.10	shear/ shear zone		
308.10	343.72	massive / undeformed		the section is massive very few fractures per meter. No faulting
343.72	344.25	shear/ shear zone	WK	
350.00	382.22	massive / undeformed		massive texture due to prevasive altn
382.22	384.40	shear/ shear zone		sheared zone
385.00	385.10	shear/ shear zone		fault zone/gouge/shear

Samples

From	To m	Sample ID	Sample type	Pfot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
1.52	4.75	179756	CORE_HALF	0.0027		2.7	43	8.72	0.84	66.6	2.4	164	9	0.23	1370
4.75	7.65	179757	CORE_HALF	0.0043		4.3	20	1.18	0.52	66.8	1.8	162.2	5	0.1	1748
7.95	10.60	179758	CORE_HALF	0.0188		18.8	52	8.41	1.14	68.2	3.5	198.9	12	0.18	1713
10.60	13.40	179759	CORE_HALF	0.0039		3.9	22	3.5	0.7	55.8	6.5	171.2	8	0.21	1672
13.40	15.80	179760	CORE_HALF	0.0034		3.4	86	13.14	1.68	77	3.8	194.7	8	0.28	1836
15.80	18.80	179761	CORE_HALF	0.0003		0.3	28	6.68	1.39	71.7	2.5	195.3	-5	0.16	1640
18.80	21.60	179762	CORE_HALF	0.0039		3.9	40	7.41	3.66	72.5	3.7	151.7	-5	0.17	1531
21.60	24.10	179763	CORE_HALF	0.0272		27.2	660	121.53	706.74	883.9	13	103.4	132	0.5	1249
24.10	26.56	179764	CORE_HALF	0.0267		26.7	84	23.21	23.18	129.4	12.1	157.3	21	0.18	2414
26.56	27.72	176666	CORE_UN	0.01		10		18	20	83	10	113		-3	1773
27.72	28.85	176667	CORE_UN	0.02		20		12	6	85	12	85		-3	1947
28.85	30.64	179765	CORE_HALF	0.0347		34.7	264	23.11	18.66	81.7	12.2	87.7	29	0.79	1978
30.64	33.70	179766	CORE_HALF	0.0509		50.9	195	30.61	5.32	77.7	20.6	100.8	16	0.42	1014
33.70	34.00	179767	CORE_HALF	0.0045		4.5	157	24.13	2.91	55.4	6.6	173.4	5	0.26	847
34.00	36.40	179768	CORE_HALF	0.001		1	168	52.1	0.59	75.7	8.8	151.3	8	0.23	710
36.40	38.00	179769	CORE_HALF	0.0007		0.7	201	42.72	0.77	59.9	8.5	162.1	17	0.3	686
38.00	40.00	176668	CORE_UN	-0.01		-10		35	-3	69	10	189		-3	613
40.00	40.54	176669	CORE_UN	0.02		20		22	8	48	44	221		-3	1741
40.54	42.00	176670	CORE_UN	0.03		30		14	8	62	23	186		-3	1332

42.00	43.25	176671	CORE_UN	0.08	80		38	9	103	35	169		-3	861
43.25	44.25	176672	CORE_UN	0.03	30		20	22	65	63	113		-3	1832
44.25	45.25	176673	CORE_UN	0.02	20		25	16	85	43	120		-3	1257
45.25	46.25	176674	CORE_UN	0.02	20		44	68	148	97	44		-3	1662
46.25	47.25	176675	CORE_UN	0.04	40		33	57	206	116	101		-3	1462
47.25	48.25	176676	CORE_UN	-0.01	-10		4	6	68	17	231		-3	948
48.25	49.25	176677	CORE_UN	0.02	20		23	42	105	51	121		-3	1092
49.25	50.25	176678	CORE_UN	0.02	20		13	32	81	40	142		-3	1940
50.25	51.25	176679	CORE_UN	0.03	30		18	27	88	90	98		-3	1133
51.25	52.25	176680	CORE_UN	-0.01	-10		21	20	89	23	207		-3	2860
52.25	53.25	176681	CORE_UN	0.02	20		49	30	205	46	139		-3	1292
53.25	54.25	176682	CORE_UN	0.02	20		11	12	89	30	196		-3	1172
54.25	55.25	176683	CORE_UN	0.01	10		7	8	50	10	308		-3	1249
55.25	56.25	176684	CORE_UN	0.01	10		25	6	78	11	224		-3	1473
56.25	57.25	176685	CORE_UN	0.01	10		13	14	69	26	153		-3	2005
57.25	58.30	176686	CORE_UN	0.05	50		79	35	125	35	171		-3	2023
58.30	61.53	179770	CORE_HALF	0.0021	2.1	144	16.82	1.92	79.5	10.8	167.2	16	0.32	1427
61.53	62.13	176687	CORE_UN	0.02	20		7	8	28	28	209		-3	457
62.13	64.30	179771	CORE_HALF	0.0058	5.8	266	12.06	3.07	78.4	13.8	245.5	12	0.46	1680
64.30	66.75	179772	CORE_HALF	0.0749	74.9	422	5.92	6.63	73.8	21.2	406.3	18	0.63	1647
66.75	69.80	179773	CORE_HALF	0.0679	67.9	441	30.51	4.05	57.6	140.3	239.4	24	1.1	2439
69.80	72.85	179774	CORE_HALF	0.0312	31.2	489	43.91	15.51	112.7	58	174.4	29	0.86	2244
72.85	75.90	179775	CORE_HALF	0.009	9	510	44.22	13.26	136.4	22.1	134.9	36	0.6	2518
75.90	77.33	179776	CORE_HALF	0.0096	9.6	220	13.55	2.65	74.3	28.8	133.5	20	0.47	2129
77.33	78.49	179777	CORE_HALF	-0.0002	-0.2	116	17.74	16.48	63	10.1	135.1	40	0.3	903
78.94	80.28	176688	CORE_UN	0.02	20		31	19	130	23	189		4	1080
80.28	81.99	179778	CORE_HALF	0.0003	0.3	150	18.57	19.84	90.3	16.2	116.1	52	0.67	1383
81.99	83.28	179779	CORE_HALF	0.0031	3.1	191	22.94	19.23	118.9	27.9	160.1	61	1.49	950
83.28	84.89	179780	CORE_HALF	0.0087	8.7	548	31.57	22.05	109.7	23.6	173.1	42	2.33	1254
84.89	86.50	179781	CORE_HALF	0.0049	4.9	361	27.33	16.2	60.2	18.4	188.1	23	1.24	1972
86.50	87.40	176689	CORE_UN	0.01	10		55	4	104	15	117		-3	1379
87.40	89.47	179782	CORE_HALF	0.0039	3.9	367	64.48	4.39	82.8	11.8	107.6	31	0.41	1018
89.47	92.00	179783	CORE_HALF	0.0023	2.3	281	44.62	1.8	80.7	10	87.8	55	0.34	1435
92.00	94.18	179784	CORE_HALF	0.0041	4.1	247	28.57	1.47	83.3	44.2	125.4	80	0.99	1683
94.18	97.23	179785	CORE_HALF	0.0049	4.9	263	8.08	2.84	53.7	49	122.1	68	1.2	1395
97.23	100.27	179786	CORE_HALF	0.0062	6.2	345	17.93	2.39	62.1	31.5	114.7	79	1.92	1456
100.27	102.18	179787	CORE_HALF	0.0172	17.2	439	12.13	3.95	56.5	43.2	136.3	85	1.94	2050
102.18	104.20	179788	CORE_HALF	0.0239	23.9	810	53.29	3.31	51.9	27.7	137.8	76	3.83	1497
104.20	106.60	179789	CORE_HALF	0.0404	40.4	481	14.83	4.95	50	57.7	85.4	115	1.63	2648
106.60	108.54	176692	CORE_UN	0.14	140		16	8	39	670	175		5	4404
108.54	110.44	176693	CORE_UN	0.04	40		32	10	37	125	143		3	2865
110.44	112.35	176694	CORE_UN	0.11	110		32	14	27	157	55		3	1469
112.35	114.30	179790	CORE_HALF	0.0846	84.6	635	20.93	3.93	58	365.9	140.1	233	7.46	1914

114.30	116.65	179791	CORE_HALF	0.0185	18.5	396	34.37	2.43	59.7	25.9	137.8	111	2.81	1419
116.65	119.10	179792	CORE_HALF	0.0095	9.5	193	13.2	2.31	64.1	11.5	195.6	24	0.41	1313
119.10	120.70	176690	CORE_UN	2.69	2690		288	280	1243	40	67		6	1498
120.70	123.00	179793	CORE_HALF	0.0047	4.7	60	2.69	1.33	70.9	12.6	160.5	20	0.4	1121
123.00	125.06	179794	CORE_HALF	0.0072	7.2	120	4.18	3.73	76.3	33.4	148.1	56	0.94	1361
125.06	127.23	179795	CORE_HALF	0.0107	10.7	98	1.56	1.9	65.1	15.3	219.9	18	0.41	1159
127.50	129.24	179796	CORE_HALF	0.0177	17.7	99	1.63	1.65	69.5	18.7	253	34	0.39	1179
129.24	131.81	179797	CORE_HALF	0.0158	15.8	188	9.47	1.41	167.2	15	128.7	79	0.44	1406
131.81	134.25	179798	CORE_HALF	0.0246	24.6	781	76.25	37.47	123.4	14.2	101.1	43	0.66	1307
134.25	136.25	176691	CORE_UN	0.1	100		32	85	344	19	180		-3	2526
136.25	138.64	179799	CORE_HALF	0.0406	40.6	187	2.17	2.42	59	14.7	114.6	22	0.54	1602
138.64	140.87	179800	CORE_HALF	0.0061	6.1	95	2.74	1.39	67	10.8	81.2	15	0.37	1900
140.87	142.95	134851	CORE_HALF	0.0114	11.4	224	3.24	3.03	57.6	20	122.2	35	0.5	2023
142.95	145.00	134852	CORE_HALF	0.0196	19.6	264	3.64	2.87	60.7	44.8	171.2	28	0.68	2410
145.00	147.03	134853	CORE_HALF	0.0888	88.8	461	7.49	23.42	65.1	147.4	127.5	53	1.84	2483
147.03	149.05	134854	CORE_HALF	0.0641	64.1	775	42.43	16.35	61.2	31.9	153.6	75	4.23	1569
149.05	150.90	134855	CORE_HALF	0.2579	257.9	820	47.51	7.28	72.2	38.9	116.1	61	1.63	2337
150.90	152.80	134856	CORE_HALF	0.1094	109.4	684	35.62	7.77	29.3	273.8	112.2	35	3.52	2141
152.80	154.20	176695	CORE_UN	1.83	1830		91	1647	2658	1569	48		31	1993
154.20	155.60	176696	CORE_UN	7.48	7480		181	3533	5860	3080	40		32	2306
155.90	156.93	134857	CORE_HALF	0.0491	49.1	663	22.02	6	44.9	37.1	110.8	33	1.9	1344
156.93	158.05	134858	CORE_HALF	0.0563	56.3	408	15.51	4.95	51.9	41.8	107.1	26	1.25	2110
158.05	159.00	134859	CORE_HALF	0.0594	59.4	377	11.14	4.57	45.9	24.6	116.1	17	1.04	1745
159.00	160.30	134860	CORE_HALF	0.0646	64.6	640	55.8	4.45	62.3	28.6	116.9	16	1.36	1578
160.30	161.75	134861	CORE_HALF	0.0085	8.5	83	2.49	1.49	66.2	22.7	97.2	13	0.56	2690
161.75	163.22	134862	CORE_HALF	0.0059	5.9	93	1.02	1.46	60.4	17.8	102.3	11	0.6	2441
163.22	164.66	134863	CORE_HALF	0.0196	19.6	132	1.3	2.13	48.5	18.7	152.4	33	0.93	2136
164.66	166.68	134864	CORE_HALF	0.0385	38.5	156	3.46	2.61	55.8	24.3	92.3	15	1.1	2419
166.68	168.20	134865	CORE_HALF	0.0325	32.5	273	7.12	3.88	43.4	29.7	102.2	12	1.32	3197
168.20	169.70	134866	CORE_HALF	0.0238	23.8	147	3.27	5.15	56.4	30.5	97.9	11	1.03	3229
169.70	171.70	176697	CORE_UN	0.07	70		20	82	197	107	119		-3	1133
171.70	173.70	176698	CORE_UN	0.1	100		37	409	723	174	74		4	1590
173.70	175.70	176699	CORE_UN	0.27	270		62	550	1536	293	54		4	1706
175.70	177.70	176700	CORE_UN	0.31	310		55	186	642	732	39		6	544
177.70	179.70	176701	CORE_UN	0.2	200		30	60	154	195	49		5	281
179.70	181.70	176702	CORE_UN	0.17	170		15	22	72	164	59		6	404
181.70	183.70	176703	CORE_UN	0.64	640		39	53	36	277	41		6	336
183.70	185.70	176704	CORE_UN	0.12	120		9	15	32	78	75		-3	352
185.70	187.70	176705	CORE_UN	0.19	190		12	15	12	156	40		3	514
187.70	189.70	176706	CORE_UN	0.1	100		11	13	10	92	53		-3	877
189.70	191.70	176707	CORE_UN	0.21	210		12	28	26	276	40		5	991
191.70	193.25	176708	CORE_UN	0.03	30		29	255	193	23	101		3	1847
193.25	194.13	176709	CORE_UN	0.12	120		19	38	70	144	49		8	1171

201.50	203.50	176710	CORE_UN	0.14	140		18	18	34	74	66		5	242
203.50	205.50	176711	CORE_UN	0.15	150		12	33	37	424	29		30	160
205.50	207.50	176712	CORE_UN	0.15	150		226	155	232	186	28		49	300
207.50	209.50	176713	CORE_UN	0.1	100		25	19	31	56	118		6	336
209.50	211.50	176714	CORE_UN	0.06	60		53	426	478	34	162		4	516
211.50	213.50	176715	CORE_UN	0.1	100		22	99	182	47	131		4	570
213.50	215.40	134867	CORE_HALF	0.1326	132.6	883	12.8	27.92	58.2	146.6	20.2	108	3.75	428
215.40	217.33	134868	CORE_HALF	0.0901	90.1	1082	18.35	108.52	104.3	128	19	94	4.98	346
217.33	219.45	134869	CORE_HALF	0.1002	100.2	713	10.82	77.22	188.2	70.8	35.2	340	4.87	762
219.45	221.15	134870	CORE_HALF	0.132	132	790	12.71	31.2	138.4	190.6	25.1	414	12.68	632
221.15	222.82	134871	CORE_HALF	0.111	111	691	9.36	29.42	44.5	125.5	26.4	173	4.51	367
222.82	224.82	176716	CORE_UN	0.47	470		23	148	102	151	67		3	174
224.82	226.82	176717	CORE_UN	0.07	70		3	-3	27	24	127		-3	255
226.82	228.90	134872	CORE_HALF	0.0387	38.7	268	5.23	11.36	40.3	36.4	73.6	22	1.24	914
228.90	230.73	134873	CORE_HALF	0.0667	66.7	429	11.18	13.33	67.6	41	56.6	29	2.39	1019
230.73	232.28	134874	CORE_HALF	0.1195	119.5	817	34.53	56.36	74.2	222.7	27.1	33	4.13	931
232.28	234.39	134875	CORE_HALF	0.1509	150.9	650	11.54	28.28	56.5	235.3	22.2	60	3.73	1160
234.39	236.12	134876	CORE_HALF	0.0224	22.4	110	2.13	5.69	111.4	14.2	75.1	36	0.73	1411
236.12	238.55	134877	CORE_HALF	0.034	34	65	0.81	2.19	49.8	10.6	64.3	15	0.53	2203
238.55	240.49	134878	CORE_HALF	0.0486	48.6	96	1.1	2.32	45.5	22.1	48.7	37	0.5	2683
240.49	242.52	134879	CORE_HALF	0.0111	11.1	87	0.78	2.41	61.1	13.1	125.2	13	0.38	2222
242.52	245.55	134880	CORE_HALF	0.0264	26.4	169	1.92	4.79	46.1	41.3	71.2	35	1.25	1593
245.55	247.84	134881	CORE_HALF	0.1006	100.6	388	4.35	9.02	29.9	154.2	41.4	136	3.36	1059
247.84	249.63	134882	CORE_HALF	0.0832	83.2	317	2.73	7.35	55	115.5	32.2	96	1.41	1440
249.63	251.73	134883	CORE_HALF	0.0747	74.7	564	4.13	10.98	29.3	189	19.9	161	7.88	925
257.54	259.44	134884	CORE_HALF	0.0364	36.4	228	1.63	4.78	41	74	26	85	3.75	1355
259.44	261.22	134885	CORE_HALF	0.1313	131.3	352	3.1	9.53	48.2	110.8	73.5	42	2.73	1417
261.22	263.39	134886	CORE_HALF	0.0404	40.4	284	5.06	12.52	191.8	107.2	64.3	136	2.41	1112
263.39	265.30	134887	CORE_HALF	0.0461	46.1	272	4.3	10.52	63.6	66.6	37.7	63	1.8	1377
265.30	267.31	134888	CORE_HALF	0.019	19	95	2.42	2.96	41.1	24.1	75.4	12	0.54	1576
267.31	269.30	134889	CORE_HALF	0.2528	252.8	181	4.47	9.8	31.5	103.1	25	9	1.24	1072
274.89	277.00	134890	CORE_HALF	0.0815	81.5	924	48.24	483.77	307.5	52	32.9	110	3.49	1476
277.00	279.00	134891	CORE_HALF	0.0995	99.5	1470	71.19	723.47	1398.1	91.7	24.8	282	2.97	1004
279.00	281.00	134892	CORE_HALF	0.0764	76.4	455	26.7	105.02	289.5	49.3	47.1	46	1.46	1031
281.00	283.00	134893	CORE_HALF	0.0255	25.5	158	8.93	10.22	55.6	28.8	76.6	6	0.75	2080
283.00	285.00	134894	CORE_HALF	0.054	54	828	69.44	200.16	644.9	54.7	29	139	3.09	938
285.08	287.08	176718	CORE_UN	0.13	130		20	786	325	126	134		10	534
287.08	289.08	176719	CORE_UN	0.05	50		49	280	585	54	179		3	544
289.08	291.08	176720	CORE_UN	0.1	100		23	185	134	84	172		-3	573
291.08	293.08	176721	CORE_UN	0.04	40		9	7	40	34	162		-3	930
292.00	293.03	134895	CORE_HALF	0.1217	121.7	1034	13.37	62.09	64.4	439.5	26.8	123	5.44	1146
293.03	295.00	134896	CORE_HALF	0.0621	62.1	365	15.26	11.84	41.5	51.4	44.4	21	1.28	927
295.00	297.00	134897	CORE_HALF	0.0623	62.3	267	8.73	6.39	33.8	35.7	45.5	22	1.16	1093

297.80	299.80	134898	CORE_HALF	0.0477	47.7	205	9.34	5.88	27.1	30.6	34.8	39	1.33	639
299.80	301.80	134899	CORE_HALF	0.0432	43.2	214	10.01	4.92	30.7	22.8	31.5	22	1	730
301.80	303.80	134900	CORE_HALF	0.0338	33.8	159	6.39	6.33	30.2	51.9	39.6	23	0.79	865
303.80	305.40	134151	CORE_HALF	0.0314	31.4	232	6.16	14.82	49	42.9	48.4	49	2.08	991
305.40	306.50	134152	CORE_HALF	0.1102	110.2	495	10.41	37.87	106	41.7	38.7	105	4.74	1276
306.50	308.50	176722	CORE_UN	0.03	30		7	11	50	297	146		4	1154
308.50	310.50	134153	CORE_HALF	0.0684	68.4	207	6.91	6.01	49.6	39.3	37.7	25	1.17	1328
310.50	312.55	134154	CORE_HALF	0.0484	48.4	146	5.89	3.46	59.2	21	63.7	54	0.67	1842
312.55	314.50	134155	CORE_HALF	0.0476	47.6	291	25.9	4.22	55.7	16.1	69.6	59	0.73	2021
314.50	316.50	134156	CORE_HALF	0.0103	10.3	80	2	1.65	56.2	6.1	57.6	96	0.3	2134
316.50	318.50	134157	CORE_HALF	0.0539	53.9	96	1.66	4.61	53.8	10.9	74.5	63	0.53	2263
318.50	320.50	134158	CORE_HALF	0.0554	55.4	115	5.49	3.63	65.4	25.2	64.6	91	0.46	2165
320.50	322.45	134159	CORE_HALF	0.0434	43.4	145	6.65	5.77	56.9	50	41.3	27	0.94	2270
322.45	324.50	134160	CORE_HALF	0.0487	48.7	159	3.68	5.62	59.1	38.4	75.6	15	0.8	2168
324.50	326.50	134161	CORE_HALF	0.0322	32.2	236	22	9.38	99.4	25.9	60.4	20	1.08	2373
326.50	328.35	134162	CORE_HALF	0.05	50	153	7.63	3.49	52.8	34.2	65.7	15	0.64	2327
328.35	330.50	134163	CORE_HALF	0.0798	79.8	134	4.92	4.09	64.2	55.1	63.1	31	0.69	1952
330.50	332.50	134164	CORE_HALF	0.0642	64.2	177	4.62	4.39	64.3	52.5	63.4	14	0.73	2774
332.50	334.50	134165	CORE_HALF	0.0813	81.3	1136	30.56	550.55	560.3	76	47.4	109	2.5	1538
334.50	336.50	134166	CORE_HALF	0.0498	49.8	193	8.54	6.78	85.2	54.1	69.1	14	0.91	2274
336.50	338.50	134167	CORE_HALF	0.0457	45.7	175	7.71	9.44	56	40.6	50.5	16	1.11	1879
338.50	340.50	134168	CORE_HALF	0.0296	29.6	284	15.41	61.51	79.6	44	73	22	1.47	1936
340.50	341.72	134169	CORE_HALF	0.0351	35.1	185	3.22	5.76	71	78.5	74.2	23	1.2	1240
341.72	343.72	176723	CORE_UN	0.03	30		3	-3	63	38	137		-3	2324
343.72	345.72	176724	CORE_UN	0.06	60		7	151	192	83	139		-3	1981
345.72	347.72	176725	CORE_UN	0.06	60		10	12	52	44	139		-3	1776
347.72	349.72	176726	CORE_UN	0.04	40		9	13	91	100	71		-3	717
349.72	351.72	176727	CORE_UN	0.06	60		9	325	296	135	51		4	656
351.72	353.72	176728	CORE_UN	0.06	60		12	18	58	130	64		6	642
353.72	355.72	176729	CORE_UN	0.24	240		27	94	226	2369	25		20	499
355.72	357.72	176730	CORE_UN	0.49	490		25	49	73	1449	22		32	94
357.72	359.72	176731	CORE_UN	0.26	260		47	244	650	426	21		21	109
359.72	361.72	176732	CORE_UN	0.08	80		15	1110	147	186	24		5	46
361.72	363.72	176733	CORE_UN	0.14	140		37	29	23	601	49		5	179
363.72	365.72	176734	CORE_UN	0.21	210		16	158	23	184	43		3	393
365.72	367.72	176735	CORE_UN	0.11	110		19	10	17	116	34		-3	832
367.72	369.72	176736	CORE_UN	0.09	90		9	7	11	144	26		4	129
369.72	371.72	176737	CORE_UN	0.11	110		16	61	76	172	39		5	134
371.72	373.72	176738	CORE_UN	0.1	100		23	124	218	220	35		8	192
373.72	375.72	176739	CORE_UN	0.18	180		24	335	1314	453	29		12	60
375.72	377.72	176740	CORE_UN	0.16	160		11	26	42	200	28		7	50
377.72	379.72	176741	CORE_UN	0.28	280		16	31	33	892	29		14	70
379.72	381.72	176742	CORE_UN	0.09	90		11	27	17	153	36		8	58

381.72	383.72	176743	CORE_UN	0.2	200	11	90	68	465	14	22	102	
383.72	385.72	176744	CORE_UN	0.16	160	11	69	71	566	18	16	133	
385.72	387.72	176745	CORE_UN	0.14	140	11	104	108	578	22	20	222	
387.72	389.72	176746	CORE_UN	0.11	110	13	221	416	258	33	9	454	
389.72	391.72	176747	CORE_UN	0.05	50	6	10	41	396	64	4	1071	
391.72	393.72	176748	CORE_UN	0.1	100	12	22	61	843	39	6	937	
393.72	395.72	176749	CORE_UN	0.27	270	143	833	667	2734	43	34	616	
395.72	397.72	176750	CORE_UN	0.22	220	20	151	627	2670	26	6	316	

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_116

Header

Hole ID	02_116	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	299.92	m		*Date completed*	10/06/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	Global	18817.73	15288.42		m
UTM Grid	NAD83 9	408688.86	6275468.69	1171.33	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	115.4	Astronomic (	115.4	-59.9	Compass	
63.70	m	117.8	Astronomic (	117.8	-61.0	Camera	
124.66	m	115.8	Astronomic (	115.8	-61.3	Camera	
185.62	m	117.3	Astronomic (	117.3	-61.5	Camera	
246.58	m	120.8	Astronomic (	120.8	-61.0	Camera	
299.92	m	121.3	Astronomic (	121.3	-61.0	Camera	

Lithology

Logged by:

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	1.52		CASE			100	
1.52	5.19		VFRH			100	
5.19	5.62		VFRO			100	
5.62	6.00		YOOR			100	
6.00	6.70		VFRO			100	
6.70	12.08		VFRX			100	
12.08	14.98		SGFO			100	
14.98	20.62		VFRX			100	
20.62	25.86		XSAX			100	
25.86	27.18		VFRH			100	
27.18	37.42		XSAX			100	
37.42	38.00		VFRO			100	
38.00	38.04		SICO			100	
38.04	38.62		IIOO			100	
38.62	42.90		VFRO			100	
42.90	43.05		YOOR			100	

43.05	43.36	VFRC	100
43.36	44.00	YOOR	100
44.00	44.36	IFOC	100
44.36	45.60	VFRO	100
45.60	51.57	XSAX	100
51.57	51.64	ZOOO	100
51.64	62.30	XSAX	100
62.30	63.37	IFOO	100
63.37	70.91	YFRC	100
70.91	71.00	ZOOO	100
71.00	74.30	YFRC	100
74.30	75.70	SICC	100
75.70	77.55	ZOOO	100
77.55	81.24	SICC	100
81.24	82.63	SWCO	100
82.63	83.00	XSWC	100
83.00	83.62	SWCO	100
83.62	85.80	XSWC	100
85.80	91.30	YFOA	100
91.30	92.13	YFOR	100
92.13	93.52	YOOR	100
93.52	94.18	SWCO	100
94.18	97.21	YFOA	100
97.21	97.38	YFOR	100
97.38	100.50	YFOR	100
100.50	100.70	YOOL	100
100.70	105.10	YFOR	100
105.10	105.15	YOOA	100
105.15	105.51	YFOR	100
105.51	105.83	YOOA	100
105.83	106.60	YFOR	100
106.60	106.71	YFOR	100
106.71	107.37	YFOR	100
107.37	107.68	XYFL	100
107.68	107.83	YFOA	100
107.83	108.32	YFOR	100
108.32	108.90	YFOR	100
108.90	109.35	SWFO	100
109.35	110.08	YFOR	100
110.08	112.67	YFOA	100
112.67	112.95	YFOR	100
112.95	113.20	YFOA	100
113.20	113.44	YFOR	100
113.44	115.60	YFOA	100
115.60	118.62	YFOA	100

118.62	121.43	YFOA	100
121.43	121.48	YOOA	100
121.48	121.57	SWVO	100
121.57	123.09	YOOA	100
123.09	124.43	YFOA	100
124.43	143.40	SWVO	100
143.40	143.55	XSWV	100
143.55	144.70	YIOA	100
144.70	145.83	YIOE	100
145.83	149.59	SGVO	100
149.59	149.75	YOOA	100
149.75	151.77	SGVO	100
151.77	158.40	YIOE	100
158.40	158.88	SWVO	100
158.88	160.98	YIOE	100
160.98	161.22	XSSK	100
161.22	161.90	SGVO	100
161.90	164.34	SICC	100
164.34	164.40	SAHO	100
164.40	165.23	SWVO	100
165.23	170.06	SICO	100
170.06	170.18	VOOO	100
170.18	182.57	SICO	100
182.57	182.87	SWVO	100
182.87	183.45	SICO	100
183.45	184.15	ZOOO	100
184.15	185.41	SICO	100
185.41	186.33	SWCO	100
186.33	188.86	SICO	100
188.86	189.60	ZOOO	100
189.60	190.64	SICO	100
190.64	190.84	IIOF	100
190.84	191.40	SICO	100
191.40	191.93	IIOF	100
191.93	192.06	SICO	100
192.06	192.24	IIOF	100
192.24	192.41	SICO	100
192.41	192.93	IIOF	100
192.93	192.97	SICO	100
192.97	200.81	IIOM	100
200.81	201.56	IIOX	100
201.56	231.60	SICO	100
231.60	231.70	ZOOO	100
231.70	233.00	VIOX	100
233.00	233.34	IIOU	100

233.34	236.80	VIOX	100
236.80	241.30	VIOO	100
241.30	264.60	VIOX	100
264.60	269.45	SGAC	100
269.45	290.72	VIOX	100
290.72	299.92	VIOO	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
1.52	12.08		Sericitization	pv	WK	SERI	MOD	PY	TR	GR	WK		
			Sericitization	cla	WK	SERI	MOD	PY	TR	GR	WK		
12.08	14.98		Sericitization	pv	WK	SERI	MOD	PY	TR	GR	WK		
			Sericitization	cla	WK	SERI	MOD	PY	TR	GR	WK		
14.98	20.62		Sericitization	pv	WK	SERI	MOD	PY	TR	GR	WK		
			Sericitization	cla	WK	SERI	MOD	PY	TR	GR	WK		
20.62	38.00		Sericitization	pv	MOD	SERI	STG	PY	TR	GR	STG		
			Sericitization	cla	MOD	SERI	STG	PY	TR	GR	STG		
			Carbonatization	pat	MOD	CARB	WK						
38.00	38.62		Sericitization	pv	WK	SERI	MOD	PY	TR				
38.62	42.90		Sericitization	pv	MOD	SERI	STG	PY	TR	GR	WK		
			Sericitization	cla	MOD	SERI	STG	GR	WK				
42.90	44.00		Sericitization	pv	MOD	SERI	STG	CARB	MOD	GR	MOD		
			Sericitization	cla	MOD	SERI	STG	GR	MOD				
			Carbonatization	pat	MOD	CARB	MOD						
44.00	45.60		Sericitization	pv	MOD	SERI	STG	GR	MOD				
45.60	63.37		Sericitization	pv	MOD	SERI	STG	GR	MOD	GR	MOD	PY	
			Carbonatization	pat	WK	CARB	MOD						
63.37	74.30		Sericitization	pv	WK	SERI	STG						
			Sericitization	pat	WK	SERI	STG						
			Carbonatization	pat	WK	CARB	MOD						
74.30	81.24		Pyritic	diss	WK	PY	WK						
			Pyritic	pat	WK	PY	WK						
81.24	107.83		Sericitization	pv	WK	SERI	MOD	PY	TR				
			Sericitization	bd	WK	SERI	MOD	PY	TR				
107.83	110.08		Sericitization	pv	MOD	SERI	STG	PY	TR				
			Sericitization	bd	MOD	SERI	STG	PY	TR				
110.08	112.68		Silicic/Silicification	hal	MOD	QZ	STG	PY	WK				
			Silicic/Silicification	pat	MOD	QZ	STG	PY	WK				
112.68	113.44		Sericitization	pv	WK	SERI	MOD	PY	TR				
			Sericitization	bd	WK	SERI	MOD	PY	TR				
113.44	121.30		Sericitization	pv	WK	SERI	MOD						
121.30	123.10		Sericitization	pv	MOD	SERI	STG						
123.10	131.20		Sericitization	pv	WK	SERI	MOD	CARB	WK				
131.20	135.00		Carbonatization	hal	MOD	CLAY	MOD	CARB	WK				
135.00	143.40		Sericitization	cla	WK	SERI	MOD						
			Carbonatization	pv	WK	CARB	WK						
143.40	144.70		Carbonatization	pv	TR	CARB	TR						
160.98	164.40		Pyritic	diss	WK	PY	TR	GR	STG				
			Pyritic	pat	WK	PY	TR						
164.40	165.23		Pyritic	diss	WK	PY	WK	GR	STG				
			Pyritic	pat	WK	PY	WK						
165.23	168.86		Pyritic	diss	WK	PY	TR	GR	STG				
			Pyritic	pat	WK	PY	TR						

188.86	189.60	Silicic/Silicification	ff	STG	QZ	STG						
		Silicic/Silicification	bc	STG	QZ	STG						
		Carbonatization	ff	STG	CARB	MOD						
		Carbonatization	bd	MOD	CARB	MOD						
189.60	191.40	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
191.40	191.93	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
		Carbonatization	bd	WK	CARB	MOD						
		Carbonatization	hal	WK	CARB	WK						
191.93	192.97	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
192.97	200.81	Sulphidic	diss	WK	PY	TR						
		Sulphidic	pat	WK	PY	TR						
200.81	204.75	Sulphidic	diss	WK	PY	WK	SP	TR				
		Sulphidic	pat	WK	PY	WK						
204.75	214.00	Sulphidic	diss	WK	PY	TR						
		Sulphidic	pat	WK	PY	TR						
214.00	223.80	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
223.80	227.80	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
		Sulphidic	ff	WK	PY	TR	SP	TR	GN	TR		
227.80	231.70	Sulphidic	diss	WK	PY	WK						
		Sulphidic	pat	WK	PY	WK						
231.70	233.00	Sericitization	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	pat	MOD	QZ	STG	PY	MOD	GN	WK	SP	
		Silicic/Silicification	ff	MOD	QZ	STG	PY	MOD	GN	WK	SP	
233.00	233.34	Sericitization	pv	MOD	SERI	STG	PY	WK				
233.34	236.80	Sericitization	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	ff	MOD	QZ	STG	PY	MOD	GN	WK	SP/CPY	
		Silicic/Silicification	pat	MOD	QZ	STG	PY	MOD	GN	WK	SP/CPY	
236.80	238.60	Sericitization	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	ff	MOD	QZ	STG	PY	MOD	GN	TR	SP	
		Silicic/Silicification	pat	MOD	QZ	STG	PY	MOD	GN	TR	SP	
238.60	242.50	Sericitization	pv	MOD	SERI	MOD	PY	WK				
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK				
		Silicic/Silicification	pat	WK	QZ	MOD	PY	WK				
242.50	246.50	Sericitization	pv	MOD	SERI	MOD	PY	WK				
		Silicic/Silicification	ff	WK	QZ	WK						
		Silicic/Silicification	pat	WK	QZ	WK						
246.50	248.00	Sericitization	pv	WK	SERI	MOD	CH	WK	CH	WK	PY	
248.00	249.60	Sericitization	pv	WK	SERI	MOD	QZ	WK	QZ	WK	PY	
249.60	253.00	Sericitization	pv	WK	SERI	MOD	CH	WK	CH	WK	PY	
253.00	258.00	Chloritization	pat	WK	CH	MOD	PY	WK				
		Silicic/Silicification	ff	WK	QZ	MOD						
		Silicic/Silicification	pat	WK	QZ	MOD						
258.00	264.37	Mineral Assemblage (un	pv	WK	SR	MOD	PY	WK	CH	WK		
		Mineral Assemblage (un	pat	WK	PY	WK						
264.37	264.60	Sericitization	pv	MOD	SERI	STG	CH	MOD	CH	MOD	PY	
264.60	265.40	Sericitization	pv	MOD	SERI	STG	CH	MOD	CH	MOD	PY	
265.40	269.45	Mineral Assemblage (un	pv	WK	SERI	MOD	CH	MOD	CH	MOD	PY	
269.45	277.30	Sericitization	pv	MOD	SERI	MOD	PY	MOD				
277.30	290.90	Sericitization	pv	MOD	SERI	MOD	PY	WK				

		Silicic/Silicification	ff	WK	QZ	WK	PY		WK	SP	TR
		Silicic/Silicification	pat	WK	QZ	WK	PY		WK	GN	TR
290.90	299.92	Sericitization	pv	MOD	SERI	MOD	PY		WK	QZ	MOD
		Silicic/Silicification	ff	WK	QZ	MOD	PY		WK	GN	TR
		Silicic/Silicification	pat	WK	QZ	MOD	SL		TR		

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
13.50	20.50		CARB	Fracture Veins	WK	2	
20.50	37.00		CARB	Fracture Veins	WK	2	
37.00	61.00		CARB	Fracture Veins	WK	2	
61.00	62.50		CARB	Hairline	WK		
73.00	80.00		CARB	Massive Veins	MOD	2	
80.00	85.50		CARB	Fracture Veins	WK	2	
94.70	98.00		QZ	Massive Veins	WK	10	
110.00	111.50		QZ	Fracture Veins	WK	2	
112.50	121.00		QZ/CARB	Fracture Veins	WK	1	
121.00	121.50		QZ/CARB	Fracture Veins	WK	10	
121.50	131.00		QZ/CARB	Planar Veins	WK	3	
131.00	133.50		QZ/CARB	Fracture Veins	WK	3	
133.50	139.00		QZ/CARB	Planar Veins	WK	3	
139.00	150.00		CARB/QZ	Fracture Veins	WK	1	
150.00	175.00		CARB	Planar Veins	WK	2	
179.80	179.90		CARB	Massive Veins	UNK	10	
179.90	185.00		CARB/QZ	Planar Veins	MOD	5	
185.00	188.50		CARB/QZ	Stockwork Veins	STG	5	
188.50	192.00		CARB/QZ	Stringer Veins	STG	5	
192.00	200.00		CARB/QZ	Fracture Veins	WK	2	
201.00	205.50		QZ/CARB	Fracture Veins	WK		
			QZ/CARB	Hairline	WK		
205.50	207.50		QZ/CARB	Fracture Veins	WK		
207.50	215.00		QZ/CARB	Hairline	WK		
215.00	219.00		QZ/CARB	Planar Veins	WK	20	
219.00	224.50		PY/SP	Stringer Veins	WK	5	small sphalerite-galena-py veins w/ calcite-low angles to core axis
224.50	228.00		PY/SP	Stringer Veins	MOD	15	
228.00	231.50		QZ/CARB	Fracture Veins	WK	2	
231.50	249.50		QZ/PY	Stockwork Veins	MOD	10	quartz stock work throughout, containing sulphides
			FECB/QZ	Fracture Veins	WK	1	
250.00	277.00		PY/SERI	Net-like veining	UNK	2	very little veining, occurs as py stringers and/or nets in matrix of breccia
277.00	285.00		PY/SERI	Stringer Veins	MOD	3	
			PY/SERI	Net-like veining	WK	2	
285.00	299.92		PY/QZ	Stringer Veins	MOD		
			PY/QZ	Net-like veining	MOD		

Structure

From	To	m	Structure	Intensity	Comments
2.44	16.80		massive / undeformed		
16.80	17.70		fracture	MOD	
17.70	37.50		massive / undeformed		
37.50	39.00		bedding / bedded	MOD	
39.00	44.00		massive / undeformed	MOD	
			bedding / bedded	WK	
44.00	61.00		fracture	MOD	gouge on fractured surfaces

50.00		massive / undeformed		
		fracture	MOD	
61.00	71.00	massive / undeformed		the core is soft, fractured surfaces has clay gouge
		fracture	WK	
71.00	71.15	fault gouge / clay/ pug	MOD	
71.15	74.00	massive / undeformed		
		fracture	WK	
74.00	74.50	bedding / bedded		mudstone tuffaceous
74.50	78.00	bedding / bedded	MOD	
78.00	79.00	shear/ shear zone	INT	graphitic sheared surface
81.00	86.00	bedding / bedded	WK	
86.00	87.60	fracture		
87.60	89.92	fracture		
89.92	100.00	massive / undeformed		
100.50	100.55	fault gouge / clay/ pug		
100.55	116.02	massive / undeformed		
116.02	121.00	massive / undeformed		
121.00	121.50	fracture	STG	
121.50	135.00	fracture	MOD	
135.00	150.00	fracture	WK	
150.00	165.00	massive / undeformed	WK	
165.00	179.00	fracture zone		
179.00	179.10	bedding / bedded		
183.50	183.75	shear/ shear zone		
188.50	200.00	fracture zone		
210.00	210.50	bedding / bedded		
210.50	231.50	bedding / bedded	WK	
231.50	231.80	shear/ shear zone	WK	
231.80	250.00	massive / undeformed	WK	
250.00	282.00	massive / undeformed	WK	massive section, no apparent structures
282.00	299.92	massive / undeformed	WK	veins-pyrite-random orientation to core axis

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
20.62	22.39	176901	CORE UN	0.02		20		6	21	123	10	46		-3	158
22.39	24.15	176902	CORE UN	0.02		20		5	16	101	4	88		-3	421
24.15	25.92	176903	CORE UN	0.02		20		4	19	75	4	55		-3	318
27.18	29.18	176904	CORE UN	0.01		10		6	22	124	5	45		-3	64
29.18	31.18	176905	CORE UN	0.01		10		5	17	86	4	44		3	100
31.18	33.18	176906	CORE UN	0.01		10		5	19	104	3	25		-3	105
33.18	35.18	176907	CORE UN	0.01		10		5	17	99	2	36		-3	110
35.18	37.18	176908	CORE UN	0.02		20		5	15	112	5	58		-3	95
37.18	38.04	176909	CORE UN	0.02		20		6	19	123	2	52		-3	178
38.04	38.64	176910	CORE UN	0.01		10		38	8	86	37	31		3	860

38.64	40.64	176911	CORE_UN	0.02	20	5	13	122	4	44	-3	186
40.64	42.64	176912	CORE_UN	0.02	20	4	19	111	3	33	-3	238
42.64	43.78	176913	CORE_UN	0.01	10	4	11	141	3	79	-3	309
43.78	44.36	176914	CORE_UN	0.02	20	34	34	188	30	34	4	584
44.36	46.36	176915	CORE_UN	0.02	20	5	23	122	5	49	-3	106
46.36	48.36	176916	CORE_UN	0.02	20	5	22	118	2	49	-3	100
48.36	50.36	176917	CORE_UN	0.02	20	7	28	129	9	56	-3	270
50.36	52.36	176918	CORE_UN	0.02	20	5	26	103	3	64	-3	128
52.36	54.36	176919	CORE_UN	0.02	20	5	18	75	7	48	-3	896
54.36	56.36	176920	CORE_UN	0.02	20	5	23	124	4	46	-3	365
56.36	58.36	176921	CORE_UN	0.02	20	5	17	85	4	39	-3	887
58.36	60.36	176922	CORE_UN	0.01	10	4	19	100	2	34	-3	149
74.30	75.30	176923	CORE_UN	0.02	20	34	40	379	100	40	10	408
75.30	76.30	176924	CORE_UN	0.02	20	41	33	395	98	34	13	187
76.30	77.30	176925	CORE_UN	0.02	20	33	21	239	100	46	10	282
77.30	78.30	176926	CORE_UN	0.03	30	34	22	238	108	37	12	372
78.30	79.30	176927	CORE_UN	0.02	20	31	19	240	86	45	13	365
79.30	80.30	176928	CORE_UN	0.02	20	27	14	138	74	58	16	740
80.30	81.30	176929	CORE_UN	0.02	20	30	15	123	83	44	16	662
81.30	82.30	176930	CORE_UN	0.01	10	8	22	72	44	76	7	685
82.30	83.60	176931	CORE_UN	0.02	20	5	7	88	18	258	-3	829
83.60	84.70	176932	CORE_UN	0.01	10	11	6	74	5	140	-3	283
84.70	85.70	176933	CORE_UN	0.02	20	9	10	91	6	169	-3	211
93.50	94.60	176934	CORE_UN	0.02	20	3	-3	64	23	80	-3	365
110.08	111.30	176935	CORE_UN	0.02	20	44	29	63	26	50	5	1092
111.30	112.67	176936	CORE_UN	0.02	20	23	18	70	12	59	-3	1242
132.00	133.50	176937	CORE_UN	0.01	10	-1	-3	102	4	153	-3	663
133.50	135.00	176938	CORE_UN	0.02	20	-1	-3	108	16	129	-3	651
161.00	161.90	176939	CORE_UN	0.03	30	21	61	126	13	99	-3	458
161.90	163.00	176940	CORE_UN	0.05	50	43	24	110	26	121	6	581
163.00	164.00	176941	CORE_UN	0.07	70	47	31	101	24	104	7	539
164.00	165.00	176942	CORE_UN	0.06	60	61	25	91	24	88	6	1477
165.00	166.00	176943	CORE_UN	0.06	60	28	26	96	25	95	8	1411
166.00	167.00	176944	CORE_UN	0.01	10	53	18	78	33	128	6	471
167.00	168.00	176945	CORE_UN	0.02	20	72	20	135	32	90	6	858
168.00	169.00	176946	CORE_UN	0.03	30	49	29	92	34	92	6	608
169.00	170.00	176947	CORE_UN	0.03	30	70	29	122	40	96	6	773
170.00	171.00	176948	CORE_UN	0.06	60	51	39	87	64	90	6	791
171.00	172.00	176949	CORE_UN	0.23	230	33	31	55	53	103	5	526
172.00	173.00	176950	CORE_UN	0.03	30	43	23	95	50	96	4	1698
173.00	174.00	176951	CORE_UN	0.05	50	36	39	85	51	106	6	622
174.00	175.00	176952	CORE_UN	0.06	60	33	37	97	54	89	8	357
175.00	176.00	176953	CORE_UN	0.06	60	41	48	102	73	89	7	413

176.00	177.00	176954	CORE_UN	0.07	70		49	48	94	81	72	9	429
177.00	178.00	176955	CORE_UN	0.06	60		47	48	103	71	100	7	379
178.00	179.00	176956	CORE_UN	0.04	40		43	46	101	56	91	8	457
179.00	180.00	176957	CORE_UN	0.04	40		38	32	84	45	101	6	1329
180.00	181.00	176958	CORE_UN	0.04	40		31	47	80	47	93	9	2619
181.00	182.00	176959	CORE_UN	0.04	40		36	46	94	47	93	9	3081
182.00	183.00	176960	CORE_UN	0.03	30		68	47	134	62	87	7	1201
183.00	184.00	176961	CORE_UN	0.06	60		30	63	47	67	76	7	1959
184.00	185.00	176962	CORE_UN	0.04	40		53	168	2128	43	76	10	3011
185.00	186.00	176963	CORE_UN	0.02	20		127	86	159	40	92	9	1156
186.00	187.00	176964	CORE_UN	0.04	40		29	61	35	49	96	8	489
187.00	188.00	176965	CORE_UN	0.03	30		68	29	73	40	94	4	1076
188.00	189.00	176966	CORE_UN	0.06	60		19	29	87	124	104	6	1417
189.00	190.00	176967	CORE_UN	0.07	70		43	22	74	149	77	7	2224
190.00	191.00	176968	CORE_UN	0.05	50		123	11	99	81	71	4	2271
191.00	192.00	176969	CORE_UN	0.09	90		72	3	143	96	48	3	1702
192.00	193.00	176970	CORE_UN	0.19	190		18	13	44	176	73	-3	1805
193.00	195.00	134451	CORE HALF	0.0336	33.6	235	52.5	5.58	145.4	181	79	185	2.6	2696
195.00	197.04	134452	CORE HALF	0.0054	5.4	169	44.11	5.5	63.2	60.1	90.3	21	1.89	3763
197.51	199.00	134453	CORE HALF	0.0022	2.2	108	41.38	2.96	80.9	38.2	74.3	11	1.19	2463
199.00	200.61	134454	CORE HALF	0.0626	62.6	543	103.04	40.43	257.9	187.1	96.8	65	3.01	3042
200.81	201.87	176971	CORE_UN	0.05	50		52	14	58	79	109	3	925
201.87	203.00	176972	CORE_UN	0.08	80		32	41	31	97	70	8	438
203.00	204.00	176973	CORE_UN	0.1	100		240	473	960	80	71	12	1240
204.00	205.00	176974	CORE_UN	0.1	100		102	146	275	56	83	9	668
205.00	206.00	176975	CORE_UN	0.05	50		31	57	67	36	82	10	3567
206.00	207.00	176976	CORE_UN	0.05	50		63	83	181	52	82	8	2683
207.00	208.00	176977	CORE_UN	0.06	60		267	306	1029	51	94	8	790
208.00	209.00	176978	CORE_UN	0.06	60		47	211	307	40	99	9	567
209.00	210.00	176979	CORE_UN	0.05	50		42	186	233	27	115	8	650
210.00	211.00	176980	CORE_UN	0.06	60		36	164	204	29	81	9	2112
211.00	212.00	176981	CORE_UN	0.05	50		32	92	126	25	106	8	565
212.00	213.00	176982	CORE_UN	0.03	30		30	221	254	22	115	8	803
213.00	214.00	176983	CORE_UN	0.05	50		26	174	89	36	62	11	545
214.00	215.00	176984	CORE_UN	0.08	80		66	430	463	40	75	13	738
215.00	216.00	176985	CORE_UN	0.11	110		138	642	979	50	36	16	609
216.00	217.00	176986	CORE_UN	0.07	70		39	170	296	50	50	10	416
217.00	218.00	176987	CORE_UN	0.05	50		106	685	1253	73	68	11	1296
218.00	219.00	176988	CORE_UN	0.04	40		42	406	416	49	96	11	960
219.00	220.00	176989	CORE_UN	0.06	60		52	338	373	70	70	9	902
220.00	221.00	176990	CORE_UN	0.03	30		28	60	116	54	100	9	635
221.00	222.00	176991	CORE_UN	0.02	20		16	44	59	48	105	5	563
222.00	223.00	176992	CORE_UN	0.09	90		221	882	2637	287	41	17	564

223.00	224.00	176993	CORE	UN	0.07	70		597	977	3095	93	43	15	940
224.00	225.00	176994	CORE	UN	0.06	60		246	1828	3187	180	65	14	526
225.00	226.90	176995	CORE	UN	0.08	80		1508	572	14979	111	37	17	642
226.90	227.00	176996	CORE	UN	0.11	110		1277	2061	22104	134	26	24	1216
227.00	228.00	176997	CORE	UN	0.13	130		91	486	762	852	32	46	262
228.00	229.00	176998	CORE	UN	0.13	130		159	666	1190	314	22	31	247
229.00	230.00	176999	CORE	UN	0.14	140		243	1464	1250	235	23	33	418
230.00	231.00	177000	CORE	UN	0.15	150		378	2360	2693	196	30	46	185
231.00	231.75	176060	CORE	UN	0.42	420		615	3280	3095	461	68	94	391
231.75	233.75	176061	CORE	UN	0.14	140		216	1973	1445	160	100	5	432
233.75	235.75	176062	CORE	UN	0.19	190		1454	5539	12813	201	76	6	454
235.75	237.75	176063	CORE	UN	0.09	90		21	251	137	81	96	-3	952
237.75	239.75	176064	CORE	UN	0.04	40		14	46	95	25	150	-3	963
239.75	241.75	176065	CORE	UN	0.06	60		45	590	564	43	115	10	1499
241.75	243.75	176066	CORE	UN	0.01	10		5	8	72	9	275	-3	1060
243.75	245.80	134256	CORE	HALF	0.0502	50.2	172	4.42	20.16	33.9	76.4	67	75	1.21	1012
245.80	247.80	134257	CORE	HALF	0.0128	12.8	130	6.49	51.06	111.2	23.5	144.9	30	0.55	1251
247.80	249.80	134258	CORE	HALF	0.0332	33.2	147	15.5	36.27	93	24.9	140.6	23	0.51	1187
249.80	251.78	134259	CORE	HALF	0.0101	10.1	187	29.89	122.82	181.7	12.8	145.1	41	0.65	1967
252.34	254.40	134260	CORE	HALF	0.0404	40.4	182	9.3	105.92	209.4	32.2	116.5	97	0.75	1457
254.40	256.40	134261	CORE	HALF	0.0484	48.4	2739	969.89	2648.6	3165.9	69.3	27.1	491	3.11	1344
256.40	258.40	134262	CORE	HALF	0.0134	13.4	96	5.23	14.19	46.2	30	53.6	28	0.72	1139
258.40	260.30	134263	CORE	HALF	0.0417	41.7	211	5.25	14.74	49.5	64	42.2	29	1.06	1463
260.30	262.20	134264	CORE	HALF	0.0157	15.7	138	15.48	5.27	38.8	19.8	78.9	19	0.68	1645
262.20	264.00	134265	CORE	HALF	0.0236	23.6	534	323.63	12.45	65.9	21.2	34.1	14	1.88	1559
266.00	268.00	176067	CORE	UN	0.01	10		13	10	65	22	299	-3	1314
268.00	270.47	134266	CORE	HALF	0.129	129	393	16.03	12.32	80	26.8	91.3	23	0.93	899
270.97	273.00	134267	CORE	HALF	3.31	3.31	493.9	961	11.97	16.91	7.9	259.4	38.9	38	1.58	109
273.00	275.00	134268	CORE	HALF	0.4813	481.3	984	8.24	39.13	65.2	188.3	47.1	110	1.69	80
275.00	277.30	134269	CORE	HALF	0.71	0.71	2436.2	1066	6.55	19.36	8.5	169.6	53.9	62	1.47	97
277.30	279.30	176068	CORE	UN	0.45	450		15	32	16	253	92	3	122
279.30	281.30	176069	CORE	UN	0.3	300		354	35	1272	260	86	6	72
281.30	283.30	176070	CORE	UN	0.4	400		18	31	22	438	63	7	58
283.30	285.30	176071	CORE	UN	0.57	570		91	940	2072	1517	57	17	67
285.30	287.30	176072	CORE	UN	0.3	300		18	75	299	490	88	7	52
287.30	289.30	176073	CORE	UN	0.27	270		13	34	831	223	83	6	78
289.30	291.30	176074	CORE	UN	0.3	300		6	16	11	185	99	5	55
291.30	293.30	176075	CORE	UN	0.11	110		9	22	21	252	86	9	92
293.30	295.30	176076	CORE	UN	0.29	290		6	19	6	184	67	5	103
295.30	297.30	176077	CORE	UN	0.23	230		7	24	5	315	43	10	42
297.30	299.30	176078	CORE	UN	0.41	410		7	31	321	246	56	5	63
299.30	299.62	176079	CORE	UN	0.22	220		389	8002	5046	143	123	45	50

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_117

Header

Hole ID	02_117	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	351.74	m		*Date completed*	10/10/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	17916.82	13184.43		m
UTM Grid	NAD83_9	407742.88	6273385.65	1056.74	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	295.2	Astronomic (	295.2	-59.3	Camera	
63.70	m	295.8	Astronomic (	295.8	-58.5	Compass	
121.92	m	301.8	Astronomic (	301.8	-57.5	Compass	
182.88	m	301.8	Astronomic (	301.8	-56.0	Compass	
243.84	m	303.8	Astronomic (	303.8	-55.0	Compass	
350.52	m	310.8	Astronomic (	310.8	-53.5	Compass	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	7.60		CASE			100	
7.60	65.90		VFRX			100	
65.90	92.30		XVFB			100	
92.30	180.40		VFRX			100	
180.40	200.60		VFOH			100	
200.60	235.80		VFRX			100	
235.80	236.20		SACO			100	
236.20	252.30		VFRX			100	
252.30	252.80		ZOOO			100	
252.80	263.80		XVFH			100	
263.80	276.30		VFOH			100	
276.30	279.30		XVFF			100	
279.30	285.50		XVOO			100	
285.50	287.10		ZOOO			100	
287.10	351.70		XSIC			100	

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
65.90	92.30		Altered (undifferentiated)	rep	UNK	CBS	UNK						
287.10	351.70		Carbonatization	mat	WK	PY	WK						

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
7.62	11.50		CARB	Planar Veins	WK	0	
			CARB/QZ	Folded	UNK	1	
11.50	12.85		QZ	Folded	WK	2	
			CARB/GR/PY	Folded	WK	0	
12.85	15.00		QZ/CARB	Fault-related veins	WK	0	
			CARB	Folded	WK	0	
15.00	19.50		CARB	Irregular/deformed/segmented	WK	0	
			QZ/CARB	Tension Gashes	WK	4	
19.50	25.00		CARB	Irregular/deformed/segmented	WK	0	
25.00	28.70		CARB	Irregular/deformed/segmented	WK	0	
31.40	37.80		CARB/QZ	Folded	WK	0	
37.80	39.50		QZ/CARB	Planar Veins	WK	2	
			CARB	Irregular/deformed/segmented	WK	0	
41.90	42.40		QZ/CARB	Planar Veins	WK	2	
45.90	51.00		CARB	Irregular/deformed/segmented	WK	0	
			QZ/CARB	Irregular/deformed/segmented	WK	2	
57.95	61.00		QZ/CARB	Planar Veins	WK	2	
			CARB	Irregular/deformed/segmented	WK	0	
64.50	67.00		QZ/CARB/PY	Irregular/deformed/segmented	MOD	8	
			CARB	Planar Veins	WK	0	
67.00	70.20		QZ	Fault-related veins	WK	8	
			CARB	Planar Veins	WK	1	
70.20	71.60		QZ/CARB	Irregular/deformed/segmented	MOD	3	
71.60	79.00		CARB	Irregular/deformed/segmented	WK	0	
79.00	80.00		QZ/CARB/PY	Irregular/deformed/segmented	MOD	4	
80.00	83.00		QZ/CARB	Planar Veins	WK	1	
83.00	86.70		QZ/CARB	Irregular/deformed/segmented	MOD	25	
			QZ/CARB	Irregular/deformed/segmented	WK	0	
86.70	92.80		CARB/PY	Folded	WK	0	
			CARB	Planar Veins	WK	0	
92.80	98.70		QZ/CARB	Irregular/deformed/segmented	WK	1	
98.70	100.30		QZ	Planar Veins	WK	1	
100.30	103.00		QZ/CARB	Fault-related veins	MOD	15	
103.00	105.00		QZ	Planar Veins	MOD	2	
105.00	116.00		CARB	Planar Veins	WK	0	
			QZ/CARB	Fault-related veins	WK	3	
116.00	117.00		QZ	Planar Veins	MOD	1	
			QZ/FECB/CARB	Fault-related veins	MOD	6	
117.00	121.50		QZ	Irregular/deformed/segmented	MOD	0	
121.50	124.00		QZ/FECB	Irregular/deformed/segmented	MOD	15	
			QZ/PY	Irregular/deformed/segmented	WK	2	
124.00	133.80		QZ/FECB	Planar Veins	WK	2	
133.80	137.00		QZ	Irregular/deformed/segmented	WK	2	
139.60	142.40		QZ	Fault-related veins	STG	8	milky quartz, yellowish quartz
			QZ	Fault-related veins	STG	8	

142.40	151.30	QZ	Planar Veins	MOD	1	clear/milky quartz, yellowish quartz
		QZ	Planar Veins	WK	1	
151.30	154.30	QZ/FECB	Planar Veins	MOD	0	milky colour, yellowish colour
		QZ/FECB	Irregular/deformed/segmented	MOD	1	
154.30	160.00	QZ	Planar Veins	WK	0	milky colour
160.00	162.00	QZ/PY/CARB	Irregular/deformed/segmented	WK	3	
162.00	164.50	QZ/PY/CARB	Irregular/deformed/segmented	MOD	12	
		QZ	Planar Veins	WK	2	
164.50	168.20	QZ	Planar Veins	WK	2	
168.20	174.80	QZ	Planar Veins	WK	2	white grey
		CARB/PY	Planar Veins	WK	4	
174.80	178.20	QZ/CARB	Planar Veins	WK	1	
		CARB	Planar Veins	WK	1	
178.20	185.00	QZ	Planar Veins	WK	1	
185.00	186.80	QZ	Fault-related veins	MOD	6	
186.80	188.00	QZ	Folded	MOD	1	
188.00	190.00	CARB/QZ	Planar Veins	WK	5	
190.00	195.00	CARB	Planar Veins	MOD	1	
		CARB/PY	Irregular/deformed/segmented	MOD	0	
195.00	197.80	CARB	Irregular/deformed/segmented	MOD	4	
		CARB	Irregular/deformed/segmented	WK	0	
197.80	200.80	QZ/CARB	Fault-related veins	MOD	50	
		QZ/CARB	Planar Veins	WK	3	
200.80	207.70	QZ	Planar Veins	WK	3	
		QZ/FELD	Planar Veins	MOD	2	
207.70	211.50	QZ	Irregular/deformed/segmented	WK	2	
211.50	219.00	QZ	Fault-related veins	WK	5	feld=unspecified feldspan
		QZ/FELD	Planar Veins	WK	5	
219.00	226.30	QZ/FELD	Planar Veins	MOD	4	
		QZ	Irregular/deformed/segmented	WK	0	
226.30	226.80	CARB	Irregular/deformed/segmented	WK	0	
226.80	229.60	CARB	Fault-related veins	MOD	0	
		QZ	Fault-related veins	MOD	8	
229.60	235.70	QZ	Irregular/deformed/segmented	MOD	3	
		QZ/FELD	Fault-related veins	MOD	15	
235.70	241.00	QZ	Fault-related veins	MOD	6	
		QZ	Irregular/deformed/segmented	WK	1	
241.00	247.50	QZ/FELD	Fault-related veins	MOD	4	
247.50	251.50	QZ	Planar Veins	WK	0	
251.50	252.30	QZ/FELD	Irregular/deformed/segmented	MOD	10	
252.30	255.70	QZ	Planar Veins	WK	0	
255.70	258.80	QZ	Planar Veins	WK	2	
		QZ	Planar Veins	WK	0	
258.80	264.80	QZ	Planar Veins	WK	0	
264.80	270.70	QZ	Planar Veins	MOD	2	
		QZ	Folded	WK	0	
270.70	274.90	QZ	Folded	MOD	1	
		QZ	Planar Veins	MOD	2	
274.90	278.50	QZ/FELD	Fault-related veins	STG	6	
		QZ/FELD	Irregular/deformed/segmented	STG	2	
278.50	285.50	QZ/FELD	Fault-related veins	STG	6	
		QZ/FELD	Irregular/deformed/segmented	STG	2	
		PY	Irregular/deformed/segmented	MOD	2	
285.50	287.10	CARB	Irregular/deformed/segmented	MOD	1	

		QZ	Irregular/deformed/segmented	MOD	30	
287.10	292.50	QZ	Planar Veins	WK	1	Vein 2: Bowser Fmtn
		CARB/QZ	Planar Veins	MOD	2	
292.50	301.00	CARB/QZ/PY	Planar Veins	WK	0	
301.00	303.70	QZ/PY	Irregular/deformed/segmented	MOD	15	
		CARB	Planar Veins	MOD	1	
303.70	305.00	CARB	Stockwork Veins	MOD	2	
305.00	314.50	QZ	Planar Veins	WK	0	
		CARB	Fault-related veins	WK	2	
314.50	314.90	QZ/CARB	Irregular/deformed/segmented	MOD	2	
314.90	316.60	QZ	Planar Veins	WK	0	
316.60	320.00	QZ/CARB	Planar Veins	STG	3	
		CARB/QZ	Planar Veins	MOD	1	
320.00	324.00	QZ/CARB	Fault-related veins	MOD	15	
		CARB/QZ	Planar Veins	MOD	2	
324.00	328.70	QZ	Irregular/deformed/segmented	WK	2	
		CARB	Planar Veins	WK	0	
328.70	332.30	QZ/CARB	Fault-related veins	STG	25	
		QZ/CARB	Planar Veins	MOD	1	
332.30	333.40	QZ/CARB	Planar Veins	WK	0	
333.40	336.50	QZ/CARB	Irregular/deformed/segmented	MOD	1	
		QZ	Irregular/deformed/segmented	MOD	1	
336.50	346.40	QZ/CARB	Fault-related veins	MOD	20	
		CARB/QZ	Irregular/deformed/segmented	WK	2	
346.40	348.00	CARB/QZ	Irregular/deformed/segmented	WK	2	
		QZ	Planar Veins	WK	1	
348.00	351.74	CARB/QZ	Fault-related veins	MOD	4	
		QZ/CARB	Fault-related veins	MOD	4	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
9.00	10.00		undivided foliation-cleavage	WK	
12.30	12.50		undivided foliation-cleavage	MOD	
14.45	14.70		undivided foliation-cleavage	MOD	
16.40	16.50		fault lineations e.g:slickensides/ slickenlines/	WK	
24.00	26.00		undivided foliation-cleavage	WK	
46.60	46.80		undivided foliation-cleavage	WK	
46.80	46.90		fault gouge / clay/ pug	WK	8mm orange clay
65.80	65.90		undivided foliation-cleavage	WK	parallel to layering
66.50	66.70		undivided foliation-cleavage	WK	
72.80	72.90		fault lineations e.g:slickensides/ slickenlines/	WK	
75.80	76.20		undivided foliation-cleavage	WK	
78.70	78.90		fault lineations e.g:slickensides/ slickenlines/	WK	
82.35	82.55		undivided foliation-cleavage	WK	parallel to layering, weak
84.30	85.00		undivided foliation-cleavage	WK	
92.90	94.50		undivided foliation-cleavage	WK	weak flattening, parallel to layering
			bedding / bedded	WK	
98.60	98.70		fault lineations e.g:slickensides/ slickenlines/	WK	
100.90	101.30		undivided foliation-cleavage	MOD	
101.30	101.40		fault lineations e.g:slickensides/ slickenlines/	MOD	graphitic
112.90	113.00		fault lineations e.g:slickensides/ slickenlines/	MOD	
114.30	114.50		fault lineations e.g:slickensides/ slickenlines/	MOD	moderate strength fault zone
114.80	114.90		fault lineations e.g:slickensides/ slickenlines/	WK	
114.90	115.80		undivided foliation-cleavage	WK	

116.30	117.40	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	WK	
118.26	118.80	fault lineations e.g:slickensides/ slickenlines/	MOD	moderate strength fault zone
		undivided foliation-cleavage	WK	
119.30	119.70	fault lineations e.g:slickensides/ slickenlines/	MOD	
126.20	126.60	undivided foliation-cleavage	WK	
130.60	132.50	undivided foliation-cleavage	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
133.50	133.90	bedding / bedded	WK	
139.60	139.70	fault lineations e.g:slickensides/ slickenlines/	MOD	possible fault zone
140.50	142.40	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
142.80	143.00	fault lineations e.g:slickensides/ slickenlines/	WK	possible fault zone
144.60	148.74	fault lineations e.g:slickensides/ slickenlines/	WK	many slicken line and gouge surfaces-every 10-20cm
		fault gouge / clay/ pug	WK	
151.30	151.40	fault lineations e.g:slickensides/ slickenlines/	WK	
152.60	153.80	undivided foliation-cleavage	WK	
155.00	155.70	fault lineations e.g:slickensides/ slickenlines/	WK	2 surfaces
162.50	163.20	undivided foliation-cleavage	WK	
163.90	164.70	undivided foliation-cleavage	WK	small folds
164.80	165.70	undivided foliation-cleavage	WK	
173.90	174.70	undivided foliation-cleavage	WK	parallel to S0
174.85	175.70	fault gouge / clay/ pug	MOD	moderate strength fault zone
		fault lineations e.g:slickensides/ slickenlines/	MOD	
176.40	176.60	fault gouge / clay/ pug	MOD	
176.60	177.00	fault gouge / clay/ pug	MOD	moderate strength fault zone
		fault lineations e.g:slickensides/ slickenlines/	MOD	
178.50	178.90	undivided foliation-cleavage	MOD	parallel to S0
182.50	185.00	undivided foliation-cleavage	MOD	
185.60	186.60	undivided foliation-cleavage	MOD	
188.40	191.00	undivided foliation-cleavage	MOD	parallel to S0
191.70	192.50	undivided foliation-cleavage	WK	
196.88	197.00	fault gouge / clay/ pug	MOD	
198.10	198.30	fault gouge / clay/ pug	MOD	
		shear/ shear zone	MOD	
		cataclastic	MOD	
198.30	200.00	undivided foliation-cleavage	WK	
206.10	206.40	fault lineations e.g:slickensides/ slickenlines/	WK	
206.40	206.60	fault lineations e.g:slickensides/ slickenlines/	WK	
208.00	209.00	bedding / bedded	WK	S0 and S1 sub-parallel
211.10	211.20	fault lineations e.g:slickensides/ slickenlines/	WK	
211.40	211.50	fault lineations e.g:slickensides/ slickenlines/	WK	
216.90	*217.40*	*undivided foliation-cleavage*	WK	*variable 15-45 degrees*
217.40	218.40	fault lineations e.g:slickensides/ slickenlines/	WK	a few surfaces
218.40	218.70	bedding / bedded	WK	
222.20	222.30	fault gouge / clay/ pug	WK	slicken side surfaces 3-4 per metre
223.50	223.70	fault lineations e.g:slickensides/ slickenlines/	WK	2 surfaces
224.20	224.30	fault lineations e.g:slickensides/ slickenlines/	WK	slicken side surfaces 3-4 per metre
227.90	228.10	fault lineations e.g:slickensides/ slickenlines/	WK	vein along surface
228.80	228.90	fault gouge / clay/ pug	STG	
229.60	230.00	fault gouge / clay/ pug	STG	Li Lulu or McKay thrust 228 - 236. Some intrusive dyke material in fault zone.
231.30	*231.80*	*fault gouge / clay/ pug*	*STG*	
231.80	234.00	undivided foliation-cleavage	MOD	Li Lulu or McKay thrust 228 - 236. Some intrusive dyke material in fault zone. Fragements
234.00	234.10	fault lineations e.g:slickensides/ slickenlines/	MOD	Li Lulu or McKay thrust 228 - 236. Some intrusive dyke material in fault zone.

		fault gouge / clay/ pug	MOD	
236.15	236.60	fault gouge / clay/ pug	STG	ZSOO graphitic. Li Lulu or McKay thrust 228 - 236. Some intrusive dyke material in fault zone.
236.60	238.70	undivided foliation-cleavage	MOD	
		fault gouge / clay/ pug	MOD	
239.50	240.80	undivided foliation-cleavage	MOD	
240.80	242.50	undivided foliation-cleavage	WK	
		fault lineations e.g:slickensides/ slickenlines/	WK	
242.90	247.30	fault lineations e.g:slickensides/ slickenlines/	WK	slicken side surfaces every .1-.4m
248.15	248.25	fault lineations e.g:slickensides/ slickenlines/	WK	
251.50	251.70	fault lineations e.g:slickensides/ slickenlines/	WK	
252.20	252.80	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
253.20	255.00	undivided foliation-cleavage	WK	S1 sub-parallel to S0
255.00	259.00	undivided foliation-cleavage	WK	S1 sub-parallel to S0
269.20	269.30	fault lineations e.g:slickensides/ slickenlines/	WK	not much structurally volc breccia weak flattening only
274.80	274.90	fault gouge / clay/ pug	MOD	weak slicken lines every 0.1-0.5m
274.90	281.20	fault gouge / clay/ pug	WK	
281.20	282.00	fault gouge / clay/ pug	MOD	Coulter Creek thrust
		fault lineations e.g:slickensides/ slickenlines/	MOD	
282.00	285.50	fault lineations e.g:slickensides/ slickenlines/	WK	
285.50	287.10	fault gouge / clay/ pug	STG	graphitic fault. Coulter Creek thrust. Bowser Fm?
287.60	292.20	bedding / bedded	STG	slicken sides parallel to S0 (graphitic)
292.20	298.00	bedding / bedded	STG	
300.20	300.40	fault lineations e.g:slickensides/ slickenlines/	WK	
301.40	301.60	fault lineations e.g:slickensides/ slickenlines/	WK	
304.20	304.40	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
304.50	304.60	fault lineations e.g:slickensides/ slickenlines/	WK	
305.00	306.00	bedding / bedded	MOD	
308.00	308.20	fault lineations e.g:slickensides/ slickenlines/	WK	
309.60	309.70	fault lineations e.g:slickensides/ slickenlines/	WK	
309.70	314.40	folded lithologies	MOD	
		bedding / bedded	STG	
314.40	314.90	fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
314.90	322.50	fault gouge / clay/ pug	MOD	many small faults and graphitic slicken sides gouge/cataclastic zones all ZSOO.. Avg spacing 10cm
		cataclastic	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
		bedding / bedded	STG	
322.50	325.60	bedding / bedded	STG	variable
		folded lithologies	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
325.60	328.90	bedding / bedded	STG	
		folded lithologies	MOD	
328.90	330.70	fault gouge / clay/ pug	STG	fault zone
		fault lineations e.g:slickensides/ slickenlines/	STG	
330.70	334.60	fault lineations e.g:slickensides/ slickenlines/	WK	variable
		bedding / bedded	STG	
		folded lithologies	MOD	
334.60	336.00	fault lineations e.g:slickensides/ slickenlines/	MOD	slicken sides every 10-30cm graphitic
337.60	337.90	fault lineations e.g:slickensides/ slickenlines/	STG	
339.20	339.40	fault lineations e.g:slickensides/ slickenlines/	STG	
340.50	342.40	bedding / bedded	STG	very broken and faulted

342.40	342.60	fault gouge / clay/ pug	STG
342.60	346.60	bedding / bedded	STG
346.60	348.20	bedding / bedded	STG
348.20	351.50	bedding / bedded	STG
		folded lithologies	MOD
351.50	351.74	fault lineations e.g:slickensides/ slickenlines/	MOD

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Be ppm	Hg ppb	Sb ppm	Mn ppm
69.80	71.80	176785	CORE_UN	0.02		20		4	14	69	12	109		-3	78
77.00	79.00	176786	CORE_UN	0.08		80		6	29	113	185	122		4	27
87.50	89.50	176787	CORE_UN	0.06		60		6	27	112	135	79		-3	55
96.50	98.50	176788	CORE_UN	0.02		20		6	21	131	40	64		4	50
108.00	110.00	176789	CORE_UN	0.01		10		5	21	133	37	78		3	41
118.00	120.00	176790	CORE_UN	0.02		20		5	25	170	139	89		6	103
127.40	129.00	176791	CORE_UN	0.02		20		5	21	115	38	65		5	69
145.00	147.00	176792	CORE_UN	0.04		40		6	19	109	41	69		5	98
163.70	165.70	176793	CORE_UN	0.02		20		5	24	121	10	78		5	83
192.00	194.10	176794	CORE_UN	0.01		10		4	10	69	8	63		-3	1564
223.70	224.30	176795	CORE_UN	0.02		20		32	32	27	98	36		17	239
228.40	228.10	176796	CORE_UN	0.02		20		8	18	108	21	57		3	631
228.10	229.60	176798	CORE_UN	0.01		10		7	17	145	10	62		-3	214
229.60	231.30	176799	CORE_UN	0.01		10		7	20	141	33	68		-3	120
233.40	235.80	176800	CORE_UN	0.01		10		4	17	127	17	56		-3	145
235.80	236.30	176797	CORE_UN	0.03		30		71	36	1021	165	38		38	183
244.30	246.30	176801	CORE_UN	-0.01		-10		10	23	160	32	58		6	131
261.80	263.80	176802	CORE_UN	-0.01		-10		6	21	165	4	77		3	77
276.30	277.70	176803	CORE_UN	0.02		20		35	60	177	70	64		28	605
277.70	279.30	176804	CORE_UN	0.01		10		8	25	151	7	100		4	312
279.30	281.30	176805	CORE_UN	-0.01		-10		4	12	97	6	45		3	198
281.30	283.20	176806	CORE_UN	-0.01		-10		6	14	109	146	55		3	215
283.20	285.50	176807	CORE_UN	0.01		10		4	6	78	25	29		-3	261
285.50	287.60	176808	CORE_UN	0.03		30		29	13	204	305	102		10	684
287.60	289.60	176809	CORE_UN	0.01		10		42	12	138	33	82		12	1150
289.60	291.60	176810	CORE_UN	0.01		10		48	8	173	32	74		9	677
298.00	300.20	176811	CORE_UN	0.01		10		40	11	129	25	81		-3	330
300.20	302.00	176812	CORE_UN	0.02		20		55	13	437	52	36		5	1625
317.60	319.60	176813	CORE_UN	0.01		10		26	7	175	147	40		9	693
322.40	323.90	176814	CORE_UN	0.01		10		32	6	219	20	50		6	338
328.90	331.00	176815	CORE_UN	0.01		10		47	16	237	55	49		13	516

331.00	333.00	176816	CORE_UN	0.01	10	29	5	204	22	93	6	563
333.00	334.00	176817	CORE_UN	0.01	10	29	9	166	23	75	7	766
334.00	336.00	176818	CORE_UN	0.01	10	49	8	178	49	69	7	792
337.90	339.70	176819	CORE_UN	0.01	10	96	10	1209	68	25	14	417

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_118

Header

Hole ID	02_118	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	386.79	m		*Date completed*	10/10/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	19323.02	15276.43		m
UTM Grid	NAD83_9	409193.57	6275445.74	1182.52	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	293.7	Astronomic (	293.7	-50.8	Camera	
63.70	m	300.8	Astronomic (	300.8	-50.0	Compass	
121.92	m	297.8	Astronomic (	297.8	-49.5	Compass	
185.62	m	300.8	Astronomic (	300.8	-51.0	Compass	
243.84	m	301.8	Astronomic (	301.8	-51.5	Compass	
386.79	m	306.8	Astronomic (	306.8	-49.0	Compass	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	1.52		CASE			100	
1.52	10.88		VIOX			100	
10.88	11.60		VIOO			100	
11.60	18.16		VIOX			100	
18.16	18.24		IIOO			100	
18.24	20.40		VIOO			100	
20.40	30.33		VIOX			100	
30.33	30.51		ZVOO			100	
30.51	30.73		ZVOO			100	
30.73	41.78		VIOO			100	
41.78	59.15		VIOX			100	
59.15	60.25		ZOOO			100	
60.25	65.84		VIOX			100	
65.84	69.57		ZOOO			100	
69.57	73.05		VIOX			100	
73.05	73.45		ZOOO			100	

73.45	80.40	VIOX	100
80.40	81.25	ZOOO	100
81.25	81.40	YIOR	100
81.40	82.50	VIOX	100
82.50	83.00	YOOR	100
83.00	83.50	YIOR	100
83.50	83.94	ZOOO	100
83.94	85.20	VIOO	100
85.20	88.25	YIOR	100
88.25	89.00	ZOOO	100
89.00	89.22	YIOR	100
89.22	89.45	VIOO	100
89.45	90.00	ZOOO	100
90.00	90.50	VIOO	100
90.50	92.10	VIOX	100
92.10	92.25	ZOOO	100
92.25	94.20	VIOX	100
94.20	94.82	ZOOO	100
94.82	100.10	VIOX	100
100.10	100.80	YOOR	100
100.80	106.70	SGVO	100
106.70	107.95	ZOOO	100
107.95	124.80	VIOX	100
124.80	124.90	ZOOO	100
124.90	128.38	YOOR	100
128.38	129.28	ZOOO	100
129.28	141.65	VIOX	100
141.65	142.55	YIOR	100
142.55	164.24	VIOX	100
164.24	166.35	SGVO	100
166.35	167.50	VIOX	100
167.50	168.88	YOOR	100
168.88	190.00	VIOX	100
190.00	191.15	ZOOO	100
191.15	197.90	VIOX	100
197.90	199.35	VIOO	100
199.35	199.85	ZVOO	100
199.85	203.30	VIOO	100
203.30	203.77	VIOX	100
203.77	206.25	VIOX	100
206.25	206.65	IIOO	100
206.65	207.80	VIOX	100
207.80	209.34	VIOH	100
209.34	210.10	VIOO	100
210.10	227.30	VIOX	100

227.30	228.83	VIOO	100
228.83	236.40	VIOX	100
236.40	236.66	VIOX	100
236.66	247.77	VIOX	100
247.77	247.93	ZOOO	100
247.93	249.10	YIOR	100
249.10	249.30	ZOOO	100
249.30	250.30	YOOR	100
250.30	250.86	YIOR	100
250.86	261.00	VIOO	100
261.00	261.25	ZOOO	100
261.25	262.60	VIOO	100
262.60	262.87	ZOOO	100
262.87	265.22	VIOO	100
265.22	266.08	VIOX	100
266.08	266.40	ZOOO	100
266.40	268.25	VIOO	100
268.25	270.22	VIOX	100
270.22	270.28	SICO	100
270.28	271.46	YIOR	100
271.46	271.80	ZOOO	100
271.80	275.28	VIOO	100
275.28	275.84	YIOR	100
275.84	276.74	SACO	100
276.74	278.89	SICO	100
278.89	280.88	ZOOO	100
280.88	282.64	VIOO	100
282.64	284.26	SICO	100
284.26	284.69	SACO	100
284.69	285.13	SWCO	100
285.13	286.05	XSWC	100
286.05	286.90	XSWC	100
286.90	286.94	SACO	100
286.94	288.11	XSWC	100
288.11	288.46	SGVO	100
288.46	288.74	XSAV	100
288.74	289.04	XSAV	100
289.04	289.75	XSAV	100
289.75	302.12	SICO	100
302.12	302.76	XSAV	100
302.76	304.16	SWCO	100
304.16	305.44	SWCO	100
305.44	307.07	XSWC	100
307.07	308.66	SAVO	100
308.66	309.25	SWVO	100

309.25	311.48	SACO	100
311.48	311.56	VOOO	100
311.56	312.12	ZOOO	100
312.12	322.60	SICO	100
322.60	323.86	VOOO	100
323.86	328.12	VIOO	100
328.12	330.45	VIOX	100
330.45	331.11	YOOR	100
331.11	333.41	VIOO	100
333.41	334.61	VIOX	100
334.61	351.98	VIOO	100
351.98	352.65	VIOX	100
352.65	358.43	VIOO	100
358.43	359.43	VIOX	100
359.43	371.26	VIOO	100
371.26	372.30	VIOX	100
372.30	373.50	VIOO	100
373.50	382.52	VIOX	100
382.52	384.33	VIOO	100
384.33	386.79	VIOO	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
1.52	13.25		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
13.25	13.30		Carbonatization	ff	STG	CARB	STG	PY	STG	GN	TR		
			Carbonatization	pat	STG	CARB	STG	PY	STG	SP	TR		
13.30	21.38		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
21.38	28.00		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
28.00	30.33		Sericitiziation	pv	WK	SERI	MOD	PY	TR	QZ	WK		
30.33	30.51		Silicic/Silicification	ff	STG	QZ	INT	PY	MOD	CL	MOD		
			Silicic/Silicification	pat	STG	QZ	INT	PY	MOD				
30.51	32.30		Silicic/Silicification	ff	WK	QZ	MOD	PY	MOD	SP	TR	SERI	
			Silicic/Silicification	pat	WK	QZ	MOD	PY	MOD	GN	TR		
32.30	57.50		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
57.50	59.84		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
			Sulphidic	ff	WK	PY	WK	SP	TR	GN	TR		
59.84	62.50		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
62.50	69.57		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
69.57	80.40		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
80.40	82.50		Sericitiziation	pv	WK	SERI	MOD	PY	WK			GR	
82.50	83.00		Sericitiziation	pv	MOD	SERI	STG	PY	MOD			GR	
83.00	83.94		Sericitiziation	pv	WK	SERI	WK	PY	WK				
83.94	85.20		Sericitiziation	pv	WK	SERI	WK	PY	TR				
85.20	89.22		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
89.22	89.45		Sericitiziation	pv	MOD	SERI	MOD	PY	TR				
			Silicic/Silicification	bd	MOD	QZ	STG	PY	WK				
89.45	93.00		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
93.00	94.82		Sericitiziation	pv	WK	SERI	MOD	PY	WK			QZ	
94.82	99.00		Sericitiziation	pv	WK	SERI	MOD	SERI	MOD	PY	WK		
99.00	101.20		Sericitiziation	pv	MOD	SERI	STG	PY	WK			QZ	

101.20	107.95	Chloritization	pv	WK	CL	MOD	CL	MOD	PY	TR		
107.95	118.00	Chloritization	pv	WK	CL	MOD	CL	MOD	PY	TR		
		Silicic/Silicification	ff	WK	QZ	WK	PY	WK				
118.00	121.00	Chloritization	pv	WK	CL	MOD	CL	MOD	PY	TR		
121.00	124.80	Mineral Assemblage (un	pv	WK	CL	MOD	PY	WK	AB	MOD	SE	
		Mineral Assemblage (un	pat	WK	CL	MOD	PY	WK				
124.80	128.38	Mineral Assemblage (un	pv	MOD	SERI	MOD	PY	MOD	AB	MOD	CARB	
		Mineral Assemblage (un	pat	MOD	PY	MOD						
128.38	141.65	Chloritization	pv	WK	CL	MOD	PY	WK	AB	WK	CARB	
		Chloritization	pat	WK	CL	MOD	PY	WK				
141.65	142.55	Mineral Assemblage (un	pv	MOD	SERI	STG	CL	MOD	PY	WK		
		Mineral Assemblage (un	pat	MOD	SERI	STG	CL	MOD	PY	WK		
142.55	164.24	Chloritization	pv	WK	CL	MOD	PY	WK				
		Chloritization	pat	WK	CL	MOD	PY	WK				
164.24	166.15	Chloritization	pv	WK	CL	MOD	PY	WK	SERI	MOD		
		Chloritization	pat	WK	CL	MOD	PY	WK				
166.15	166.35	Chloritization	pv	STG	CL	INT	PY	TR				
166.35	168.88	Chloritization	pv	WK	CL	MOD	PY	WK	SERI	MOD		
		Chloritization	pat	WK	CL	MOD	PY	WK				
168.88	173.00	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
		Silicic/Silicification	bd	MOD	QZ	MOD	PY	WK				
173.00	189.68	Mineral Assemblage (un	pv	WK	SERI	MOD	CL	MOD	PY	WK		
189.68	190.00	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	STG		
		Silicic/Silicification	ff	STG	QZ	STG	PY	STG				
190.00	190.80	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	MOD		
190.80	196.97	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	WK		
196.97	197.90	Chloritization	pv	WK	CL	MOD	SERI	MOD	PY	WK		
197.90	203.15	Silicic/Silicification	pv	WK	QZ	MOD	SERI	MOD	PY	WK	CL	
		Sericitiziation	pv	WK	PY	WK						
203.15	203.77	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	WK		
203.77	207.30	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	WK	CL	
207.30	209.34	Sericitiziation	pv	WK	SERI	MOD	CL	WK	CL	WK	PY	
209.34	210.10	Silicic/Silicification	pv	STG	QZ	STG	SERI	MOD	PY	WK		
210.10	213.05	Silicic/Silicification	pv	WK	QZ	MOD	SERI	MOD	PY	WK	CL	
213.05	215.00	Sericitiziation	pv	WK	SERI	MOD	QZ	WK	PY	WK		
215.00	236.66	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	WK		
236.66	240.74	Silicic/Silicification	pv	WK	QZ	MOD	SERI	MOD	PY	WK	CL	
240.74	247.27	Sericitiziation	pv	WK	SERI	MOD	PY	WK				
		Silicic/Silicification	ff	WK	QZ	MOD	GR	MOD	PY	WK		
247.27	247.93	Sericitiziation	pv	WK	SERI	MOD	GR	MOD	PY	WK		
247.93	250.86	Sericitiziation	pv	MOD	SERI	STG	SERI	STG	GR	MOD	GR/PY	
250.86	254.75	Sericitiziation	pv	WK	SERI	MOD	PY	WK				
		Silicic/Silicification	pat	MOD	QZ	STG	GR	WK	PY	TR		
		Silicic/Silicification	ff	MOD	QZ	STG	PY	TR				
254.75	261.00	Sericitiziation	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK				
		Silicic/Silicification	pat	WK	QZ	MOD						
261.00	266.08	Sericitiziation	pv	MOD	SERI	STG	PY	MOD			GR/GR	
266.08	270.08	Sericitiziation	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	ff	WK	QZ	WK	PY	WK	GR	WK		
		Silicic/Silicification	pat	WK	QZ	WK	PY	WK	GR	WK		
270.08	270.22	Sulphidic	ff	STG	PY	MOD	SL	WK	SE	STG		
		Sulphidic	pat	STG	PY	MOD	SL	WK				
270.22	271.46	Sericitiziation	pv	MOD	SERI	STG	PY	MOD			CL	

271.46	275.84	Sericitiziation	pv	MOD	SERI	STG	PY	TR				
		Silicic/Silicification	ff	WK	QZ	WK	PY	TR				
275.84	280.88	Pyritic	diss	WK	PY	MOD						
		Pyritic	pat	WK	PY	MOD						
		Pyritic	ff	WK	PY	MOD						
280.88	282.00	Silicic/Silicification	pv	MOD	QZ	STG	SERI	MOD	PY	WK		
282.00	282.64	Sericitiziation	pv	MOD	SERI	STG	PY	MOD				
282.64	284.69	Pyritic	diss	WK	PY	MOD						
		Pyritic	pat	WK	PY	MOD						
284.69	286.90	Pyritic	diss	WK	PY	WK						
		Pyritic	pat	WK	PY	WK						
286.90	289.75	Pyritic	diss	WK	PY	WK						
		Pyritic	pat	WK	PY	WK						
289.75	317.80	Pyritic	diss	WK	PY	WK						
		Pyritic	pat	WK	PY	WK						
317.80	322.34	Pyritic	diss	WK	PY	WK						
		Pyritic	pat	WK	PY	WK						
		Pyritic	ff	WK	PY	WK	QZ	WK	GN	TR	SP/CARB	
322.34	322.60	Pyritic	ff	INT	PY	INT	SERI	STG	GN	TR	SP	
		Pyritic	bd	STG	PY	INT						
322.60	323.86	Pyritic	diss	WK	PY	WK						
		Pyritic	pat	WK	PY	WK						
		Silicic/Silicification	ff	WK	QZ	STG	PY	MOD	GN	TR	SP	
323.86	325.16	Sericitiziation	pv	WK	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	pv	MOD	QZ	STG	PY	WK	GN	TR	SP	
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK				
325.16	330.45	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	WK		
		Silicic/Silicification	ff	MOD	QZ	STG	PY	MOD	GN	TR	SP	
330.45	331.11	Sericitiziation	pv	STG	SERI	STG	PY	MOD	GN	TR		
		Sericitiziation	bd	STG	SERI	STG	PY	MOD				
331.11	351.98	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK	GN	TR	SL	
351.98	352.65	Sericitiziation	pv	MOD	SERI	MOD	PY	WK				
		Silicic/Silicification			QZ	STG	PY	STG			GN/SL	
352.65	358.43	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK	GN	TR	SL	
358.43	359.43	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	ff	MOD	QZ	MOD	PY	MOD	SP	TR	GN/CD	
359.43	361.58	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK	CD	TR	GN/SP/GR	
361.58	365.28	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD		
		Silicic/Silicification	ff	WK	QZ	WK	PY	WK	GN	TR	SL	
365.28	365.84	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ			
		Silicic/Silicification	ff	MOD	QZ	STG	PY	MOD				
365.84	371.26	Sericitiziation	pv	MOD	SERI	STG	PY	TR	QZ	MOD		
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK				
371.26	372.30	Sericitiziation	pv	MOD	SERI	MOD	PY	TR				
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK	GR	TR		
		Silicic/Silicification	pv	MOD	QZ	STG						
372.30	374.58	Sericitiziation	pv	MOD	SERI	MOD	PY	WK				
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK				
		Silicic/Silicification	pv	MOD	QZ	STG	PY	WK				
374.58	382.52	Sericitiziation	pv	MOD	SERI	STG	PY	WK				
		Silicic/Silicification	ff	MOD	QZ	STG	PY	WK	GR	WK		

		Silicic/Silicification	pv	MOD	QZ	STG	PY		WK		
382.52	384.33	Sericitiziation	pv	MOD	SERI	STG	PY		WK		
		Silicic/Silicification	ff	WK	QZ	MOD	PY		WK		
		Silicic/Silicification	pv	WK	QZ	MOD					
384.33	386.79	Sericitiziation	pv	MOD	SERI	MOD	PY		WK		
		Silicic/Silicification	ff	MOD	QZ	STG	PY		MOD	GR	WK
		Silicic/Silicification	pv	MOD	QZ	STG					

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
1.52	7.50		QZ	Planar Veins	UNK	3	
7.50	17.50		PY/SERI	Stringer Veins	UNK	2	
17.50	17.60		PY/QZ	Planar Veins	UNK	10	
17.60	25.00		QZ/PY	Fracture Veins	UNK	3	
25.00	27.00		PY/SCR	Stringer Veins	UNK	3	
27.00	50.00		QZ/FECB	Planar Veins	UNK	3	
50.00	59.00		QZ/FECB	Fracture Veins	WK	3	
			PY/SERI	Stringer Veins	WK	3	
59.00	65.00		QZ/FECB	Planar Veins	WK	3	
65.00	69.00		QZ	Planar Veins	MOD	15	
69.00	77.00		QZ/FECB	Planar Veins	MOD	3	
77.00	83.50		QZ/CARB	Planar Veins	WK	1	
83.50	93.00		QZ/CARB	Fracture Veins	WK	2	
100.00	102.50		QZ/PY	Planar Veins	WK	3	
			QZ/FECB	Planar Veins	WK	2	
102.50	104.00		CARB/QZ	Tension Gashes	MOD	2	
122.50	139.00		CARB	Planar Veins	WK	20	
			PY/CARB	Stringer Veins	WK	2	
139.00	150.00		CARB	Fracture Veins	WK	3	
			QZ/CARB	Planar Veins	WK	1	
150.00	162.00		CARB	Fracture Veins	UNK	5	
167.00	167.20		CARB	Brecciated Veins	INT		
170.00	172.00		CARB	Fracture Veins	MOD	2	
			QZ	Planar Veins	WK	3	
172.00	185.00		CARB/QZ	Planar Veins	WK	2	
185.00	188.50		CARB/QZ	Planar Veins	MOD	4	
188.50	200.00		CARB/QZ	Fracture Veins	MOD	2	
200.00	209.00		CARB	Fracture Veins	UNK	3	
220.00	224.00		CARB/QZ	Fracture Veins	MOD	2	
224.00	231.00		CARB	Fracture Veins	MOD	2	
231.00	239.00		CARB/QZ	Fracture Veins	WK	1	
239.00	243.50		CARB/QZ	Planar Veins	MOD		
243.50	250.00		CARB/QZ	Fracture Veins	UNK	1	
250.00	254.00		CARB/QZ	Fracture Veins	UNK	2	quartz veining is at low angles to core axis
254.00	254.75		QZ/CARB	Planar Veins	UNK	10	
254.75	265.50		CARB/QZ	Fracture Veins	UNK	2	
265.50	276.00		QZ/CARB	Planar Veins	MOD	5	
278.60	280.00		QZ/CARB	Planar Veins	MOD	5	
280.00	289.00		CARB	Planar Veins	WK	3	
289.00	300.00		CARB/PY	Planar Veins	WK	3	
300.00	307.00		CARB/QZ	Fracture Veins	UNK	2	
307.00	311.48		QZ/CL	Planar Veins	UNK	8	
311.48	311.56		QZ/FECB	Brecciated Veins	UNK		

311.56	314.15	CARB	Fracture Veins	STG	2	
		CARB	Planar Veins	MOD	5	
314.15	322.50	CARB/PY	Fracture Veins	MOD		
		CARB	Planar Veins	WK	10	
322.50	322.65	PY/QZ	Massive Veins	STG	40	
322.65	323.80	QZ/CARB	Fault-related veins	STG	5	
325.00	350.00	PY/SERI	Net-like veining	WK		
350.00	386.79	PY/SERI	Net-like veining	MOD	1	massive quartz sericite-pyrite altn
		QZ/FECB	Planar Veins	WK	2	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
32.30	32.50		fault lineations e.g:slickensides/ slickenlines/	WK	
33.20	37.80		undivided foliation-cleavage	WK	very weak
39.00	39.25		fault gouge / clay/ pug	WK	
42.68	42.76		fault gouge / clay/ pug	WK	
45.90	50.00		undivided foliation-cleavage	WK	
50.00	56.00		massive / undeformed	WK	
56.00	60.00		fracture zone	INT	
60.00	100.00		fracture zone	MOD	
66.00	67.50		fracture zone	INT	rubble
67.50	70.00		fracture zone	INT	
88.50	89.50		fracture zone	INT	
89.50	93.50		fracture zone	MOD	
100.00	106.50		fracture zone	INT	
106.50	107.00		fault gouge / clay/ pug		
128.00	128.50		shear/ shear zone		
128.50	150.00		massive / undeformed		
150.00	185.00		massive / undeformed		
185.00	185.20		fracture		
185.20	189.68		massive / undeformed		
189.68	190.00		shear/ shear zone	WK	
190.00	200.00		massive / undeformed		
200.00	219.00		massive / undeformed	WK	
224.00	236.50		massive / undeformed	WK	
236.50	236.80		shear/ shear zone		shear zone
250.00	254.50		shear/ shear zone	WK	
254.50	261.00		massive / undeformed		
			shear/ shear zone	WK	
261.00	265.90		massive / undeformed		
265.90	266.40		fracture	MOD	
266.40	271.50		massive / undeformed		
271.50	272.00		fracture	MOD	
272.00	275.50		massive / undeformed		
275.50	276.00		fracture	MOD	
276.00	278.89		bedding / bedded	INT	
278.89	280.72		fault gouge / clay/ pug	INT	
280.72	289.00		bedding / bedded	INT	
289.00	290.00		bedding / bedded	WK	
293.40	293.50		fault gouge / clay/ pug	INT	
300.00	302.50		bedding / bedded	MOD	
302.50	302.60		shear/ shear zone	INT	
302.60	311.48		bedding / bedded	MOD	
311.48	312.36		shear/ shear zone	INT	

312.36	387.00	massive / undeformed		INT	massive unit from 312.36 to 387 - excellent core recovery
350.00	362.50	massive / undeformed			
362.50	367.50	massive / undeformed		INT	
		fracture zone		WK	

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
2.80	5.00	134016	CORE_HALF	0.0935		93.5	282	4.54	474.46	922.4	113.4	63.6	395	1.29	1394
5.00	7.00	134017	CORE_HALF	0.0424		42.4	92	10.84	68.66	169	39.2	108	29	0.55	1312
7.00	9.00	134018	CORE_HALF	0.0023		2.3	14	2.48	4.86	67.5	4.6	99.6	17	0.21	2080
9.00	11.00	134019	CORE_HALF	0.0017		1.7	14	1.71	5.03	80.6	4.1	100.7	16	0.21	1557
11.00	12.50	134020	CORE_HALF	0.0571		57.1	100	4.87	12.34	93.6	73.6	100.6	151	2.08	1332
12.50	14.50	176080	CORE_UN	0.1		100		4	92	278	130	40		-3	1534
14.50	16.00	134021	CORE_HALF	0.0372		37.2	68	4.37	14.04	146.9	23.3	110.8	18	0.44	2687
16.00	17.00	134022	CORE_HALF	0.0999		99.9	304	5.19	33.18	69.2	78.7	43.4	188	3.02	1625
17.00	18.00	134023	CORE_HALF	0.1237		123.7	155	5.47	25.54	76.1	69	83.9	66	1.17	1892
18.00	19.00	134024	CORE_HALF	0.0472		47.2	89	4.29	21.09	70.7	30.9	106.9	18	0.44	2462
19.00	20.00	134025	CORE_HALF	0.0686		68.6	107	6.3	23.76	40.3	45.6	103.3	15	0.43	1927
		134026	CORE_HALF	0.0766		76.6	116	5.91	19.24	46.2	53.9	101.2	16	0.49	1696
20.00	21.00	134027	CORE_HALF	0.0255		25.5	51	7.43	5.02	45.8	20.5	118.1	8	0.34	2453
21.00	22.00	134028	CORE_HALF	0.0994		99.4	1054	12.45	972.08	2405.3	55.8	107.6	755	1.16	2003
22.00	23.00	134029	CORE_HALF	0.0667		66.7	93	5.08	39.78	101	29.3	109.2	24	0.41	2252
23.00	24.00	134030	CORE_HALF	0.1517		151.7	502	6.67	597.6	1333.1	60.7	78.7	632	0.75	1647
24.00	25.00	134031	CORE_HALF	0.0463		46.3	53	5.09	7.95	40	22	119	11	0.29	1736
25.00	27.00	134032	CORE_HALF	0.0373		37.3	28	1.49	4.91	48.4	6.4	120.3	12	0.18	1512
27.00	29.00	134033	CORE_HALF	0.0068		6.8	17	1.45	1.62	40.9	6.8	144.1	14	0.2	1548
29.00	30.33	134034	CORE_HALF	0.05		50	62	2.81	13.42	36.7	33.5	43	21	0.47	1407
30.33	32.31	176081	CORE_UN	0.44		440		5	689	715	153	18		3	1302
32.31	34.00	134035	CORE_HALF	0.0346		34.6	357	5.22	497.63	902.6	19.2	116.4	216	0.48	1664
34.00	35.00	134036	CORE_HALF	0.0229		22.9	289	17.64	580.07	901.5	24.5	118.8	229	0.6	2144
35.00	36.00	134037	CORE_HALF	0.064		64	146	3.31	27.97	61.4	49.9	51.4	50	0.62	1431
36.00	37.00	134038	CORE_HALF	0.0751		75.1	115	2.67	56.34	82.6	43.6	59.2	67	0.52	767
37.00	39.00	134039	CORE_HALF	0.1271		127.1	240	3.84	133.03	222.2	67.3	44.8	106	0.95	1269
39.00	40.00	134040	CORE_HALF	0.0953		95.3	1217	9.99	3061.4	2246.3	66.3	28	629	4.49	1106
40.00	41.00	134041	CORE_HALF	0.0603		60.3	200	3.04	79.83	155.8	48.7	39.3	77	1.63	1909
41.00	42.00	134042	CORE_HALF	0.0789		78.9	268	2.91	37.19	54.5	47	38.7	21	0.66	1855
42.00	43.00	134043	CORE_HALF	0.1498		149.8	275	3.08	211.53	310	56.7	44.8	87	0.78	1301
43.00	44.00	134044	CORE_HALF	0.1521		152.1	320	5.04	105.82	108.1	85.6	35.8	103	1.76	2688
44.00	45.00	134045	CORE_HALF	0.0574		57.4	77	2.45	16.93	54.1	30	93.1	16	0.41	2382

45.00	46.00	134046	CORE_HALF	0.0766	76.6	151	3.23	16.52	513.4	44.1	68.4	149	0.45	1525
46.00	46.80	134047	CORE_HALF	0.0371	37.1	74	3.12	35.17	76.6	34.9	69.7	19	0.37	1993
46.80	48.00	134048	CORE_HALF	0.2736	273.6	476	3.14	243.8	75.4	108.2	53.8	55	2.76	1411
48.00	49.00	134050	CORE_HALF	0.284	284	410	5.43	19.9	33	103.1	40.7	61	2.68	1113
		134049	CORE_HALF	0.278	278	365	3.68	23.66	46.3	97.7	36.7	67	2.17	1282
49.00	50.00	134330	CORE_HALF	0.1642	164.2	394	5.17	324.33	831.7	82	55.5	236	2.45	1943
50.00	52.00	134331	CORE_HALF	0.1447	144.7	185	10.89	223.68	273.3	24.1	96.7	51	0.53	2146
52.00	54.00	134332	CORE_HALF	0.0195	19.5	430	42.07	832.68	1325.3	13.5	110.4	316	0.57	2421
54.00	56.00	134333	CORE_HALF	0.1353	135.3	370	8.42	572.75	792.3	72.5	62.7	248	1.67	2217
56.00	57.15	134334	CORE_HALF	0.1718	171.8	599	3.82	826.62	854.9	74.2	46.2	308	1.76	1950
57.15	59.15	176082	CORE_UN	0.23	230		5	372	299	80	19		-3	1377
59.15	61.00	134335	CORE_HALF	0.0945	94.5	363	3.36	680.55	874.7	66.6	57.6	489	1.99	2572
61.00	63.00	134336	CORE_HALF	0.008	8	46	1.7	23.52	122.5	13.5	134.9	122	0.72	2343
63.00	64.40	134337	CORE_HALF	0.0085	8.5	150	35.79	113.55	235.5	6.1	85.9	54	0.58	2004
64.40	66.00	134338	CORE_HALF	0.008	8	257	77.81	512.45	346.2	6.7	76	96	0.67	2222
66.00	66.75	134339	CORE_HALF	0.0097	9.7	268	29.52	736.6	820.2	11.1	85.9	231	0.81	2479
66.75	69.19	134340	CORE_HALF	0.0065	6.5	40	3.23	33.43	108.3	8.9	117.2	28	0.31	1888
69.19	70.00	134341	CORE_HALF	0.0377	37.7	104	4.91	26.84	140.9	15.6	107.6	40	0.57	1617
70.00	72.00	134342	CORE_HALF	0.0507	50.7	63	3.76	30.15	88.4	4.3	108.5	45	0.46	2115
72.00	74.68	134343	CORE_HALF	0.0174	17.4	160	33.57	266.96	371.8	4.3	120.7	96	0.5	2146
74.68	76.00	134344	CORE_HALF	0.055	55	319	65.76	512.48	689	5.1	110.3	140	0.53	2101
76.00	77.50	134345	CORE_HALF	0.0553	55.3	889	223.68	1446.2	1911.1	6.9	100	339	1.1	2503
77.50	79.00	134346	CORE_HALF	0.0877	87.7	467	43.07	875.95	998.1	73.4	91.5	190	1.21	2253
79.15	80.50	176083	CORE_UN	0.17	170		94	2236	3311	73	26		4	2176
80.50	83.00	176084	CORE_UN	0.02	20		3	138	263	13	49		-3	1939
82.00		134347	CORE_HALF	0.0265	26.5	196	6.73	235.67	438.3	12.9	44.9	109	0.58	2702
83.00	85.00	134348	CORE_HALF	0.0412	41.2	217	5.01	233.66	408.5	25.8	85.7	82	0.67	2784
85.00	87.00	134349	CORE_HALF	0.0039	3.9	150	11.06	160.86	362.4	8	119.6	66	0.34	1793
		134350	CORE_HALF	0.0045	4.5	130	9.27	153.29	307.7	8.4	148.8	58	0.34	1880
87.00	89.00	134401	CORE_HALF	0.0072	7.2	85	12.13	70.27	217.3	4.6	139.9	34	0.35	2602
89.00	90.00	134402	CORE_HALF	0.0388	38.8	315	19.91	13.38	67	13.7	112.9	33	0.76	3319
90.00	91.00	134403	CORE_HALF	0.1784	178.4	469	10.33	482.66	226.4	145.2	33.4	62	1.17	916
91.00	92.00	134404	CORE_HALF	0.1227	122.7	218	8.27	114.87	182	96	65.2	46	0.76	1204
92.00	93.00	134405	CORE_HALF	0.0236	23.6	61	6.48	11.43	53.4	30.2	145.8	11	0.31	2131
93.00	95.00	176085	CORE_UN	0.04	40		11	17	58	23	54		-3	2059
95.00	97.00	134406	CORE_HALF	0.045	45	270	11.94	443.02	699.3	48.5	71.4	183	0.54	1687
97.00	99.00	134407	CORE_HALF	0.0426	42.6	341	62.26	371.48	649	42.3	115.5	169	0.62	2100
99.00	100.00	134408	CORE_HALF	0.1636	163.6	305	6.4	189.51	245.9	114.4	37.5	96	0.81	1337
100.00	101.00	134409	CORE_HALF	0.0438	43.8	318	44.04	10.97	62	43.3	138.4	24	1.41	1679
101.00	103.20	134410	CORE_HALF	0.0493	49.3	141	34.29	3.37	89	11.7	128.2	23	0.39	2193
103.20	105.00	134411	CORE_HALF	0.014	14	148	18.64	5.33	179.6	15.7	261.9	143	1.7	2759
105.00	107.00	134412	CORE_HALF	0.0403	40.3	87	7.65	8.04	111	22.9	168.3	21	0.43	2519
107.00	109.00	134413	CORE_HALF	0.1736	173.6	305	8.95	14.51	169.8	108.1	38.4	59	1	2816

109.00	111.00	134414	CORE_HALF	0.0372		37.2	66	9.6	2.12	194.2	12.5	89.3	26	0.3	2714
111.00	113.00	134415	CORE_HALF	0.0546		54.6	153	4.76	3.39	147.2	20.8	91.1	17	0.43	2550
113.00	115.00	134416	CORE_HALF	0.0522		52.2	56	15.57	1.76	76	29.8	108.6	9	0.23	2400
115.00	117.00	134417	CORE_HALF	0.0559		55.9	112	5.66	3.68	95.6	30.9	133	12	0.54	2282
117.00	119.00	134418	CORE_HALF	0.0737		73.7	66	5.32	2.06	83.6	18.8	109	11	0.31	2376
119.00	120.91	134419	CORE_HALF	0.0205		20.5	36	2.44	1.91	74.2	16.1	140.2	14	0.24	1904
120.91	123.00	134420	CORE_HALF	0.0204		20.4	77	19.13	1.65	67.2	9.3	144.8	8	0.26	2780
123.00	124.80	134421	CORE_HALF	0.2831		283.1	369	36.02	127.36	209.8	70.8	147.6	45	0.75	2673
124.80	126.50	176086	CORE_UN	0.31		310		21	50	48	77	18		4	1742
126.50	128.38	176087	CORE_UN	0.1		100		49	836	618	39	41		3	2295
128.00	130.00	134422	CORE_HALF	0.0361		36.1	374	16.82	271.58	137.9	32.8	120.6	30	0.72	1906
130.00	132.00	134423	CORE_HALF	0.0517		51.7	243	41.8	4.88	74.9	38.3	83.9	13	0.48	2747
132.00	134.00	134424	CORE_HALF	0.1166		116.6	301	17.49	5	69.2	70.3	78.8	13	0.62	3652
134.00	136.00	134425	CORE_HALF	0.4572		457.2	673	73.94	6.95	70.6	77.9	95.8	38	1.11	1758
		134426	CORE_HALF	0.87	0.87	511	717	62.82	6.7	71.8	86.8	103.2	38	1.1	1652
136.00	138.00	134427	CORE_HALF	0.2002		200.2	1560	59.57	70.94	219.2	74.7	48.2	50	2.19	1857
138.00	140.00	134428	CORE_HALF	0.1176		117.6	359	28.49	15.36	73.3	81.3	88.2	12	0.77	2209
140.00	142.00	134429	CORE_HALF	0.0505		50.5	216	37.75	4.57	73.5	31.1	101.2	13	0.35	2011
142.00	144.00	134430	CORE_HALF	0.0545		54.5	230	15.26	7.77	36.1	34.5	82.5	29	1.05	1044
144.00	146.00	134431	CORE_HALF	0.0493		49.3	119	2.62	4.32	55.8	20.9	77.4	9	0.44	2311
146.00	148.00	134432	CORE_HALF	0.0204		20.4	79	2.8	6.05	42.2	43.5	173.1	9	0.64	1916
148.00	150.00	134433	CORE_HALF	0.0344		34.4	98	2.73	3.96	53.4	18.7	116.6	10	0.53	1735
150.00	152.00	134434	CORE_HALF	0.0182		18.2	92	1.84	3.67	43.4	20	94.2	14	0.71	1536
152.00	154.00	134435	CORE_HALF	0.114		114	151	11.87	6.58	46.8	53.9	71.8	11	0.47	1832
154.00	156.00	134436	CORE_HALF	0.0255		25.5	82	13.98	2.82	33.7	16.9	132.1	-5	0.23	1445
156.00	158.00	134437	CORE_HALF	0.0127		12.7	44	1.88	1.8	47.4	11.4	147.5	8	0.22	1988
158.00	160.00	134438	CORE_HALF	0.0336		33.6	52	1.6	1.55	40.6	13.2	164.3	10	0.34	1211
160.00	162.00	134439	CORE_HALF	0.0285		28.5	97	2.89	2.62	45.9	13.3	155.3	19	0.4	1388
162.00	164.00	134440	CORE_HALF	0.0901		90.1	190	4.82	4.59	38.6	16.5	136.5	9	0.53	1495
164.00	166.00	176088	CORE_UN	0.03		30		23	-3	60	12	146		-3	1964
166.00	168.00	176089	CORE_UN	0.03		30		18	10	57	22	151		-3	2546
168.00	170.00	176090	CORE_UN	0.05		50		4	10	70	48	46		-3	1198
170.00	172.00	176091	CORE_UN	0.22		220		37	633	953	166	20		-3	1196
172.00	174.00	176092	CORE_UN	0.05		50		3	55	121	38	28		3	1126
174.00	175.90	134441	CORE_HALF	0.0088		8.8	287	33.62	503.69	595.7	7.5	57.5	178	0.42	1066
189.68	191.68	176093	CORE_UN	0.15		150		8	182	239	76	23		-3	1013
191.72	193.00	134442	CORE_HALF	0.2059		205.9	208	3.69	5.65	26.8	161.9	80.2	18	0.84	967
193.00	195.00	134443	CORE_HALF	0.1062		106.2	129	2.02	5.17	31.4	67	43.4	12	0.58	1219
195.00	197.00	134444	CORE_HALF	0.0679		67.9	138	2.34	4.85	28.8	83.6	85.1	6	0.59	1338
197.00	199.00	134445	CORE_HALF	0.0413		41.3	112	1.47	5.09	35.8	49.4	82.4	6	0.48	1606
199.00	201.00	134446	CORE_HALF	0.0772		77.2	227	2.77	31.74	32.1	52.6	43.5	21	0.83	2318
201.00	203.00	134447	CORE_HALF	0.1094		109.4	309	2.66	7.85	28.9	80.6	47.9	7	0.9	1971
203.00	205.00	134448	CORE_HALF	0.0858		85.8	263	2.87	7.84	23.3	77.3	63.5	51	0.84	966

205.00	207.00	134449	CORE_HALF	0.0429	42.9	152	3	7.22	38.9	48.2	96.5	-5	0.49	1055
207.00	208.60	134450	CORE_HALF	0.1268	126.8	234	2.31	23.86	57.4	42.1	47.8	-5	0.54	997
214.50	216.50	176094	CORE_UN	0.1	100		6	11	28	95	43		-3	849
216.50	218.50	176095	CORE_UN	0.07	70		5	23	26	62	48		-3	1025
218.50	220.50	176096	CORE_UN	0.06	60		4	7	25	53	57		-3	811
220.50	222.50	176097	CORE_UN	0.26	260		7	18	37	157	36		4	1054
222.50	224.50	176098	CORE_UN	0.09	90		5	22	33	71	68		-3	1297
224.50	226.50	176099	CORE_UN	0.09	90		9	53	118	89	63		-3	1039
226.50	228.50	176100	CORE_UN	0.25	250		9	35	103	142	21		-3	1418
228.50	230.50	179001	CORE_UN	0.17	170		11	352	226	97	54		-3	1213
230.50	232.50	179002	CORE_UN	0.09	90		9	540	270	52	62		-3	892
232.50	234.50	179003	CORE_UN	0.05	50		5	18	39	54	49		-3	409
234.50	236.50	179004	CORE_UN	0.05	50		6	10	31	62	35		-3	748
236.50	238.50	179005	CORE_UN	0.03	30		5	95	54	46	26		-3	552
238.50	240.50	179006	CORE_UN	0.06	60		6	9	45	49	74		-3	834
240.50	242.50	179007	CORE_UN	0.1	100		6	11	35	85	46		-3	769
242.50	244.50	179008	CORE_UN	0.1	100		5	11	19	79	45		-3	381
244.50	246.50	179009	CORE_UN	0.14	140		4	40	23	59	68		-3	506
246.50	248.50	179010	CORE_UN	0.18	180		9	25	56	165	37		-3	1803
248.50	250.50	179011	CORE_UN	0.32	320		12	81	140	311	20		4	1678
250.50	252.50	179012	CORE_UN	0.37	370		7	24	78	240	32		-3	451
252.50	254.50	179013	CORE_UN	0.26	260		8	119	238	290	39		3	564
254.50	256.50	179014	CORE_UN	0.32	320		8	18	57	249	37		-3	423
256.50	258.50	179015	CORE_UN	0.31	310		7	96	141	162	38		-3	863
258.50	260.50	179016	CORE_UN	0.24	240		7	158	548	142	36		-3	635
260.50	262.50	179017	CORE_UN	0.1	100		4	11	39	93	105		-3	216
262.50	264.50	179018	CORE_UN	0.06	60		4	11	9	89	102		-3	469
264.50	266.50	179019	CORE_UN	0.07	70		5	13	13	72	59		-3	533
266.50	268.50	179020	CORE_UN	0.1	100		4	11	15	115	41		-3	445
268.50	270.50	179021	CORE_UN	0.15	150		9	12	30	228	50		-3	703
270.50	272.50	179022	CORE_UN	0.21	210		14	18	74	719	32		4	465
272.50	274.50	179023	CORE_UN	0.26	260		11	24	59	418	22		3	534
274.50	275.84	179024	CORE_UN	0.17	170		10	17	39	1321	26		-3	499
275.84	276.84	179025	CORE_UN	0.17	170		19	26	51	185	45		10	1337
276.84	277.84	179026	CORE_UN	0.12	120		17	36	10	55	93		10	372
277.84	278.84	179027	CORE_UN	0.05	50		13	19	8	41	99		8	260
278.84	279.84	179028	CORE_UN	0.1	100		19	26	21	41	53		12	422
279.84	280.84	179029	CORE_UN	0.08	80		21	29	75	46	24		9	367
280.84	281.84	179030	CORE_UN	0.19	190		13	11	17	458	35		3	270
281.84	282.84	179031	CORE_UN	0.08	80		36	282	73	90	65		4	364
282.84	283.84	179032	CORE_UN	0.06	60		14	17	146	22	138		5	2481
283.84	284.84	179033	CORE_UN	0.09	90		21	25	95	32	86		7	561
284.84	285.84	179034	CORE_UN	0.04	40		12	8	99	24	133		5	1787

285.84	286.84	179035	CORE_UN	0.05	50	9	11	65	22	138	4	1929
286.84	287.84	179036	CORE_UN	0.07	70	15	16	109	46	132	6	1558
287.84	288.84	179037	CORE_UN	0.04	40	15	11	62	42	142	6	1973
288.84	289.84	179038	CORE_UN	0.09	90	13	16	35	46	107	7	1201
289.84	291.00	179039	CORE_UN	0.13	130	22	21	34	116	154	6	966
291.00	292.00	179040	CORE_UN	0.09	90	21	24	123	80	167	7	1079
292.00	293.00	179041	CORE_UN	0.14	140	14	23	46	183	143	6	933
293.00	294.00	179042	CORE_UN	0.76	760	19	57	11	342	54	6	365
294.00	295.00	179043	CORE_UN	0.19	190	30	38	52	131	110	7	809
295.00	296.00	179044	CORE_UN	0.3	300	77	97	114	273	45	15	671
296.00	297.00	179045	CORE_UN	0.22	220	48	119	124	144	33	15	604
297.00	298.00	179046	CORE_UN	0.47	470	54	101	19	280	29	19	368
298.00	299.00	179047	CORE_UN	0.62	620	43	96	17	391	34	16	300
299.00	300.00	179048	CORE_UN	0.42	420	49	131	150	283	29	15	314
300.00	301.00	179049	CORE_UN	0.22	220	48	599	157	148	37	15	480
301.00	302.00	179050	CORE_UN	0.18	180	104	880	1852	148	36	13	1122
302.00	303.00	179051	CORE_UN	0.06	60	12	35	90	77	125	5	1607
303.00	304.00	179052	CORE_UN	0.03	30	17	25	100	41	124	5	2748
304.00	305.50	179053	CORE_UN	0.02	20	12	14	60	20	192	4	1978
305.50	307.00	179054	CORE_UN	0.07	70	10	54	144	60	124	6	1797
307.00	308.50	179055	CORE_UN	0.02	20	30	8	51	45	179	-3	1211
308.50	310.00	179056	CORE_UN	0.01	10	21	-3	68	28	174	-3	1169
310.00	311.60	179057	CORE_UN	0.13	130	13	66	168	71	275	-3	1011
311.60	313.00	179058	CORE_UN	0.1	100	17	46	75	91	124	10	2207
313.00	314.00	179059	CORE_UN	0.16	160	26	44	54	75	105	15	1705
314.00	315.00	179060	CORE_UN	0.19	190	34	141	238	136	122	16	2201
315.00	316.00	179061	CORE_UN	0.24	240	67	87	182	130	70	18	654
316.00	317.00	179062	CORE_UN	0.18	180	38	52	68	96	108	17	1123
317.00	318.00	179063	CORE_UN	0.14	140	284	996	3028	92	93	16	519
318.00	319.00	179064	CORE_UN	0.48	480	134	2553	3374	231	55	19	141
319.00	320.00	179065	CORE_UN	0.91	910	484	25128	18044	385	52	44	353
320.00	321.00	179066	CORE_UN	0.78	780	328	3484	5134	587	36	21	98
321.00	322.34	179067	CORE_UN	0.24	240	38	128	77	208	105	7	61
322.34	323.84	179068	CORE_UN	1.45	1450	1804	11388	10965	1010	42	57	232
323.84	326.00	179069	CORE_UN	0.48	480	214	1580	2400	453	76	8	73
326.00	328.00	179070	CORE_UN	0.23	230	86	1551	1896	302	58	12	77
328.00	330.00	179071	CORE_UN	0.39	390	85	370	515	951	48	27	135
330.00	332.00	179072	CORE_UN	1.22	1220	275	2874	3654	2435	87	33	304
332.00	334.00	179073	CORE_UN	0.61	610	166	1544	878	795	93	17	64
334.00	336.00	179074	CORE_UN	0.16	160	70	765	896	319	109	-3	198
336.00	338.00	179075	CORE_UN	0.14	140	26	46	252	215	81	3	82
338.00	340.00	179076	CORE_UN	0.16	160	27	456	689	213	70	4	141
340.00	342.00	179077	CORE_UN	0.18	180	35	257	393	295	53	8	69

342.00	344.00	179078	CORE_UN	0.22	220	97	534	1865	334	67	9	79
344.00	346.00	179079	CORE_UN	0.12	120	103	384	885	405	66	10	98
346.00	348.00	179080	CORE_UN	0.08	80	209	885	1070	110	49	6	46
348.00	350.00	179081	CORE_UN	0.07	70	77	431	713	181	69	7	25
350.00	352.00	179082	CORE_UN	0.14	140	145	907	1358	280	47	17	54
352.00	354.00	179083	CORE_UN	0.23	230	141	1060	1753	814	68	18	101
354.00	356.00	179084	CORE_UN	0.08	80	391	440	1352	86	108	6	97
356.00	358.00	179085	CORE_UN	0.18	180	93	60	159	226	61	5	58
358.00	360.00	179086	CORE_UN	0.36	360	161	849	2051	758	63	14	50
360.00	362.00	179087	CORE_UN	0.54	540	451	203	1771	715	51	11	22
362.00	364.00	179088	CORE_UN	0.24	240	19	130	89	387	53	7	23
364.00	366.00	179089	CORE_UN	0.31	310	36	247	456	521	47	8	27
366.00	368.00	179090	CORE_UN	0.2	200	52	182	415	250	59	6	54
368.00	370.00	179091	CORE_UN	0.19	190	18	67	184	266	71	5	32
370.00	372.00	179092	CORE_UN	0.27	270	15	50	178	270	70	4	42
372.00	374.00	179093	CORE_UN	0.32	320	16	42	66	288	70	3	28
374.00	376.00	179094	CORE_UN	0.45	450	80	147	624	304	96	3	35
376.00	378.00	179095	CORE_UN	0.34	340	322	104	741	362	90	9	37
378.00	380.00	179096	CORE_UN	0.31	310	35	21	41	236	85	3	59
380.00	382.00	179097	CORE_UN	0.24	240	86	33	82	233	73	5	51
382.00	384.00	179098	CORE_UN	0.21	210	98	43	234	472	91	5	32
384.00	386.00	179099	CORE_UN	0.47	470	178	388	3121	412	55	18	109
386.00	386.79	179100	CORE_UN	0.43	430	77	127	1498	288	69	10	108

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_119

Header

Hole ID	02_119	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	302.10	m		*Date completed*	14/10/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	19432.31	15469.16		m
UTM Grid	NAD83_9	409306.96	6275635.98	1162.25	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	295.3	Astronomic (	295.3	-51.0	Camera	
63.70	m	296.8	Astronomic (	296.8	-49.5	Compass	
126.66	m	298.8	Astronomic (	298.8	-49.5	Compass	
185.62	m	298.8	Astronomic (	298.8	-49.5	Compass	
302.06	m	301.8	Astronomic (	301.8	-47.0	Compass	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	1.52		CASE			100	
1.52	4.00		VIOX			100	
4.00	4.60		ZOOO			100	
4.60	6.30		YOOR			100	
6.30	6.54		ZOOO			100	
6.54	7.18		VIOO			100	
7.18	9.84		YOOR			100	
9.84	11.42		VIOO			100	
11.42	11.95		YOOR			100	
11.95	13.11		YOOR			100	
13.11	15.98		SGVO			100	
15.98	16.46		ZOOO			100	
16.46	18.98		SGVO			100	
18.98	19.18		SWVO			100	
19.18	19.90		YOOR			100	
19.90	20.64		SGVO			100	
20.64	23.72		SGVO			100	

23.72	24.08	SWVO	100
24.08	25.00	ZOOO	100
25.00	25.07	SWVO	100
25.07	25.68	VIOO	100
25.68	25.91	ZOOO	100
25.91	29.40	VIOO	100
29.40	33.96	SWVO	100
33.96	34.02	SWVO	100
34.02	35.20	SWVO	100
35.20	35.30	SICO	100
35.30	42.15	YIOR	100
42.15	42.67	VIOX	100
42.67	43.80	VIOO	100
43.80	44.07	YOOR	100
44.07	44.47	VIOO	100
44.47	45.44	YOOR	100
45.44	48.95	VIOO	100
48.95	50.98	SGVO	100
50.98	52.10	VIOX	100
52.10	53.15	YOOR	100
53.15	55.06	VIOO	100
55.06	56.74	VIOO	100
56.74	56.80	ZOOO	100
56.80	58.39	VIOX	100
58.39	59.14	YIOR	100
59.14	59.25	VIOO	100
59.25	60.46	ZOOO	100
60.46	63.06	VIOX	100
63.06	67.40	VIOO	100
67.40	72.00	VIOX	100
72.00	75.80	SGVO	100
75.80	77.80	VIOO	100
77.80	79.75	SGVO	100
79.75	80.63	VIOO	100
80.63	81.80	VIOX	100
81.80	82.61	VIOO	100
82.61	83.06	ZOOO	100
83.06	83.94	SGVO	100
83.94	85.00	VIOO	100
85.00	85.15	ZOOO	100
85.15	85.68	VIOO	100
85.68	88.27	YOOR	100
88.27	88.30	ZOOO	100
88.30	88.65	VIOO	100
88.65	89.90	YOOR	100

89.90	90.45	ZOOO	100
90.45	90.85	VIOO	100
90.85	91.07	ZOOO	100
91.07	91.35	VIOO	100
91.35	93.54	YOOR	100
93.54	97.19	YOOR	100
97.19	97.82	IIOO	100
97.82	99.86	YOOR	100
99.86	100.42	VIOO	100
100.42	100.64	ZOOO	100
100.64	100.85	VIOO	100
100.85	103.00	SGVO	100
103.00	105.65	VIOX	100
105.65	106.01	IIOO	100
106.01	107.32	YIOR	100
107.32	107.80	VIOO	100
107.80	108.00	ZOOO	100
108.00	109.69	VIOO	100
109.69	109.74	ZOOO	100
109.74	112.25	VIOO	100
112.25	113.24	YIOR	100
113.24	114.50	VIOO	100
114.50	114.90	YIOR	100
114.90	115.30	ZOOO	100
115.30	116.71	VIOO	100
116.71	117.80	YIOR	100
117.80	119.92	VIOO	100
119.92	137.20	VIOX	100
137.20	142.45	VIOO	100
142.45	142.95	ZOOO	100
142.95	146.80	VIOO	100
146.80	153.87	VIOX	100
153.87	155.10	YOOR	100
155.10	163.14	VIOX	100
163.14	165.02	YIOR	100
165.02	165.72	ZOOO	100
165.72	165.79	YOOR	100
165.79	166.83	VIOO	100
166.83	167.30	VIOO	100
167.30	168.78	SGVO	100
168.78	171.10	VIOO	100
171.10	172.18	VIOX	100
172.18	174.00	VIOO	100
174.00	178.80	VIOX	100
178.80	182.65	VIOO	100

182.65	183.70	VIOO	100
183.70	184.10	VIOX	100
184.10	185.50	VIOO	100
185.50	186.30	VIOX	100
186.30	189.39	VIOO	100
189.39	189.79	YOOR	100
189.79	190.43	XSWC	100
190.43	190.80	SAHO	100
190.80	192.62	SGVO	100
192.62	194.10	VIOO	100
194.10	195.82	VIOX	100
195.82	197.85	SICO	100
197.85	198.34	YOOR	100
198.34	204.31	VIOO	100
204.31	210.01	ZOOO	100
210.01	211.22	YOOR	100
211.22	211.41	OOOO	100
211.41	215.00	YOOR	100
215.00	216.93	VIOX	100
216.93	222.06	VIOO	100
222.06	223.55	YOOR	100
223.55	224.01	VIOO	100
224.01	227.25	YIOR	100
227.25	228.32	SAVO	100
228.32	230.66	XSWV	100
230.66	233.66	SAVO	100
233.66	234.04	ZOOO	100
234.04	234.35	SWVO	100
234.35	235.02	SAVO	100
235.02	241.95	SWVO	100
241.95	245.45	VIOO	100
245.45	245.77	SAVO	100
245.77	245.85	ZOOO	100
245.85	250.44	VIOO	100
250.44	251.16	ZOOO	100
251.16	254.25	VIOX	100
254.25	255.35	VIOO	100
255.35	260.30	VIOX	100
260.30	266.50	VIOO	100
266.50	271.47	VIOX	100
271.47	274.25	ZOOO	100
274.25	278.85	VIOO	100
278.85	279.70	ZOOO	100
279.70	282.80	VIOO	100
282.80	284.30	ZVOO	100

284.30	302.10		VIOO					100					

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
1.52	15.40		Pyritic	diss	WK	PY	WK						
			Pyritic	pat	WK	PY	WK						
15.40	19.18		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
19.18	25.07		Pyritic	diss	WK	PY	WK						
25.07	33.96		Sericitiziation	pv	WK	SERI	MOD	PY	WK				
33.96	34.02		Silicic/Silicification	pv	STG	QZ	STG						
34.02	35.30		Pyritic	diss	STG	PY	STG	SERI	STG				
			Pyritic	bd	MOD	PY	STG						
35.30	39.00		Albitic	spo	WK	AB	MOD	CARB	MOD				
			Sericitiziation	pv	MOD	SERI	STG	QZ	WK	PY	MOD		
39.00	42.67		Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	MOD		
			Pyritic	ff	WK	PY	WK						
42.67	43.80		Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	TR		
43.80	45.44		Sericitiziation	pv	MOD	SERI	MOD	QZ	MOD	PY	TR		
			Pyritic	ff	WK	PY	TR						
45.44	50.98		Sericitiziation	pv	MOD	QZ	WK	PY	WK				
50.98	52.10		Sericitiziation	pv	WK	SERI	MOD	SERI	MOD	QZ	MOD	PY	
52.10	53.15		Sericitiziation	pv	MOD	SERI	STG	QZ	WK	QZ	WK	PY	
53.15	58.39		Sericitiziation	pv	MOD	SERI	MOD	QZ	MOD	PY	TR		
58.39	59.25		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
59.25	67.40		Sericitiziation	pv	MOD	SERI	STG	PY	WK	QZ	WK		
			Silicic/Silicification	ff	WK	QZ	WK	GN	TR	SP	TR		
67.40	72.00		Sericitiziation	pv	MOD	SERI	STG	PY	MOD				
			Silicic/Silicification	ff	TR	QZ	TR	PY	TR	GN	TR	SP	
72.00	81.80		Sericitiziation	pv	MOD	SERI	STG	PY	MOD				
81.80	83.06		Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	TR		
			Silicic/Silicification	ff	WK	QZ	WK	PY	TR				
83.06	95.20		Sericitiziation	pv	MOD	SERI	MOD	SERI	MOD	PY	WK		
95.20	100.85		Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK		
			Silicic/Silicification	pv	MOD	PY	WK						
100.85	107.00		Sericitiziation	pv	WK	SERI	MOD	PY	MOD	QZ	MOD	QZ	
107.00	109.74		Sericitiziation	pv	MOD	SERI	MOD	QZ	MOD	PY	TR		
			Silicic/Silicification	pv	MOD	PY	TR						
109.74	111.54		Sericitiziation	pv	WK	SERI	MOD	PY	TR				
111.54	116.71		Sericitiziation	pv	WK	SERI	MOD	QZ	MOD	PY	WK		
			Silicic/Silicification	pv	WK	PY	WK						
116.71	117.80		Silicic/Silicification	pv	MOD	QZ	STG	PY	MOD				
117.80	121.20		Mineral Assemblage (un		WK	CL	MOD	PY	WK				
121.20	124.50		Mineral Assemblage (un		WK	EP	MOD	PY	WK			CL	
124.50	136.00		Mineral Assemblage (un		WK	SERI	MOD	CL	WK	CL	WK	PY	
136.00	149.00		Silicic/Silicification	pv	WK	QZ	MOD	AB	MOD	PY	WK		
149.00	153.87		Mineral Assemblage (un		WK	CL	MOD	CL	MOD	PY	WK		
153.87	155.10		Silicic/Silicification	pv	WK	QZ	MOD	QZ	MOD	SERI	MOD	PY	
155.10	163.14		Mineral Assemblage (un		WK	CL	MOD	CL	MOD	SERI	WK	PY	
163.14	165.02		Mineral Assemblage (un		WK	CL	MOD	SERI	MOD	PY	WK		
165.02	166.83		Sericitiziation	pv	WK	SERI	MOD	PY	MOD				
166.83	167.30		Silicic/Silicification	pv	MOD	QZ	STG	PY	MOD				
167.30	168.78		Sericitiziation	pv	MOD	SERI	STG	PY	WK				
			Silicic/Silicification	ff	STG	QZ	STG	PY	MOD	CL	MOD	CARB	
168.78	187.40		Sericitiziation	pv	WK	SERI	MOD	QZ	MOD	PY	WK	CL	

		Sulphidic	ff	WK	PY	WK	CARB	TR	QZ	WK	
187.40	189.00	Sericitiziation	pv	WK	SERI	MOD	QZ	MOD	PY	WK	
		Silicic/Silicification	pv	WK	PY	WK					
189.00	195.82	Silicic/Silicification	pv	MOD	QZ	MOD	SERI	MOD	PY	TR	
		Sulphidic	ff		PY	WK					
		Sulphidic	pat	WK	PY	WK					
195.82	198.34	Sulphidic	diss	WK	PY	MOD					
		Sulphidic	pat	WK	PY	MOD					
198.34	210.05	Sericitiziation	pv	MOD	SERI	STG	QZ	MOD	PY	WK	
		Sericitiziation	pat	MOD	SERI	STG	QZ	MOD	PY	WK	
		Silicic/Silicification	ff	MOD	QZ	WK	PY	WK	GR	WK	
210.05	211.41	Silicic/Silicification	pv	WK	QZ	MOD	PY	WK			
		Silicic/Silicification	ff	TR	SP	TR	QZ	MOD			
		Sulphidic	pat	TR	SP	TR					
211.41	216.93	Chloritization	pv	WK	CL	MOD	QZ	WK	PY	WK	
		Chloritization	pat	WK	CL	MOD	PY	WK			
216.93	222.06	Silicic/Silicification	pv	WK	QZ	MOD	SERI	MOD	PY	TR	
		Pyritic	ff	WK	PY	TR	CL	WK			
222.06	223.55	Sericitiziation	pv	MOD	SERI	MOD	QZ	MOD	PY	TR	CL
		Pyritic	diss	MOD	PY	MOD					
		Pyritic	pat	MOD	PY	MOD					
223.55	224.01	Sericitiziation	pv	MOD	SERI	MOD	QZ	MOD	PY	WK	
224.01	227.25	Mineral Assemblage (un	pv	MOD	CLAY	STG	SERI	MOD	PY	TR	CL
227.25	228.32	Mineral Assemblage (un	pv	MOD	CLAY	MOD	SERI	MOD	PY	TR	
228.32	230.66	Mineral Assemblage (un	pv	WK	CL	MOD	SERI	WK	PY	TR	
230.66	235.02	Mineral Assemblage (un	pv	WK	CLAY	WK	SERI	MOD	PY	TR	
235.02	241.95	Mineral Assemblage (un	pv	WK	CL	MOD	SERI	WK	PY	TR	
241.95	245.15	Sericitiziation	pv	WK	SERI	MOD	PY	TR			
		Kaolinitic	pv	WK	CLAY	MOD					
245.15	251.16	Sericitiziation	pv	MOD	SERI	MOD	PY	TR			QZ/QZ
		Pyritic	ff	WK	PY	WK	QZ	WK			
		Kaolinitic	pv	WK	CLAY	MOD					
251.16	270.95	Sericitiziation	pv	MOD	SERI	MOD	QZ	WK	PY	WK	
		Silicic/Silicification	ff	MOD	SERI	MOD	PY	WK	GR	WK	
		Sericitiziation	ff	MOD	GR	WK					
		Kaolinitic	pv	WK	CLAY	WK					
270.95	271.47	Silicic/Silicification	pv	STG	QZ	STG	PY	STG			
271.47	274.25	Kaolinitic	pv	STG	CLAY	STG					
		Kaolinitic	ff	STG	CLAY	STG					
274.25	278.85	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD	
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK	GR	TR	
278.85	289.00	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD	
		Silicic/Silicification	ff	WK	QZ	MOD	PY	WK	GR	TR	
289.00	296.00	Sericitiziation	pv	MOD	SERI	MOD	PY	WK	QZ	MOD	
		Silicic/Silicification	ff	WK	PY	MOD	QZ	WK	GR	TR	GN
296.00	302.10	Sericitiziation	pv	MOD	SERI	MOD	QZ	WK	PY	WK	
		Silicic/Silicification	ff	WK	PY	WK	QZ	WK	GR	TR	GN

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
1.52	7.00		QZ	Massive Veins	MOD	5	
			QZ	Fracture Veins	MOD	1	
7.00	8.50		QZ	Fracture Veins	MOD	2	low angle to core axis

8.50	12.00	QZ	Stringer Veins	WK	2
12.00	14.00	QZ	Planar Veins	WK	2
14.00	15.00	PY/QZ	Planar Veins	WK	5
15.00	22.00	PY	Stringer Veins	WK	1
26.00	29.50	QZ/PY	Net-like veining	MOD	2
29.50	34.00	QZ	Planar Veins	WK	2
34.00	35.00	QZ	Fracture Veins	MOD	4
35.00	41.50	QZ	Fracture Veins	MOD	2
41.50	50.00	QZ	Planar Veins	WK	2
50.00	58.50	QZ	Planar Veins	WK	2
58.50	67.75	QZ/FECB	Planar Veins	MOD	2
67.75	69.00	QZ/QZ/FECB	Fracture Veins	MOD	2
69.00	78.25	QZ	Planar Veins	WK	3
78.25	91.00	QZ	Planar Veins	WK	2
		PY/QZ	Stringer Veins	WK	3
91.00	100.00	QZ/FECB	Tension Gashes	WK	2
117.00	118.00	QZ/CARB	Fracture Veins	WK	1
121.30	122.00	QZ/CARB	Planar Veins	WK	3
125.00	125.30	QZ/CARB	Fracture Veins	WK	3
125.30	130.50	QZ/PY	Planar Veins	WK	2
130.50	138.00	QZ/CARB	Planar Veins	WK	5
138.00	144.00	QZ/CARB	Fracture Veins	WK	1
144.00	150.00	QZ/CARB	Planar Veins	MOD	3
150.00	162.00	QZ/CARB	Planar Veins	WK	5
162.00	167.00	QZ/CARB	Planar Veins	WK	2
167.00	168.00	QZ/CARB	Massive Veins	INT	5
168.00	171.50	QZ/CARB	Fracture Veins	WK	2
171.50	182.00	QZ/CARB	Fracture Veins	WK	2
182.00	186.00	QZ/FECB	Planar Veins	MOD	2
186.00	187.00	QZ/FECB	Net-like veining	MOD	3
187.00	190.50	QZ/FECB	Planar Veins	WK	3
190.50	196.00	QZ/FECB	Net-like veining	WK	2
		QZ/FECB	Tension Gashes	WK	2
196.00	200.00	QZ/FECB	Net-like veining	MOD	3
		PY/SERI	Net-like veining	WK	2
200.00	204.50	QZ/FECB	Net-like veining	MOD	3
204.50	211.50	QZ/FECB	Massive Veins	MOD	2
211.50	212.00	QZ/CARB	Massive Veins	INT	
212.00	217.00	QZ/CARB	Planar Veins	WK	
217.00	223.50	QZ/FECB	Planar Veins	MOD	
227.00	231.50	CARB/QZ	Planar Veins	WK	10
231.50	242.00	CARB	Fracture Veins	WK	2
242.00	250.00	QZ/FECB	Stockwork Veins	MOD	3
250.00	254.50	FECB	Hairline	MOD	1
		PY/SERI	Stringer Veins	WK	2
254.50	261.00	QZ/FECB	Planar Veins	WK	3
261.00	270.50	QZ/FECB	Planar Veins	MOD	3
		PY/CH	Stringer Veins	MOD	3
274.00	284.00	QZ/FECB	Planar Veins	WK	2
284.00	302.10	QZ/FECB	Planar Veins	MOD	2
		PY/CH	Stringer Veins	MOD	2

Structure

From	To	m	Structure	Intensity	Comments
1.52	6.00		fracture zone	INT	fractured surfaces are oxidised intense
6.00	6.10		shear/ shear zone	INT	
6.10	16.00		fracture		
16.00	16.50		fault gouge / clay/ pug	INT	
16.50	19.00		fracture zone	MOD	
19.00	24.08		massive / undeformed	WK	
24.08	25.91		fracture zone	INT	
25.91	42.50		massive / undeformed	WK	
42.50	44.00		fracture	MOD	
44.00	47.85		massive / undeformed	WK	
47.85	48.50		fracture zone	MOD	
56.60	56.80		fault gouge / clay/ pug	INT	
59.20	60.60		fracture	INT	
60.60	68.20		massive / undeformed	WK	
68.20	68.40		shear/ shear zone	WK	
68.40	82.60		massive / undeformed		
82.60	83.00		fault gouge / clay/ pug	INT	
83.00	85.50		fracture zone	MOD	
85.50	88.20		fracture zone	WK	
88.20	88.30		fault gouge / clay/ pug	INT	
88.30	91.33		fracture zone	MOD	
91.33	97.84		massive / undeformed		
97.84	98.00		fault gouge / clay/ pug	INT	
98.00	100.00		massive / undeformed		
115.00	115.30		fracture zone	MOD	
142.00	143.00		fracture zone	MOD	
163.00	165.50		shear/ shear zone	MOD	
187.00	187.50		shear/ shear zone	WK	
187.50	197.00		massive / undeformed	WK	
197.00	197.50		bedding / bedded	WK	
197.50	200.00		massive / undeformed	WK	
203.00	208.00		fault gouge / clay/ pug	INT	rubble
208.00	210.00		fracture zone	INT	
228.00	232.50		bedding / bedded	MOD	
232.50	234.00		fracture zone	INT	
234.00	242.00		bedding / bedded	MOD	
			fracture zone	WK	
242.00	243.50		massive / undeformed	WK	
243.50	243.60		fault gouge / clay/ pug	MOD	
243.60	245.75		massive / undeformed	WK	
245.75	245.90		fault gouge / clay/ pug	MOD	
245.90	250.00		massive / undeformed	WK	
250.50	251.16		fault gouge / clay/ pug	INT	
251.16	256.50		fracture zone	MOD	
256.50	257.25		fracture zone	MOD	
257.25	261.00		fracture zone	WK	
261.00	271.40		fracture zone	WK	
271.40	273.95		fault gouge / clay/ pug	INT	
273.95	284.10		fracture zone	INT	

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
29.00	31.00	179108	CORE_UN	0.12		120		4	17	46	72	248		-3	1923
31.00	33.00	179109	CORE_UN	0.09		90		4	34	116	67	207		-3	4381
33.00	35.00	179110	CORE_UN	0.47		470		22	341	243	254	153		10	1533
35.00	37.00	179111	CORE_UN	0.29		290		16	150	36	195	83		7	837
37.00	39.00	179112	CORE_UN	0.23		230		16	77	21	192	114		4	675
39.00	41.00	179113	CORE_UN	0.34		340		29	50	158	200	81		5	291
41.00	43.00	179114	CORE_UN	0.39		390		26	254	632	307	101		8	912
43.00	45.00	179115	CORE_UN	0.91		910		81	48	1753	294	181		4	653
45.00	47.00	179116	CORE_UN	0.09		90		1	11	40	47	267		-3	1266
47.00	49.00	179117	CORE_UN	0.07		70		8	75	148	38	217		-3	2583
49.00	51.00	179118	CORE_UN	0.04		40		60	270	480	11	180		-3	3544
51.00	53.00	179119	CORE_UN	0.06		60		25	116	206	14	303		-3	3550
53.00	55.00	179120	CORE_UN	0.02		20		14	214	325	6	243		-3	2544
55.00	57.00	179121	CORE_UN	-0.01		-10		16	13	85	8	247		-3	2413
57.00	59.00	179122	CORE_UN	0.01		10		46	245	362	12	223		-3	2888
59.00	61.00	179123	CORE_UN	0.09		90		-1	38	101	13	234		-3	2301
61.00	63.00	179124	CORE_UN	0.05		50		18	250	342	8	222		-3	2551
63.00	65.00	179125	CORE_UN	0.02		20		44	420	566	16	232		-3	2257
65.00	67.00	179126	CORE_UN	0.04		40		35	323	559	25	205		-3	1507
67.00	69.00	179127	CORE_UN	0.19		190		44	330	686	45	172		-3	1434
69.00	71.00	179128	CORE_UN	0.03		30		16	10	49	28	150		-3	1569
71.00	73.00	179129	CORE_UN	0.1		100		33	167	233	73	132		-3	2142
73.00	75.00	179130	CORE_UN	0.18		180		8	43	22	90	174		-3	744
75.00	77.00	179131	CORE_UN	0.23		230		2	86	34	86	198		-3	1277
77.00	79.00	179132	CORE_UN	0.37		370		7	16	25	203	138		-3	1068
79.00	81.00	179133	CORE_UN	0.36		360		19	11	20	131	183		-3	967
81.00	83.00	179134	CORE_UN	0.12		120		16	6	31	62	157		-3	2328
83.00	85.00	179135	CORE_UN	0.24		240		1	9	37	95	161		-3	1324
85.00	87.00	179136	CORE_UN	0.26		260		13	4	57	77	151		-3	1100
87.00	89.00	179137	CORE_UN	0.22		220		8	15	102	84	170		-3	1582
89.00	91.00	179138	CORE_UN	0.12		120		3	16	65	38	138		-3	1575
91.00	93.00	179139	CORE_UN	0.02		20		8	7	68	22	192		-3	3189
93.00	95.00	179140	CORE_UN	0.21		210		14	153	238	76	173		-3	1893
95.00	97.00	179141	CORE_UN	0.03		30		46	94	204	21	127		-3	2952
97.00	99.00	179142	CORE_UN	0.34		340		72	172	274	70	104		-3	2915
99.00	101.00	179143	CORE_UN	0.56		560		39	6	149	109	118		-3	1537

101.00	103.00	179144	CORE_UN	0.79	790	19	13	83	80	141	-3	1538
103.00	105.00	179145	CORE_UN	1.88	1880	25	17	76	173	140	-3	843
105.00	107.00	179146	CORE_UN	0.71	710	28	19	100	116	122	-3	1039
115.50	116.71	179147	CORE_UN	0.06	60	29	5	84	67	107	-3	2286
116.71	117.80	179148	CORE_UN	0.09	90	9	18	39	71	100	-3	1374
152.00	154.00	179149	CORE_UN	0.1	100	9	10	49	99	97	-3	1599
154.00	156.00	179150	CORE_UN	0.07	70	8	14	36	79	112	-3	1230
156.00	158.00	179151	CORE_UN	0.11	110	2	3	30	45	98	-3	1419
165.72	167.30	179152	CORE_UN	0.1	100	14	30	107	696	97	24	2545
167.30	168.80	179153	CORE_UN	0.26	260	31	37	174	2351	71	117	6087
168.80	170.07	179154	CORE_UN	0.04	40	19	-3	91	57	104	-3	2972
174.35	176.35	179155	CORE_UN	0.09	90	6	55	94	240	84	14	2039
176.35	178.35	179156	CORE_UN	0.07	70	5	21	87	308	92	16	1011
178.35	180.35	179157	CORE_UN	0.05	50	5	17	42	361	70	4	886
180.35	182.35	179158	CORE_UN	0.03	30	23	8	193	34	102	-3	1194
188.43	190.43	179159	CORE_UN	0.02	20	12	447	444	56	61	-3	411
190.43	190.80	179160	CORE_UN	0.02	20	9	130	181	48	29	-3	1914
190.80	192.80	179161	CORE_UN	0.03	30	26	239	284	50	66	-3	753
192.80	194.33	179162	CORE_UN	0.01	10	90	79	89	15	81	-3	161
194.33	195.82	179163	CORE_UN	0.02	20	9	18	62	8	107	-3	342
195.82	196.82	179164	CORE_UN	0.22	220	8	56	67	203	70	5	656
196.82	197.85	179165	CORE_UN	0.15	150	8	258	134	168	86	3	1282
197.85	199.85	179166	CORE_UN	0.11	110	5	15	40	134	73	-3	625
199.85	201.85	179167	CORE_UN	0.29	290	13	167	657	211	81	-3	334
201.85	203.85	179168	CORE_UN	0.32	320	15	18	52	305	67	3	567
203.85	205.85	179169	CORE_UN	0.25	250	5	186	37	155	61	-3	1559
205.85	207.85	179170	CORE_UN	0.26	260	8	37	87	161	72	3	2222
207.85	209.85	179171	CORE_UN	0.22	220	4	14	36	156	58	-3	1195
209.85	211.85	179172	CORE_UN	0.5	500	11	41	639	181	66	-3	1013
211.85	213.85	179173	CORE_UN	0.21	210	4	15	76	160	85	5	2350
213.85	215.85	179174	CORE_UN	0.13	130	3	5	56	108	129	-3	1797
215.85	217.85	179175	CORE_UN	0.14	140	4	3	64	98	125	3	1278
217.85	219.85	179176	CORE_UN	0.15	150	4	9	70	95	171	4	1655
219.85	221.85	179177	CORE_UN	0.11	110	3	8	63	84	181	3	2203
221.85	223.85	179178	CORE_UN	0.4	400	75	142	447	210	88	11	2338
241.95	243.95	179179	CORE_UN	0.04	40	8	6	24	58	72	3	1152
243.95	245.95	179180	CORE_UN	0.04	40	6	11	32	45	113	7	1361
245.95	247.95	179181	CORE_UN	0.07	70	7	9	77	46	83	-3	1418
247.95	249.95	179182	CORE_UN	0.1	100	11	17	179	84	70	-3	1632
249.95	251.95	179183	CORE_UN	0.15	150	21	160	396	732	52	9	1011
251.95	253.95	179184	CORE_UN	0.16	160	16	265	544	260	35	9	472
253.95	255.95	179185	CORE_UN	0.08	80	41	22	48	116	73	8	963
255.95	257.95	179186	CORE_UN	0.06	60	13	23	50	89	64	5	928

257.95	259.95	179187	CORE_UN	0.09	90	17	63	187	138	55	7	874
259.95	261.95	179188	CORE_UN	0.07	70	52	81	86	130	65	5	851
261.95	263.95	179189	CORE_UN	0.07	70	9	27	41	105	57	10	426
263.95	265.95	179190	CORE_UN	0.11	110	18	19	36	138	38	5	234
265.95	267.95	179191	CORE_UN	0.13	130	14	89	96	185	30	5	273
267.95	269.95	179192	CORE_UN	0.11	110	55	36	77	262	68	5	181
269.95	271.95	179193	CORE_UN	0.13	130	25	41	83	183	41	10	308
271.95	273.95	179194	CORE_UN	0.39	390	11	33	53	180	31	5	246
273.95	275.95	179195	CORE_UN	0.07	70	15	39	120	343	49	7	91
275.95	277.95	179196	CORE_UN	0.07	70	12	20	67	265	58	5	484
277.95	279.95	179197	CORE_UN	0.08	80	12	13	47	108	52	4	203
279.95	281.95	179198	CORE_UN	0.03	30	7	12	41	66	90	3	532
281.95	283.95	179199	CORE_UN	0.04	40	12	7	80	61	108	-3	1167
283.95	285.95	179200	CORE_UN	0.18	180	11	517	163	1686	70	6	305
285.95	287.95	179201	CORE_UN	0.12	120	17	102	61	257	67	5	284
287.95	289.95	179202	CORE_UN	0.13	130	16	296	320	352	45	4	333
289.95	291.95	179203	CORE_UN	0.09	90	12	56	210	326	94	3	132
291.95	293.95	179204	CORE_UN	0.19	190	10	157	667	171	54	-3	206
293.95	295.95	179205	CORE_UN	0.78	780	22	87	82	1547	32	7	57
295.95	297.95	179206	CORE_UN	0.87	870	21	1207	2159	149	34	4	83
297.95	299.95	179207	CORE_UN	0.13	130	9	50	112	145	44	3	50
299.95	302.10	179208	CORE_UN	0.18	180	15	50	30	266	44	6	79

Geoinformatics Exploration Pty Ltd

HERITAGE EXPLORATIONS
DRILL HOLE LOG

02_120

Header

Hole ID	02_120	*Hole type*	Diamond drill	*Size*	NQ2	*Date commenced*	
DataSet	SIBS	*Depth*	267.92	m		*Date completed*	15/10/2002
Location		*Geologist*				*Drilling company*	
Tenement		*Notes*	2002 DD				

Collar Location

Field survey Surveyed

	Grid ID	East	North	RL	Grid unit
Local Grid	Global	17916.03	13183.01		m
UTM Grid	NAD83_9	407742.06	6273384.24	1056.42	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	261.5	Astronomic (	261.5	-49.9	Camera	
60.96	m	265.8	Astronomic (	265.8	-48.5	Compass	
121.92	m	271.8	Astronomic (	271.8	-47.0	Compass	
182.88	m	269.8	Astronomic (	269.8	-46.5	Compass	
267.92	m	277.8	Astronomic (	277.8	-45.0	Compass	

Lithology

Logged by:

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	1.50		CASE			100	
1.50	12.00		XVFF			100	
12.00	14.70		XYFF			100	
14.70	73.00		XVFX			100	
73.00	76.20		SCOO			100	
76.20	92.40		XVFX			100	
92.40	159.40		YFOL			100	
159.40	164.20		XSCO			100	
164.20	167.50		YFOO			100	
167.50	172.90		XSCO			100	
172.90	174.80		VFOU			100	
174.80	178.00		SCCX			100	
178.00	178.40		ZVOO			100	
178.40	185.60		VFOX			100	
185.60	186.40		ZOOO			100	
186.40	191.70		VFOX			100	
191.70	199.20		XVFX			100	

199.20	203.90	SAZO	100
203.90	204.20	ZSOO	100
204.20	205.30	YOOE	100
205.30	209.60	YOOO	100
209.60	211.40	YOOX	100
211.40	218.00	YOOL	100
218.00	219.50	SICO	100
219.50	226.30	XYOL	100
226.30	236.80	YOOU	100
236.80	267.90	XSAC	100

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
1.52	11.00		CARB	Stockwork Veins	MOD	2	
			QZ/CARB/CL	Fault-related veins	MOD	30	
11.00	12.00		CARB/QZ	Planar Veins	MOD	18	
			CARB	Planar Veins	WK	0	
12.00	18.00		CARB	Planar Veins	WK	0	
21.30	22.30		QZ	Irregular/deformed/segmented	WK	2	
			CARB/QZ	Stockwork Veins	STG	10	
22.30	27.00		QZ	Irregular/deformed/segmented	WK	1	
27.00	30.20		CARB/QZ	Folded	MOD	3	
30.20	32.40		QZ	Tension Gashes	MOD	3	
33.40	33.80		QZ/CARB	Planar Veins	WK	2	
36.30	38.20		QZ/CARB	Tension Gashes	MOD	4	
46.20	47.40		CARB/QZ	Planar Veins	WK	1	
53.00	57.00		QZ/CARB	Tension Gashes	STG	4	
57.00	62.70		QZ/CARB	Tension Gashes	MOD	3	
66.14	66.50		QZ/CARB	Tension Gashes	MOD	3	
66.50	76.50		QZ/CARB	Net-like veining	MOD	2	
76.50	79.00		QZ/CARB	Tension Gashes	MOD	3	
79.00	85.00		QZ/CARB	Hairline	WK	1	
85.00	90.00		QZ/CARB	Tension Gashes	MOD	3	
103.00	103.50		QZ/CARB	Fracture Veins	MOD	3	
109.00	120.54		QZ/FECB	Fracture Veins	MOD	10	
120.54	124.50		QZ/FECB	Fault-related veins	WK	4	
124.50	126.50		QZ/FECB	Fault-related veins	WK	15	
131.00	136.00		QZ/FECB	Folded	WK	2	
			FECB	Planar Veins	WK	0	
137.40	140.30		FECB	Planar Veins	WK	0	
140.30	143.00		FECB/QZ	Planar Veins	MOD	4	
			FECB	Planar Veins	WK	0	
143.00	148.00		QZ/FECB	Irregular/deformed/segmented	MOD	10	
			QZ	Planar Veins	WK	0	
148.00	152.90		QZ	Fault-related veins	WK	4	
			QZ	Irregular/deformed/segmented	WK	1	
152.90	157.30		QZ/FECB	Fault-related veins	WK	4	
			CARB	Irregular/deformed/segmented	MOD	4	
157.30	160.50		QZ/FECB	Irregular/deformed/segmented	WK	2	
			QZ/FECB	Colloform	WK	5	
160.50	165.80		QZ/FECB	Planar Veins	MOD	1	

		FECB/QZ	Irregular/deformed/segmented	WK	0	
165.80	168.80	CARB/FECB	Fault-related veins	MOD	4	
168.80	172.80	QZ/CARB	Fault-related veins	MOD	4	Vein 3: dark grey colour, stylolites common
		CARB	Irregular/deformed/segmented	WK	6	
172.80	175.00	CARB	Planar Veins	WK	0	dark grey colour, stylolites common
179.60	187.50	QZ	Fault-related veins	WK	4	
		QZ/CARB	Planar Veins	WK	1	
187.50	193.70	QZ	Fault-related veins	MOD	8	
		QZ/CARB	Planar Veins	WK	0	
200.40	202.40	CARB	Planar Veins	WK	6	
		QZ/CARB	Planar Veins	WK	0	
204.20	205.30	QZ	Irregular/deformed/segmented	WK	1	
		FECB	Irregular/deformed/segmented	WK	0	
205.30	211.55	QZ	Irregular/deformed/segmented	MOD	0	
		FECB	Irregular/deformed/segmented	WK	0	
211.55	215.40	QZ/CARB	Irregular/deformed/segmented	MOD	3	
215.40	218.50	QZ	Planar Veins	WK	0	
218.50	219.80	QZ	Planar Veins	WK	2	
219.80	222.80	QZ	Fault-related veins	WK	4	
		QZ	Net-like veining	WK	0	
222.80	225.00	FECB	Planar Veins	WK	4	
		QZ	Planar Veins	WK	0	
225.00	228.80	QZ	Planar Veins	WK	0	
		FECB/QZ	Irregular/deformed/segmented	WK	2	
228.80	236.80	QZ/FECB	Fault-related veins	WK	6	
		FECB	Irregular/deformed/segmented	WK	0	
236.80	239.60	QZ/FECB/SP	Irregular/deformed/segmented	MOD	10	
		QZ/FECB	Irregular/deformed/segmented	STG	1	
239.60	243.40	QZ/FECB	Irregular/deformed/segmented	STG	1	
		FECB/QZ	Irregular/deformed/segmented	MOD	1	
243.40	245.50	QZ/FECB	Fault-related veins	MOD	8	
		QZ/FECB	Irregular/deformed/segmented	STG	2	
245.50	251.00	QZ/FECB	Fault-related veins	WK	4	
		QZ/PY/FECB	Planar Veins	WK	0	
251.00	256.70	CARB/FECB/QZ	Fault-related veins	WK	6	
		CARB	Planar Veins	WK	0	
256.70	262.00	CARB/QZ/PY	Irregular/deformed/segmented	STG	8	
		QZ/CARB	Irregular/deformed/segmented	STG	1	
262.00	263.90	QZ/CARB	Irregular/deformed/segmented	STG	10	
		FECB/QZ	Irregular/deformed/segmented	STG	1	
263.90	265.30	FECB/QZ	Irregular/deformed/segmented	STG	1	
		QZ/CARB	Irregular/deformed/segmented	STG	10	
265.30	267.92	QZ/CARB/PY	Planar Veins	MOD	3	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
1.52	6.80		undivided foliation-cleavage	MOD	
7.80	8.10		fault lineations e.g:slickensides/ slickenlines/	WK	
8.40	8.60		fault lineations e.g:slickensides/ slickenlines/	WK	
12.00	12.10		fault lineations e.g:slickensides/ slickenlines/	WK	
14.30	14.50		fault lineations e.g:slickensides/ slickenlines/	WK	2 surfaces
18.50	18.60		fault lineations e.g:slickensides/ slickenlines/	WK	
21.00	21.40		undivided foliation-cleavage	MOD	
21.40	28.20		undivided foliation-cleavage	WK	

36.80	37.60	undivided foliation-cleavage	WK	
38.80	39.00	fault lineations e.g:slickensides/ slickenlines/	WK	
45.40	45.50	fault lineations e.g:slickensides/ slickenlines/	WK	
58.50	58.70	undivided foliation-cleavage	WK	SOO/SFO approx parallel?
		bedding / bedded	WK	
58.70	75.00	massive / undeformed		massive texture
85.50	86.30	fracture zone		oxidized
88.50	89.50	fracture zone		
111.50	112.17	shear/ shear zone	MOD	
114.50	115.00	fracture zone	MOD	
120.60	121.75	undivided foliation-cleavage	WK	
122.05	122.15	fault lineations e.g:slickensides/ slickenlines/	WK	
122.65	122.75	fault lineations e.g:slickensides/ slickenlines/	WK	
124.36	124.70	undivided foliation-cleavage	WK	
126.30	129.00	undivided foliation-cleavage	WK	
131.65	131.80	shear/ shear zone	WK	
131.80	131.90	fault lineations e.g:slickensides/ slickenlines/	WK	
131.90	132.20	fault gouge / clay/ pug	MOD	
135.70	135.90	undivided foliation-cleavage	MOD	
139.20	139.30	fault lineations e.g:slickensides/ slickenlines/	MOD	
139.60	139.70	fault lineations e.g:slickensides/ slickenlines/	MOD	
144.20	144.30	shear/ shear zone	MOD	
144.65	145.08	undivided foliation-cleavage	WK	
147.05	147.15	fault lineations e.g:slickensides/ slickenlines/	WK	
148.00	151.00	undivided foliation-cleavage	WK	
151.00	152.80	bedding / bedded	MOD	SOO and SFO approx sub-parallel sulphides along SFO/SOO
		undivided foliation-cleavage	MOD	
152.80	152.90	fault lineations e.g:slickensides/ slickenlines/	WK	
153.60	158.70	shear/ shear zone	MOD	
		fault lineations e.g:slickensides/ slickenlines/	WK	
160.10	160.40	fault gouge / clay/ pug	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
160.40	165.70	fault gouge / clay/ pug	WK	many surfaces, on average 10-30cm apart
		fault lineations e.g:slickensides/ slickenlines/	WK	
167.40	167.60	fault lineations e.g:slickensides/ slickenlines/	MOD	stylolites
169.00	169.20	fault lineations e.g:slickensides/ slickenlines/	MOD	2 surfaces
173.10	173.70	shear/ shear zone	WK	stylolites
175.75	175.95	fault lineations e.g:slickensides/ slickenlines/	WK	
178.00	178.40	fault gouge / clay/ pug	STG	
180.30	180.50	fault lineations e.g:slickensides/ slickenlines/	WK	two surfaces
185.60	186.00	fault gouge / clay/ pug	MOD	
186.00	187.00	fault lineations e.g:slickensides/ slickenlines/	MOD	about 5 surfaces, variable angle
189.60	190.10	fault lineations e.g:slickensides/ slickenlines/	MOD	long surface with vein quartz
199.90	200.60	bedding / bedded		
202.39	202.58	fault gouge / clay/ pug	STG	fault zone
202.58	203.80	bedding / bedded	MOD	
203.80	204.20	fault gouge / clay/ pug	STG	
204.90	205.20	fault	STG	
205.20	205.35	fault gouge / clay/ pug	STG	
209.80	210.10	fault gouge / clay/ pug	WK	
210.80	211.00	fault gouge / clay/ pug	WK	
212.00	212.35	fault gouge / clay/ pug	MOD	
213.75	213.85	fault gouge / clay/ pug	MOD	
217.00	218.10	undivided foliation-cleavage	WK	

218.50	219.20	bedding / bedded	STG	
219.20	219.30	fault gouge / clay/ pug	STG	graphitic
225.00	225.30	fault gouge / clay/ pug	MOD	
232.05	232.15	fault gouge / clay/ pug	MOD	with vein
236.70	236.80	fault lineations e.g:slickensides/ slickenlines/	MOD	
236.80	237.00	bedding / bedded	STG	
239.80	240.20	fault gouge / clay/ pug	STG	
		shear/ shear zone	MOD	
240.80	241.30	bedding / bedded	MOD	
241.30	243.40	fault lineations e.g:slickensides/ slickenlines/	MOD	many ZFL, sheared 60-80 degrees to CA
		shear/ shear zone	STG	
243.40	245.50	undivided foliation-cleavage	MOD	SFO in ash?
245.50	245.70	fault lineations e.g:slickensides/ slickenlines/	STG	Coulter Ck Thrust 239.8-245.7m
		shear/ shear zone	MOD	
245.90	246.10	fault lineations e.g:slickensides/ slickenlines/	WK	
246.10	249.80	bedding / bedded	STG	
249.80	256.80	bedding / bedded	STG	
		fault lineations e.g:slickensides/ slickenlines/	WK	
256.80	257.00	fault lineations e.g:slickensides/ slickenlines/	WK	
257.00	258.10	bedding / bedded	MOD	
258.10	258.40	shear/ shear zone	MOD	
		fault lineations e.g:slickensides/ slickenlines/	MOD	
		fault gouge / clay/ pug	MOD	
258.40	260.00	bedding / bedded	STG	
260.00	262.00	bedding / bedded	STG	
262.00	263.90	fault gouge / clay/ pug	STG	lulu fault?
		fault lineations e.g:slickensides/ slickenlines/	STG	
264.55	264.90	bedding / bedded	STG	
265.30	265.90	fault lineations e.g:slickensides/ slickenlines/	WK	graphitic
267.30	267.50	bedding / bedded	STG	

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
73.00	75.00	176820	CORE_UN	0.08		80		11	41	129	394	97		7	41
75.00	76.20	176821	CORE_UN	0.11		110		13	141	201	188	94		4	52
81.00	82.40	176822	CORE_UN	0.02		20		7	31	100	147	102		5	82
82.40	83.60	176823	CORE_UN	0.01		10		7	32	181	62	93		-3	61
102.00	103.30	176824	CORE_UN	0.01		10		8	35	42	142	46		23	121
160.50	161.80	176825	CORE_UN	-0.01		-10		7	18	117	55	50		8	288
161.80	162.00	176826	CORE_UN	-0.01		-10		9	36	112	174	34		13	151
169.20	170.80	176827	CORE_UN	-0.01		-10		9	20	109	35	48		4	113
170.80	172.90	176828	CORE_UN	-0.01		-10		8	21	112	38	49		5	59
174.80	176.70	176829	CORE_UN	-0.01		-10		8	15	84	16	74		6	105
176.73	178.70	134234	CORE_HALF	0.002		2	241	6.39	25.58	141	35.7	36.4	265	4.63	38

178.70	180.79	134235	CORE_HALF	0.0161	16.1	302	4.6	26.59	120.5	139.9	52.5	161	7.68	39
180.79	182.80	134236	CORE_HALF	0.003	3	317	4.73	19.36	123.5	31.7	55.6	114	7.36	46
182.80	184.60	134237	CORE_HALF	0.0026	2.6	363	4.28	20.91	113.4	57.3	35.9	145	12.53	98
184.60	185.60	176830	CORE_UN	0.04	40		7	29	125	270	87		22	119
185.60	187.60	134238	CORE_HALF	0.1554	155.4	855	7.34	30.18	137.6	754.8	69.4	412	33.07	134
187.60	189.60	134239	CORE_HALF	0.009	9	435	5.61	21.74	122.8	86.2	182.5	114	12.48	93
189.60	191.37	134240	CORE_HALF	0.0036	3.6	312	4.4	25.24	118.2	90.3	101.4	114	12.65	201
192.62	194.20	134241	CORE_HALF	0.2396	239.6	1078	6.7	25.44	147.7	847.5	61	419	33.14	88
194.20	195.70	176831	CORE_UN	0.15	150		7	19	113	483	142		37	201
195.70	197.30	176832	CORE_UN	0.63	630		11	28	188	965	103		56	82
197.30	199.20	176833	CORE_UN	0.25	250		10	22	167	311	165		29	39
199.20	200.40	176834	CORE_UN	0.24	240		42	19	583	316	90		64	202
200.40	201.50	176835	CORE_UN	1.02	1020		100	205	1619	580	71		249	202
201.50	202.60	176836	CORE_UN	0.13	130		83	17	837	892	42		104	1006
202.60	204.20	176837	CORE_UN	0.01	10		77	9	1038	384	46		86	817
204.20	205.30	176838	CORE_UN	-0.01	-10		9	17	135	72	134		5	156
205.30	207.00	176839	CORE_UN	-0.01	-10		4	9	87	12	13		4	194
207.00	209.00	176840	CORE_UN	-0.01	-10		6	18	125	19	27		3	226
209.00	211.40	176841	CORE_UN	-0.01	-10		6	22	137	34	37		5	160
211.40	213.40	134242	CORE_HALF	0.0027	2.7	284	13.37	18.51	151.8	95.1	49	375	6.17	90
213.40	214.70	134243	CORE_HALF	0.0005	0.5	239	11.44	21.54	187.2	77.8	53.6	488	8.11	119
214.70	216.00	134244	CORE_HALF	0.0005	0.5	365	13.63	26.7	208.5	124.6	46.3	765	17.03	98
216.00	218.00	176842	CORE_UN	-0.01	-10		7	35	172	143	45		16	98
218.00	219.50	176843	CORE_UN	0.01	10		77	43	973	162	60		73	120
219.50	221.00	176844	CORE_UN	-0.01	-10		9	17	148	108	62		9	251
221.00	222.81	134245	CORE_HALF	-0.0002	-0.2	178	5.68	19.03	127	39.5	46.5	276	3.94	170
226.30	228.00	176845	CORE_UN	-0.01	-10		6	26	95	11	29		5	197
228.00	230.00	176846	CORE_UN	0.01	10		7	33	101	23	16		4	140
230.00	232.00	176847	CORE_UN	0.01	10		6	25	101	28	20		4	139
232.00	234.00	176848	CORE_UN	-0.01	-10		10	25	123	17	82		4	186
234.00	236.10	176849	CORE_UN	-0.01	-10		6	17	123	17	29		5	194
234.39		134246	CORE_HALF	0.0011	1.1	109	4.62	17.72	125.4	14.6	47.7	125	1.77	179
236.10	236.80	176850	CORE_UN	0.02	20		5	15	75	36	56		5	218
236.80	238.00	176851	CORE_UN	0.1	100		44	38	291	109	105		37	858
238.00	240.00	176852	CORE_UN	0.09	90		58	28	269	102	100		39	508
240.00	242.00	176853	CORE_UN	0.1	100		66	56	332	113	96		40	626
242.00	243.40	176854	CORE_UN	0.14	140		86	113	556	163	60		88	410
243.40	245.50	176855	CORE_UN	0.05	50		9	21	139	160	84		16	347
245.64	247.60	134247	CORE_HALF	-0.0002	-0.2	743	40.2	9.14	176	42.6	127.3	179	8.09	631
247.60	249.60	134248	CORE_HALF	-0.0002	-0.2	1517	56.29	10.87	361.1	45.8	83.1	293	11.83	380
249.60	251.60	134249	CORE_HALF	-0.0002	-0.2	612	29.23	8.76	95.9	19.9	115.4	110	4.29	848
251.60	253.65	134250	CORE_HALF	-0.0002	-0.2	1236	48.92	11.28	198.1	33	86.6	222	6.58	438
253.65	255.70	134251	CORE_HALF	-0.0002	-0.2	536	42.68	8.67	98	24.7	133.7	141	6.55	771

255.70	257.70	134252	CORE_HALF	-0.0002	-0.2	1409	52.86	12.02	196.3	32.7	50.4	389	8.34	459
257.70	259.50	134253	CORE_HALF	-0.0002	-0.2	1449	53.56	7.77	289.9	30	64.1	361	9.98	382
259.50	261.50	176856	CORE_UN	-0.01	-10		32	9	308	26	147		8	400
261.50	263.90	176857	CORE_UN	0.01	10		56	18	417	901	95		23	674
263.90	265.30	176858	CORE_UN	-0.01	-10		25	13	148	284	169		13	1463
265.30	266.65	134254	CORE_HALF	0.0004	0.4	506	21.3	7.35	80.3	61.2	255.5	117	5.69	1204
266.65	267.92	134255	CORE_HALF	0.0004	0.4	336	34.42	11.97	87.5	30.2	111	98	7.42	471

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_121

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_121	*Hole type*	Diamond drill *Size* NQ2	*Date commenced*	31/08/2003
DataSet	SIBS	*Depth*	211.23 m	*Date completed*	5/09/2003
Location	Pie Prospect	*Geologist*	Bill Power	*Drilling company*	ADVANCED DRILLING
Tenement	255259	*Notes*	Original coords are approximate. Stopped hole at fault.		

Collar Location

Field survey Differential GPS

	Grid ID	East	North	RL	Grid unit
Local Grid	SIB_Local	9840.00	10100.00	1134.00	m
UTM Grid	NAD83_9	406280.53	6274480.71	1136.00	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	93.5	Magnetic	117.0	-50.0	Compass	
42.06	m	87.9	Magnetic	111.4	-49.5	Unknown	
84.73	m	88.2	Magnetic	111.7	-48.4	Unknown	
131.67	m	93.3	Magnetic	116.8	-47.5	Unknown	

Lithology

Logged by: Jeff Reeder

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	4.57		CASE			100	
4.57	5.37	M	SWVO	BED_m		100	
5.37	8.53		XSAV	BED_m		100	
8.53	10.78	M	SWVO	BED_m		100	
10.78	14.60		XSWE	BED_w		100	
14.60	29.00	F	SACE	BED_m		100	
29.00	33.20		XSWE	BED_m		100	
33.20	34.95	M	SWVO	BED_m		100	
34.95	39.00		XSWE	BED_m		100	
39.00	47.40	F	SACE	BED_m		100	
47.40	48.20	M	SWVO	BED_m		100	
48.20	96.96	F	SACE	BED_m		100	
96.96	100.40		XSWE	BED_m		100	
100.40	143.20	F	SACE	BED_m		100	
143.20	149.26		XSWE	BED_m		100	
149.26	152.30	C	SWVO	BED_s		100	
152.30	155.90	M	SWCO	BED_m		100	
155.90	161.45	M	SWVO	BED_m		100	

161.45	162.03	C	SWVO	BED_m	100
162.03	168.65		XSAV	BED_m	100
168.65	169.40	C	SARO	BED_m	100
169.40	173.80		XSWE	BED_m	100
173.80	176.60		SWVO	BED_m	100
176.60	193.50		YIOM	PYC	100
193.50	196.20		XSAV	BED_m	100
196.20	207.00		SWVO	BED_m	100
207.00	211.23		SACE	BED_m	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
4.57	17.00		Carbonatization	diss	MOD	CARB	MOD	PY	MOD				
			Carbonatization	ff	MOD	PY	MOD	CARB	MOD				
17.00	118.00		Carbonatization	diss	MOD	CARB	MOD	PY	WK				
118.00	138.00		Carbonatization	diss	MOD	CARB	MOD						
138.00	161.30		Carbonatization	blb	MOD	CARB	MOD	PY	MOD				
			Carbonatization	ff	MOD	PY	MOD	CARB	MOD				
161.30	162.05		Carbonatization	diss	MOD	CARB	MOD	PY	MOD				
			Carbonatization	blb	MOD	PY	MOD	CARB	MOD				
162.05	172.50		Carbonatization	blb	MOD	CARB	MOD	PY	MOD				
			Carbonatization	ff	MOD	PY	MOD	CARB	MOD				
172.50	187.50		Phyllic	diss	MOD	QZ	WK	SERI	MOD	PY	STG		
187.50	193.50		Phyllic	diss	MOD	QZ	WK	SERI	MOD	PY	MOD		
193.50	195.40		Phyllic	diss	MOD	QZ	WK	SERI	MOD	PY	WK		
195.40	206.65		Carbonatization	ff	MOD	CARB	MOD	PY	MOD				
206.65	207.00		Carbonatization	ff	STG	CARB	STG	PY	STG				
207.00	211.23		Carbonatization	ff	MOD	CARB	MOD	PY	STG				

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
7.50	10.80		QZ/CARB	Planar Veins	WK	2	
25.00	30.10		QZ/CARB	Planar Veins	WK	2	
30.10	31.56		QZ/CARB	Fault-related veins	STG	5	
32.72	38.60		QZ/CARB	Fracture Veins	WK	2	
38.60	39.80		QZ/CARB	Planar Veins	MOD	4	
46.40	52.90		QZ/CARB	Planar Veins	WK	1	
58.50	58.90		QZ/CARB	Planar Veins	WK	1	
63.40	63.50		QZ/CARB	Planar Veins	WK	1	
65.10	70.00		QZ/CARB	Fracture Veins	MOD	3	
72.70	74.60		QZ/CARB	Fracture Veins	WK	1	
76.80	76.81		PY/QZ/CARB	Folded	MOD	2	
78.75	79.40		QZ/CARB	Planar Veins	WK	2	
81.50	84.75		QZ/CARB	Planar Veins	WK	1	
86.80	87.50		QZ/CARB	Planar Veins	WK	1	
90.70	90.80		QZ/CARB	Fracture Veins	MOD	18	
94.30	95.70		QZ/CARB	Planar Veins	MOD	2	
98.70	98.90		QZ/CARB	Fault-related veins	MOD	5	
100.70	100.90		QZ/CARB	Planar Veins	WK	1	
101.80	101.90		QZ/CARB/PY	Planar Veins	WK	2	
105.40	105.50		QZ/CARB	Planar Veins	WK	1	
106.42	106.50		QZ/CARB	Fracture Veins	WK	1	

118.50	119.20	QZ/CARB	Irregular/deformed/segmented	WK	1
119.20	120.60	QZ/CARB	Irregular/deformed/segmented	MOD	6
121.80	123.30	QZ/CARB	Fault-related veins	WK	4
124.20	124.90	QZ/CARB	Stockwork Veins	MOD	4
		QZ/CARB	Fault-related veins	WK	2
126.50	127.50	QZ/CARB	Fault-related veins	WK	1
128.20	128.80	QZ/CARB/PY	Fault-related veins	WK	2
130.40	131.40	QZ/CARB	Fault-related veins	MOD	7
		QZ/CARB	Irregular/deformed/segmented	MOD	12
131.50	137.30	QZ/CARB	Fault-related veins	WK	5
141.10	141.40	QZ/CARB	Fault-related veins	WK	4
146.00	152.30	QZ/CARB/PY	Irregular/deformed/segmented	WK	0.5
153.30	156.00	QZ/CARB/PY	Irregular/deformed/segmented	WK	4
157.40	157.90	QZ/CARB	Irregular/deformed/segmented	WK	4
164.00	164.20	QZ/CARB/FECARB	Cockade	STG	60
175.50	178.00	QZ/FECARB	Irregular/deformed/segmented	WK	1
180.75	180.90	QZ/CARB/FECARB	Planar Veins	WK	15
		QZ/CARB/FECARB	Fault-related veins	MOD	15
193.00	196.00	QZ/FECARB	Irregular/deformed/segmented	WK	1
196.00	198.00	QZ/CARB/FECARB	Fault-related veins	WK	5
198.00	206.65	QZ/CARB/PY	Irregular/deformed/segmented	WK	1
206.65	207.00	QZ/CARB/FECARB/PY	Irregular/deformed/segmented	STG	6
207.00	211.23	QZ/CARB/PY	Irregular/deformed/segmented	WK	2

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
4.57	14.60		bedding / bedded	MOD	
			undivided foliation-cleavage	MOD	
14.60	26.00		bedding / bedded	WK	
			undivided foliation-cleavage	MOD	
26.00	29.60		undivided foliation-cleavage	MOD	
29.60	31.00		fault gouge / clay/ pug	MOD	
			undivided foliation-cleavage	MOD	
32.30	32.90		bedding / bedded	MOD	
37.70	51.00		undivided foliation-cleavage	MOD	
51.00	59.15		undivided foliation-cleavage	MOD	
			bedding / bedded	MOD	
59.15	59.35		undivided foliation-cleavage	MOD	
			fault	WK	
59.35	90.50		undivided foliation-cleavage	MOD	
90.50	90.83		undivided foliation-cleavage	MOD	
			fault lineations e.g:slickensides/ slickenlines/	MOD	
90.83	96.96		undivided foliation-cleavage	MOD	
96.96	97.25		bedding / bedded	MOD	
97.25	99.70		undivided foliation-cleavage	MOD	
99.70	99.90		undivided foliation-cleavage	MOD	veins in fault zone
			shear/ shear zone	WK	
			fault	MOD	
100.40	114.80		undivided foliation-cleavage	MOD	
114.80	115.40		undivided foliation-cleavage	MOD	fibrous slickensides, structure parallel to core axis
			fault lineations e.g:slickensides/ slickenlines/	MOD	
115.40	144.00		undivided foliation-cleavage	WK	
144.00	144.50		undivided foliation-cleavage	MOD	
149.25	149.60		bedding / bedded	MOD	

150.00	151.50	bedding / bedded	MOD
161.40	162.10	bedding / bedded	WK
167.90	168.40	bedding / bedded	MOD
180.75	180.90	fault gouge / clay/ pug	WK
193.50	196.00	bedding / bedded	WK
198.00	200.50	bedding / bedded	MOD
201.90	202.90	bedding / bedded	STG
205.40	207.00	bedding / bedded	STG
207.00	211.23	fault	STG
		undivided foliation-cleavage	MOD
		bedding / bedded	MOD

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dip/ Plunge	Dip/ Plunge Dir.	Reliability	Comments
7.30	Bedding	35.0							bedding- change incomposition& grainsize
11.20	Bedding	35.0							bedding- change incomposition& grainsize
11.92	Bedding	42.0							bedding- change incomposition& grainsize
20.20	Bedding	30.0							bedding & foliation
20.20	Foliation	30.0							foliation
22.80	Bedding	30.0							bedding & foliation
22.80	Foliation	30.0							foliation
25.20	Fault plane	40.0	284.0			68	238	high	fault with weak slickensides. 1mm zone
25.21	Fault plane	40.0	95.0			58	356	high	fault with weak slickensides. 1mm zone
25.40	Bedding	42.0	1.0			88	292	high	bedding?
26.40	Foliation	30.0	1.0			80	112	high	foliation
36.50	Foliation	30.0	320.0			87	78	high	foliation
37.74	Bedding	75.0	270.0			43	269	high	bedding comp variation
38.30	Bedding	65.0	1.0			65	292	high	bedding- laminated sulphides
39.48	Foliation	40.0	325.0			85	265	high	foliation
40.30	Foliation	32.0	340.0			83	94	high	foliation
45.10	Foliation	30.0							foliation
49.10	Foliation	50.0							foliation
51.30	Foliation	45.0							foliation
53.39	Bedding	60.0							bedding - comp variation
54.10	Foliation	42.0							foliation
60.30	Foliation	50.0							foliation
98.75	Fault plane	22.0							fault with gouge, 1-2 mm
100.40	Bedding	60.0							comp variation
102.30	Foliation	27.0	50.0			88	155	high	foliation
102.35	Foliation	30.0	58.0			86	339	high	foliation
103.00	Foliation	35.0	85.0			68	354	high	foliation
107.00	Fault plane	25.0							weak, fault
108.40	Foliation	40.0							foliation
111.00	Foliation	22.0							foliation
113.00	Foliation	42.0							foliation
115.20	Fault plane	5.0	108.0			74	37	high	weak fault, razor thin
118.42	Bedding	80.0							grainy layer
122.35	Fault plane	45.0							weak fault, razor thin
122.40	Foliation	45.0							foliation
124.90	Foliation	30.0							weak foliation
131.50	Foliation	50.0	1.0			82	297	high	weak foliation
133.50	Foliation	50.0	15.0			82	306	high	weak foliation
139.20	Foliation	45.0	1.0			87	298	high	weak foliation

143.55	Bedding	54.0	45.0	72	323	high		moderate bedding
149.35	Bedding	62.0	70.0	57	328	high		excellent bedding
150.20	Bedding	58.0						excellent bedding
159.00	Bedding	59.0	70.0	59	331	high		comp variation+ grainsize variation
162.03	Bedding	75.0	130.0	34	317	high		comp variation+ grainsize variation
163.50	Foliation	70.0	80.0	49	323	high		
164.10	Bedding	75.0	80.0	47	317	high		Qzvein contact
164.50	Foliation	80.0						
168.20	Bedding	60.0						
172.10	Bedding	65.0						
180.65	Fault plane	25.0	200.0	28	159	high		
180.75	Fault plane	35.0	210.0	26	188	high		
194.85	Bedding	26.0	160.0	20	117	high		shallow dip east!
195.10	Bedding	25.0	135.0	42	43	high		steep dip north, EW strike
195.40	Fault plane	10.0	120.0	63	43	high		steep dip north, EW strike
199.50	Bedding	55.0						
202.40	Bedding	50.0						
206.40	Bedding	60.0						
207.60	Foliation	60.0						
207.80	Bedding	50.0						
209.40	Foliation	40.0						

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
8.53	14.60	0.5	pyrite	diss	0.3	pyrite	ff	0.3				
14.60	17.00	1	pyrite	diss	0.5	pyrite	ff	0.5				
17.00	76.80	0.1	pyrite	diss	0.1							
76.80	77.00	3	pyrite	ff	3							
77.00	118.00	0.2	pyrite	diss	0.1	pyrite	ff	0.1				
128.00	131.00	0.5	pyrite	ff	0.3	pyrite	blb	0.2				
134.00	138.00	0.5	pyrite	blb	0.2	pyrite	ff	0.3				
138.00	161.30	1	pyrite	blb	0.5	pyrite	diss	0.5				
161.30	162.05	2	pyrite	blb	1	pyrite	diss	1				
162.05	172.50	0.5	pyrite	blb	0.5							
172.50	187.20	0.5	pyrite	diss	0.5							
187.20	187.50	5	pyrite	diss	5							
187.50	193.50	2	pyrite	diss	2							
193.50	195.40	0.5	pyrite	diss	0.5							
206.65	207.00	5	pyrite	ff	3	pyrite	diss	2				
207.00	211.23	2	pyrite	diss	2							

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
4.57	7.00	135001	CORE_HALF	0.008	0.008	0.7	160	22.89	12.67	88.1	22	94.3	140	1.93	791
7.00	9.00	135002	CORE_HALF	0.012	0.012	0.5	186	30.93	18.55	87.7	21.3	68.1	193	2.29	355
9.00	11.00	135003	CORE_HALF	0.005	0.005	0.8	134	15.96	11.51	79.1	12.6	73.6	98	1.12	1017
11.00	13.00	135004	CORE_HALF	0.007	0.007	0.7	258	35.3	10.07	87.9	14.2	77.9	99	1.59	850
13.00	15.00	135005	CORE_HALF	0.002	0.002	0.2	97	39.13	13.95	95.5	16.4	74.3	142	1.77	545
15.00	17.00	135006	CORE_HALF	0.011	0.011	-0.2	93	53.81	14.38	92.5	18.7	69.9	142	1.78	418
17.00	19.00	135007	CORE_HALF	0.009	0.009	-0.2	84	44.46	12.39	101.4	18	97.3	112	1.69	503
19.00	21.00	135008	CORE_HALF	0.009	0.009	-0.2	108	39.72	16.49	90.8	18.1	73.8	127	1.9	509

21.00	23.00	135009	CORE_HALF	0.002	0.002	-0.2	82	47.48	12.52	94.8	22.5	79.9	126	2.34	378
23.00	25.00	135010	CORE_HALF	0.01	0.01	-0.2	126	39.14	17.36	96.2	23.5	80.4	143	2.42	730
25.00	27.00	135011	CORE_HALF	0.01	0.01	0.2	233	51.21	15.81	108.5	35.9	83.6	149	2.57	450
27.00	29.00	135012	CORE_HALF	0.043	0.043	0.6	917	50.07	12.1	98.1	42.5	89.4	107	2.82	395
29.00	31.00	135013	CORE_HALF	0.222	0.222	11.2	887	70.16	15.26	60.2	107.5	56.2	81	3.33	334
31.00	33.00	135014	CORE_HALF	0.177	0.177	8.2	1097	28.98	21.67	69.1	147.6	61.9	93	3.33	585
33.00	35.00	135015	CORE_HALF	0.086	0.086	15.6	1650	15.48	19.2	64.3	95.6	67.1	62	2.34	775
35.00	37.00	135016	CORE_HALF	0.041	0.041	1.5	1545	27.37	19.02	80.5	53.8	73.5	90	2.18	1120
37.00	39.00	135017	CORE_HALF	0.041	0.041	1.2	664	36.09	12.63	84.5	50.4	130.1	92	2.04	721
39.00	41.00	135018	CORE_HALF	0.067	0.067	1.1	747	52.07	17.52	88.8	75.1	88.7	120	2.34	548
41.00	43.00	135019	CORE_HALF	0.018	0.018	0.6	646	38.14	17.07	85.6	36.8	80.9	114	2.27	712
43.00	45.00	135020	CORE_HALF	0.014	0.014	0.4	265	39.84	13.25	117.8	24	81.4	108	3.01	540
45.00	47.00	135021	CORE_HALF	0.024	0.024	0.5	502	48.03	20.61	104.3	29.8	91.3	131	2.4	525
47.00	49.00	135022	CORE_HALF	0.025	0.025	0.4	554	34.7	18.67	94.6	29.9	82.5	98	1.88	759
49.00	51.00	135023	CORE_HALF	0.018	0.018	0.4	358	45.18	15.31	106.2	30.6	96.4	100	1.94	571
51.00	53.00	135024	CORE_HALF	0.019	0.019	0.5	316	38.77	19.98	99.4	28.2	73.8	121	2.32	604
53.00	55.00	135025	CORE_HALF	0.017	0.017	0.4	137	36.3	16.13	98.4	24	96.8	104	2.06	569
55.00	57.00	135026	CORE_HALF	0.016	0.016	-0.2	118	50.71	15.88	104.1	26.1	102.1	114	2.38	647
57.00	59.00	135027	CORE_HALF	0.014	0.014	0.2	149	47.37	19.91	133	25.1	101.2	135	3.66	529
59.00	61.00	135028	CORE_HALF	0.01	0.01	-0.2	115	49.72	16.07	110.4	25	125.8	117	2.51	519
61.00	63.00	135029	CORE_HALF	0.008	0.008	-0.2	100	52.02	15.49	113.2	26	107.8	115	2.63	425
63.00	65.00	135030	CORE_HALF	0.01	0.01	0.3	112	50.11	15.87	101.6	24.2	99.8	121	2.43	506
65.00	67.00	135031	CORE_HALF	0.006	0.006	0.2	89	45.65	13.3	108.6	23.5	136.1	94	2.56	624
67.00	69.00	135032	CORE_HALF	0.008	0.008	-0.2	115	46.45	16.24	97.8	25.5	93.4	106	2.9	548
69.00	71.00	135033	CORE_HALF	0.008	0.008	-0.2	132	41.05	15.81	92.5	27.5	88.5	88	2.85	966
71.00	73.00	135034	CORE_HALF	0.003	0.003	0.2	94	46.07	9.52	108.9	39.3	132.7	71	2.71	811
73.00	75.00	135035	CORE_HALF	0.016	0.016	0.3	243	41.13	20.21	90.8	30.1	76.9	106	3.62	511
75.00	77.00	135036	CORE_HALF	0.008	0.008	-0.2	114	44.21	9.23	108.4	34	136.8	80	3.15	451
77.00	79.00	135037	CORE_HALF	0.01	0.01	0.3	164	30.82	14.89	90.8	26.1	99.7	68	3.17	615
79.00	81.00	135038	CORE_HALF	0.013	0.013	0.5	169	43.89	15.85	92.4	29.8	106	97	3.37	452
81.00	83.00	135039	CORE_HALF	0.007	0.007	0.3	120	38.49	11.64	92.4	25.3	112.3	84	3.29	544
83.00	85.00	135040	CORE_HALF	0.01	0.01	0.6	118	31.64	10.98	87.8	22.9	130.3	67	3.05	710
85.00	87.00	135041	CORE_HALF	0.018	0.018	0.5	205	32.34	16.35	90.3	30.6	108.5	86	3.9	666
87.00	89.00	135042	CORE_HALF	0.026	0.026	0.6	229	35.26	14.75	96	33.7	106.6	92	4.17	505
89.00	91.00	135043	CORE_HALF	0.021	0.021	0.6	291	39.79	13.11	93.1	30.5	108.9	79	3.98	640
91.00	93.00	135044	CORE_HALF	0.043	0.043	1.1	775	34.32	19.69	90.3	36	79.9	78	3.94	792
93.00	95.00	135045	CORE_HALF	0.054	0.054	1	1267	45.15	25.75	99.2	45.2	59.6	90	3.64	711
95.00	97.00	135046	CORE_HALF	0.075	0.075	2.4	2583	36.86	37.57	81.5	52.1	61.4	67	3.21	694
97.00	99.00	135047	CORE_HALF	0.061	0.061	2	1851	30.76	33.48	54	59.8	97.8	53	2.66	543
99.00	101.00	135048	CORE_HALF	0.053	0.053	7.9	1199	13.33	25.46	68.4	44.1	83.6	27	2.24	870
101.00	103.00	135049	CORE_HALF	0.056	0.056	2.2	1879	49.93	35.17	88	53.8	87.5	59	4.76	541
103.00	105.00	135050	CORE_HALF	0.039	0.039	1.4	1221	29.83	25.54	80	35.2	111	51	4.49	666
105.00	107.00	135051	CORE_HALF	0.043	0.043	1.2	1132	36.08	27.34	73.7	33	107.9	68	5.79	588

107.00	109.00	135052	CORE_HALF	0.043	0.043	1.5	931	35.25	27.12	79	34.3	104.3	72	6.86	568
109.00	111.00	135053	CORE_HALF	0.039	0.039	1	774	38.48	24.8	83	38.1	116.9	68	7.25	912
111.00	113.00	135054	CORE_HALF	0.033	0.033	0.7	552	38.5	20.25	89.6	35.9	135.4	70	7.34	540
113.00	115.00	135055	CORE_HALF	0.027	0.027	1.1	331	28.17	15.1	90.2	28.5	152.8	70	6.08	671
115.00	117.00	135056	CORE_HALF	0.023	0.023	2.1	288	34.04	17.53	92.2	35.4	135.2	69	8.1	786
117.00	119.00	135057	CORE_HALF	0.018	0.018	0.5	176	24.9	14.01	85.9	26.2	130.8	60	4.63	603
119.00	121.00	135058	CORE_HALF	0.015	0.015	0.3	102	28.39	10.9	86.5	25	133.1	63	4.29	800
121.00	123.00	135059	CORE_HALF	0.009	0.009	0.2	82	26.69	11.67	86	23.1	142.7	64	4.65	641
123.00	125.00	135060	CORE_HALF	0.007	0.007	0.2	93	26.31	14.48	80.3	27.7	128.5	72	8.06	1026
125.00	127.00	135061	CORE_HALF	0.004	0.004	0.2	82	23.23	17.96	80.9	22.7	137.4	57	5.15	695
127.00	129.00	135062	CORE_HALF	0.007	0.007	-0.2	76	32.87	12.7	97	24.9	101.4	63	5.66	481
129.00	131.00	135063	CORE_HALF	0.002	0.002	-0.2	55	17.13	9.46	89.4	19.9	159.3	51	3.66	998
131.00	133.00	135064	CORE_HALF	0.009	0.009	-0.2	74	19.54	12.31	83.7	20.9	59.6	56	4.31	877
133.00	135.00	135065	CORE_HALF	0.006	0.006	0.2	101	25.94	14.88	94.5	27.5	34	93	6.52	537
135.00	137.00	135066	CORE_HALF	0.007	0.007	0.3	84	20.06	10.99	104.7	21.7	49.9	70	4.85	531
137.00	139.00	135067	CORE_HALF	0.023	0.023	0.2	87	23.43	12.35	87.2	24.3	48.3	79	6.18	464
139.00	141.00	135068	CORE_HALF	0.008	0.008	0.2	127	27.85	19.25	80.5	28.7	47.1	84	8.69	456
141.00	143.00	135069	CORE_HALF	0.005	0.005	-0.2	94	17.14	15.29	74.5	20.3	65.5	50	4.96	811
143.00	145.00	135070	CORE_HALF	0.006	0.006	0.2	43	11.46	6.38	85.3	12.6	169.1	22	2.28	1064
145.00	147.00	135071	CORE_HALF	-0.002	-0.002	-0.2	41	9.39	6.21	69	12.7	156.1	21	1.81	1067
147.00	149.00	135072	CORE_HALF	0.005	0.005	0.2	67	11.42	9.34	78.8	16.9	137.9	30	2.15	1417
149.00	151.00	135073	CORE_HALF	0.004	0.004	0.5	71	4.65	8.96	77	12.6	149.1	21	1.52	705
151.00	153.00	135074	CORE_HALF	0.003	0.003	0.7	76	4.37	6.89	76.6	11.7	122.8	28	1.25	1272
153.00	155.00	135075	CORE_HALF	0.011	0.011	0.7	117	7.47	12.95	83.4	15.6	132.3	40	1.99	1328
155.00	157.00	135076	CORE_HALF	0.02	0.02	1.1	207	11.62	18.84	110.9	18.6	52.2	62	2.56	523
157.00	159.00	135077	CORE_HALF	0.009	0.009	1.1	115	9.47	10.92	62.8	13.7	180.4	45	1.68	853
159.00	161.00	135078	CORE_HALF	0.012	0.012	0.5	151	14.36	15.61	70.9	23	42	56	2.12	1942
161.00	163.00	135079	CORE_HALF	0.027	0.027	0.7	363	17.92	30.07	95.3	29.2	41	150	3.72	731
163.00	165.00	135080	CORE_HALF	0.023	0.023	1	408	11.78	27.17	70.1	20.9	75.6	106	3.17	663
165.00	167.00	135081	CORE_HALF	0.015	0.015	0.4	302	14.75	16.56	129	27.3	85	70	1.93	2883
167.00	169.00	135082	CORE_HALF	0.015	0.015	-0.2	267	17.63	11.12	174.2	36.4	153.5	71	2.31	915
169.00	171.00	135083	CORE_HALF	-0.002	-0.002	-0.2	56	14.31	2.29	57.4	11.2	156.5	20	0.4	619
		135084	CORE_HALF	0.003	0.003	-0.2	61	11.09	2.16	53.7	19.3	172.9	19	0.48	761
171.00	173.00	135085	CORE_HALF	0.002	-0.002	-0.2	40	12.03	1.83	70.1	5.3	92.5	9	0.14	562
173.00	175.00	135086	CORE_HALF	-0.002	-0.002	-0.2	110	31.45	5.45	98	5.2	95.3	12	0.15	768
175.00	177.00	135087	CORE_HALF	0.0005		0.5	78	29.79	3.04	116.2	9.5	112.6	17	0.37	1145
177.00	179.00	135088	CORE_HALF	-0.0002		-0.2	66	16.98	1.47	69	12.3	117	19	0.56	466
179.00	181.00	135089	CORE_HALF	-0.0002		-0.2	67	27.08	1.09	109.8	44.8	111.2	37	0.51	787
181.00	183.00	135090	CORE_HALF	-0.0002		-0.2	69	14.72	0.72	194.7	15.9	107.8	50	0.42	922
183.00	185.00	135091	CORE_HALF	0.0003		0.3	15	0.6	0.69	59	7.4	100.3	14	0.18	615
185.00	187.00	135092	CORE_HALF	0.0019		1.9	45	1.21	1.68	62	10.7	133	13	0.25	526
187.00	189.00	135093	CORE_HALF	0.0011		1.1	17	0.84	1.19	9.7	2.4	259.3	-5	0.2	192
189.00	191.00	135094	CORE_HALF	0.0045		4.5	27	0.92	2.27	12.7	11.5	78.6	-5	0.4	257

191.00	193.00	135095	CORE_HALF	0.0032		3.2	26	0.64	1.41	33.1	30.3	90.5	-5	0.26	499
193.00	195.00	135096	CORE_HALF	0.0002		0.2	36	7.81	0.87	78.1	17.4	93	12	0.28	1222
195.00	197.00	135097	CORE_HALF	-0.0002		-0.2	48	5.26	1.09	66.3	16.2	134	16	0.35	1210
197.00	199.00	135098	CORE_HALF	0.0005		0.5	326	71.15	2.54	406.9	116.7	84.4	124	2.3	1490
199.00	201.00	135099	CORE_HALF	-0.0002		-0.2	36	5.64	0.87	112.3	9.4	100.8	28	0.24	1305
201.00	203.00	135100	CORE_HALF	0.0004		0.4	68	14.67	1.06	92.9	15.7	86.4	26	0.32	1439
203.00	205.00	135101	CORE_HALF	-0.0002		-0.2	84	16.77	2.16	95.9	13.2	142.1	23	0.19	1791
		135102	CORE_HALF	-0.0002		-0.2	81	17.4	1.31	106.1	11.9	86.1	32	0.21	1740
205.00	207.00	135103	CORE_HALF	0.005	0.005	-0.2	95	9.37	2.53	69.8	26.2	86.3	40	0.52	1535
207.00	208.00	135104	CORE_HALF	0.053	0.053	-0.2	740	40.06	20.04	96.5	81.1	74.4	100	4.89	643
208.00	209.00	135105	CORE_HALF	0.026	0.026	-0.2	486	11.67	12.69	17.1	50.4	113.5	67	2.93	455
209.00	209.80	135106	CORE_HALF	0.057	0.057	-0.2	727	30.74	14.47	35.4	78.3	88.9	84	4.63	510
209.80	211.23	135107	CORE_HALF	0.055	0.055	-0.2	916	27.44	20.09	90.6	55.8	88.4	123	4.8	525

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_122

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_122	*Hole type*	Diamond drill *Size* NQ2	*Date commenced*	7/09/2003
DataSet	SIBS	*Depth*	271.00 m	*Date completed*	11/09/2003
Location	Pie Prospect	*Geologist*	Tony Worth	*Drilling company*	ADVANCED DRILLING
Tenement	252874	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	SIB_Local	9840.00	10350.00	1143.00	m
UTM Grid	NAD83_9	408398.41	6274712.82	1141.47	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	93.5	Magnetic	117.0	-50.0	Compass	
60.96	m	93.4	Magnetic	116.9	-49.0	Unknown	
106.38	m	94.9	Magnetic	118.4	-49.0	Unknown	
152.10	m	94.9	Magnetic	118.4	-49.0	Unknown	
197.82	m	95.6	Magnetic	119.1	-46.7	Unknown	
246.58	m	91.1	Magnetic	114.6	-45.1	Unknown	

Lithology

Logged by: Tony Worth

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	6.80		CASE			100	
6.80	11.20	F	VFRO	PBX		100	Fractured, partly weathered rhyolite
11.20	15.20	F	VFRO	PBX		100	a/a - fresh
15.20	31.35	F	SACO	BED_m		100	Strongly faulted. Some graded bedding facing up hole
31.35	51.40	M	XSSO	BED_w		100	
51.40	109.70	C	XSGO	PLY	BED_w	100	Coarse clastic conglom with interbedded m-c grained sandstone
109.70	152.60	F	SACO	BED_w		100	Strongly faulted at top
152.60	156.80	F	XSIO	BED_g		100	beds young up hole - right way up
156.80	158.50	M	SSOO	BED_m		100	
158.50	163.50	F	XSIO	BED_g		100	beds young up hole - right way up
163.50	224.00	F	SACO	BED_w		100	deformed shell fossils at 78.4m
224.00	227.70	M	SSOO	BED_w		100	
227.70	260.80	F	SACO	BED_m		100	
260.80	268.00	M	XSIO	BED_m		100	beds young up hole - right way up
268.00	271.00	C	SSOO	BED_g		90	
		F	SACO	BED_m		10	

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
6.80	15.20		Sulphidic	ff	MOD	PY	WK	QZ	MOD	CARB	WK		Fracture fill pyrite
36.00	39.00		Carbonatization	pv	MOD	CARB	MOD	PY	TR				
39.00	42.00		Carbonatization	pv	WK	CARB	WK	PY	TR				
51.40	109.70		Chloritization	pv	WK	CL	WK						Blue mineral - type of chlorite??
140.00	156.80		Carbonatization	diss	WK	CARB	WK						carb in coarser beds within mudstone
156.80	163.50		Carbonatization	diss	MOD	CARB	MOD						
163.50	261.80		Carbonatization	diss	WK	CARB	WK						carb replacing coaser layers (mm scale) - or causing appearance of coaser layers
261.80	268.00		Carbonatization	diss	MOD	CARB	MOD						
268.00	269.90		Carbonatization	diss	MOD	CARB	MOD	SERI	WK	PY	WK	CH	
269.90	270.35		Carbonatization	diss	WK	CARB	WK	PY	WK				
270.35	271.00		Carbonatization	diss	MOD	CARB	MOD	PY	MOD				

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
6.80	31.35		QZ/CARB	Fracture Veins	WK	5	
31.35	158.50		QZ/CARB	Stringer Veins	TR	2	
158.50	163.50		QZ/CARB	Stringer Veins	WK	5	vein intensity increases in more competent sst beds
163.50	189.60		QZ/CARB	Stringer Veins	TR	2	
189.60	205.00		QZ/CARB	Stringer Veins	WK	5	fault related
205.00	230.00		QZ/CARB	Stringer Veins	TR	2	vein intensity variable - often localised in more fractured zones
230.00	230.50		QZ/CARB	Fracture Veins	MOD	5	
230.50	238.50		QZ/CARB	Stringer Veins	TR	2	
238.50	271.00		QZ/CARB	Stringer Veins	TR	2	

Structure

From	To	m	Structure	Intensity	Comments
6.80	15.10		fracture	STG	
15.10	15.40		fault breccia	STG	Contact fault
15.40	31.35		fracture	STG	strongly deformed - extremely broken core
37.35	37.80		fault zone	INT	gouge and broken core
37.80	46.00		fracture	MOD	
65.80	66.55		fracture	MOD	
77.20	78.20		fracture	MOD	
85.40	87.00		fault zone	MOD	broken core - minonr gouge
109.00	110.30		fault zone	WK	upper margin of zone
110.30	111.00		fault zone	STG	
111.00	114.00		fault zone	MOD	
114.00	117.00		fault zone	STG	
117.00	132.00		fracture	MOD	
132.00	137.00		fracture	WK	
137.00	140.00		fracture	MOD	
140.00	164.30		fracture	WK	
164.30	185.00		fault zone	WK	
185.00	194.00		fracture	MOD	possible fault zone - variably broken core
200.50	204.70		fault zone	MOD	
215.40	215.60		fault	STG	
220.35	223.00		fracture	WK	
229.00	230.50		fault zone	MOD	

260.00	260.50	fracture	MOD
262.60	263.00	fault gouge / clay/ pug	STG

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge Dir.	Reliability	Comments
35.30	Younging - graded bedding				U				Facing up hole
35.30	Bedding	35.0	5.0			84	121	high	
89.75	Bedding	65.0	110.0			39	338	high	
94.60	Fault plane	12.0	355.0			61	113	high	
106.25	Lithological contact	50.0	250.0			44	238	high	irregular contact between conglom and sst bed. Facing up
106.25	Younging direction				U				
109.70	Lithological contact	20.0	140.0			43	56	high	irregular contact between sst bed and mudstone. Facing up
109.70	Younging direction				U				
138.00	Bedding	30.0							
142.00	Bedding	20.0							
148.00	Bedding	20.0							
152.00	Bedding	28.0							
156.00	Bedding	53.0							
156.00	Younging - graded bedding				U				younging up hole
162.00	Bedding	55.0							
162.00	Younging - graded bedding				U				younging up hole
166.90	Bedding	30.0	225.0			39	196	high	
175.50	Bedding	42.0	20.0			90	314	high	
175.50	Younging - graded bedding				U				younging up hole
179.20	Bedding	35.0	355.0			82	115	high	
180.10	Bedding	35.0	5.0			82	123	high	
182.50	Bedding	35.0	20.0			84	135	high	
187.00	Bedding	32.0							
194.75	Bedding	52.0	40.0			76	323	high	
195.80	Younging - graded bedding				U				younging up hole
195.80	Bedding	50.0	55.0			72	333	high	
200.00	Bedding	45.0	40.0			82	326	high	
216.50	Fault plane	35.0							
218.70	Bedding	30.0							
224.70	Bedding	45.0							
230.00	Fault plane	10.0							Fault sub // to core
237.10	Bedding	46.0	62.0			74	334	high	
237.10	Younging - graded bedding				U				younging up hole (not conclusive)
238.25	Fault plane	15.0	55.0			78	169	high	
244.50	Bedding	40.0							Bed/foliation?
249.40	Foliation	25.0	35.0			77	147	high	Bed/foliation?
251.10	Foliation	25.0	45.0			81	155	high	Bed/foliation?
258.00	Foliation	40.0							Bed/foliation?
261.80	Bedding	50.0	120.0			40	355	high	
264.80	Bedding	45.0							Bed/foliation
265.00	Bedding	55.0							
265.00	Younging - graded bedding				U				younging up hole
268.60	Bedding	50.0							
268.60	Younging - graded bedding				U				younging up hole
269.50	Bedding	45.0							
269.50	Younging - graded bedding				U				younging up hole
269.90	Lithological contact	40.0							mudstone/conglom contact - // to bedding

270.35		Lithological contact			40.0									mudstone/sst contact - // to bedding	

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
6.80	15.20	3	pyrite	ff	3							
15.20	31.35	5	pyrite	bd	5							Primary fg py
31.35	109.70	0.5	pyrite	diss	0.5							variable up to 1% - mostly primary in clasts
109.70	140.00	1	pyrite	diss	1							vf grained primary py. Rare late py veinlets
140.00	261.80	0.5	pyrite	diss	0.5							
261.80	270.35	2	pyrite	diss	1	pyrite	blb	1				
270.35	271.00	3	pyrite	diss	3							Fairly coase grained

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
6.80	8.00	135201	CORE_HALF	0.0007		0.7	229	6.04	17.13	27.5	28.4	64.7	46	1.12	141
8.00	10.50	135202	CORE_HALF	0.0009		0.9	114	4.53	8.8	10.9	5.9	79.1	8	0.57	233
10.50	12.00	135203	CORE_HALF	0.001		1	80	2.43	13.67	8.6	11.5	79.7	10	0.72	248
12.00	13.50	135204	CORE_HALF	0.0009		0.9	78	3.22	7.86	18.8	16.2	77	13	0.44	303
13.50	14.50	135205	CORE_HALF	0.0011		1.1	83	3.48	4.79	22.4	20.6	69.3	34	0.63	221
14.50	15.20	135206	CORE_HALF	-0.002	-0.002	0.2	321	15.06	22.23	980.3	64.1	19.5	380	2.98	267
15.20	16.00	135207	CORE_HALF	0.005	0.005	0.3	702	56.46	36.89	421.5	65.8	35.8	792	30.44	455
16.00	18.00	135208	CORE_HALF	-0.002	-0.002	-0.2	383	57.55	18.05	418.2	52.7	34.9	826	23.16	719
18.00	20.00	135209	CORE_HALF	0.006	0.006	0.2	327	57.45	16.34	453.5	36.8	53.7	819	17.09	1184
20.00	22.00	135210	CORE_HALF	0.002	0.002	-0.2	407	48.58	24.31	546.4	31.2	41.4	1131	7.01	517
22.00	24.00	135211	CORE_HALF	0.003	0.003	-0.2	345	54.04	17.6	475.7	29.7	37.7	1165	2.22	1072
24.00	26.00	135212	CORE_HALF	0.005	0.005	-0.2	460	46.34	21.62	376.1	35.1	49	893	7.5	866
26.00	28.00	135213	CORE_HALF	0.002	0.002	-0.2	353	43.6	18.53	352.8	38.3	61.1	692	10.22	1042
28.00	30.00	135214	CORE_HALF	0.004	0.004	-0.2	208	40.2	17.03	250.3	33.7	23	809	6.41	535
30.00	31.35	135215	CORE_HALF	0.004	0.004	-0.2	252	29.61	24.71	166.5	30.9	87.3	525	7.33	572
31.35	33.00	135216	CORE_HALF	0.005	0.005	0.7	280	11.02	25.98	106.5	27.7	31	225	2.83	581
33.00	35.00	135217	CORE_HALF	0.0005		0.5	104	13.02	6.91	143.1	7.3	388.1	55	0.71	646
35.00	36.30	135218	CORE_HALF	0.0006		0.6	44	8.08	4.49	98	2.7	180	22	0.24	444
36.30	37.00	135219	CORE_HALF	0.0007		0.7	76	16.34	7.16	117.7	2.6	329.9	26	0.26	973
37.00	37.80	135220	CORE_HALF	0.0019		1.9	136	24.1	8.76	145	1.5	276.3	27	0.48	1242
37.80	39.00	135221	CORE_HALF	0.0009		0.9	80	8.06	7.99	74.1	1.2	81	10	0.39	5254
39.00	41.00	135222	CORE_HALF	-0.0002		-0.2	54	21.41	6.42	118.2	0.2	268.3	14	0.14	1389
41.00	43.00	135223	CORE_HALF	0.0004		0.4	53	23.46	11.88	169.3	6.8	123.9	12	0.18	1123
43.00	45.00	135224	CORE_HALF	0.0002		0.2	65	20.11	20.57	122.6	0.8	122	8	0.13	998
45.00	47.00	135225	CORE_HALF	-0.0002		-0.2	77	15.63	12.28	71.6	0.5	169.1	-5	0.1	377
47.00	49.00	135226	CORE_HALF	0.001		1	125	18.82	23.3	90.8	0.7	271.2	6	0.1	395
49.00	51.00	135227	CORE_HALF	0.0018		1.8	93	9.17	12.83	91	1.7	197.4	5	0.08	264
		135228	CORE_HALF	0.008		8	90	8.62	12.48	87.3	2.1	213.7	7	0.08	252
51.00	52.00	135229	CORE_HALF	0.0085		8.5	121	8.94	13.81	84	3.2	237.7	7	0.15	229
52.00	54.00	135230	CORE_HALF	0.0012		1.2	55	12.23	12.33	107.7	3.6	212.2	7	0.09	460
54.00	56.00	135231	CORE_HALF	0.01		10	87	14.84	8.8	105	3.4	278.7	9	0.15	539
56.00	58.00	135232	CORE_HALF	0.0255		25.5	149	24.33	11.79	74.6	3.4	314.4	7	0.11	313

58.00	60.00	135233	CORE_HALF	0.0318		31.8	107	18.37	9.13	80.3	3.4	200	7	0.13	489
60.00	62.00	135234	CORE_HALF	0.003		3	59	10.93	7.91	81.9	4.1	344.9	-5	0.1	573
62.00	64.00	135235	CORE_HALF	0.0011		1.1	64	6.48	4.39	66.8	3.7	205.2	5	0.08	508
64.00	66.00	135236	CORE_HALF	0.0009		0.9	70	8.85	8.55	72.6	0.4	172	11	0.11	514
66.00	68.00	135237	CORE_HALF	0.0054		5.4	60	8.52	8.68	61.8	0.2	148.1	9	0.13	514
68.00	70.00	135238	CORE_HALF	0.0026		2.6	61	12.3	11	83.2	0.9	285.1	14	0.16	730
70.00	72.00	135239	CORE_HALF	0.0014		1.4	62	7.1	11.1	81.2	1	667.6	7	0.17	787
72.00	74.00	135240	CORE_HALF	0.0016		1.6	48	5.58	9.36	67.1	0.5	190.5	7	0.12	670
74.00	76.00	135241	CORE_HALF	0.0016		1.6	33	4.33	4.29	76.5	0.3	244.3	8	0.15	577
76.00	77.50	135242	CORE_HALF	0.0043		4.3	32	3.21	5.89	80.8	0.5	170.5	8	0.19	717
77.50	78.50	135243	CORE_HALF	0.0085		8.5	46	1.76	5.13	43.8	-0.1	166	8	0.12	354
78.50	80.00	135244	CORE_HALF	0.0012		1.2	52	2.03	14.96	76	0.3	563.1	17	0.14	680
80.00	82.00	135245	CORE_HALF	0.0093		9.3	40	2.64	11.7	83.8	0.2	248.7	12	0.13	636
82.00	84.00	135246	CORE_HALF	0.0078		7.8	40	11.43	8.16	83.7	0.9	276.7	16	0.18	770
84.00	85.00	135247	CORE_HALF	0.036		36	568	991.13	24.82	87.9	0.4	568.7	54	0.21	795
85.00	86.00	135248	CORE_HALF	0.0039		3.9	22	6.03	4.51	35.2	-0.1	345.5	9	0.07	422
86.00	87.00	135250	CORE_HALF	0.0089		8.9	24	3.04	4.91	40.1	1.5	260.7	15	0.07	429
		135249	CORE_HALF	0.0131		13.1	65	15.96	24.33	103.5	0.2	361.1	11	0.1	823
87.00	88.00	135251	CORE_HALF	0.0022		2.2	49	8.16	13.52	97.6	2.2	171.7	11	0.13	930
88.00	89.00	135252	CORE_HALF	0.0055		5.5	60	16.12	16.9	68.2	0.8	232.7	8	0.08	379
89.00	91.00	135253	CORE_HALF	0.0105		10.5	46	7.13	10.74	86.6	2	486.4	8	0.13	1177
91.00	93.00	135254	CORE_HALF	0.012		12	58	28.8	6.66	88.6	1.2	393.8	10	0.1	1173
93.00	95.00	135255	CORE_HALF	0.013		13	152	184.75	19.4	111.2	1.2	274.2	17	0.11	963
95.00	97.00	135256	CORE_HALF	0.0067		6.7	72	48.98	15.06	110.2	0.9	251.9	10	0.09	855
97.00	99.00	135257	CORE_HALF	0.0049		4.9	56	56.27	13.16	119.3	1	371.9	10	0.08	999
99.00	101.00	135258	CORE_HALF	0.0121		12.1	54	25.56	7.7	71.3	1.1	431.6	8	0.09	823
101.00	103.00	135259	CORE_HALF	0.0194		19.4	66	18.61	8.68	81.6	1.2	280.2	5	0.11	653
103.00	105.00	135260	CORE_HALF	0.0185		18.5	59	9.84	17.2	87	4.2	366.3	17	0.13	721
105.00	106.25	135261	CORE_HALF	0.0038		3.8	64	12.71	15.89	93.3	3.5	394.6	16	0.12	608
106.25	108.00	135262	CORE_HALF	0.0015		1.5	45	5.49	11.69	111	4.8	424.9	19	0.13	429
108.00	109.00	135263	CORE_HALF	0.008	0.008	0.6	55	7.96	18	112.5	6.6	396.1	15	0.16	372
109.00	109.70	135264	CORE_HALF	0.011	0.011	1.2	45	4.61	10.73	77.2	4.2	319.5	17	0.21	257
109.70	111.00	135265	CORE_HALF	0.026	0.026	0.4	176	61.45	37.08	145.3	19.8	184.8	74	1.47	569
111.00	112.00	135266	CORE_HALF	0.016	0.016	0.3	116	65.34	23.65	115.9	11.7	240.2	63	1.11	484
112.00	113.00	135267	CORE_HALF	-0.002	-0.002	-0.2	31	45.11	6.59	97	7.7	181.3	16	0.11	440
113.00	114.00	135268	CORE_HALF	-0.002	-0.002	-0.2	29	69.84	8.99	94.4	5.9	190.7	9	0.12	468
114.00	115.00	135269	CORE_HALF	0.017	0.017	0.2	135	103.45	25.38	153.9	29.7	157.7	74	1.1	336
115.00	116.00	135270	CORE_HALF	0.01	0.01	0.2	119	70.74	18.91	123.7	18.5	140.1	97	1.26	641
116.00	117.00	135271	CORE_HALF	0.011	0.011	0.2	100	68.65	11.68	149.8	16.6	247.8	86	0.89	452
117.00	118.00	135272	CORE_HALF	-0.002	-0.002	-0.2	12	48.46	2.49	116.9	1.5	166.4	9	0.05	339
118.00	120.00	135273	CORE_HALF	-0.002	-0.002	0.2	35	49.76	5.54	110.4	8.5	297.7	34	0.36	476
120.00	122.00	135274	CORE_HALF	0.014	0.014	0.2	137	54.29	23.74	142.3	25	109.8	158	1.94	1058
122.00	124.00	135275	CORE_HALF	0.01	0.01	-0.2	103	52.06	21.54	108.2	22.7	123	154	1.97	1054

		135276	CORE_HALF	0.01	0.01	0.5	111	57.27	22.39	120.6	17.9	148	171	1.79	940
124.00	126.00	135277	CORE_HALF	0.01	0.01	0.4	107	57.58	21.01	116.4	17.5	145.6	156	1.7	950
126.00	128.00	135278	CORE_HALF	0.011	0.011	0.2	111	46.1	22.61	129.9	19.9	113.8	193	2.2	685
128.00	130.00	135279	CORE_HALF	0.009	0.009	0.4	120	51.07	23.62	113.7	26.6	87.9	225	2.13	1217
130.00	132.00	135280	CORE_HALF	0.007	0.007	-0.2	99	61.46	19.19	115	17.7	122.2	202	1.68	727
132.00	134.00	135281	CORE_HALF	0.009	0.009	0.3	78	50.47	12.94	111	16.2	122.6	158	1.12	945
134.00	136.00	135282	CORE_HALF	0.007	0.007	0.2	70	52.89	12.02	112.1	15.1	141.7	151	1.53	723
136.00	138.00	135283	CORE_HALF	0.007	0.007	0.3	92	44.41	15.3	103	17.8	71.1	158	3.03	861
138.00	140.00	135284	CORE_HALF	0.037	0.037	0.2	162	52.49	13.17	110.5	15.9	105.8	138	3.05	520
140.00	142.00	135285	CORE_HALF	0.008	0.008	0.2	148	43.93	17.46	116.1	18.7	140.4	157	2.82	930
142.00	144.00	135286	CORE_HALF	0.006	0.006	0.2	95	57.82	14.62	116.4	18.6	98.2	182	1.83	683
144.00	146.00	135287	CORE_HALF	0.004	0.004	0.2	75	45.99	13.18	98.7	15.7	134.4	158	1.34	740
146.00	148.00	135288	CORE_HALF	-0.002	-0.002	0.2	67	45.53	9.1	95.1	15.6	125.7	129	1.04	866
148.00	150.00	135289	CORE_HALF	0.002	0.002	0.2	60	35.1	7.9	90.3	14.6	222.3	101	0.88	1021
150.00	152.00	135290	CORE_HALF	0.006	0.006	0.4	83	45.9	13.12	97.4	16.5	88.6	211	1.6	555
152.00	154.00	135291	CORE_HALF	0.008	0.008	0.2	85	38.2	12.45	88	16.1	82.5	180	1.25	890
154.00	156.00	135292	CORE_HALF	0.009	0.009	0.6	130	28.93	16.52	85.9	18.5	51.4	221	1.46	569
156.00	156.75	135293	CORE_HALF	0.006	0.006	0.3	83	26.6	9.62	94	14.5	94.5	115	1.08	475
156.75	158.50	135294	CORE_HALF	0.004	0.004	0.8	72	12.16	6.42	66.3	11.9	240	52	0.82	1012
158.50	160.00	135295	CORE_HALF	0.006	0.006	0.5	220	24.12	9.64	70	20.2	79.9	70	1.77	1030
160.00	162.00	135296	CORE_HALF	0.004	0.004	0.4	82	33.01	10.16	84.4	20.2	137.5	110	2.33	599
162.00	163.50	135297	CORE_HALF	0.011	0.011	0.3	79	29.5	11.96	71.6	15.5	132.4	102	1.58	729
163.50	165.00	135298	CORE_HALF	0.004	0.004	0.4	89	54.35	15.14	96.1	21.1	88.1	156	1.79	393
165.00	167.00	135300	CORE_HALF	0.005	0.005	0.3	65	49.88	11.65	97.1	17	111.7	147	1.35	371
		135299	CORE_HALF	0.005	0.005	-0.2	60	50.89	11.35	99.1	16.8	139.5	136	1.44	431
167.00	169.00	134270	CORE_HALF	0.006	0.006	0.2	78	40.05	13.11	92.1	15.5	116.4	160	1.31	562
169.00	171.00	134271	CORE_HALF	0.006	0.006	0.2	71	38.84	12.04	95.2	15.2	75.3	130	1.27	674
171.00	173.00	134272	CORE_HALF	0.01	0.01	-0.2	84	45.81	13.16	109.3	15.8	109.5	121	1.37	399
173.00	175.00	134273	CORE_HALF	0.009	0.009	0.3	94	48.5	14.02	104.7	17	60.9	112	1.39	463
175.00	177.00	134274	CORE_HALF	0.007	0.007	-0.2	68	55.07	11.15	100.3	17.1	147.3	101	1.49	414
177.00	179.00	134275	CORE_HALF	0.006	0.006	0.2	52	35.5	8.65	101.2	13.9	144.1	75	1.31	470
179.00	181.00	134276	CORE_HALF	0.012	0.012	0.2	113	39.52	16.98	105.6	20.6	72.2	125	1.83	481
181.00	183.00	134277	CORE_HALF	0.006	0.006	-0.2	84	37.73	13.28	99.8	18.1	106.5	98	1.47	567
183.00	185.00	134278	CORE_HALF	0.005	0.005	0.2	116	44.48	18.05	105.9	23.7	87.8	129	1.81	417
185.00	187.00	134279	CORE_HALF	0.009	0.009	0.2	87	60.1	13.92	103.5	25.4	96.9	123	2.05	415
187.00	189.00	134280	CORE_HALF	0.017	0.017	0.3	79	48.45	12.17	122.9	23.7	93.5	105	1.69	454
189.00	191.00	134281	CORE_HALF	0.006	0.006	0.2	74	53.67	12.08	114.6	28.3	115.6	105	1.87	487
191.00	192.00	134282	CORE_HALF	0.018	0.018	-0.2	129	39.36	18.75	109.8	31.1	60	121	1.84	563
192.00	193.00	134283	CORE_HALF	0.01	0.01	-0.2	105	43.5	17.51	90.2	158.3	43.8	120	1.46	603
193.00	195.00	134284	CORE_HALF	0.008	0.008	-0.2	100	48.85	16.06	109.5	28.8	49	129	1.81	401
195.00	197.00	134285	CORE_HALF	0.011	0.011	-0.2	82	45.18	13.28	112.9	24.6	108.4	110	1.79	464
197.00	199.00	134286	CORE_HALF	0.007	0.007	-0.2	111	50.78	17.36	98.9	23.3	66	146	2.09	526
199.00	201.00	134287	CORE_HALF	0.011	0.011	0.2	57	53.81	10.34	115	18.1	99.7	93	1.95	481

201.00	203.00	134288	CORE_HALF	0.009	0.009	-0.2	84	32.89	13.23	103.7	16.2	103.5	77	1.72	656
203.00	205.00	134289	CORE_HALF	0.011	0.011	-0.2	70	48.99	11.71	109.8	20.9	104.6	90	1.94	438
205.00	207.00	134290	CORE_HALF	0.01	0.01	-0.2	87	37.54	13.23	104	17.2	112.2	81	1.86	533
207.00	209.00	134291	CORE_HALF	0.006	0.006	-0.2	80	35.66	12.33	95.8	16.9	107.5	86	2.25	402
209.00	211.00	134292	CORE_HALF	0.012	0.012	0.2	89	35.79	13.8	96.2	18.1	77.7	75	2.08	496
211.00	213.00	134293	CORE_HALF	0.011	0.011	0.3	96	40.63	14.63	91.8	18.8	71.3	82	2.3	389
213.00	215.00	134294	CORE_HALF	0.007	0.007	0.2	63	28.42	10.34	87.3	14.3	100.7	62	1.76	598
215.00	217.00	134295	CORE_HALF	0.009	0.009	0.2	78	32.22	12.55	86.4	14.9	94.3	75	2.17	392
217.00	219.00	134296	CORE_HALF	0.014	0.014	-0.2	89	29.42	14.11	90.3	18.7	93.4	89	2.77	440
219.00	221.00	134297	CORE_HALF	0.007	0.007	-0.2	86	39.64	12.97	102.3	19.4	61.7	97	3.1	417
221.00	223.00	134298	CORE_HALF	0.004	0.004	-0.2	81	39.81	12.74	95.9	19	139.7	104	3.84	354
223.00	224.65	134300	CORE_HALF	0.002	0.002	-0.2	81	36.38	12.44	94.2	19.5	135.5	73	2.65	536
		134299	CORE_HALF	0.006	0.006	-0.2	73	31.43	11.84	90	17.1	116.4	72	2.55	509
224.65	226.00	134301	CORE_HALF	0.002	0.002	-0.2	21	15.28	2.61	61.1	6.5	136.1	17	0.39	1163
226.00	227.75	134302	CORE_HALF	-0.002	-0.002	0.3	29	16.15	4.85	57.3	8.1	168.6	23	0.63	1278
227.75	229.00	134303	CORE_HALF	0.01	0.01	0.5	111	33.8	16.49	79	22.2	67.1	98	2.88	418
229.00	230.50	134304	CORE_HALF	0.019	0.019	0.2	106	29.64	15.8	71	23.1	76.2	114	2.68	664
230.50	232.00	134305	CORE_HALF	0.002	0.002	-0.2	72	28.81	11.05	79.8	17.1	153.7	82	2.16	664
232.00	234.00	134306	CORE_HALF	0.007	0.007	0.2	114	42.73	16.09	83.1	29	61.2	137	3.76	445
234.00	236.00	134307	CORE_HALF	0.01	0.01	-0.2	89	31.84	13.24	83.3	25.5	78.8	119	3.27	530
236.00	238.00	134308	CORE_HALF	-0.002	-0.002	-0.2	60	28.73	10.86	73.1	23.3	127	100	3.04	755
238.00	240.00	134309	CORE_HALF	0.007	0.007	-0.2	88	32.66	14.2	79.7	31.6	66.7	154	4.7	432
240.00	242.00	134310	CORE_HALF	0.004	0.004	0.3	88	32.17	13.34	86.5	35.5	55.8	151	4.3	590
242.00	244.00	134311	CORE_HALF	0.004	0.004	0.3	75	33.3	11.24	83.5	31.2	75	125	4.02	483
244.00	246.00	134312	CORE_HALF	0.003	0.003	-0.2	60	34.37	9.52	93.6	23.2	107.9	94	3.08	679
246.00	248.00	134313	CORE_HALF	-0.002	-0.002	0.2	90	35.16	13.08	87.4	28.2	79	111	3.81	646
248.00	250.00	134314	CORE_HALF	0.004	0.004	0.2	80	33.52	12.41	96.8	28.8	99	109	3.99	518
250.00	252.00	134315	CORE_HALF	0.002	0.002	-0.2	61	28.8	10.06	93.3	27	146.5	77	3.38	579
252.00	254.00	134316	CORE_HALF	0.008	0.008	0.3	68	20.48	8.53	91.6	27.8	121.5	71	3.22	944
254.00	256.00	134317	CORE_HALF	0.009	0.009	0.3	67	22.94	9.83	113.1	28.6	107.2	92	5.19	743
256.00	258.00	134318	CORE_HALF	0.006	0.006	-0.2	80	25.83	10.68	91	29.4	37.8	142	5.56	498
258.00	260.00	134319	CORE_HALF	0.006	0.006	0.3	101	30.91	14.21	91.9	30.1	79.6	162	6.47	371
260.00	261.80	134320	CORE_HALF	0.009	0.009	0.5	80	22.74	9.8	91.7	22	85.2	89	3.74	591
261.80	263.00	134321	CORE_HALF	0.008	0.008	0.5	71	18.69	7.68	86.3	23.9	132.8	54	2.29	864
263.00	265.00	134322	CORE_HALF	0.009	0.009	0.9	67	11.09	5.99	93.7	19.6	126.3	51	2.2	1067
265.00	267.00	134323	CORE_HALF	0.014	0.014	1	84	11.1	7.16	92.7	26.1	159.5	61	2.25	1092
267.00	268.00	134324	CORE_HALF	0.027	0.027	1.9	164	12.74	11.63	111.9	42.8	145.8	94	3.21	646
268.00	269.00	134325	CORE_HALF	0.021	0.021	6.7	113	9.99	8.22	96.9	29.4	159.2	61	1.76	734
		134326	CORE_HALF	0.029	0.029	7.8	115	7.53	7.59	102.4	31.8	145.4	64	1.77	595
269.00	269.90	134327	CORE_HALF	0.013	0.013	4.4	100	8.7	6.12	87.2	23.8	154	56	1.73	892
269.90	270.30	134328	CORE_HALF	0.075	0.075	2.8	413	23.27	21.76	95.3	51.8	32.5	288	5.93	269
270.30	271.00	134329	CORE_HALF	0.059	0.059	14.8	186	15.26	12.44	43.5	27	32.9	604	3.1	1103

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_123

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_123	*Hole type*	Diamond drill *Size* BTW	*Date commenced*	6/09/2003
DataSet	SIBS	*Depth*	282.55 m	*Date completed*	9/09/2003
Location	Mercury Prospect	*Geologist*	Bill Power	*Drilling company*	FALCON DRILLING
Tenement	255266	*Notes*	Original coords are approximate.		

Collar Location

Field survey GPS located

	Grid ID	East	North	RL	Grid unit
Local Grid	SIB_Local	10660.00	8300.00	893.00	m
UTM Grid	NAD83_9	408163.96	6272531.33	895.25	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	273.5	Magnetic	297.0	-50.0	Compass	No downhole surveys

Lithology

Logged by: Bill Power

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	3.05		CASE			100	
3.05	4.10		OOOO			100	
4.10	35.98	F	YIOF	PYC	FOL	100	
35.98	37.40	C	YIOC	PYC	FOL	100	
37.40	40.00	F	YIOF	PYC	FOL	100	
40.00	51.25	C	YIOC	PYC	FOL	100	
51.25	56.00	F	XVIF	PYC	FOL	100	
56.00	58.50	F	SAVO	FOL		100	
58.50	63.00	F	XVIF	PYC	FOL	100	
63.00	63.20	F	YIOF	PYC	FOL	100	
63.20	65.20	C	YIOC	PYC		100	
65.20	69.10	F	XVIF	FOL		100	fines up hole
69.10	82.90	C	YIOC	PYC		100	
82.90	85.20	M	YIOA	PYC	SOO	70	
			XVIF			30	
85.20	88.51	M	YIOM	PYC		100	
88.51	90.90	F	XVIF	PYC		100	
90.90	92.60	M	YIOM	PYC		100	
92.60	99.10	F	YIOF	FOL		100	
99.10	99.74	M	YIOM	BED_g	FOL	100	
99.74	99.92	F	YIOF	BED_g	FOL	100	

99.92	102.72	M	YIOM	PYC	FOL		100
102.72	104.57	F	YIOF	BED_g	FOL		100
104.57	105.54	M	YIOM	PYC	FOL		100
105.54	127.35	F	YIOF	FOL			100
127.35	129.02	M	YIOM	PYC	FOL		100
129.02	132.17	F	YIOF	FOL			100
132.17	146.96	M	YIOM	PYC	FOL		100
146.96	149.67	F	YIOF	FOL			100
149.67	151.30	M	YIOM	PYC	FOL		100
151.30	154.53	C	YIOC	PYC	FOL		100
154.53	160.96	M	YIOM	PYC	FOL		100
160.96	169.60	C	YIOC	PYC	FOL		100
169.60	170.90	F	YIOF	FOL			100
170.90	173.00	M	YIOM	PYC	FOL		100
173.00	173.75	C	YIOC	PYC	FOL		100
173.75	177.20	M	YIOM	PYC	FOL		100
177.20	182.60	F	XYIF	FOL			100
182.60	196.60	F	YIOF	FOL			100
196.60	206.00	F	XYIF	FOL			100
206.00	208.50	F	YIOF	FOL			100
208.50	210.80	F	XYIF	FOL			100
210.80	238.00	F	YIOF	FOL			100
238.00	282.55	M	YIOM	PYC	FOL		100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
4.10	14.10		Phyllic	diss	MOD	SERI	MOD	PY	MOD				
			Carbonatization	diss	MOD	CARB	MOD						
14.10	19.10		Chloritization	diss	INT	SERI	INT	PY	INT				
			Carbonatization	diss	MOD	CARB	MOD						
19.10	29.70		Phyllic	diss	MOD	SERI	MOD	PY	WK				green color associated with QZ veins
			Carbonatization	diss	MOD	CARB	MOD						green color associated with QZ veins
			Altered (undifferentiated)	diss	MOD	CL	MOD	QZ	MOD				green color associated with QZ veins
29.70	37.40		Phyllic	blb	MOD	SERI	MOD	PY	WK				green color associated with QZ veins
			Carbonatization	diss	MOD	CARB	MOD						green color associated with QZ veins
			Altered (undifferentiated)	diss	MOD	CL	MOD	QZ	MOD				green color associated with QZ veins
37.40	51.25		Phyllic	blb	MOD	SERI	MOD	PY	WK				green color associated with QZ veins
			Carbonatization	diss	MOD	CARB	MOD						green color associated with QZ veins
			Altered (undifferentiated)	diss	MOD	CL	WK	QZ	WK				green color associated with QZ veins
51.25	55.95		Phyllic	diss	STG	SERI	STG	PY	STG				
55.95	58.60		Altered (undifferentiated)	diss	MOD	PY	MOD	CARB	MOD				
			Altered (undifferentiated)	ff	MOD	CARB	MOD	PY	MOD				
58.60	61.00		Phyllic	diss	MOD	PY	MOD	SERI	MOD				

61.00	63.00	Altered (undifferentiated)	diss	MOD	PY	MOD	SERI	MOD		
63.00	72.20	Phyllic	diss	WK	PY	WK				
72.20	72.60	Phyllic	diss	MOD	PY	MOD	SERI	MOD		
72.60	90.90	Phyllic	diss	WK	PY	WK				
90.90	91.50	Phyllic	diss	MOD	PY	MOD				
91.50	92.60	Phyllic	diss	MOD	PY	MOD				
102.75	104.60	Phyllic	diss	MOD	SERI	MOD	PY	WK	CARB	WK
104.60	109.00	Phyllic	diss	MOD	PY	MOD				
109.00	110.00	Phyllic	diss	MOD	SERI	MOD	PY	WK	CARB	WK
114.00	117.90	Phyllic	diss	MOD	SERI	MOD	PY	WK	CARB	WK
118.00	121.90	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
123.75	127.00	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
127.00	133.90	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
138.00	143.00	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
143.80	146.00	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
147.50	147.80	Phyllic	diss	MOD	SERI	MOD	CARB	MOD		
148.60	151.50	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
151.80	158.00	Phyllic	diss	MOD	SERI	MOD	CARB	MOD	PY	WK
158.50	177.20	Phyllic	diss	MOD	SERI	MOD	CARB	MOD		
180.25	182.80	Carbonatization	lam	WK	CARB		QZ			
182.80	196.60	Chloritization	mass	MOD	CL		PY		CARB	
199.80	200.45	Chloritization	blb	MOD	CL		CARB		PY	
200.45	208.50	Silicic/Silicification	mass	MOD	QZ		PY		CL	
208.50	211.30	Chloritization	lam	MOD	CL		PY		CARB	
218.20	222.90	Chloritization	lam	WK	CL		PY		CARB	
222.90	225.65	Silicic/Silicification	pat	MOD	QZ		CL		CARB	
232.20	236.70	Silicic/Silicification	pat	STG	QZ		SERI		CARB	
236.70	237.55	Sericitiziation	mass	STG	SERI		CARB		QZ	
237.55	240.70	Chloritization	mass	MOD	CL		QZ		CARB	
240.70	241.50	Sericitiziation	mass	STG	SERI		CARB		QZ	
249.95	250.20	Sericitiziation	mass	STG	SERI		CARB		QZ	
251.10	251.40	Sericitiziation	mass	STG	SERI		CARB		QZ	
256.70	257.33	Sericitiziation	mass	STG	SERI		CARB		QZ	
257.93	258.40	Sericitiziation	mass	MOD	SERI		CARB		QZ	
261.70	262.55	Sericitiziation	mass	STG	SERI		QZ		PY	

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
4.10	19.00		QZ/CARB	Irregular/deformed/segmented	WK	2	
19.00	25.00		QZ	Planar Veins	MOD	10	
			QZ/CARB	Planar Veins	WK	10	
25.00	36.10		QZ/CARB	Planar Veins	WK	3	
36.10	37.50		QZ/FECARB	Irregular/deformed/segmented	MOD	20	
37.50	38.50		QZ/CARB	Irregular/deformed/segmented	WK	2	
			CARB/PY	Irregular/deformed/segmented	MOD	8	
38.50	50.00		QZ/CARB	Irregular/deformed/segmented	WK	2	
			CARB/PY	Stylolitic	MOD	5	
53.00	54.00		QZ/CARB	Planar Veins	MOD	25	
54.00	61.00		QZ/CARB/FECARB	Irregular/deformed/segmented	STG	20	
61.00	63.50		QZ/CARB	Planar Veins	MOD	6	
66.90	72.60		QZ/CARB	Irregular/deformed/segmented	MOD	15	
80.50	86.00		QZ/CARB	Planar Veins	WK	0.5	
88.00	92.40		QZ/CARB	Planar Veins	MOD	4	

97.80	98.62	QZ	Irregular/deformed/segmented	STG	15
98.62	98.93	QZ	Planar Veins	STG	300
103.50	104.05	QZ	Planar Veins	STG	6
104.05	104.21	QZ/CARB	Planar Veins	STG	16
104.21	104.65	QZ/CARB	Boudinaged	MOD	2
105.30	105.50	QZ	Irregular/deformed/segmented	MOD	5
106.20	106.70	QZ	Irregular/deformed/segmented	WK	3
109.00	109.10	QZ/CARB	Planar Veins	STG	100
110.00	112.00	QZ	Planar Veins	WK	10
112.30	115.20	QZ/CARB	Planar Veins	STG	90
117.96	118.25	QZ/CARB	Planar Veins	STG	35
118.85	119.00	QZ/CARB	Planar Veins	STG	25
120.25	121.00	QZ	Irregular/deformed/segmented	MOD	8
121.60	123.75	QZ/PY	Irregular/deformed/segmented	WK	4
123.75	126.15	QZ/CARB/PY	Planar Veins	STG	30
126.50	127.00	QZ/CARB	Irregular/deformed/segmented	MOD	15
127.00	132.10	QZ/CARB	Irregular/deformed/segmented	WK	2
138.00	140.60	QZ/CARB	Irregular/deformed/segmented	WK	2
143.90	144.30	QZ/CARB	Planar Veins	STG	120
147.05	147.20	CARB	Planar Veins	STG	7
151.50	153.75	QZ/CARB	Irregular/deformed/segmented	WK	3
170.90	171.40	QZ/CARB	Irregular/deformed/segmented	STG	10
176.50	177.00	QZ/CARB	Planar Veins	STG	60
177.20	178.50	QZ/CARB	Irregular/deformed/segmented	MOD	2
179.20	184.50	QZ/CARB	Planar Veins	WK	2
187.20	188.00	QZ/CARB	Planar Veins	MOD	30
190.40	192.90	QZ	Planar Veins	WK	2
197.00	197.40	QZ	Planar Veins	WK	4
199.80	208.00	QZ/PY	Planar Veins	MOD	1
208.50	211.10	QZ/CARB	Planar Veins	MOD	2
214.00	214.30	QZ	Planar Veins	STG	60
215.80	222.90	QZ/CARB	Planar Veins	WK	2
222.90	223.70	QZ/CARB	Irregular/deformed/segmented	STG	5
225.20	225.70	QZ/CARB	Planar Veins	STG	250
226.00	228.30	QZ/CARB	Irregular/deformed/segmented	MOD	6
232.20	241.30	QZ/CARB	Planar Veins	MOD	10
241.50	248.50	QZ/PY	Planar Veins	WK	4
250.10	254.00	QZ/CARB	Planar Veins	MOD	8
259.00	259.80	QZ/CARB	Planar Veins	MOD	30
260.70	266.20	QZ/CARB	Irregular/deformed/segmented	MOD	5
270.70	282.55	QZ	Irregular/deformed/segmented	WK	3

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
4.10	16.00		undivided foliation-cleavage	STG	
16.00	19.70		undivided foliation-cleavage	INT	
19.70	22.35		undivided foliation-cleavage	STG	
22.35	22.65		undivided foliation-cleavage	STG	
			bedding / bedded	WK	
22.65	33.20		undivided foliation-cleavage	MOD	
33.20	37.20		undivided foliation-cleavage	WK	
37.20	54.50		undivided foliation-cleavage	MOD	
54.50	56.50		undivided foliation-cleavage	STG	
56.50	57.40		undivided foliation-cleavage	STG	

		folded lithologies	STG
57.40	58.00	fault	STG
		undivided foliation-cleavage	STG
		folded lithologies	STG
58.00	61.00	fault	MOD
		undivided foliation-cleavage	MOD
61.00	64.00	undivided foliation-cleavage	MOD
64.00	68.90	undivided foliation-cleavage	WK
68.90	69.18	fault	MOD
		undivided foliation-cleavage	MOD
69.18	72.20	undivided foliation-cleavage	MOD
72.20	72.60	undivided foliation-cleavage	STG
72.60	90.90	undivided foliation-cleavage	WK
90.90	91.40	undivided foliation-cleavage	STG
91.40	92.30	undivided foliation-cleavage	MOD
92.30	96.60	undivided foliation-cleavage	MOD
96.60	97.60	fracture	MOD
97.60	108.50	undivided foliation-cleavage	MOD
108.50	112.40	undivided foliation-cleavage	WK
112.40	112.70	fault breccia	MOD
112.70	117.00	undivided foliation-cleavage	WK
117.00	117.96	undivided foliation-cleavage	MOD
117.96	118.20	fault gouge / clay/ pug	
118.20	124.70	undivided foliation-cleavage	MOD
124.70	126.80	shear/ shear zone	MOD
126.80	143.90	undivided foliation-cleavage	MOD
143.90	144.20	shear/ shear zone	MOD
144.20	154.60	undivided foliation-cleavage	MOD
154.60	154.80	fault zone	MOD
154.80	170.70	undivided foliation-cleavage	WK
170.70	171.30	fracture	WK
171.30	175.40	undivided foliation-cleavage	WK
175.40	184.50	shear/ shear zone	
		fracture	
		fault gouge / clay/ pug	
184.50	192.00	undivided foliation-cleavage	STG
192.00	198.40	undivided foliation-cleavage	MOD
198.40	199.60	fracture	WK
199.80	210.80	shear/ shear zone	STG
210.80	222.85	undivided foliation-cleavage	WK
222.85	223.70	shear/ shear zone	MOD
223.70	225.80	undivided foliation-cleavage	MOD
225.80	238.00	undivided foliation-cleavage	WK
238.00	282.55	undivided foliation-cleavage	MOD

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dip/ Plunge	Dip/ Plunge Dir.	Reliability	Comments
7.60		Foliation	70.0							bedding- change incomposition& grainsize
12.00		Foliation	75.0							
17.10		Foliation	65.0							
19.70		Foliation	81.0							
20.00		Vein	0.0							vein margin
22.50		Bedding	55.0							

22.55	Foliation	55.0		
26.50	Foliation	68.0		
31.00	Foliation	75.0		
34.05	Foliation	68.0		
38.70	Foliation	63.0		
45.00	Foliation	80.0		
51.25	Bedding	70.0		questionable
51.50	Foliation	80.0		
54.20	Foliation	80.0		
54.70	Crenulation cleavage	50.0		
55.95	Bedding	45.0		
56.20	Foliation	65.0		
58.90	Bedding	45.0		
60.40	Bedding	50.0		
64.00	Foliation	65.0		
65.25	Bedding	50.0		
65.25	Younging - graded bedding		U	
71.00	Foliation	45.0		
73.00	Foliation	56.0		
78.20	Foliation	60.0		
82.50	Foliation	55.0		
82.90	Bedding	48.0		
90.50	Foliation	60.0		
95.00	Foliation	65.0		
98.90	Vein	48.0		
99.70	Younging - graded bedding		U	
99.90	Younging - graded bedding		U	
100.00	Foliation	65.0		
103.40	Bedding	48.0		
104.00	Vein	50.0		
104.50	Younging - graded bedding		U	
105.00	Foliation	67.0		
108.60	Bedding	60.0		
110.00	Foliation	75.0		
115.00	Foliation	75.0		
120.00	Foliation	65.0		
124.50	Vein	65.0		
125.30	Vein	70.0		
130.00	Foliation	54.0		
135.00	Foliation	59.0		
140.00	Foliation	61.0		
144.00	Vein	85.0		
145.00	Foliation	61.0		
150.00	Foliation	61.0		
155.00	Foliation	72.0		
160.00	Foliation	69.0		
165.00	Foliation	69.0		
170.00	Foliation	70.0		
175.00	Foliation	68.0		
176.80	Fault plane	72.0		
185.00	Foliation	68.0		
190.00	Foliation	78.0		
195.00	Foliation	72.0		
200.00	Foliation	64.0		

205.00	Foliation	65.0	
210.00	Bedding	66.0	
210.00	Younging - graded bedding		U
210.00	Foliation	68.0	
215.00	Foliation	62.0	
220.00	Foliation	64.0	
225.00	Foliation	74.0	
225.63	Fault plane	67.0	
230.00	Foliation	55.0	
239.00	Bedding	50.0	
239.00	Foliation	53.0	
242.10	Bedding	60.0	
245.00	Foliation	68.0	
250.00	Foliation	56.0	
252.60	Vein	59.0	
260.00	Foliation	81.0	
262.00	Foliation	70.0	
265.00	Foliation	76.0	
270.00	Foliation	74.0	
275.00	Foliation	71.0	
277.05	Bedding	62.0	
277.05	Younging - graded bedding		U
280.00	Foliation	80.0	

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
4.10	14.10	2	pyrite	diss	1	pyrite	blb	1				
14.10	19.10	5	pyrite	diss	3	pyrite	blb	2				
19.10	29.70	1	pyrite	diss	1							
29.70	51.25	2	pyrite	blb	1.5	pyrite	diss	0.5				
51.25	54.70	2	pyrite	blb	2							
54.70	55.95	5	pyrite	diss	5							bleached
55.95	58.60	3	pyrite	diss	3							
58.60	63.00	1	pyrite	diss	1							
63.00	72.20	0.5	pyrite	diss	0.5							
72.20	72.60	2	pyrite	diss	1.5	pyrite	rib	0.5				
72.60	90.90	0.5	pyrite	diss	0.5							
90.90	91.40	2	pyrite	diss	1.5	pyrite	rib	0.5				
91.40	92.30	0.5	pyrite	diss	0.5							
95.00	108.50	0.5	pyrite	diss	0.5							
117.00	151.10	1	pyrite	diss	1							
151.90	152.50	0.5	pyrite	diss	0.5							
154.50	162.00	0.5	pyrite	diss	0.5							
170.90	171.30	0.5	pyrite	diss	0.5							
173.35	175.60	0.5	pyrite	diss	0.5							
188.60	190.80	2	pyrite	blb	1	pyrite	diss	1				py with pressure shadows
193.60	195.90	2	pyrite	blb	1	pyrite	diss	1				py with pressure shadows
197.00	225.65	4	pyrite	diss	4							
240.90	249.30	4	pyrite	diss	4							
251.10	251.40	5	pyrite	blb	5							
251.40	255.90	4	pyrite	diss	4							
256.80	257.30	1	pyrite	diss	1							
257.30	264.00	3	pyrite	blb	3							py with pressure shadows
264.00	282.55	1	pyrite	diss	1	pyrite	blb	1				

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
4.10	7.00	135108	CORE_HALF	0.0053		5.3	517	213.72	12.04	83	43	113.7	360	3.66	1927
7.00	9.00	135109	CORE_HALF	0.0055		5.5	134	163.01	5.68	74	17.5	160.2	237	1.71	1576
9.00	11.00	135110	CORE_HALF	0.004		4	150	216.75	6.56	92.2	19.5	149.2	237	2.14	1798
11.00	13.00	135111	CORE_HALF	0.0045		4.5	372	144.11	6.6	113.2	31.3	83.9	413	2.48	1811
13.00	15.00	135112	CORE_HALF	0.0079		7.9	606	143.19	8.62	76.5	49.3	62.1	614	3.48	2238
15.00	17.00	135113	CORE_HALF	0.0041		4.1	592	133.07	10.72	62.6	35.7	25	678	3.46	2450
17.00	19.00	135114	CORE_HALF	0.0046		4.6	416	134.84	12.51	64.9	39.5	19.5	1132	5	2186
19.00	21.00	135115	CORE_HALF	0.0056		5.6	428	102.86	9.83	63.4	21.1	62.8	594	6.3	2108
21.00	23.00	135116	CORE_HALF	0.003		3	262	131.91	7.48	85.2	38.6	162.1	734	7.74	1901
23.00	25.00	135117	CORE_HALF	0.0058		5.8	125	141.84	7.85	85.6	19.1	177.4	444	5.48	1698
25.00	27.00	135118	CORE_HALF	0.0077		7.7	208	82.2	8.43	90.1	10.9	157.7	312	4.56	1598
27.00	29.00	135119	CORE_HALF	0.0069		6.9	413	102.55	7.86	101.8	16.4	188.5	419	3.22	1649
29.00	31.00	135120	CORE_HALF	0.0097		9.7	522	121.55	8.45	112.5	13.3	159.4	364	4.1	1622
31.00	33.00	135121	CORE_HALF	0.0111		11.1	660	146.17	9.05	120.4	15.4	139.7	476	3.46	2239
33.00	35.00	135122	CORE_HALF	0.0126		12.6	1060	237.86	10.81	119.8	15.2	132.2	506	3.91	2310
35.00	37.00	135123	CORE_HALF	0.0122		12.2	1701	348.52	11.61	149.8	50.5	100.6	898	6.62	1922
37.00	39.00	135124	CORE_HALF	0.0125		12.5	913	62.72	17.41	71.1	72.6	62.7	671	5.05	2456
39.00	41.00	135125	CORE_HALF	0.0079		7.9	870	91.13	15.46	75.3	128.7	48.9	809	4.86	2313
		135126	CORE_HALF	0.0086		8.6	835	92.94	12.97	77	95.2	41.9	689	3.85	2240
41.00	43.00	135127	CORE_HALF	0.0114		11.4	1309	91.63	22.26	80	152.6	61.8	1583	10.75	1527
43.00	45.00	135128	CORE_HALF	0.0136		13.6	1188	79.16	26.97	68.1	127.4	54.9	1055	8.03	2206
45.00	47.00	135129	CORE_HALF	0.0071		7.1	1172	114.1	13.49	96.1	90.2	56.8	1079	7.62	2323
47.00	49.00	135130	CORE_HALF	0.0071		7.1	706	79.2	13.41	92.1	60.2	74.5	747	5	2064
49.00	51.00	135131	CORE_HALF	0.0049		4.9	408	88.92	11.33	72.6	19.8	43.2	423	2.77	1748
51.00	53.00	135132	CORE_HALF	0.0046		4.6	327	123.37	14.79	106.5	49.6	33	608	4.45	2401
53.00	55.00	135133	CORE_HALF	0.0052		5.2	525	139.96	24.46	102.3	37.7	38.8	509	4.5	3001
55.00	55.95	135134	CORE_HALF	0.0045		4.5	559	146.63	63.41	82.6	50.1	86	486	4.2	372
55.95	57.00	135135	CORE_HALF	-0.0002		-0.2	176	66.7	16.37	186.1	138.3	49.7	1103	10.11	1874
57.00	58.00	135136	CORE_HALF	-0.0002		-0.2	115	64.78	19.56	130.5	193.3	33.1	1403	11.37	1664
58.00	59.00	135137	CORE_HALF	-0.0002		-0.2	102	64.31	24.5	118.8	116	80.7	535	6.31	1801
59.00	61.00	135138	CORE_HALF	0.0003		0.3	96	93.33	16.57	155.1	100.9	106.2	421	4.86	2432
61.00	63.00	135139	CORE_HALF	0.0002		0.2	161	85.36	18.74	87.4	120.1	91.2	644	7.78	1533
63.00	65.00	135140	CORE_HALF	0.0008		0.8	78	73.09	8.29	109.5	66	129.6	260	1.68	1754
65.00	66.00	135141	CORE_HALF	-0.0002		-0.2	110	136.37	11.92	109.3	57.3	134.2	407	3.13	1195
66.00	67.00	135142	CORE_HALF	0.0002		0.2	80	88.83	7.58	135.5	50	130	439	2.44	1980
67.00	69.00	135143	CORE_HALF	-0.0002		-0.2	116	119.76	10.1	105	44.9	137.1	438	3	1487
69.00	71.00	135144	CORE_HALF	0.0002		0.2	108	132.69	7.76	107.2	47.7	112.2	396	2.03	1088
71.00	73.00	135145	CORE_HALF	0.0007		0.7	94	113.01	7.81	100.7	32.5	147	406	1.78	1071
73.00	75.00	135146	CORE_HALF	0.0005		0.5	91	119.7	7.89	123.4	24.2	110.6	306	1.69	1585
75.00	77.00	135147	CORE_HALF	0.0003		0.3	72	92.14	4.09	111.5	19.7	128.6	227	0.9	1084
77.00	79.00	135148	CORE_HALF	0.0005		0.5	68	112.97	4.02	103.1	13.4	174.7	224	0.91	1380

79.00	81.00	135149	CORE_HALF	0.0004	0.4	80	122.17	4.81	100.3	12.6	141.5	214	1.11	1427
		135150	CORE_HALF	0.0004	0.4	81	116.23	5.28	93.9	15.2	243.7	225	1.38	1547
81.00	83.00	135151	CORE_HALF	0.0008	0.8	82	100.33	5.31	70.4	22.5	152.9	536	1.62	1188
83.00	85.00	135152	CORE_HALF	0.0005	0.5	68	84.09	3.67	93	18.3	122.2	149	1.24	1164
85.00	87.00	135153	CORE_HALF	0.0007	0.7	74	53.5	6.88	108.1	44.5	109	207	1.94	1522
87.00	89.00	135154	CORE_HALF	0.0005	0.5	106	62.18	14.29	113.9	55.2	108.2	325	4.64	1545
89.00	91.00	135155	CORE_HALF	0.0007	0.7	125	60.04	11.3	130.5	19.5	106.1	427	3.84	1200
91.00	93.00	135156	CORE_HALF	0.0042	4.2	174	129.89	15.2	83.3	24.5	121.4	355	3.53	1095
93.00	94.00	135157	CORE_HALF	0.0055	5.5	299	81.33	11.02	49.6	33.4	34.4	303	3.63	1182
94.00	96.00	135158	CORE_HALF	0.0045	4.5	188	129.08	10.03	66	18.9	26.2	515	4.48	1280
96.00	98.00	135159	CORE_HALF	0.0181	18.1	122	103.54	7.57	57.4	6.9	14.9	534	3.15	1803
98.00	99.00	135160	CORE_HALF	0.0027	2.7	103	67.16	4.34	42	4.8	66.1	308	2.06	1154
99.00	100.00	135161	CORE_HALF	0.0137	13.7	445	116.53	12.74	81	6.2	32.6	756	3.44	1623
100.00	101.00	135162	CORE_HALF	0.015	15	427	121.99	11.53	63.5	6.8	42.1	583	3.35	1620
101.00	102.00	135163	CORE_HALF	0.0112	11.2	469	113.98	13.86	66.6	8	28.1	591	4.28	1767
102.00	103.00	135164	CORE_HALF	0.0136	13.6	641	112.94	15.64	66.4	18.4	25.2	664	4.55	1555
103.00	104.00	135165	CORE_HALF	0.1716	171.6	14891	151.34	169.37	458.4	98.2	63	2722	13.31	1748
104.00	104.50	135166	CORE_HALF	0.0201	20.1	1579	273.26	13.57	113.7	49.1	96.7	1227	5.71	1280
104.50	106.00	135167	CORE_HALF	0.0178	17.8	1337	97.58	18.61	118.5	65	71.6	940	4.8	2217
106.00	108.00	135168	CORE_HALF	0.0068	6.8	593	134.21	6.95	87.3	21.6	97.6	459	3.24	1383
108.00	110.00	135169	CORE_HALF	0.0035	3.5	192	123.33	5.51	83.3	8.1	110.1	368	3.21	1398
110.00	111.00	135170	CORE_HALF	0.0045	4.5	220	57.12	4.2	76.8	3.1	81.4	146	1.41	1485
111.00	112.00	135171	CORE_HALF	0.0033	3.3	401	87.21	3.95	77.5	10.3	98.6	118	1.35	1649
112.00	113.00	135172	CORE_HALF	0.0051	5.1	521	129.04	4.61	121	7.1	99.7	115	1.58	1227
113.00	114.00	135173	CORE_HALF	0.0097	9.7	634	97.22	9.5	72	7.3	122.5	261	2.57	1779
114.00	115.00	135174	CORE_HALF	0.0087	8.7	750	163.29	8.22	81.6	11.2	122.9	347	2.72	1434
115.00	116.00	135175	CORE_HALF	0.0063	6.3	395	109.37	7.34	84	10.2	102.1	513	3.22	1645
116.00	117.90	135176	CORE_HALF	0.0036	3.6	531	150.09	9.01	67.3	21.5	116	609	3.51	1773
117.90	118.40	135177	CORE_HALF	0.0184	18.4	1267	114.71	25.49	72.6	93.3	89.1	1320	6.69	1639
118.40	119.00	135178	CORE_HALF	0.0129	12.9	1084	318.22	14.49	103.9	38	107.8	1117	4.27	929
119.00	121.00	135179	CORE_HALF	0.0231	23.1	2062	159.82	33.97	112.5	131.8	43.4	1676	9.58	1902
121.00	123.00	135180	CORE_HALF	0.0284	28.4	1876	176.12	22.35	102.6	49	98.1	879	4.31	1930
123.00	123.50	135181	CORE_HALF	0.0514	51.4	2731	170.97	28.97	99.2	149.1	80.9	1578	6.96	1140
123.50	124.50	135182	CORE_HALF	0.019	19	1438	135.19	26.23	659.6	71.9	71.1	4271	6.26	1254
124.50	125.50	135183	CORE_HALF	0.0056	5.6	382	67.17	6.23	44.7	24.5	47	338	2.6	1197
125.50	126.50	135184	CORE_HALF	0.0165	16.5	1136	144.65	13.03	101.5	36.7	70.1	1344	7.13	2523
126.50	127.00	135185	CORE_HALF	0.0223	22.3	1356	191.82	19.81	135.3	47.3	58.7	2064	11.07	1622
127.00	129.00	135186	CORE_HALF	0.0184	18.4	1086	123.25	14.42	77.5	33.1	69.4	742	5.56	2208
129.00	131.00	135187	CORE_HALF	0.0793	79.3	1558	124.36	12.77	66.8	36.7	75.1	629	5.14	2175
131.00	133.00	135188	CORE_HALF	0.0447	44.7	1022	89.17	12.62	60.8	43.9	62.3	600	4.1	1977
133.00	135.00	135189	CORE_HALF	0.0054	5.4	673	128.47	11.49	83.5	14.4	51.3	785	4.35	1891
135.00	137.00	135190	CORE_HALF	0.0063	6.3	792	112.56	15.37	87.8	40.9	45.2	2400	12.36	2164
137.00	139.00	135191	CORE_HALF	0.0071	7.1	763	123.2	16.2	68.2	66.9	52.2	2391	7.36	1813

139.00	141.00	135192	CORE_HALF	0.005		5	439	129.24	10.55	87.8	35.3	51.3	549	3.65	2055
141.00	143.00	135193	CORE_HALF	0.0076		7.6	567	118.8	9.05	82.8	23.3	71.9	488	2.04	2130
143.00	145.00	135194	CORE_HALF	0.011		11	958	117.21	13.25	96.2	38.5	53.1	716	2.82	2630
145.00	147.00	135195	CORE_HALF	0.0108		10.8	959	119.86	11.69	70.1	41.1	59	502	3.1	2188
147.00	149.00	135196	CORE_HALF	0.012		12	607	103.59	9.97	85.2	18.3	66.8	1290	3.02	1502
149.00	151.00	135197	CORE_HALF	0.0055		5.5	521	85.28	10.46	119.3	18.3	63.6	345	1.96	1946
151.00	153.00	135198	CORE_HALF	0.004		4	338	88.11	6.74	91.1	11.2	66.4	160	1.59	1778
153.00	155.00	135200	CORE_HALF	0.0035		3.5	320	67.06	9.31	91.7	15.9	68	312	1.29	1827
		135199	CORE_HALF	0.0034		3.4	375	71.6	9.41	83.8	15.1	72.1	287	1.31	1810
155.00	157.00	135301	CORE_HALF	0.0036		3.6	241	65.79	11.28	121.1	12.9	101.7	336	1.08	2103
157.00	159.00	135302	CORE_HALF	0.0025		2.5	363	91.26	9.41	100	16.1	102.8	206	1.24	1989
159.00	161.00	135303	CORE_HALF	0.0035		3.5	340	85.56	13.93	84.4	26.4	104.1	212	1.62	1671
161.00	163.00	135304	CORE_HALF	0.0014		1.4	145	74.13	3.84	103.8	10	176.4	161	0.71	1620
163.00	165.00	135305	CORE_HALF	0.0019		1.9	175	95.17	3.19	104.9	6.3	297.5	108	0.7	1414
165.00	167.00	135306	CORE_HALF	0.0028		2.8	173	87.11	5.12	96.5	5.1	211.4	140	0.62	1484
167.00	169.00	135307	CORE_HALF	0.0042		4.2	219	84.86	6.88	104.5	8.8	149.3	170	0.87	1313
169.00	170.80	135308	CORE_HALF	0.0028		2.8	257	117.63	5.98	172.7	13.1	115.8	251	1.08	1246
170.80	171.40	135309	CORE_HALF	0.0022		2.2	183	61	4.43	87.8	28.2	85.2	183	1.4	1414
171.40	173.50	135310	CORE_HALF	0.0032		3.2	245	65.95	5.32	110.1	42.9	133.8	191	1.54	1391
173.50	175.50	135311	CORE_HALF	0.0053		5.3	230	44.32	8.21	85.6	74.2	85.9	326	2.84	2630
175.50	176.50	135312	CORE_HALF	0.0012		1.2	148	80.59	3.47	72.6	7.3	270.3	118	0.45	1261
176.50	177.20	135313	CORE_HALF	0.0011		1.1	139	49.43	2.91	80.8	5.6	272.7	176	0.4	1335
177.20	178.00	135314	CORE_HALF	0.0004		0.4	176	55.01	21.56	59.5	29	148.3	183	1.74	1373
178.00	179.00	135315	CORE_HALF	0.0008		0.8	255	50.77	10.09	72.4	26	144.8	102	1.56	1065
179.00	181.00	135316	CORE_HALF	0.0026		2.6	209	50.68	4.56	65.2	21.2	437.5	81	1.74	1301
181.00	182.00	135317	CORE_HALF	0.0026		2.6	629	66.71	30.11	57	64.1	189.6	250	9.03	1319
182.00	183.00	135318	CORE_HALF	0.0013		1.3	136	27.23	4.88	152.8	20.4	480.7	405	1.14	879
183.00	184.00	135319	CORE_HALF	-0.0002		-0.2	76	54.44	8.88	68.4	15.4	884.1	21	0.95	1103
184.00	185.00	135320	CORE_HALF	-0.0002		-0.2	79	38.4	6.11	76.4	15	1070.3	16	0.6	1027
185.00	187.00	135321	CORE_HALF	0.0002		0.2	71	37.47	6.8	83.7	17.7	258.6	17	0.57	811
187.00	189.00	135322	CORE_HALF	0.0005		0.5	57	40.03	2.29	71.1	12.7	463.4	25	0.37	1020
189.00	190.00	135323	CORE_HALF	0.0064		6.4	189	33.56	9.71	67.7	97.4	169.1	75	0.9	1355
190.00	191.00	135324	CORE_HALF	0.0128		12.8	547	145.36	16.5	79.1	413.4	49.3	224	1.64	1948
191.00	192.00	135325	CORE_HALF	0.0003		0.3	91	108.38	3.12	87.2	52.2	316.9	34	0.56	2962
192.00	194.00	135326	CORE_HALF	0.0029		2.9	233	134.01	10.8	109.2	201.1	79.4	136	1.39	2189
		135327	CORE_HALF	0.0035		3.5	253	136.47	12.89	106.7	199.9	58.3	142	1.53	2235
194.00	196.00	135328	CORE_HALF	0.0043		4.3	387	139.44	20.5	75.4	287.5	41.6	235	2.02	1009
196.00	197.00	135329	CORE_HALF	0.0031		3.1	280	68.61	4.83	89.2	32.7	494.8	57	0.54	1576
197.00	198.00	135330	CORE_HALF	0.68	0.68	589	6002	298.45	1951.6	1716.3	503.8	23.9	3183	6.57	728
198.00	199.00	135331	CORE_HALF	0.2744		274.4	3102	77.32	52.9	22	453.1	26.4	234	2.13	673
199.00	200.00	135332	CORE_HALF	0.3591		359.1	3913	101.88	74.71	31.1	653.8	19.7	376	2.99	540
200.00	201.00	135333	CORE_HALF	0.3794		379.4	2164	87.83	39.03	47.6	355.1	21.7	211	1.77	775
201.00	202.00	135334	CORE_HALF	0.2582		258.2	1704	55.29	36.02	30.2	276.3	19.8	195	1.81	829

202.00	203.00	135335	CORE_HALF	0.9	0.9	868.2	2001	86.69	51.9	35	893.7	12.4	429	3.63	425
203.00	204.00	135336	CORE_HALF	0.3996		399.6	1321	67.9	24.37	47.9	439.6	27.4	146	2.01	652
204.00	205.00	135337	CORE_HALF	0.1397		139.7	1773	125.21	20.89	94	209.6	64.8	332	2.78	1875
205.00	206.00	135338	CORE_HALF	0.3303		330.3	1714	161.76	24.94	143.3	282	25.9	552	3.51	1666
206.00	207.00	135339	CORE_HALF	0.2265		226.5	1869	116.34	40.68	103.6	149.7	12.4	341	2.24	1738
207.00	208.00	135340	CORE_HALF	0.313		313	1720	119.74	140.79	262	324.2	13.8	853	4.81	1548
208.00	209.00	135341	CORE_HALF	0.4701		470.1	1020	93.23	49.95	147.5	304.7	21.4	408	2.68	877
209.00	210.00	135342	CORE_HALF	0.1526		152.6	2346	42.93	7.59	115.4	29.5	108.5	149	0.65	640
210.00	211.00	135343	CORE_HALF	0.0516		51.6	286	47.51	6.23	128.5	35.4	135.8	124	0.74	1037
211.00	213.00	135344	CORE_HALF	0.0838		83.8	454	56.55	15.01	150.5	79.2	30.9	302	1.54	2128
213.00	215.00	135345	CORE_HALF	0.1177		117.7	1203	55.23	23.46	133.1	67.4	21.1	406	1.48	2258
215.00	217.00	135346	CORE_HALF	0.0501		50.1	577	47.93	11.02	139	35.5	54.6	218	1.22	2378
217.00	219.00	135347	CORE_HALF	0.0298		29.8	388	83.27	8.2	166.8	21.3	75.1	314	1.58	2806
219.00	221.00	135348	CORE_HALF	0.0618		61.8	286	72.95	6.83	144.2	16.1	76.3	322	1.19	2984
221.00	222.80	135349	CORE_HALF	0.045		45	344	93.41	8.55	150.5	19.1	85.9	356	1.28	2854
		135350	CORE_HALF	0.053		53	355	98.29	9.75	146.3	25.6	82.5	369	1.45	2893
222.80	224.00	135351	CORE_HALF	0.7	0.7	580	797	40.22	30.79	49.4	320.3	28.8	338	1.8	1652
224.00	225.00	135352	CORE_HALF	0.0493		49.3	201	54.13	4.07	86.3	18.4	100.1	209	0.78	2205
225.00	226.00	135353	CORE_HALF	0.0224		22.4	188	45.54	4.45	85.8	13.3	68.4	107	0.69	2312
226.00	228.00	135354	CORE_HALF	0.0274		27.4	322	44.67	14.4	74.6	24.7	92	207	1.33	2861
228.00	230.00	135355	CORE_HALF	0.1213		121.3	408	108.58	43.46	99.6	17	103.8	215	1.4	1740
230.00	232.00	135356	CORE_HALF	0.0684		68.4	303	96.13	6.55	115.4	11.3	192.8	163	1	1674
232.00	233.45	135357	CORE_HALF	0.015		15	246	63.19	4.79	101.2	26.3	129	141	1.84	2988
233.45	235.00	135358	CORE_HALF	0.0156		15.6	662	130.27	5.99	100.8	35.2	141.2	328	9.12	2810
235.00	236.00	135359	CORE_HALF	0.0045		4.5	164	86.82	4.16	74.6	27.1	112.7	115	1.18	2168
236.00	237.00	135360	CORE_HALF	0.0062		6.2	210	60.06	2.98	58.2	18.5	116.9	106	1.5	2051
237.00	238.00	135361	CORE_HALF	0.0051		5.1	184	103.77	3.21	90.8	20.7	124.6	170	1.61	1437
238.00	239.00	135362	CORE_HALF	0.0061		6.1	281	94.23	37.78	149.3	15.2	113.7	372	1.9	2004
239.00	240.00	135363	CORE_HALF	0.0011		1.1	65	49.42	2.31	73.6	9.6	99	53	0.35	1916
240.00	241.00	135364	CORE_HALF	0.0032		3.2	118	51.92	6.28	71.2	21.1	150.4	106	3.09	2544
241.00	242.00	135365	CORE_HALF	0.0995		99.5	486	57.61	8.33	69.2	82.5	117.5	474	14.93	1748
242.00	243.00	135366	CORE_HALF	0.4888		488.8	499	24.29	13.33	67.4	185.8	49.5	192	2.5	1803
243.00	245.00	135367	CORE_HALF	9.32	9.32	5109.8	1362	19.13	34.55	206.5	204.3	36.1	963	3.87	1896
245.00	247.00	135368	CORE_HALF	0.2556		255.6	460	62.6	23.83	69.1	90.8	56.6	194	2.04	2295
247.00	249.00	135369	CORE_HALF	0.4867		486.7	467	49.1	23.79	64.8	146.6	42.8	291	2.94	1564
249.00	250.90	135370	CORE_HALF	0.0508		50.8	407	123.43	7.11	75	50	154.9	97	2.8	2488
250.90	252.00	135371	CORE_HALF	0.1323		132.3	443	70.82	12.71	52.1	162.5	41.5	389	10.16	2020
252.00	254.00	135372	CORE_HALF	0.0827		82.7	298	36.74	9.47	58.4	57.6	52.1	266	4.35	1514
254.00	256.00	135373	CORE_HALF	0.0681		68.1	372	52.09	27.81	61.3	40.4	55.6	306	4.78	1500
		135374	CORE_HALF	0.0872		87.2	387	46.41	9.97	64	37.6	72.8	327	5.17	1495
256.00	256.70	135375	CORE_HALF	0.0055		5.5	92	8.79	1.9	77.3	16.3	150.4	44	0.98	1649
256.70	257.50	135376	CORE_HALF	0.0277		27.7	489	42.94	4.83	48.8	40.5	127.7	739	13.19	1711
257.50	258.50	135377	CORE_HALF	0.062		62	1310	156.08	10.44	61.9	102.5	43.1	1421	43.35	1046

258.50	260.00	135378	CORE_HALF	0.0406	40.6	1021	151.32	23.27	66.9	113	60.3	1155	15.67	940
260.00	261.00	135379	CORE_HALF	0.1704	170.4	799	58.75	90.79	287.4	86.2	90.1	973	6.75	455
261.00	261.70	135380	CORE_HALF	0.3663	366.3	606	55.89	303.09	1590.1	124.1	80.2	3069	2.9	833
261.70	262.60	135381	CORE_HALF	0.3596	359.6	1072	106.55	172.68	2565.5	126.9	64.7	5459	24.39	2303
262.60	264.00	135382	CORE_HALF	0.1174	117.4	906	93.56	47.97	157.4	118.3	35.2	897	11.16	2292
264.00	266.00	135383	CORE_HALF	0.019	19	562	92.31	9.9	93.3	31.9	128.1	357	2.89	2470
266.00	268.00	135384	CORE_HALF	0.0452	45.2	528	87.98	6.95	76.2	31.1	125.5	202	2.13	2329
268.00	270.00	135385	CORE_HALF	0.0304	30.4	494	89	5.64	83.3	42.3	173	174	2.31	2094
270.00	272.13	135386	CORE_HALF	0.0583	58.3	444	96.35	7.48	84.9	30.1	82.3	116	1.29	2286
272.13	274.00	135387	CORE_HALF	0.1047	104.7	585	97.15	7.86	86	87.9	70.6	180	2.94	2087
274.00	276.00	135388	CORE_HALF	0.137	137	450	76.21	15.5	96.9	87.4	94.2	230	1.95	1954
276.00	278.00	135389	CORE_HALF	0.0749	74.9	284	99.19	7.85	99.8	91.8	75.1	39	1.32	2211
278.00	280.00	135390	CORE_HALF	0.1896	189.6	423	87.79	10.49	80.1	137.5	109.7	138	1.91	2488
280.00	281.25	135391	CORE_HALF	0.1464	146.4	731	316.61	8.79	89.4	112.1	82.6	215	3.16	2252
281.25	282.55	135392	CORE_HALF	0.2799	279.9	1065	544.84	10.24	78.8	75.9	101.8	220	3.38	2526

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_124

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_124	*Hole type*	Diamond drill *Size* NQ	*Date commenced*	12/09/2003
DataSet	SIBS	*Depth*	379.10 m	*Date completed*	16/09/2003
Location	Mercury Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	306724	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	SIB_Local	10707.00	9400.00	953.00	m
UTM Grid	NAD83_9	408725.70	6273499.00	960.00	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	273.5	Magnetic	297.0	-50.0	Compass	
123.14	m	281.0	Magnetic	304.0	-44.0	Camera	
245.06	m	283.0	Magnetic	306.0	-42.0	Camera	
379.00	m	287.0	Magnetic	310.0	-37.0	Camera	

Lithology

Logged by: Tony Worth

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	3.30		CASE			100	
3.30	107.90	M	YIOM	FOL		100	Strongly foliated altered medium-coarse grained andesite volcaniclastic
107.90	186.70	F	YIOO	FOL	BAN	100	Completely altered - py, si, clay
186.70	191.15	M	YIAR	FOL		80	much less altered
		F	YIAA	LAM		20	
191.15	193.70	F	YIAA	LAM		100	Broken - deformed. Variably altered
193.70	195.60	F	YIOF	FOL		100	Not ash tuff - more like YIOM above
195.60	201.50	F	YIAA	LAM		100	Red (hem??) alteration.Less deformed
201.50	215.50	M	YIOM	FOL		100	
215.50	259.40	M	YIAR	FOL		100	
259.40	263.50	M	YIOM	FOL		100	
263.50	305.85	M	YIAR	FOL		100	
305.85	308.00	F	YIOO	FOL		100	strongly altered
308.00	342.00	M	YIAR	FOL		100	
342.00	348.75	F	YIOO	FOL		100	strongly altered
348.75	350.00	M	YIAR	FOL		100	
350.00	355.00	F	YIOO	FOL		100	strongly altered
355.00	379.10	M	YIAR	FOL		100	

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
3.30	7.20		Phyllic	bd	STG	SERI	STG	PY	STG	CLAY	MOD		Strong pervassive banded ser-py altn. Py dissem and in cleavage planes
7.20	11.20		Phyllic	diss	MOD	SERI	MOD	CL	MOD	PY	MOD		Py as infrequent bands - minor dissem
11.20	34.00		Phyllic	diss	MOD	SERI	MOD	CL	MOD	PY	MOD		Black mineral - Chlorite? Amphibole?
			Sulphidic	bd	MOD	PY	MOD						Black mineral - Chlorite? Amphibole?
34.00	35.80		Sulphidic	ff	STG								V strong py alt
			Phyllic	bd	STG	SERI	MOD	PY	MOD	CLAY	MOD	QZ	V strong py alt
35.80	41.30		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
41.30	45.40		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
45.40	47.80		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
47.80	49.25		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
49.25	56.00		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
56.00	58.40		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
58.40	59.30		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
59.30	67.90		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
67.90	69.60		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
69.60	71.40		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
71.40	73.10		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
73.10	76.10		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
76.10	87.75		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
87.75	101.30		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
101.30	106.50		Phyllic	bd	STG	SERI	STG	PY	STG	CL	WK	QZ	
106.50	107.50		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	WK	QZ	
107.50	109.60		Phyllic	bd	STG	SERI	STG	PY	STG	QZ	WK		
109.60	131.00		Sulphidic	bd	STG	PY	STG	QZ	STG	SERI	STG	TLC/CLAY	Completely altered - precurser unknown
131.00	186.30		Phyllic	bd	STG	SERI	STG	PY	STG	CLAY	MOD	QZ	Soapy clay min - talc? Also several puggy clay zones - faults
186.30	190.20		Phyllic	diss	WK	SERI	WK	CL	WK	PY	WK		Some leaching - pallid clay
190.20	193.70		Chloritization	vsel	MOD	CL	MOD	CLAY	MOD				
193.70	197.00		Chloritization	diss	WK	CL	WK	SERI	WK				
197.00	201.25		Hematization	pv	STG	HEM	STG	CLAY	MOD				Pervasive red staining - hematite??
201.25	206.00		Phyllic	diss	MOD	SERI	MOD	PY	MOD	HEM	WK	CL	Dissem specs of red min - hem??
206.00	227.50		Phyllic	diss	MOD	SERI	MOD	PY	MOD	CL	WK	HEM	
227.50	232.85		Phyllic	diss	WK	SERI	WK	PY	WK	CL	WK	HEM	
232.85	237.80		Phyllic	diss	MOD	SERI	MOD	PY	MOD	HEM	WK		
237.80	241.30		Phyllic	diss	WK	SERI	WK	PY	WK	CL	WK	HEM	
241.30	242.40		Phyllic	diss	MOD	SERI	MOD	PY	MOD	HEM	WK		
242.40	244.30		Phyllic	diss	WK	SERI	WK	PY	WK	CL	WK	HEM	
244.30	248.90		Phyllic	pat	MOD	SERI	MOD	PY	MOD	CL	WK		
248.90	250.20		Sulphidic	pv	STG	PY	STG	QZ	MOD	SERI	MOD		
250.20	253.00		Phyllic	pat	MOD	SERI	MOD	PY	MOD	CL	WK		
253.00	259.40		Phyllic	diss	WK	SERI	WK	PY	WK	CL	WK		
259.40	261.30		Phyllic	diss	MOD	SERI	MOD	PY	MOD	CL	WK		
261.30	263.20		Phyllic	pv	STG	PY	STG	SERI	MOD	QZ	MOD		
263.20	263.80		Phyllic	diss	MOD	SERI	MOD	PY	MOD	QZ	WK		
263.80	272.50		Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		Variable - mod patches
272.50	278.60		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK		Variable - strong patches
278.60	305.85		Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		Variable - unaltered - mod

305.85	308.00	Sulphidic	pv	STG	PY	STG	QZ	STG	SERI	MOD	HEM	alt partitioned by fault at top of zone
308.00	316.80	Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		
316.80	321.00	Phyllic	pv	MOD	PY	MOD	SERI	MOD	QZ	MOD		
321.00	323.25	Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		
323.25	326.10	Phyllic	pv	MOD	PY	MOD	SERI	MOD	QZ	MOD		
326.10	336.00	Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		
336.00	339.00	Phyllic	bd	MOD	PY	MOD	SERI	MOD	QZ	MOD		
339.00	343.00	Phyllic	bd	STG	PY	STG	SERI	STG	QZ	MOD	HEM	
343.00	348.75	Phyllic	bd	STG	PY	STG	SERI	STG	HEM	MOD	QZ	red min - hem?
348.75	349.90	Hematization	pat	MOD	HEM	MOD	PY	MOD				red staining but otherwise less altered
349.90	356.00	Phyllic	bd	STG	SERI	STG	PY	STG	QZ	MOD	HEM	
356.00	367.00	Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		
367.00	372.00	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CL	WK		
372.00	377.40	Phyllic	pat	WK	SERI	WK	PY	WK	CL	WK		
377.40	379.10	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CL	WK		

Veining

From	To m	Vein type	Style	Int.	Av. thick (mm)	Comments
3.30	23.95	QZ/CARB/PY	Irregular/deformed/segmented	WK	5	Early vein set - // to foliation or highly deformed. Py not ubiquitous - poss late.
23.95	25.30	QZ/CARB	Irregular/deformed/segmented	MOD	20	
25.30	49.80	QZ/CARB/PY	Irregular/deformed/segmented	WK	5	Early vein set - // to foliation or highly deformed. Py not ubiquitous - poss late.
49.80	50.15	QZ/CARB	Undifferentiated Veins	INT	350	Solid vein - carb overprints quartz. Minor xenos of wallrock
50.15	88.20	QZ/CARB/PY	Irregular/deformed/segmented	WK	5	Early vein set - // to foliation or highly deformed. Py not ubiquitous - poss late.
88.20	104.50	PY/CARB	Stringer Veins	WK	3	Late - cross cutting foliation
104.50	108.00	QZ/CARB	Irregular/deformed/segmented	MOD	10	Early vein set - // to foliation or highly deformed
108.00	122.30	QZ/CARB/PY	Irregular/deformed/segmented	WK	5	Early vein set - // to foliation or highly deformed. Py not ubiquitous - poss late.
122.30	122.50	QZ/CARB	Undifferentiated Veins	INT	200	
122.50	135.00	QZ/CARB/PY	Irregular/deformed/segmented	WK	5	Early vein set - // to foliation or highly deformed. Py not ubiquitous - poss late.
135.00	152.40	PY/CARB	Stringer Veins	TR	5	
152.40	156.70	QZ/CARB	Irregular/deformed/segmented	MOD	20	
156.70	157.60	QZ/CARB/PY/CL	Irregular/deformed/segmented	STG	50	Veins poss early - py late
157.60	190.00	QZ/CARB/PY	Irregular/deformed/segmented	TR	5	Occ irregular vein
190.00	193.00	QZ/CL	Irregular/deformed/segmented	STG	100	~30 percent veining - early veins? - deformed
196.50	198.00	QZ/CL	Irregular/deformed/segmented	STG	100	
201.50	203.00	QZ/CARB/CL	Irregular/deformed/segmented	MOD	20	
203.00	215.30	QZ/CARB	Stringer Veins	WK	5	
215.30	217.00	QZ/CARB/CL	Irregular/deformed/segmented	MOD	20	
217.00	228.00	QZ/CARB	Stringer Veins	WK	5	
228.00	231.50	QZ/CARB	Stringer Veins	TR	2	
231.50	237.40	QZ/CL/CARB/PY	Irregular/deformed/segmented	MOD	100	~20 percent veining - early veins? - deformed
237.40	246.50	QZ/CARB	Stringer Veins	WK	5	Up to 5 percent
246.50	287.90	QZ/CARB	Stringer Veins	TR	2	
287.90	297.00	QZ/CARB	Stringer Veins	WK	5	
297.00	303.60	QZ/CARB	Stringer Veins	TR	2	
303.60	307.00	QZ/CARB	Irregular/deformed/segmented	WK	50	
307.00	314.00	QZ/CARB	Stringer Veins	TR	2	
314.00	326.80	QZ/CARB	Irregular/deformed/segmented	WK	50	
326.80	329.70	QZ/CARB/PY	Irregular/deformed/segmented	MOD	10	
329.70	335.60	QZ/CARB	Stringer Veins	WK	5	

339.50	339.70	QZ/CARB	Irregular/deformed/segmented	STG	20
339.70	371.10	QZ/CARB	Irregular/deformed/segmented	TR	2

Structure

From	To	m	Structure	Intensity	Comments
3.30	11.00		fault	MOD	
11.00	11.20		fault gouge / clay/ pug	INT	
11.20	20.00		undivided foliation-cleavage	MOD	Folded/strongly deformed foliation - crenulated in places
			crenulation cleavage	MOD	
			fault	STG	
20.00	31.40		fault	STG	Strongly deformed, foliation crenulated in places
			crenulation cleavage	MOD	
31.40	34.00		undivided foliation-cleavage	MOD	Regular uniform foliation
34.00	35.80		fault zone	MOD	Py filled fracture/fault zone
			fault breccia	WK	
35.80	50.35		undivided foliation-cleavage	STG	Strongly foliated - crenulated in places
			crenulation cleavage	WK	
50.35	50.45		fault gouge / clay/ pug	INT	
50.45	59.40		undivided foliation-cleavage	STG	
			crenulation cleavage	WK	
59.40	76.20		undivided foliation-cleavage	MOD	Variable
76.20	78.00		undivided foliation-cleavage	STG	
78.00	84.25		undivided foliation-cleavage	MOD	
84.25	84.45		fault	STG	Some gouge
84.45	95.00		undivided foliation-cleavage	MOD	
95.00	98.00		undivided foliation-cleavage	MOD	3 small(5cm) gouge zones
			fault zone	WK	
98.00	106.00		undivided foliation-cleavage	STG	
106.00	106.30		fault gouge / clay/ pug	STG	
106.30	107.85		undivided foliation-cleavage	MOD	
107.85	108.10		fault gouge / clay/ pug	STG	
108.10	109.60		undivided foliation-cleavage	MOD	
109.60	119.80		undivided foliation-cleavage	STG	
			crenulation cleavage	WK	
119.80	120.00		fault gouge / clay/ pug	STG	
120.00	124.80		undivided foliation-cleavage	STG	
			crenulation cleavage	WK	
124.80	125.00		fault gouge / clay/ pug	INT	Completely gouged - soft clay
125.00	146.20		undivided foliation-cleavage	STG	Strongly deformed zone - several small gouge zones
			crenulation cleavage	WK	
			fault zone	WK	
146.20	147.85		fault zone	STG	Gouge and foliated clay/qz
147.85	161.00		undivided foliation-cleavage	STG	some small gouge zones
			fault zone	WK	
161.00	169.00		undivided foliation-cleavage	MOD	
			fault zone	WK	
169.00	190.10		undivided foliation-cleavage	STG	Strongly deformed zone - several small gouge zones
			fault zone	MOD	
190.10	193.50		fault zone	MOD	very broken core - leached clay
193.50	196.50		undivided foliation-cleavage	WK	
196.50	217.00		undivided foliation-cleavage	MOD	
217.00	259.40		undivided foliation-cleavage	WK	Variable - wk to mod
259.40	263.30		undivided foliation-cleavage	MOD	
263.30	305.85		undivided foliation-cleavage	WK	

305.85	306.10	fault	INT	py filled. Some gouge
306.10	308.00	undivided foliation-cleavage	MOD	
308.00	315.00	undivided foliation-cleavage	WK	
315.00	327.00	undivided foliation-cleavage	MOD	
327.00	336.00	undivided foliation-cleavage	WK	
336.00	342.40	undivided foliation-cleavage	MOD	
342.40	343.10	fault zone	INT	partly gouge
343.10	356.00	undivided foliation-cleavage	STG	
356.00	367.00	undivided foliation-cleavage	WK	
367.00	371.00	undivided foliation-cleavage	MOD	
371.00	377.40	undivided foliation-cleavage	WK	
377.40	379.10	undivided foliation-cleavage	MOD	

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge Dir.	Reliability	Comments
8.00	Foliation	45.0							
9.00	Foliation	45.0							
25.60	Foliation	70.0							9m -25m - folded
32.00	Foliation	55.0							
38.00	Foliation	50.0							
41.00	Foliation	50.0							
47.00	Foliation	65.0							
50.40	Fault plane	50.0							
52.00	Foliation	45.0							
55.00	Foliation	55.0							
60.00	Foliation	50.0							
64.00	Foliation	62.0							
67.00	Foliation	50.0							
72.70	Foliation	40.0							variable
77.00	Foliation	55.0							
83.00	Foliation	58.0							
84.35	Fault plane	30.0							
87.00	Foliation	55.0							
93.00	Foliation	52.0							
99.00	Foliation	40.0							
102.00	Foliation	50.0							
106.00	Foliation	55.0							
108.00	Fault plane	25.0							
109.00	Foliation	40.0							
110.00	Foliation	60.0							
114.00	Foliation	45.0							
118.00	Foliation	45.0							
119.80	Fault plane	65.0							flt margin
123.00	Foliation	60.0							
124.80	Fault plane	75.0							
128.40	Foliation	75.0							variable
132.00	Foliation	55.0							variable
135.00	Foliation	40.0							
140.40	Fault plane	55.0							approx
141.00	Foliation	50.0							
145.00	Foliation	55.0							
147.80	Foliation	75.0							approx
151.00	Foliation	70.0							

153.50	Vein	65.0	
155.00	Foliation	75.0	
159.00	Foliation	65.0	
163.00	Foliation	80.0	variable
169.00	Foliation	60.0	
172.00	Fault plane	60.0	
175.00	Foliation	75.0	variable
179.00	Foliation	80.0	variable
185.00	Foliation	80.0	variable
186.70	Bedding	68.0	tuff bed
189.50	Bedding	60.0	tuff bed
200.20	Foliation	50.0	fol/bedding
204.00	Foliation	60.0	
213.00	Foliation	65.0	
216.00	Foliation	60.0	
220.50	Foliation	50.0	fol/aligned lith tuff frags - S0?
230.00	Foliation	60.0	fol/aligned lith tuff frags - S0?
239.00	Foliation	61.0	
242.00	Foliation	75.0	
249.00	Fault plane	58.0	fault/vein margin
252.00	Foliation	70.0	
261.00	Foliation	71.0	
262.00	Foliation	65.0	
268.00	Foliation	70.0	
278.00	Foliation	60.0	
285.00	Foliation	70.0	
294.00	Foliation	65.0	
300.00	Foliation	70.0	
305.00	Foliation	60.0	
305.85	Fault plane	80.0	
307.00	Foliation	55.0	
308.00	Foliation	72.0	
313.00	Foliation	65.0	
318.00	Foliation	65.0	
324.00	Foliation	70.0	
336.00	Foliation	50.0	
339.00	Foliation	80.0	
340.00	Foliation	45.0	
342.90	Fault plane	50.0	
344.00	Foliation	55.0	
346.00	Foliation	60.0	
348.00	Foliation	50.0	
352.00	Foliation	65.0	
356.00	Foliation	80.0	
360.00	Foliation	65.0	
367.00	Foliation	70.0	
371.00	Foliation	70.0	
378.00	Foliation	75.0	
379.00	Foliation	65.0	

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
3.30	7.20	7	pyrite	bd	5	pyrite	diss	2				
7.20	11.20	2.5	pyrite	bd	2	pyrite	diss	0.5				
11.20	14.50	7	pyrite	bd	5	pyrite	diss	2				
14.50	20.30	4	pyrite	bd	3	pyrite	diss	1				
20.30	23.00	7	pyrite	bd	5	pyrite	diss	2				
23.00	29.50	4	pyrite	bd	3	pyrite	diss	1				
29.50	31.50	7	pyrite	bd	5	pyrite	diss	2				
31.50	34.00	4	pyrite	bd	3	pyrite	diss	1				
34.00	35.85	13	pyrite	bd	10	pyrite	diss	3				
35.85	41.80	7	pyrite	bd	4	pyrite	diss	3				
41.80	45.30	3.5	pyrite	bd	3	pyrite	diss	0.5				
45.30	47.80	9	pyrite	bd	7	pyrite	diss	2				
47.80	49.50	4	pyrite	bd	3	pyrite	diss	1				
49.50	56.00	7	pyrite	bd	5	pyrite	diss	2				
56.00	58.00	4	pyrite	bd	3	pyrite	diss	1				
58.00	59.30	7	pyrite	bd	5	pyrite	diss	2				
59.30	67.90	5	pyrite	bd	4	pyrite	diss	1				
67.90	69.80	9	pyrite	bd	7	pyrite	diss	2				
69.80	71.45	4	pyrite	bd	3	pyrite	diss	1				
71.45	73.30	9	pyrite	bd	7	pyrite	diss	2				
73.30	75.90	4	pyrite	bd	3	pyrite	diss	1				
75.90	84.25	7	pyrite	bd	5	pyrite	diss	2				
84.25	86.75	10	pyrite	bd	7	pyrite	diss	3				
86.75	89.50	6	pyrite	bd	5	pyrite	diss	1				
89.50	101.30	5	pyrite	bd	4	pyrite	diss	1				
101.30	106.20	9.5	pyrite	bd	7	pyrite	diss	2	galena	vsel	0.5	1 small piece of galena in vein
106.20	107.60	5	pyrite	bd	4	pyrite	diss	1				
107.60	109.60	9	pyrite	bd	7	pyrite	diss	2				
109.60	120.00	20	pyrite	bd	15	pyrite	diss	5				
120.00	131.00	11	pyrite	bd	7	pyrite	diss	4				
131.00	137.40	6	pyrite	bd	3	pyrite	diss	3				
137.40	153.00	5	pyrite	diss	3	pyrite	bd	2				
153.00	186.30	7	pyrite	bd	4	pyrite	diss	3				
186.30	186.70	5	pyrite	bd	4	pyrite	diss	1				
186.70	190.20	1	pyrite	diss	1							
190.20	201.50	0.5	pyrite	diss	0.5							
201.50	222.70	3	pyrite	bd	2	pyrite	diss	1				Variable dist
222.70	236.00	1	pyrite	diss	1							
236.00	238.00	5	pyrite	bd	3	pyrite	diss	2				
238.00	241.30	1	pyrite	diss	1							
241.30	242.40	5	pyrite	bd	3	pyrite	diss	2				
242.40	244.30	1	pyrite	diss	1							
244.30	248.90	5	pyrite	bd	3	pyrite	diss	2				
248.90	250.20	7	pyrite	diss	5	pyrite	bd	2				
250.20	253.00	2	pyrite	diss	1	pyrite	bd	1				
253.00	259.40	1	pyrite	diss	1							
259.40	261.30	4	pyrite	diss	3	pyrite	bd	1				
261.30	263.20	7	pyrite	diss	5	pyrite	bd	2				
263.20	272.50	1	pyrite	diss	1							
272.50	276.00	3	pyrite	diss	3							
276.00	278.60	1	pyrite	diss	1							

278.60	304.80	0.5	pyrite	diss	0.5						
304.80	305.85	2	pyrite	diss	2						
305.85	308.00	10	pyrite	bd	7	pyrite	diss	3			
308.00	316.80	1	pyrite	bd	1						variable
316.80	321.00	3	pyrite	bd	2		diss	1			
321.00	323.25	3	pyrite	bd	1		diss	2			
323.25	326.10	4	pyrite	diss	3	pyrite	bd	1			
326.10	336.00	1	pyrite	diss	1						
336.00	337.00	3	pyrite	bd	2		diss	1			
337.00	339.00	4	pyrite	bd	2		diss	2			
339.00	348.75	6	pyrite	bd	3		diss	3			
348.75	349.90	3	pyrite	diss	3						
349.90	356.00	6	pyrite	bd	3		diss	3			
356.00	360.00	2	pyrite	pat	2						
360.00	367.00	1	pyrite	pat	1						
367.00	372.00	3	pyrite	diss	3						
372.00	379.10	2	pyrite	pat	2						

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
3.30	4.00	135393	CORE_HALF	0.0021		2.1	213	44.4	27.96	78.6	161.9	38	445	3.5	2130
4.00	5.00	135394	CORE_HALF	0.0026		2.6	215	52.54	22.78	136.5	344.9	57.9	289	4.8	1347
5.00	6.00	135395	CORE_HALF	0.0035		3.5	289	74.72	27.48	89.2	506.7	36.6	248	8.72	1513
6.00	7.00	135396	CORE_HALF	0.0032		3.2	373	74.45	46.32	99.6	356.7	26.9	663	7.54	2619
7.00	9.00	135397	CORE_HALF	0.0016		1.6	123	56.92	10.01	125.3	232.6	119	302	4.59	3286
9.00	11.00	135398	CORE_HALF	0.0018		1.8	109	75.44	6.41	164.6	96.6	103.5	89	5.94	2752
11.00	12.00	135399	CORE_HALF	0.0016		1.6	156	48.11	13.64	90.7	283.6	54	293	2.21	2064
		135400	CORE_HALF	0.0019		1.9	141	49	14.34	94.1	277.4	59.1	293	2.31	2326
12.00	13.00	135401	CORE_HALF	0.0016		1.6	88	39.02	9.23	63.8	329.8	61.9	154	2.42	1933
13.00	14.00	135402	CORE_HALF	0.0027		2.7	265	85.67	42.57	41.5	1144.1	22.4	479	12.65	1718
14.00	16.00	135403	CORE_HALF	0.0017		1.7	164	62.59	22.54	58.7	437.4	41.8	392	6.73	1891
16.00	17.00	135404	CORE_HALF	0.0026		2.6	171	86.47	17.47	72.8	462.2	71.9	187	13.14	2513
17.00	18.00	135405	CORE_HALF	0.0029		2.9	192	65.99	31.03	114.2	534.6	25.6	323	6.08	2572
18.00	19.00	135406	CORE_HALF	0.0022		2.2	180	53.96	21.06	69	302.6	46.8	212	7.56	2067
19.00	20.00	135407	CORE_HALF	0.0014		1.4	148	54.04	16.53	72.5	344.1	56.2	169	8.04	2079
20.00	21.00	135408	CORE_HALF	0.0012		1.2	169	57.46	22.75	59.9	575.3	30.7	287	7.31	2693
21.00	22.00	135409	CORE_HALF	0.0022		2.2	147	36.61	18.49	40.2	500.3	26.2	343	3.18	1637
22.00	23.00	135410	CORE_HALF	0.002		2	186	57.15	24.34	46.4	515.4	20.4	338	5.72	1714
23.00	24.00	135411	CORE_HALF	0.0017		1.7	126	57.18	12.28	54.6	371.8	35.3	264	4.76	1894
24.00	25.00	135412	CORE_HALF	0.0018		1.8	161	68.9	23.12	51.8	334.5	43.6	236	6.22	2122
25.00	26.00	135413	CORE_HALF	0.0026		2.6	272	173.32	18.99	97.3	546.6	40.3	230	17.38	2178
26.00	27.00	135414	CORE_HALF	0.0016		1.6	251	113.98	25.13	54.6	464	34.9	329	11.36	1822
27.00	28.00	135415	CORE_HALF	0.002		2	200	49.71	22.62	89.8	287.4	38.5	374	5.3	1786
28.00	29.00	135416	CORE_HALF	0.0029		2.9	148	85.35	13.66	70.9	418.2	48.3	241	8.36	1850
29.00	30.00	135417	CORE_HALF	0.0041		4.1	213	99.64	23.56	66.8	428.5	35.8	975	8.68	1748
30.00	31.00	135418	CORE_HALF	0.0018		1.8	226	68.87	15.77	57.2	329.9	37.4	302	7.8	1411
31.00	33.00	135419	CORE_HALF	0.0019		1.9	182	41.05	12.4	164.3	269	50.2	281	3.93	1728

33.00	34.00	135420	CORE_HALF	0.0025	2.5	375	78.41	16.82	210.4	527.6	28.8	484	9.3	1659
34.00	35.00	135421	CORE_HALF	0.0034	3.4	926	146.14	46.91	8633.1	436.7	14.6	3735	16.63	1657
35.00	36.00	135422	CORE_HALF	0.0037	3.7	1869	172.36	55.88	331.2	393.1	14.5	649	21.87	1380
36.00	37.00	135423	CORE_HALF	0.0017	1.7	218	53.58	17.77	78.6	501.3	28.9	237	4.85	1703
37.00	38.00	135424	CORE_HALF	0.0023	2.3	975	127.82	27.1	103.2	704.4	18.2	565	16.69	1453
38.00	39.00	135425	CORE_HALF	0.0015	1.5	342	54.17	21.36	53.7	695.5	25.6	384	3.38	1468
		135426	CORE_HALF	0.0017	1.7	330	55.84	21.76	50.9	742.7	23.8	387	3.22	1652
39.00	40.00	135427	CORE_HALF	0.003	3	692	77.08	23.5	70.4	457.4	20.5	515	8.28	1539
40.00	42.00	135428	CORE_HALF	0.0018	1.8	401	73.4	16.09	74.3	528.8	29.2	272	6.97	1518
42.00	44.00	135429	CORE_HALF	0.0014	1.4	360	79.78	11.68	83.6	435.3	44.9	176	8.78	1811
44.00	46.60	135430	CORE_HALF	0.002	2	333	64.71	10.5	91.3	321.1	51	189	7.88	2226
46.60	47.80	135431	CORE_HALF	0.0015	1.5	453	61.51	11.9	40.1	249.3	20.6	265	5.6	1746
47.80	49.00	135432	CORE_HALF	0.0027	2.7	331	62.34	9	105.2	253.5	65.2	158	7.28	2557
49.00	49.80	135433	CORE_HALF	0.029	29	749	105.67	20.49	103	583.1	23.5	402	12.23	1443
49.80	50.20	135434	CORE_HALF	0.0061	6.1	605	86.36	5.27	40.1	69.9	54.1	155	17.11	5136
50.20	51.00	135435	CORE_HALF	0.0045	4.5	644	74.16	19.41	105	276.6	21.5	358	6.4	1517
51.00	53.00	135436	CORE_HALF	0.0019	1.9	1104	165.3	22.36	271	420.1	17.3	539	21.04	1517
53.00	55.00	135437	CORE_HALF	0.0019	1.9	619	106.28	15.82	185	305.7	20.4	475	13.03	1395
55.00	57.00	135438	CORE_HALF	0.0024	2.4	512	75.68	17.86	68.3	239.5	22.9	417	9.25	1928
57.00	58.00	135439	CORE_HALF	0.0023	2.3	533	76.16	16.23	100.4	240.6	24.8	604	11.33	1288
58.00	59.30	135440	CORE_HALF	0.0027	2.7	1114	111.7	26.57	274	295.3	18	544	13.69	1508
59.30	61.00	135441	CORE_HALF	0.0019	1.9	253	38.42	12.85	106.4	274.3	38.3	248	3.53	1973
61.00	63.00	135442	CORE_HALF	0.0021	2.1	369	84.6	15.5	108.4	345.6	36.1	346	6.86	2296
63.00	65.00	135443	CORE_HALF	0.0029	2.9	469	87.83	17.56	93.6	320.4	30.2	279	8.36	2286
65.00	67.00	135444	CORE_HALF	0.003	3	242	43.97	14.51	166.6	252.6	45.4	234	3.26	2210
67.00	68.00	135445	CORE_HALF	0.0029	2.9	277	47.02	13.59	166.5	269.6	32.7	229	3.88	2553
68.00	69.00	135446	CORE_HALF	0.0044	4.4	419	60.85	17.3	140.8	397.7	26.8	314	4.92	2156
69.00	69.80	135447	CORE_HALF	0.0069	6.9	500	63.99	25.19	327	429.2	23	483	5.42	1365
69.80	71.45	135448	CORE_HALF	0.0027	2.7	337	64.97	15.97	179.8	315.9	41.8	308	6.31	2142
71.45	73.00	135449	CORE_HALF	0.0035	3.5	619	76.21	26.51	51	223.5	19.1	587	7.09	1703
		135450	CORE_HALF	0.0039	3.9	649	81.01	31.25	48.2	232.8	20.7	595	8.12	1847
73.00	75.00	135451	CORE_HALF	0.0029	2.9	299	56.89	11.03	143.6	245.5	57.2	214	4.97	3257
75.00	76.00	135452	CORE_HALF	0.004	4	498	42.5	20.16	196.6	243.4	43.1	1637	4.05	2148
76.00	77.00	135453	CORE_HALF	0.0038	3.8	393	61.02	24.32	133.4	211.7	18.6	383	4.54	2011
77.00	78.00	135454	CORE_HALF	0.0025	2.5	358	84.24	17.57	147.4	149.8	23.4	301	6.12	3524
78.00	80.00	135455	CORE_HALF	0.005	5	881	94	24.88	404.4	251.7	25.1	1018	6.5	905
80.00	81.00	135456	CORE_HALF	0.0098	9.8	2181	95.02	26.99	264.7	231.2	16.2	840	6.59	373
81.00	82.00	135457	CORE_HALF	0.0089	8.9	1616	175.79	25.01	411.1	277.7	19.5	646	11.42	512
82.00	83.00	135458	CORE_HALF	0.0042	4.2	659	105.3	21.23	379.7	183.7	24.9	940	6.75	1754
83.00	84.00	135459	CORE_HALF	0.0041	4.1	527	114.01	20.25	142.7	376.6	18.6	1388	7.78	1014
84.00	85.00	135460	CORE_HALF	0.0034	3.4	1414	127.67	31.53	47.3	366.3	17.1	4254	9.95	333
85.00	86.00	135461	CORE_HALF	0.0032	3.2	697	106.91	23.17	48	260.7	12.2	718	7.34	276
86.00	87.00	135462	CORE_HALF	0.0022	2.2	503	103.56	21.7	422.1	199	15.2	699	7.12	859

87.00	88.00	135463	CORE_HALF	0.0016	1.6	315	86.01	14.23	460	126.7	22.3	717	5.9	1110
88.00	90.00	135464	CORE_HALF	0.0029	2.9	324	62.28	17.74	156.1	315.2	31.4	1236	4.91	1303
90.00	92.00	135465	CORE_HALF	0.0024	2.4	302	74.44	15.13	89.4	185.4	27	1819	5.06	1819
92.00	94.00	135466	CORE_HALF	0.0031	3.1	282	72.92	16.98	99.1	224.5	27.9	2274	5.15	1895
94.00	96.00	135467	CORE_HALF	0.0027	2.7	231	73.25	14.26	107.5	224.2	30.8	2727	5.06	2717
96.00	97.00	135468	CORE_HALF	0.0023	2.3	222	101.94	16.82	127.9	437.6	35	344	8.39	4060
97.00	98.00	135469	CORE_HALF	0.0029	2.9	183	64.45	16.08	99.3	335.7	30.7	1896	4.95	2712
98.00	99.00	135470	CORE_HALF	0.0028	2.8	215	70.74	18.07	165.2	246.3	32.1	1683	6.71	2438
99.00	101.00	135471	CORE_HALF	0.0038	3.8	305	86.52	17.77	177.5	405.7	30.3	1314	7.76	1786
101.00	102.00	135472	CORE_HALF	0.0026	2.6	239	70.41	19.72	86.3	259.1	22.3	1491	5.42	2092
102.00	103.00	135473	CORE_HALF	0.0069	6.9	427	66.73	41.53	849.6	252.4	15.6	2844	5.79	3299
103.00	105.00	135474	CORE_HALF	0.0041	4.1	326	93.47	26.43	69.9	279.9	21.6	1559	6.91	1952
		135475	CORE_HALF	0.004	4	293	75.1	23.43	75.2	253.5	22.8	1448	5.92	2220
105.00	106.00	135476	CORE_HALF	0.0045	4.5	258	37.22	41.99	63.5	182.1	25.6	1138	3.38	3378
106.00	106.50	135477	CORE_HALF	0.008	8	757	110.48	209.19	1530.5	277.5	23.3	2781	9.11	2983
106.50	107.50	135478	CORE_HALF	0.0054	5.4	353	138.51	23.57	200.1	142.4	28.4	3230	9.13	2166
107.50	108.50	135479	CORE_HALF	0.0053	5.3	351	108.89	24.92	334.8	246.8	32.2	5062	7.52	2972
108.50	109.50	135480	CORE_HALF	0.0068	6.8	350	77.83	54.54	142.6	106.7	15.9	4160	3.74	452
109.50	110.50	135481	CORE_HALF	0.0062	6.2	730	200.38	53.98	42.3	230.7	7.2	6501	12.53	35
110.50	111.50	135482	CORE_HALF	0.0072	7.2	452	128.67	23.64	24.9	180.7	7.9	3075	6.08	31
111.50	112.50	135483	CORE_HALF	0.0061	6.1	716	275.63	62	49.8	218.1	9	4286	26.98	19
112.50	113.50	135484	CORE_HALF	0.009	9	925	167.35	120.07	30.9	167.8	5.9	3811	24.2	16
113.50	114.00	135485	CORE_HALF	0.0374	37.4	1947	245.5	173.82	1851.7	270.2	4.3	21926	10.18	13
114.00	115.00	135486	CORE_HALF	0.0075	7.5	885	136.54	58.63	28.3	257.4	7.8	3814	19.77	15
115.00	116.00	135487	CORE_HALF	0.0047	4.7	1212	135.74	42.27	30.2	243.4	11.5	3985	18.13	21
116.00	117.00	135488	CORE_HALF	0.004	4	1172	135.62	61.47	39.5	230.2	11.7	3519	17	20
117.00	118.00	135489	CORE_HALF	0.0044	4.4	876	133.83	39.24	45.9	234.9	10.7	3126	19.09	16
118.00	119.00	135490	CORE_HALF	0.0058	5.8	892	155.49	37.87	380.6	258.5	9.5	7441	28.36	13
119.00	120.00	135491	CORE_HALF	0.009	9	1411	261.75	54.5	499.8	195.2	9.5	13101	61.23	18
120.00	121.00	135492	CORE_HALF	0.0085	8.5	635	86.24	39.79	24.5	98.7	13.2	2525	6.51	37
121.00	122.00	135493	CORE_HALF	0.0073	7.3	532	162.46	15.57	24.1	106.6	15.4	3897	10.43	71
122.00	123.00	135494	CORE_HALF	0.006	6	482	96.23	26.11	683	77	17	3274	5.81	106
123.00	124.00	135495	CORE_HALF	0.0101	10.1	866	238.3	35.28	135.9	124	9.3	2516	16.16	29
124.00	124.80	135496	CORE_HALF	0.0104	10.4	432	41.21	44.28	16.1	57.6	8.6	1579	3.07	17
124.80	125.00	135497	CORE_HALF	0.0084	8.4	2405	185.79	56.73	243.6	429.1	7.1	3963	12.4	1142
125.00	126.00	135498	CORE_HALF	0.0065	6.5	411	84.18	27.15	11.5	95.9	11.5	1521	5.46	21
126.00	127.00	135500	CORE_HALF	0.0075	7.5	543	79.16	34.68	8.5	72.6	8.8	2256	21.98	35
		135499	CORE_HALF	0.0082	8.2	657	90.18	47.08	9.5	81.2	8.9	2495	34.86	28
127.00	128.00	135501	CORE_HALF	0.0149	14.9	391	72.55	22.64	7.4	66.3	9.2	2096	4.69	23
128.00	129.00	135502	CORE_HALF	0.0087	8.7	372	74.2	21.37	8.7	68.1	9.8	1881	5	24
129.00	130.00	135503	CORE_HALF	0.0076	7.6	511	139.66	12.44	13.7	87.6	8.1	3076	8.61	55
130.00	131.00	135504	CORE_HALF	0.0256	25.6	450	108.7	11.11	11.2	63.1	10.8	3026	9.94	17
131.00	132.00	135505	CORE_HALF	0.0736	73.6	386	60.1	28.51	20	40.1	19.7	4534	8.12	13

132.00	133.00	135506	CORE_HALF	0.0241	24.1	414	60.89	27.98	7.3	47.4	12.7	2526	4.59	20
133.00	134.00	135507	CORE_HALF	0.0093	9.3	263	39.96	19.48	205.7	59.9	9.4	2492	3.75	37
134.00	135.00	135508	CORE_HALF	0.0378	37.8	423	76.95	25.93	286.9	53.2	10.7	5986	7.69	36
135.00	136.00	135509	CORE_HALF	0.0083	8.3	434	110.95	15.98	513.3	88.1	15	5213	10.06	27
136.00	137.00	135510	CORE_HALF	0.0104	10.4	464	133.89	18.37	403.7	55.6	10.8	5185	12.51	15
137.00	139.00	135511	CORE_HALF	0.0124	12.4	544	110.08	20.83	53.6	55.5	14.3	2789	9.65	25
139.00	141.00	135512	CORE_HALF	0.0064	6.4	606	106.1	33.48	1030.8	48.1	12.8	8810	7.13	50
141.00	142.00	135513	CORE_HALF	0.0042	4.2	157	18.8	20.66	6.8	28	10	1175	1.28	30
142.00	143.00	135514	CORE_HALF	0.0062	6.2	374	54.72	24.07	134.4	34.7	15.2	2785	3.65	18
143.00	144.00	135515	CORE_HALF	0.0082	8.2	684	93.86	32.93	453.4	56.9	15.1	6667	6.18	155
144.00	145.00	135516	CORE_HALF	0.0071	7.1	940	135.45	34.73	26.8	65	11.8	11065	10.26	21
145.00	146.00	135517	CORE_HALF	0.0067	6.7	642	108.65	13.43	20	60.3	12.6	5021	8.91	24
146.00	147.00	135518	CORE_HALF	0.0067	6.7	505	78.04	18.45	21.7	50.2	10.4	3765	6.85	19
147.00	148.00	135519	CORE_HALF	0.0073	7.3	1141	130.53	104.92	230.6	85.8	12.2	3411	11.58	14
148.00	149.00	135520	CORE_HALF	0.0098	9.8	3158	446.03	191.51	212	205	16.4	7599	33.67	41
149.00	150.00	135521	CORE_HALF	0.005	5	1536	220.48	29.24	63.5	146.3	11.2	2362	10.32	80
150.00	151.00	135522	CORE_HALF	0.0049	4.9	782	101.94	40.61	32.8	107.7	10.7	1483	4.87	53
151.00	152.00	135523	CORE_HALF	0.0058	5.8	1299	198.55	36.73	34.2	121.5	13	2717	12.56	34
152.00	153.00	135524	CORE_HALF	0.0062	6.2	802	104.98	76.24	598.8	156.8	10.1	3453	5.42	52
153.00	154.00	135525	CORE_HALF	0.0076	7.6	794	138.69	73.55	38.3	157.1	13.6	3024	5.54	280
		135526	CORE_HALF	0.0074	7.4	744	132.38	75.75	40.1	163.2	13.2	3075	5.23	210
154.00	155.00	135527	CORE_HALF	0.0099	9.9	878	210.52	71.88	32.4	149.3	12.1	13415	4.63	33
155.00	156.00	135528	CORE_HALF	0.0108	10.8	1106	137.45	162.78	28.8	158.8	11.3	3891	2.92	34
156.00	157.00	135529	CORE_HALF	0.0141	14.1	1137	182.02	106.54	37.7	172.6	8.4	34847	4.16	38
157.00	158.00	135530	CORE_HALF	0.0075	7.5	812	153.4	50.67	108.4	104.8	16.3	1084	2.14	361
158.00	159.00	135531	CORE_HALF	0.0091	9.1	870	170.98	54.85	76.5	121.3	15.8	1231	1.86	131
159.00	161.00	135532	CORE_HALF	0.0065	6.5	1123	174.58	42.1	61.3	91.2	20.3	1332	2.2	93
161.00	163.00	135533	CORE_HALF	0.0103	10.3	1976	268.83	49.07	55.7	144.4	10.9	18726	5.02	68
163.00	164.50	135534	CORE_HALF	0.0065	6.5	1188	166.84	69.6	88.1	120.8	15.6	1524	2.55	140
164.50	165.50	135535	CORE_HALF	0.0076	7.6	1172	240.62	69.86	106.3	100.4	14.7	16092	3.56	173
165.50	167.00	135536	CORE_HALF	0.0112	11.2	440	234.13	26.68	166.3	58.1	19.4	311	0.56	400
167.00	169.00	135537	CORE_HALF	0.0176	17.6	785	324.26	13.71	126	87	15	680	3.66	207
169.00	170.00	135538	CORE_HALF	0.0099	9.9	653	252.11	29.67	15.2	86	16.7	1547	4.56	16
170.00	171.00	135539	CORE_HALF	0.0094	9.4	620	310.64	17.56	11.6	110	26.3	1358	8.79	8
171.00	172.00	135540	CORE_HALF	0.0108	10.8	447	116.2	49.65	6.3	55.7	23.2	1936	5.19	12
172.00	173.00	135541	CORE_HALF	0.0097	9.7	471	133.07	52.18	9.3	62.6	17.3	3017	8.49	9
173.00	174.00	135542	CORE_HALF	0.0094	9.4	476	131.28	83.01	11.2	67.8	12.4	5606	11.01	7
174.00	175.00	135543	CORE_HALF	0.0147	14.7	935	285.84	49.44	25.4	122.9	16.4	99999	43.29	13
175.00	176.00	135544	CORE_HALF	0.0072	7.2	504	230.66	44.6	24.2	121.4	8.3	4309	29.35	8
176.00	177.00	135545	CORE_HALF	0.0058	5.8	277	104.16	44.74	14.4	76.9	15.4	2210	16.35	15
177.00	178.00	135546	CORE_HALF	0.0079	7.9	455	188.99	42.14	26.1	99.4	19.9	3343	29.39	10
178.00	179.00	135547	CORE_HALF	0.0096	9.6	430	229.27	53.43	16.2	105.9	20.6	2134	14.29	13
179.00	180.00	135548	CORE_HALF	0.0112	11.2	589	449.48	52.4	13.9	112.1	15	1772	4.2	29

180.00	181.00	135549	CORE_HALF	0.0113	11.3	476	536.07	28.38	24.9	93	13	2092	1.89	61
		135550	CORE_HALF	0.0108	10.8	537	678.2	31.18	30.5	112.3	13.7	1856	2.53	53
181.00	182.00	135551	CORE_HALF	0.0149	14.9	699	791.51	24.42	37.6	119.5	10.8	1763	2.93	59
182.00	183.00	135552	CORE_HALF	0.0111	11.1	484	496.64	31.78	22.3	75	12.1	1823	1.49	45
183.00	184.00	135553	CORE_HALF	0.0064	6.4	321	169.37	36.97	14.8	55	13.8	639	1.76	26
184.00	185.00	135554	CORE_HALF	0.007	7	607	138.93	73.22	51.4	45.8	15.7	1493	5	9
185.00	186.30	135555	CORE_HALF	0.0113	11.3	326	103.28	37.9	29.2	47.1	10.1	1295	2.29	38
186.30	188.00	135556	CORE_HALF	0.0244	24.4	955	74.98	74.14	195.2	32.8	107.9	554	0.78	1353
188.00	190.00	135557	CORE_HALF	0.008	8	313	98.17	12.47	89.1	59	182.3	68	1.26	1135
190.00	192.00	135558	CORE_HALF	0.002	2	101	53.2	2.1	86.8	6.7	218	45	0.53	757
192.00	193.00	135559	CORE_HALF	0.002	2	108	56.84	1.43	86.7	14.1	201	48	0.61	1021
193.00	194.00	135560	CORE_HALF	0.0103	10.3	418	233.74	6.08	111.2	328.2	48.5	157	4.57	676
194.00	196.00	135561	CORE_HALF	0.0026	2.6	65	167.84	1.03	144.2	4.8	240.1	75	1.61	802
196.00	197.00	135562	CORE_HALF	0.0011	1.1	22	5.32	1.4	84.5	3.2	665.8	7	0.33	560
197.00	198.00	135563	CORE_HALF	0.0016	1.6	50	2.32	2.51	62.1	3.8	595.3	22	0.96	485
198.00	200.00	135564	CORE_HALF	0.0012	1.2	20	3.16	3.37	49.7	3.4	72.3	9	1.71	358
200.00	201.25	135565	CORE_HALF	0.0013	1.3	33	6.04	4.22	44.7	5.1	94.6	21	2.36	341
201.25	203.00	135566	CORE_HALF	0.0123	12.3	319	143.02	11.29	75.2	18.5	32.8	167	1.06	1475
203.00	205.00	135567	CORE_HALF	0.0032	3.2	175	136.95	4.73	80.5	10.5	57.9	524	1.12	1578
205.00	207.00	135568	CORE_HALF	0.0039	3.9	412	131.55	214.02	127.1	28	42.5	1107	2.89	1649
207.00	209.00	135569	CORE_HALF	0.0043	4.3	275	133.65	15.97	105.5	12.8	39.4	292	1.09	1818
209.00	211.00	135570	CORE_HALF	0.0061	6.1	348	121.15	98	123.5	20.1	33.7	477	1.38	1966
211.00	213.00	135571	CORE_HALF	0.0047	4.7	221	124.2	13.3	127.7	25.6	38.8	795	1.42	1740
213.00	215.00	135572	CORE_HALF	0.0049	4.9	192	236.34	66	108.4	29.1	64.6	597	1.63	1977
215.00	216.60	135573	CORE_HALF	0.034	34	569	116.13	48.21	102.4	43.9	17.9	897	2.13	1448
216.60	218.00	135574	CORE_HALF	0.0177	17.7	306	56.28	56.85	110.1	45.1	26.9	146	1.35	1993
218.00	220.00	135575	CORE_HALF	0.0121	12.1	428	88.31	19.11	114.6	34.2	30.9	311	1.63	2138
		135576	CORE_HALF	0.0117	11.7	411	105.93	39.22	101.4	31.1	44.4	201	1.62	1994
220.00	222.00	135577	CORE_HALF	0.017	17	265	83.92	16.89	142.8	36.9	86.1	180	1	2239
222.00	224.00	135578	CORE_HALF	0.0139	13.9	462	109.08	45.01	109.1	47.9	57.7	469	1.7	2122
224.00	226.00	135579	CORE_HALF	0.0058	5.8	336	110.81	27.85	121.9	72.2	64.1	794	2.94	2943
226.00	228.00	135580	CORE_HALF	0.1	0.1	762.1	619	143.54	34.12	96.3	32.7	134.3	923	2.23
228.00	230.00	135581	CORE_HALF	0.0273	27.3	274	128.96	62.26	103.2	12	79.7	268	1.09	2030
230.00	232.00	135582	CORE_HALF	0.0195	19.5	308	89.75	78.76	127.7	19.2	49.6	206	1.23	2088
232.00	234.00	135583	CORE_HALF	0.0202	20.2	251	97	48.14	125.6	14.1	60.6	253	0.91	2034
234.00	236.00	135584	CORE_HALF	0.2346	234.6	367	127.26	19.46	110.9	74.4	62.2	231	1.01	2485
236.00	237.00	135585	CORE_HALF	0.73	0.73	507.1	551	87.11	35.06	52.4	149.6	34.7	513	1.15
237.00	239.00	135586	CORE_HALF	0.1921	192.1	322	88.22	9.27	101.6	40.8	83.3	210	0.75	2057
239.00	241.00	135587	CORE_HALF	0.1006	100.6	228	98.26	14.32	110.3	38.6	146.2	280	0.83	2242
241.00	242.40	135588	CORE_HALF	0.0122	12.2	278	82.89	21.61	77.2	15.2	18.6	257	1.62	1805
242.40	244.00	135589	CORE_HALF	0.0101	10.1	195	118.91	12.51	112	23.1	134.8	394	0.87	1924
244.00	246.00	135590	CORE_HALF	0.019	19	440	112.32	17.94	88.8	26.4	43.7	287	2.09	1985
246.00	247.00	135591	CORE_HALF	0.022	22	513	151.41	25.4	97.6	30	42.3	404	5.67	2383

247.00	248.60	135592	CORE_HALF	0.0152	15.2	261	54.2	13.73	126.1	36.6	61.9	801	1.71	2671
248.60	250.10	135593	CORE_HALF	0.0276	27.6	1096	86.23	74.72	41.5	142	12.7	2131	7.12	779
250.10	252.00	135594	CORE_HALF	0.0076	7.6	373	114.57	16.22	123.5	43.4	44.2	556	2.89	2622
252.00	254.00	135595	CORE_HALF	0.0408	40.8	301	100.69	16.3	98.8	19.7	46.5	224	1.37	2144
254.00	256.00	135596	CORE_HALF	0.0107	10.7	237	184.03	7.79	107.5	18.6	69.2	349	1.13	2079
256.00	258.00	135597	CORE_HALF	0.0071	7.1	174	147.13	7.48	105	15.6	311.1	408	1.12	1921
258.00	259.40	135598	CORE_HALF	0.0278	27.8	343	248.47	9.21	119	38	97.1	1171	3.36	2456
259.40	261.00	135599	CORE_HALF	0.0931	93.1	396	97.65	37.06	68.4	45.3	37.6	147	1.17	1992
		135600	CORE_HALF	0.0849	84.9	380	90.99	31.04	69.1	45	44.8	144	1.21	2069
261.00	262.00	135601	CORE_HALF	0.0489	48.9	292	138.76	52.58	81.2	51.1	14	230	2.87	2558
262.00	263.20	135602	CORE_HALF	0.0736	73.6	264	87.83	46.71	81.7	103	31.7	141	2.21	3171
263.20	265.00	135603	CORE_HALF	0.0091	9.1	186	114.61	45.57	98.6	19.6	41.2	181	1.12	2061
265.00	267.00	135604	CORE_HALF	0.0067	6.7	230	145.04	70.66	103	26.4	131.2	409	1.2	2353
267.00	269.00	135605	CORE_HALF	0.0201	20.1	283	124.01	34.57	115.7	41.7	33.1	155	1.66	2138
269.00	271.00	135606	CORE_HALF	0.1078	107.8	205	102.25	8.18	112.2	26.9	52.2	76	1.17	2151
271.00	273.00	135607	CORE_HALF	0.0188	18.8	217	110.73	13.25	116.7	156.5	30.4	475	2.32	2088
273.00	275.00	135608	CORE_HALF	0.0142	14.2	318	200.45	15.72	143.6	68	35.5	472	3.16	1929
275.00	276.00	135609	CORE_HALF	0.0357	35.7	899	119.22	16.44	80.6	56.5	35.1	594	2.24	1011
276.00	278.00	135610	CORE_HALF	0.0876	87.6	365	96.46	8.1	130.3	37.1	49.6	112	0.72	2007
278.00	280.00	135611	CORE_HALF	0.0083	8.3	223	107.98	12.83	138.7	48.5	23.5	349	2.95	2231
280.00	282.00	135612	CORE_HALF	0.0076	7.6	199	125.02	9.23	133.4	19.3	37.2	425	0.95	2241
282.00	284.00	135613	CORE_HALF	0.0028	2.8	103	90.27	6.04	123.9	14.2	84.4	214	0.68	1850
284.00	286.00	135614	CORE_HALF	0.0031	3.1	176	111.39	6.59	102.2	14.1	54	88	0.9	1705
286.00	288.00	135615	CORE_HALF	0.0029	2.9	110	114.39	5.74	114	13.8	66.3	166	0.74	1885
288.00	290.00	135616	CORE_HALF	0.0032	3.2	106	98.86	6.47	112	25.8	41.4	205	0.82	2049
290.00	292.00	135617	CORE_HALF	0.0046	4.6	99	80.39	4.48	108.9	18.7	385.1	224	1.11	1756
292.00	294.00	135618	CORE_HALF	0.0031	3.1	75	94.02	3.39	84.6	2.6	1751.3	95	0.84	1941
294.00	296.00	135619	CORE_HALF	0.0049	4.9	159	96.8	8.31	101.7	16.9	80.8	397	0.97	1915
296.00	298.00	135620	CORE_HALF	0.006	6	145	119.08	8.71	163.9	23.6	91.3	105	0.95	2878
298.00	300.00	135621	CORE_HALF	0.0145	14.5	276	99.27	13.61	216.3	104.3	92.6	584	3.69	3158
300.00	301.00	135622	CORE_HALF	0.028	28	398	62.84	30.14	238.3	263.4	28.8	887	5.63	2774
301.00	302.50	135623	CORE_HALF	0.0117	11.7	162	77.19	11.23	203.6	39.8	68.3	136	1.39	2733
302.50	303.50	135624	CORE_HALF	0.0871	87.1	649	65.45	33.64	118.3	83	19.3	255	1.52	2833
303.50	305.00	135626	CORE_HALF	0.0049	4.9	139	112.8	6.64	191.6	9.7	109.8	41	0.68	2957
		135625	CORE_HALF	0.0043	4.3	120	104.18	7.38	188	9.8	115.6	37	0.62	2849
305.00	305.85	135627	CORE_HALF	0.0108	10.8	246	69.85	12.62	203.4	42.2	61.5	154	1.41	2411
305.85	307.00	135628	CORE_HALF	0.0417	41.7	1088	141.45	23.33	7.2	105.5	12.3	1380	2.06	67
307.00	308.00	135629	CORE_HALF	0.0474	47.4	518	106.42	27.72	11.2	80.6	18.9	414	1.95	87
308.00	310.00	135630	CORE_HALF	0.019	19	263	128.61	34.17	274	34	28	359	1.51	3370
310.00	312.00	135631	CORE_HALF	0.0061	6.1	151	125.01	43.88	326.7	29.5	23.8	152	1.19	4163
312.00	313.00	135632	CORE_HALF	0.016	16	313	149.2	28.64	219.7	58.7	29.5	248	1.77	2783
313.00	315.00	135633	CORE_HALF	0.0085	8.5	110	80.58	13.64	129.9	42.6	28.2	24	0.59	3574
315.00	317.00	135634	CORE_HALF	0.0082	8.2	133	101.17	15.02	161.2	44.6	19.5	54	1.06	3989

317.00	319.00	135635	CORE_HALF	0.0074	7.4	121	81.6	16.14	109.9	47.7	12.5	144	1.12	2740
319.00	320.00	135636	CORE_HALF	0.0036	3.6	99	79.74	11.36	248.7	39.8	14	131	0.89	2176
320.00	321.00	135637	CORE_HALF	0.003	3	143	66.07	30.94	85.7	20.5	19.4	104	0.91	2670
321.00	323.00	135638	CORE_HALF	0.005	5	118	73.92	18.39	219.7	37.9	34.7	86	0.73	2730
323.00	325.00	135639	CORE_HALF	0.004	4	196	73.14	35.83	103.4	24.3	12.1	224	1.16	1692
325.00	326.00	135640	CORE_HALF	0.0068	6.8	286	72.44	51.08	238.9	22	9.3	183	1.37	1604
326.00	328.00	135641	CORE_HALF	0.0076	7.6	115	53.36	13.45	203	31.6	28.2	27	0.62	2962
328.00	330.00	135642	CORE_HALF	0.0146	14.6	187	97.77	20.13	239.7	35.7	44.6	32	1.31	3143
330.00	332.00	135643	CORE_HALF	0.0093	9.3	154	102.6	16.6	256.3	43.6	45.4	14	0.97	2830
332.00	334.00	135644	CORE_HALF	0.0042	4.2	115	78.75	8.5	213.3	27.8	58.6	15	0.8	3108
334.00	336.00	135645	CORE_HALF	0.008	8	192	82.98	74.23	557	18.1	60.9	122	0.55	3471
336.00	337.00	135646	CORE_HALF	0.0199	19.9	336	70.61	67.29	812	25.3	24.8	203	0.49	3224
337.00	338.00	135647	CORE_HALF	0.0279	27.9	495	81.02	101.21	647.8	55.6	12.8	332	0.72	3201
338.00	339.00	135648	CORE_HALF	0.0299	29.9	383	163.51	396.71	553.3	30.1	25.8	179	0.98	2430
339.00	340.00	135649	CORE_HALF	0.0164	16.4	600	123.11	82.94	444.3	42.9	24.6	195	1.21	2469
		135650	CORE_HALF	0.016	16	372	119.04	80.88	432.2	43.3	29.4	184	1.15	2497
340.00	341.00	135651	CORE_HALF	0.0102	10.2	242	60.68	42.19	101.6	26.8	22.4	61	0.24	1761
341.00	342.00	135652	CORE_HALF	0.0099	9.9	217	75.51	38.92	464.8	36.5	26.1	216	0.38	1837
342.00	343.00	135653	CORE_HALF	0.0213	21.3	714	161.52	74.57	373.3	60.9	10.5	356	0.95	1875
343.00	344.00	135654	CORE_HALF	0.0184	18.4	631	144.99	48.93	262.7	56.8	9.1	421	2.71	2259
344.00	345.00	135655	CORE_HALF	0.0091	9.1	317	93.82	40.39	185.9	30.9	9.3	296	1.77	1944
345.00	346.00	135656	CORE_HALF	0.0299	29.9	940	260.2	70.84	143.8	51	8	383	1.47	2130
346.00	347.00	135657	CORE_HALF	0.0119	11.9	378	158.6	22.69	81	19.3	11.2	206	0.27	2241
347.00	348.00	135658	CORE_HALF	0.0097	9.7	211	158.83	16.95	62.3	23.1	10.1	162	0.31	2276
348.00	349.00	135659	CORE_HALF	0.0125	12.5	250	143.36	10.38	63.2	34.7	11.3	138	0.12	2266
349.00	350.00	135660	CORE_HALF	0.0398	39.8	356	131.76	7.32	105.6	164.4	11.1	49	0.41	1875
350.00	351.00	135661	CORE_HALF	0.061	61	2081	232.58	149.83	900.6	17.2	11.2	870	0.49	2406
351.00	352.00	135662	CORE_HALF	0.0144	14.4	589	157.08	347.37	1058	16.8	12.6	877	0.67	2381
352.00	353.00	135663	CORE_HALF	0.0161	16.1	450	129.25	115.19	407.2	28.5	6.9	427	3.46	3432
353.00	354.00	135664	CORE_HALF	0.0196	19.6	559	105.9	77.4	298.7	34.5	7.2	579	2.94	2830
354.00	355.00	135665	CORE_HALF	0.0521	52.1	648	89.6	46.02	47.9	34.5	10	87	0.82	1416
355.00	356.00	135666	CORE_HALF	0.0248	24.8	728	142.1	64.33	787.5	23.3	8.8	301	0.41	2395
356.00	358.00	135667	CORE_HALF	0.0671	67.1	248	92.56	6.98	96	16.1	23.4	-5	0.25	2413
358.00	359.80	135668	CORE_HALF	0.0605	60.5	263	96.37	5.58	86.6	21	23.2	7	0.32	2310
359.80	361.00	135669	CORE_HALF	0.074	74	520	71.51	12.25	71.4	34.7	22.7	9	0.37	2113
361.00	363.00	135670	CORE_HALF	0.0239	23.9	298	124.7	7.22	110.4	24.3	86	7	0.37	2220
363.00	365.00	135671	CORE_HALF	0.0462	46.2	255	82.75	6.56	85.8	44	108	-5	0.43	1803
365.00	367.00	135672	CORE_HALF	0.0191	19.1	234	100.3	4.8	76	36.8	62.8	7	0.37	1660
367.00	369.00	135673	CORE_HALF	0.0463	46.3	787	78.66	10.05	88	82.1	30.1	22	0.44	1751
369.00	371.00	135674	CORE_HALF	0.0419	41.9	694	28.89	7.51	41.3	127.4	21.4	20	0.37	1061
371.00	373.00	135675	CORE_HALF	0.0095	9.5	275	139.3	4.78	64.2	88.8	30.5	15	0.31	1583
		135676	CORE_HALF	0.0098	9.8	288	152.3	5.45	67.9	94.4	45.2	10	0.35	1592
373.00	375.00	135677	CORE_HALF	0.0084	8.4	328	133.3	4.48	64.9	92.1	41.2	6	0.33	1597

375.00	377.00	135678	CORE_HALF	0.0113	11.3	294	68.83	10.11	62.5	80.8	17.9	17	0.44	2450
377.00	378.00	135679	CORE HALF	0.0477	47.7	930	79.2	8.73	47.7	69.1	18.4	47	0.6	1635
378.00	379.10	135680	CORE HALF	0.0612	61.2	1120	64.58	22.95	67.8	71.7	13.5	40	0.74	1999

HERITAGE EXPLORATIONS **03_125**
DRILL HOLE LOG

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_125	*Hole type*	Diamond drill *Size* BTW	*Date commenced*	12/09/2003
DataSet	SIBS	*Depth*	276.30 m	*Date completed*	15/09/2003
Location	Hexagon Prospect	*Geologist*	David Byrne	*Drilling company*	FALCON DRILLING
Tenement	255254	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	East	North	RL	Grid unit
Local Grid	SIB_Local	10418.00	11700.00	1120.00	m
UTM Grid	NAD83_9	409546.31	6275605.05	1117.70	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	273.5	Magnetic	297.0	-45.0	Compass	
138.68	m	277.0	Magnetic	300.0	-44.0	Camera	

Lithology

Logged by: David Byrne

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	5.79		CASE			100	
5.79	17.35	M	YIOM	PYC	FOL	100	
17.35	18.26	F	YIOF	FOL		100	
18.26	18.80	M	YIOM	PYC	FOL	100	
18.80	19.35	F	YIOF	FOL		100	
19.35	19.85		ZYOO			100	
19.85	20.05	F	YIOF	FOL		100	
20.05	20.73	M	YIOM	PYC	FOL	100	
20.73	24.30	F	YIOF	FOL		100	
24.30	25.50	F	SAIO	FOL		100	
25.50	25.90	M	YIOM	PYC	FOL	100	
25.90	27.70	F	SAIO	FOL		100	
27.70	27.95	M	YIOM	PYC	FOL	100	
27.95	28.70	F	SAIO	FOL		100	
28.70	33.37	M	YIOM	PYC	FOL	100	
33.37	34.12	F	YIOF	FOL		100	
34.12	34.50	M	YIOM	PYC	FOL	100	
34.50	36.12	F	YIOF	FOL		100	
36.12	39.30		ZOOO			100	
39.30	39.60		OOOO			100	Quartz

39.60	39.70		ZOOO			100
39.70	44.10	M	YIOM	PYC	FOL	100
44.10	44.20	F	YIOF	FOL		100
44.20	44.90	C	YIOC	PYC		100
44.90	47.45	M	YIOM	PYC		100
47.45	51.00	F	YIOF	FOL		100
51.00	53.70	M	YIOM	PYC		100
53.70	54.83	C	YIOC	PYC		100
54.83	55.78	M	YIOM	PYC		100
55.78	57.35	F	YIOF	FOL		100
57.35	57.65	M	YIOM	PYC		100
57.65	60.35	F	YIOF	FOL		100
60.35	61.95	M	YIOM	PYC	FOL	100
61.95	65.53	F	YIOF	FOL		100
65.53	66.45	C	YIOC	PYC		100
66.45	66.75	M	YIOY	PYC	FOL	100
66.75	71.90	C	YIOC	PYC		100
71.90	72.66	M	YIOM	PYC	FOL	100
72.66	73.06	F	YIOF	FOL		100
73.06	73.90	M	YIOY	PYC	FOL	100
73.90	74.20	F	YIOF	FOL		100
74.20	77.12	M	YIOM	PYC	FOL	100
77.12	86.50	C	YIOC	PYC		100
86.50	90.95	M	YIOM	PYC		100
90.95	92.58	F	YIOF	FOL		100
92.58	96.40	C	YIOC	PYC		100
96.40	101.50	F	YIOF	FOL		100
101.50	105.75	M	YIOM	PYC	FOL	100
105.75	106.50	F	YIOF	FOL		100
106.50	108.03	M	YIOM	PYC	FOL	100
108.03	115.90	C	YIOC	PYC	FOL	100
115.90	119.40	F	YIOF	FOL		100
119.40	120.93	C	YIOC	PYC	FOL	100
120.93	122.30	F	YIOF	FOL		100
122.30	126.50	M	YIOM	PYC	FOL	100
126.50	128.66	C	YIOC	PYC	FOL	100
128.66	130.42	M	YIOM	PYC	FOL	100
130.42	132.18	F	YIOF	FOL		100
132.18	133.20	M	YIOM	PYC	FOL	100
133.20	133.85	C	YIOR	PYC	FOL	100
133.85	140.82	M	YIOA	PYC	FOL	100
140.82	142.74	F	YIOF	FOL		100
142.74	143.69	C	YIOC	PYC	FOL	100
143.69	144.34	M	YIOM	PYC	FOL	100
144.34	148.20	F	YIOF	FOL		100

148.20	156.46	M	YIOM	PYC	FOL	100	
156.46	162.70	F	YIOF	FOL		100	
162.70	170.14	M	YIOM	PYC	FOL	100	
170.14	171.52	F	YIOF	FOL		100	
171.52	172.27	M	YIOM	PYC	FOL	100	
172.27	173.27	C	YIOC	PYC	FOL	100	
173.27	174.22	M	YIOM	PYC	FOL	100	
174.22	175.82	C	YIOC	PYC	FOL	100	
175.82	178.16	F	YIOF	FOL		100	
178.16	179.11	C	YIOC	PYC	FOL	100	
179.11	189.00	M	YIOM	PYC	FOL	100	
189.00	190.78		ZOOO			100	fault gouge
190.78	199.90	C	YIOC	PYC		100	
199.90	200.25		ZOOO			100	fault gouge
200.25	205.24	M	YIOM	PYC	FOL	100	
205.24	206.95	C	YIOC	PYC		100	
206.95	207.42	M	YIOM	PYC	FOL	100	
207.42	208.79	F	YIOF	FOL		100	
208.79	209.50	C	YIOC	PYC		100	
209.50	210.55	M	YIOM	PYC	FOL	100	
210.55	214.50	C	YIOC	PYC		100	
214.50	215.45	M	YIOM	PYC	FOL	100	
215.45	216.83	C	YIOC	PYC		100	
216.83	220.45	M	YIOM	PYC	FOL	100	
220.45	222.27	C	YIOC	PYC		100	
222.27	226.42	M	YIOM	PYC	FOL	100	
226.42	228.95	C	YIOC	PYC		100	
228.95	230.88	M	YIOM	PYC	FOL	100	
230.88	231.55	C	YIOC	PYC		100	
231.55	238.69	M	YIOM	PYC	FOL	100	
238.69	240.16	C	YIOC	PYC		100	
240.16	246.83	M	YIOM	PYC	FOL	100	
246.83	247.36	C	YIOC	PYC		100	
247.36	248.42	M	YIOM	PYC	FOL	100	
248.42	250.26	F	YIOF	FOL		100	
250.26	250.77	C	YIOC	PYC		100	
250.77	251.40	M	YIOM	PYC	FOL	100	
251.40	252.18	F	YIOF	FOL		100	
252.18	255.84	C	YIOC	PYC		100	
255.84	258.13	F	YIOF	FOL		100	
258.13	258.94	M	YIOM	PYC	FOL	100	
258.94	259.40	F	YIOF	FOL		100	
259.40	260.57	C	YIOC	PYC		100	
260.57	264.68	F	YIOF	FOL		100	
264.68	265.40	M	YIOM	PYC	FOL	100	

265.40	267.50	C	YIOC	PYC		100
267.50	268.77	F	YIOF	FOL		100
268.77	270.22	C	YIOC	PYC		100
270.22	270.80	F	YIOF	FOL		100
270.80	276.30	C	YIOC	PYC		100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
6.80	7.30		Sericitiziation	mass	STG	SERI	STG	CARB	MOD	QZ	MOD		
			Carbonatization	ff	MOD	PY	MOD	CARB	MOD				
12.05	20.05		Hematization	bd	WK	HEM	MOD						Red stained clay?
24.06	25.50		Hematization	bd	MOD	HEM	MOD						Red stained clay?
25.90	27.70		Hematization	mass	STG	HEM	STG						Red stained clay?
27.90	31.85		Hematization	bd	STG	HEM	STG						Red stained clay?
32.10	33.00		Hematization	bd	MOD	HEM	MOD						Red stained clay?
41.60	42.00		Hematization	bd	WK	HEM	WK						Red stained clay?
42.70	45.95		Hematization	bd	WK	HEM	WK						Red stained clay?
50.15	51.25		Hematization	bd	WK	HEM	WK						Red stained clay?
56.80	56.90		Sericitiziation	hal	MOD	SERI	MOD	CARB	MOD	QZ	MOD		
59.90	60.15		Sericitiziation	bd	MOD	SERI	MOD	CARB	MOD	QZ	MOD		
61.83	62.00		Sericitiziation	bd	MOD	SERI	MOD	CARB	MOD	QZ	MOD		
			Hematization	pat	MOD	HEM	MOD						
62.00	62.78		Hematization	pat	MOD	HEM	MOD						Red stained clay?
86.70	87.20		Sericitiziation	pat	WK	SERI	WK	QZ	WK	PY	WK		
88.20	88.70		Sericitiziation	mass	WK	SERI	WK	QZ	WK				
89.52	89.78		Sericitiziation	pat	WK	SERI	WK	QZ	WK				
90.95	91.15		Sericitiziation	pat	WK	SERI	WK	QZ	WK				
91.50	92.60		Phyllic	mass	STG	SERI	MOD	QZ	STG	PY	MOD		
96.00	96.20		Sericitiziation	mass	MOD	SERI		QZ					
96.20	96.85		Sericitiziation	mass	WK	SERI		QZ					
96.85	99.60		Phyllic	mass	STG	SERI		QZ		PY			
99.60	100.35		Sericitiziation	mass	WK	SERI							
101.39	101.53		Sericitiziation	mass	STG	SERI							
104.68	124.00		Phyllic	mass	STG	SERI		QZ		PY			
124.00	125.16		Sericitiziation	bd	MOD	SERI		QZ					
125.16	128.90		Sericitiziation	mass	WK	SERI		QZ					
128.90	129.45		Phyllic	mass	STG	SERI		QZ		PY			
129.45	130.12		Sericitiziation	mass	WK	SERI							
130.12	133.80		Phyllic	mass	STG	SERI		QZ		PY			
134.00	140.83		Phyllic	bd	MOD	SERI		QZ		PY			
140.83	144.45		Phyllic	mass	MOD	SERI		QZ		PY			
144.45	145.06		Phyllic	pat	MOD	SERI		QZ		PY			
145.06	156.40		Phyllic	mass	MOD	SERI		QZ		PY			
156.40	164.00		Phyllic	mass	STG	SERI		QZ		PY			
173.26	178.31		Phyllic	pat	WK	SERI		QZ		PY			
189.00	190.80		Phyllic	pat	WK	SERI		QZ		PY			
199.90	201.40		Phyllic	mass	WK	QZ		PY		SERI			
251.67	252.00		Silicic/Silicification	mass	WK	QZ		PY					
259.00	266.85		Silicic/Silicification	mass	WK	QZ		PY					
269.20	270.66		Phyllic	pat	MOD	QZ		SERI		PY			

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
5.90	7.30		QZ/CARB	Planar Veins	WK	1	
8.40	9.17		QZ/CARB	Planar Veins	WK	2	
9.45	11.00		QZ/CARB	Irregular/deformed/segmented	WK	2	
12.85	13.50		QZ/CARB	Planar Veins	WK	4	
24.25	33.15		QZ/CARB	Irregular/deformed/segmented	WK	1	
39.30	39.60		QZ/CARB/PY	Planar Veins	STG	270	
40.37	42.46		QZ/CARB	Planar Veins	WK	2	
43.30	44.20		QZ	Planar Veins	WK	5	
46.10	46.80		QZ	Irregular/deformed/segmented	WK	2	
46.80	46.90		QZ/PY/CARB	Irregular/deformed/segmented	STG	4	
46.90	48.25		QZ	Irregular/deformed/segmented	WK	2	
52.19	52.30		QZ	Planar Veins	STG	14	
56.18	57.18		QZ/CARB	Irregular/deformed/segmented	WK	5	
57.80	58.50		QZ	Planar Veins	WK	3	
59.17	60.15		QZ	Irregular/deformed/segmented	WK	1	
60.95	63.50		QZ/CARB	Irregular/deformed/segmented	WK	2	
66.36	66.87		QZ	Irregular/deformed/segmented	WK	2	
67.43	67.90		QZ	Irregular/deformed/segmented	WK	3	
83.70	84.40		QZ/CARB	Irregular/deformed/segmented	WK	1	
85.15	85.50		QZ/CARB	Planar Veins	WK	1	
92.25	92.80		QZ/CARB	Irregular/deformed/segmented	WK	2	
94.86	96.00		QZ/CARB	Irregular/deformed/segmented	WK	3	
98.18	98.85		QZ/CARB	Irregular/deformed/segmented	WK	2	
105.35	105.77		QZ/GN/SP	Planar Veins	MOD	7	galena, sphalerite
105.77	107.20		QZ/CARB	Irregular/deformed/segmented	WK	2	
108.79	109.50		QZ/CARB	Irregular/deformed/segmented	STG	50	
112.85	113.00		QZ/CARB	Laminated Veins	STG	25	
115.39	115.49		QZ/CARB	Laminated Veins	STG	8	
116.74	120.20		QZ/CARB	Irregular/deformed/segmented	WK	1	
120.20	121.75		QZ/CARB	Irregular/deformed/segmented	MOD	5	galena
			QZ/PY/GN	Irregular/deformed/segmented	MOD	20	
124.10	127.24		QZ/CARB	Irregular/deformed/segmented	WK	2	
128.10	133.00		QZ/CARB	Irregular/deformed/segmented	WK	3	
133.85	133.92		QZ/CARB	Laminated Veins	STG	33	
134.44	140.69		QZ/PY	Irregular/deformed/segmented	WK	3	
140.94	142.30		QZ/CARB	Irregular/deformed/segmented	MOD	7	
			QZ/PY	Planar Veins	WK	2	
143.00	144.40		QZ/CARB	Planar Veins	WK	1	
144.40	144.50		QZ/SP/GN/PY	Planar Veins	STG	9	galena sphalerite
145.72	146.00		QZ/PY	Irregular/deformed/segmented	MOD	2	
146.05	147.77		QZ/PY/SP/GN	Planar Veins	MOD	50	galena sphalerite/in late fractures
151.70	152.58		QZ/CARB	Irregular/deformed/segmented	WK	2	
154.85	156.25		QZ/CARB	Irregular/deformed/segmented	WK	2	
160.63	164.00		QZ/CARB	Irregular/deformed/segmented	MOD	10	
164.67	164.90		QZ/PY	Irregular/deformed/segmented	MOD	15	
168.46	168.88		QZ/CARB	Planar Veins	WK	4	
174.13	178.26		QZ/CARB/PY	Irregular/deformed/segmented	WK	2	
180.29	181.00		QZ/CARB	Planar Veins	MOD	10	
199.90	201.30		QZ	Irregular/deformed/segmented	WK	4	
205.20	208.75		QZ/PY	Planar Veins	WK	2	

212.55	214.68	QZ/PY	Planar Veins	WK	4
215.35	217.27	QZ	Irregular/deformed/segmented	WK	2
222.70	224.00	QZ	Irregular/deformed/segmented	MOD	3
227.50	232.00	QZ	Irregular/deformed/segmented	WK	1
239.25	239.30	QZ	Laminated Veins	STG	50
240.84	244.00	QZ	Irregular/deformed/segmented	WK	2
246.30	249.30	QZ	Planar Veins	WK	3
250.63	250.78	QZ	Irregular/deformed/segmented	STG	10
252.50	252.55	QZ	Laminated Veins	STG	50
253.10	253.70	QZ	Planar Veins	MOD	4
257.60	266.16	QZ	Irregular/deformed/segmented	WK	2
267.60	268.80	QZ/CARB	Irregular/deformed/segmented	MOD	5
270.00	270.55	QZ	Laminated Veins	MOD	50
271.47	271.74	QZ	Planar Veins	MOD	5
273.10	275.00	QZ	Planar Veins	WK	2

Structure

From	To m	Structure	Intensity	Comments
5.79	7.30	undivided foliation-cleavage	MOD	
7.30	7.62	fracture zone	MOD	
		undivided foliation-cleavage	MOD	
7.62	8.50	fracture zone	WK	
		undivided foliation-cleavage	MOD	
8.50	8.65	fault zone		
		fracture zone	STG	
8.65	9.05	undivided foliation-cleavage	WK	
9.05	9.15	fault zone		
		fracture zone	STG	
9.15	9.45	fracture zone	WK	
		undivided foliation-cleavage	WK	
9.45	10.30	fracture zone	STG	
10.30	10.60	undivided foliation-cleavage	WK	
10.60	11.00	fracture zone	MOD	
11.00	15.15	fracture zone	WK	
		undivided foliation-cleavage	WK	
15.15	15.70	fracture zone	MOD	
15.70	15.90	undivided foliation-cleavage	WK	
15.90	16.05	cataclastic		
16.05	18.90	undivided foliation-cleavage	WK	
18.90	19.30	fracture zone	MOD	
19.30	19.90	fault gouge / clay/ pug		
19.90	21.50	fracture zone	MOD	
		undivided foliation-cleavage	WK	
21.50	23.77	fracture zone	STG	
23.77	24.00	fracture zone	MOD	
		undivided foliation-cleavage	WK	
24.00	26.95	fracture zone	WK	
		undivided foliation-cleavage	WK	
26.95	27.05	fracture zone	STG	
27.05	30.18	fracture zone	WK	
		undivided foliation-cleavage	WK	
30.18	30.78	fracture zone	MOD	
		undivided foliation-cleavage	WK	
30.78	36.13	fracture zone	WK	

		undivided foliation-cleavage	WK
36.13	37.90	fracture zone	STG
37.90	39.60	cataclastic	STG
39.60	53.00	fracture zone	WK
		undivided foliation-cleavage	WK
53.00	53.35	fracture zone	STG
53.35	58.43	fracture zone	WK
		undivided foliation-cleavage	WK
58.43	58.91	fracture zone	STG
58.91	70.45	fracture zone	WK
		undivided foliation-cleavage	WK
70.45	70.62	fracture zone	STG
70.62	72.10	fracture zone	WK
		undivided foliation-cleavage	WK
72.10	72.18	fracture zone	STG
72.18	86.60	fracture zone	WK
		undivided foliation-cleavage	WK
86.60	87.75	fracture zone	MOD
		undivided foliation-cleavage	WK
87.75	89.80	fracture zone	WK
		undivided foliation-cleavage	WK
89.80	90.08	fracture zone	MOD
		undivided foliation-cleavage	WK
90.08	90.80	fracture zone	WK
		undivided foliation-cleavage	WK
90.80	92.60	fracture zone	MOD
		undivided foliation-cleavage	WK
92.60	98.40	fracture zone	WK
		undivided foliation-cleavage	WK
98.40	98.70	fracture zone	STG
98.70	101.39	fracture zone	MOD
101.39	101.50	fracture zone	STG
101.50	110.55	fracture zone	WK
		undivided foliation-cleavage	WK
110.55	112.00	fracture zone	STG
112.00	121.00	fracture zone	WK
		undivided foliation-cleavage	WK
		fault gouge / clay/ pug	MOD
121.00	121.40	fracture zone	STG
121.40	122.70	fracture zone	MOD
		undivided foliation-cleavage	WK
122.70	123.25	fracture zone	STG
123.25	123.85	fracture zone	MOD
		undivided foliation-cleavage	WK
123.85	124.00	fracture zone	STG
		fault gouge / clay/ pug	MOD
124.00	124.45	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	STG
124.45	125.50	fracture zone	MOD
		undivided foliation-cleavage	WK
125.50	130.50	fracture zone	WK
		undivided foliation-cleavage	WK
130.50	130.60	fracture zone	STG

130.60	136.50	fracture zone	WK
		undivided foliation-cleavage	WK
136.50	137.40	fracture zone	STG
137.40	138.68	fracture zone	MOD
		undivided foliation-cleavage	WK
138.68	138.90	fracture zone	STG
138.90	140.85	fracture zone	MOD
		undivided foliation-cleavage	WK
140.65	141.82	fracture zone	WK
		undivided foliation-cleavage	WK
141.82	141.88	fracture zone	STG
141.88	144.50	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	STG
144.50	144.68	fracture zone	STG
144.68	144.90	fracture zone	MOD
		undivided foliation-cleavage	WK
144.90	145.00	fracture zone	STG
		cataclastic	STG
145.00	155.43	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	MOD
155.43	155.65	fracture zone	STG
155.65	158.50	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	MOD
158.50	160.82	fracture zone	STG
		fault gouge / clay/ pug	MOD
		cataclastic	MOD
160.82	163.07	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	MOD
163.07	164.83	fracture zone	MOD
		undivided foliation-cleavage	WK
164.83	174.38	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	WK
174.38	174.58	fracture zone	MOD
		undivided foliation-cleavage	WK
174.58	176.40	fracture zone	WK
		undivided foliation-cleavage	WK
176.40	176.91	fracture zone	MOD
		undivided foliation-cleavage	WK
176.91	186.90	fracture zone	WK
		undivided foliation-cleavage	WK
186.90	187.30	fracture zone	STG
187.30	189.00	fracture zone	WK
		undivided foliation-cleavage	WK
189.00	190.80	fault gouge / clay/ pug	
		cataclastic	
190.80	196.65	fracture zone	WK
		undivided foliation-cleavage	WK
196.65	197.10	fracture zone	MOD
		undivided foliation-cleavage	WK

197.10	199.90	fracture zone	WK
		undivided foliation-cleavage	WK
199.90	200.56	fault gouge / clay/ pug	
		cataclastic	
200.56	201.30	fracture zone	STG
201.30	210.00	fracture zone	WK
		undivided foliation-cleavage	WK
210.00	210.40	fracture zone	MOD
		undivided foliation-cleavage	WK
210.40	227.62	fracture zone	WK
		undivided foliation-cleavage	WK
227.62	227.76	breccia	STG
227.76	251.05	fracture zone	WK
		undivided foliation-cleavage	WK
251.05	251.70	fracture zone	MOD
251.70	267.70	fracture zone	WK
		undivided foliation-cleavage	WK
		bedding / bedded	WK
267.70	268.25	fracture zone	MOD
268.25	268.55	cataclastic	STG
268.55	276.30	fracture zone	WK
		undivided foliation-cleavage	WK

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge	Dipl Plunge Dir.	Reliability	Comments
6.20		Foliation	60.0								
11.00		Foliation	66.0								
13.40		Bedding	71.0								
15.00		Foliation	62.0								
20.00		Foliation	54.0								
25.10		Foliation	51.0								
27.50		Bedding	79.0								
30.00		Bedding	55.0								
30.00		Foliation	45.0								
34.20		Younging - graded bedding					D				
34.50		Bedding	56.0								
35.00		Foliation	55.0								
39.50		quartz vein	59.0								
40.00		Foliation	62.0								
40.10		Younging - graded bedding					D				
45.00		Bedding	64.0								
45.05		Younging - graded bedding					D				
45.10		Foliation	55.0								
50.00		Foliation	61.0								
52.25		quartz vein	70.0								
55.00		Foliation	66.0								
56.45		quartz vein	49.0								
59.45		Bedding	71.0								
60.10		Foliation	55.0								
65.00		Foliation	53.0								
70.00		Foliation	74.0								
73.90		Bedding	68.0								
73.90		Foliation	56.0								

80.10	Foliation	52.0		
85.00	Foliation	67.0		
90.00	Foliation	54.0		
94.00	Bedding	58.0		
100.00	Foliation	54.0		
105.00	Foliation	57.0		
105.36	sulphide vein	47.0		sphalerite galena
108.00	Foliation	56.0		
112.95	quartz vein	52.0		
115.00	Foliation	51.0		
118.80	Fault plane	76.0		
120.00	Foliation	52.0		
121.20	Fault plane	75.0		
121.70	sulphide vein	20.0		galena
124.10	Bedding	56.0		
124.10	Younging - graded bedding		U	
124.15	Foliation	60.0		
124.20	Younging - graded bedding		U	
124.30	Younging - graded bedding		U	
130.00	Foliation	50.0		
133.90	quartz vein	80.0		
135.50	Foliation	62.0		
136.32	Fault plane	48.0		
137.20	Fault plane	68.0		
137.90	Fault plane	72.0		
138.85	Fault plane	58.0		
140.00	Foliation	62.0		
140.80	Bedding	52.0		
144.35	Bedding	62.0		
144.95	Fault plane	71.0		
145.00	Foliation	50.0		
146.28	sulphide vein	12.0		galena sphalerite
146.50	sulphide vein	22.0		galena sphalerite
147.70	sulphide vein	39.0		galena sphalerite
150.00	Foliation	48.0		
160.80	Fault plane	66.0		
164.00	quartz vein	68.0		
167.00	Foliation	49.0		
172.00	Foliation	49.0		
177.00	Foliation	44.0		
187.60	Foliation	62.0		
189.10	Fault plane	85.0		
192.20	Foliation	62.0		
197.20	Foliation	55.0		
200.25	Fault plane	52.0		
202.50	Bedding	60.0		
207.20	Fault plane	40.0		
209.10	Foliation	61.0		
211.60	Bedding	78.0		
214.90	Bedding	44.0		
215.00	Foliation	53.0		
224.90	Bedding	50.0		
227.70	quartz vein	54.0		
248.00	Foliation	68.0		

251.50	quartz vein	75.0
254.20	Foliation	60.0
259.80	Foliation	56.0
263.20	Foliation	40.0
267.50	Bedding	52.0
267.50	Foliation	58.0
270.10	Fault plane	48.0
272.20	Foliation	68.0

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
39.60	39.93	5	pyrite	diss	5							
48.00	49.00	5	pyrite	blb	5							Subhedral pyrite with quartz pressure shadows.
52.15	52.95	3	pyrite	blb	3							Subhedral pyrite with quartz pressure shadows.
57.45	58.50	3	pyrite	blb	3							Subhedral pyrite with quartz pressure shadows.
68.95	70.10	3	pyrite	blb	3							Subhedral pyrite with quartz pressure shadows.
85.16	85.50	4	pyrite	blb	4							Subhedral pyrite with quartz pressure shadows.
91.00	92.60	5	pyrite	diss	1	pyrite	blb	2	pyrite	ff	2	Subhedral pyrite with quartz pressure shadows.
93.78	94.50	2	pyrite	blb	2							Subhedral pyrite with quartz pressure shadows.
104.25	129.50	3	pyrite	blb	1	pyrite	diss	1	pyrite	ff	1	Subhedral pyrite with quartz pressure shadows.
129.50	149.90	5	pyrite	blb	2	pyrite	diss	2	pyrite	ff	1	Subhedral pyrite with quartz pressure shadows.
149.90	159.41	2	pyrite	blb	1	pyrite	diss	1				
159.41	163.00	2	pyrite	diss								
163.00	165.00	2	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
169.70	179.60	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
183.00	189.00	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
189.00	189.89	2	pyrite	diss								
190.80	195.05	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
198.00	199.20	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
199.90	201.20	2	pyrite	diss								
202.20	206.30	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
207.00	215.70	4	pyrite	diss	2	pyrite	blb	2				
217.00	243.20	3	pyrite	blb	2	pyrite	diss	1				Subhedral pyrite with quartz pressure shadows.
247.90	248.70	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
249.90	255.00	3	pyrite	blb								Subhedral pyrite with quartz pressure shadows.
259.25	269.20	3	pyrite	blb	2	pyrite	diss	1				Subhedral pyrite with quartz pressure shadows.
269.20	271.00	4	pyrite	blb	2	pyrite	diss	2				Subhedral pyrite with quartz pressure shadows.
271.00	276.30	2	pyrite	blb								Subhedral pyrite with quartz pressure shadows.

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
5.79	7.62	135681	CORE_HALF	0.0073		7.3	104	24.32	4.88	112.3	11.6	126.6	-5	0.4	1908
7.62	9.45	135682	CORE_HALF	0.0009		0.9	78	16.37	1.63	110.7	0.8	135	-5	0.08	1552
9.45	10.67	135683	CORE_HALF	0.0015		1.5	84	17.65	2.93	124.9	2.1	167.2	-5	0.09	2294
10.67	12.00	135684	CORE_HALF	0.0004		0.4	42	11.84	1.52	107.9	0.3	1157.7	-5	0.15	1623
12.00	14.00	135685	CORE_HALF	0.0021		2.1	24	2.06	2.3	92.6	0.2	2216	-5	0.27	1991
14.00	16.00	135686	CORE_HALF	0.002		2	23	2.71	2.79	118.4	0.2	1445	-5	0.26	1004
16.00	18.00	135687	CORE_HALF	0.0018		1.8	36	5.12	2.9	111.3	0.2	2244.9	-5	0.22	1281
18.00	19.00	135688	CORE_HALF	0.0044		4.4	109	9.26	4.36	88.2	0.1	811.1	-5	0.14	1002
19.00	20.00	135689	CORE_HALF	0.01		10	166	6.27	7.83	68.2	2.3	1300.5	23	0.24	619
20.00	22.00	135690	CORE_HALF	0.0071		7.1	121	6.21	3.26	80.2	0.1	646.5	12	0.1	770

22.00	24.00	135691	CORE_HALF	0.0044	4.4	170	11.65	15.31	86.4	1.2	186.8	-5	0.13	471
24.00	26.00	135692	CORE_HALF	0.0059	5.9	134	13.51	2.07	70.9	-0.1	316.3	-5	0.2	402
26.00	28.00	135693	CORE_HALF	0.0061	6.1	110	6.25	3.19	73.1	-0.1	210	-5	0.21	441
28.00	30.18	135694	CORE_HALF	0.0051	5.1	97	10.33	3.03	64.9	-0.1	253.4	-5	0.17	961
30.18	32.00	135695	CORE_HALF	0.0014	1.4	61	10.03	4.83	66.6	0.1	1178	6	0.47	1356
32.00	34.00	135696	CORE_HALF	0.0047	4.7	60	5.8	4.38	82.5	1.6	349.8	-5	0.28	968
34.00	36.00	135697	CORE_HALF	0.0007	0.7	62	11.45	5.8	101.8	0.6	169.7	6	0.18	1133
		135698	CORE_HALF	0.0014	1.4	84	10.3	15.69	104.4	3.1	161.7	5	0.72	1064
36.00	36.88	135699	CORE_HALF	0.0035	3.5	201	16.56	5.73	83.7	0.9	184	24	0.27	484
36.88	37.80	135700	CORE_HALF	0.004	4	165	8.7	9.5	88.8	9.7	470.4	9	0.53	1589
37.80	39.93	135701	CORE_HALF	0.0563	56.3	157	3.87	16.88	102.7	16.2	150.2	64	0.28	4368
39.93	42.00	135702	CORE_HALF	0.0048	4.8	15	2.58	3.14	86.2	1.2	1361.6	-5	0.34	1212
42.00	44.00	135703	CORE_HALF	0.0011	1.1	17	4.95	2.93	76.7	1.6	1441.2	-5	0.3	1192
44.00	46.00	135704	CORE_HALF	0.0071	7.1	25	5.24	2.78	62.4	1.1	1891.7	-5	0.39	1001
46.00	48.00	135705	CORE_HALF	0.0165	16.5	41	28.93	4.89	52.4	4.2	182.3	-5	0.19	1144
48.00	50.00	135706	CORE_HALF	0.0084	8.4	41	21.79	3.53	66	5.7	153.5	-5	0.29	1223
50.00	52.00	135707	CORE_HALF	0.0054	5.4	17	3.36	1.73	66.9	0.7	258	6	0.22	876
52.00	54.00	135708	CORE_HALF	0.0033	3.3	38	9.16	2.39	77.5	1.4	603.4	6	0.2	769
54.00	56.00	135709	CORE_HALF	0.0387	38.7	28	4	1.7	73.7	0.6	416.4	-5	0.15	888
56.00	58.00	135710	CORE_HALF	0.0114	11.4	37	19.18	3.31	83.1	1.7	303.7	-5	0.24	1244
58.00	60.00	135711	CORE_HALF	0.0323	32.3	59	16.82	2.61	83.1	2.5	363.2	6	0.28	1314
60.00	62.00	135712	CORE_HALF	0.0104	10.4	35	1.6	1.2	98	0.3	589.6	5	0.17	998
62.00	64.00	135713	CORE_HALF	0.0243	24.3	162	9.26	2.62	91.7	5.8	887.3	-5	0.2	1029
64.00	66.00	135714	CORE_HALF	0.0164	16.4	133	7.13	6.04	123.3	4.2	162.4	8	0.23	1167
66.00	68.00	135715	CORE_HALF	0.0201	20.1	57	8.92	5.21	92.2	2.2	168.6	8	0.2	1785
68.00	70.00	135716	CORE_HALF	0.0009	0.9	19	2.47	2.03	90.3	0.2	195.6	9	0.13	1377
70.00	71.60	135717	CORE_HALF	0.0252	25.2	71	4.81	8.96	75.5	20	212.1	13	0.22	1307
71.60	73.00	135718	CORE_HALF	0.087	87	104	3.12	25.03	90	18.8	144.6	7	0.2	1602
73.00	75.00	135719	CORE_HALF	0.0013	1.3	23	4.59	2.87	84.4	0.3	238.4	-5	0.1	2149
75.00	77.00	135720	CORE_HALF	0.0009	0.9	40	2.65	1.64	73.4	-0.1	175.9	-5	0.14	1060
77.00	79.00	135721	CORE_HALF	-0.0002	-0.2	30	3.74	3.37	52.1	0.6	163	-5	0.12	1262
79.00	81.00	135722	CORE_HALF	0.0222	22.2	53	4.51	4.46	62	2.4	156.3	19	0.15	1608
81.00	83.00	135723	CORE_HALF	0.0053	5.3	57	5.22	4.53	77	2.9	168.4	38	0.14	1747
83.00	85.00	135724	CORE_HALF	0.0019	1.9	75	4.82	5.28	77.1	6.2	282.1	48	0.17	1519
85.00	87.00	135726	CORE_HALF	0.0126	12.6	66	4.16	12.5	109	20.2	432.1	58	0.46	1556
		135725	CORE_HALF	0.0026	2.6	50	5.15	8.91	102	17	218.9	52	0.35	1636
87.00	89.00	135727	CORE_HALF	0.0013	1.3	25	3.66	2.31	72.9	4.1	157.5	98	0.16	1221
89.00	90.00	135728	CORE_HALF	0.001	1	18	2.44	1.12	70.7	7.4	119.1	38	0.18	1183
90.00	91.00	135729	CORE_HALF	0.0024	2.4	37	2.39	3.26	63.4	15	186.4	78	0.51	1437
91.00	92.00	135730	CORE_HALF	0.0323	32.3	229	152.58	7.52	53.7	77	51.6	50	3.25	1793
92.00	93.00	135731	CORE_HALF	0.1445	144.5	1123	1429	3.53	56.2	6.9	117.2	34	0.27	1549
93.00	94.75	135732	CORE_HALF	0.0014	1.4	137	103.29	0.86	55.2	1.6	119	18	0.13	1347
94.75	96.00	135733	CORE_HALF	0.0173	17.3	78	24.13	1.24	54.1	4.9	121.4	11	0.11	1560

96.00	97.00	135734	CORE_HALF	0.0047	4.7	99	6.51	1.93	52	4.1	96.5	63	0.25	1638
97.00	98.00	135735	CORE_HALF	0.0064	6.4	42	3.54	1.96	58	7.7	117.4	50	0.26	2008
98.00	99.00	135736	CORE_HALF	0.0137	13.7	55	9.12	4.13	52.6	12.7	139.7	27	0.41	2238
99.00	100.00	135737	CORE_HALF	0.0124	12.4	29	2.9	3.78	51.6	4.2	126.3	28	0.28	2232
100.00	102.00	135738	CORE_HALF	0.0278	27.8	21	2.25	1.82	55.2	2.5	144.4	31	0.18	1723
102.00	104.00	135739	CORE_HALF	0.0075	7.5	12	2.47	1.11	62.6	3.1	116.7	23	0.16	1828
104.00	105.00	135740	CORE_HALF	0.0053	5.3	26	8.46	2.38	69.4	3	122.7	22	0.2	2070
105.00	106.00	135741	CORE_HALF	0.0218	21.8	235	26.54	340.42	756.9	9.1	59.1	305	0.44	1996
106.00	107.00	135742	CORE_HALF	0.033	33	34	12.12	8.57	72.9	3.6	70.2	27	0.18	2652
107.00	108.00	135743	CORE_HALF	0.0104	10.4	42	19.82	4.71	85.7	4	127.4	36	0.17	2004
108.00	109.00	135744	CORE_HALF	0.0134	13.4	45	16.8	9.05	74.4	2.4	111.9	29	0.16	3096
109.00	109.90	135745	CORE_HALF	0.0123	12.3	45	17.8	23.82	100.3	3.5	122.7	36	0.15	4959
109.90	110.64	135746	CORE_HALF	0.0282	28.2	276	42.69	402.77	500.9	15.8	42	205	0.42	2994
110.64	112.00	135747	CORE_HALF	0.0585	58.5	498	36.52	1193.8	535.1	21.4	46.8	197	0.7	1739
112.00	113.00	135748	CORE_HALF	0.0256	25.6	165	17.55	219.31	334.3	21	75.6	115	0.48	2308
113.00	114.00	135749	CORE_HALF	0.0139	13.9	71	10.79	32.32	106.7	20.4	96.8	40	0.36	2992
		135750	CORE_HALF	0.0115	11.5	58	7.54	20.6	80.5	22.5	89.5	36	0.42	2758
114.00	115.00	135751	CORE_HALF	0.0062	6.2	65	10.77	32.83	109.5	6.7	125.4	27	0.2	2672
115.00	116.00	135752	CORE_HALF	0.0129	12.9	221	29.61	286.54	472.7	11.8	87.2	125	0.53	2535
116.00	117.00	135753	CORE_HALF	0.0516	51.6	153	11.89	94.44	202.3	63	103.7	77	0.47	2240
117.00	118.00	135754	CORE_HALF	0.0793	79.3	576	42.54	791.91	1555.3	80.3	42.8	517	0.99	1759
118.00	119.00	135755	CORE_HALF	0.2141	214.1	430	18.58	45.2	162.5	142	41.8	70	1.63	1417
119.00	120.00	135756	CORE_HALF	0.0309	30.9	189	65.89	65.17	209.8	21.7	98.2	53	0.58	2253
120.00	121.00	135757	CORE_HALF	0.0157	15.7	121	24.58	11.95	98.6	23.8	52.8	40	0.37	1677
121.00	122.00	135758	CORE_HALF	0.4606	460.6	1142	82.05	1492.8	1331.9	123	46.7	493	1.54	2728
122.00	123.14	135759	CORE_HALF	0.0119	11.9	212	23.49	7.88	61.5	9.7	152.1	71	0.34	1503
123.14	124.05	135760	CORE_HALF	0.0065	6.5	374	26.7	3.69	42.8	5.5	118.2	19	0.22	3155
124.05	125.00	135761	CORE_HALF	0.007	7	396	13.39	3.9	56.6	8.3	159.7	21	0.22	2230
125.00	126.00	135762	CORE_HALF	0.0262	26.2	78	3.22	4.24	73.2	9.2	108.4	23	0.29	2371
126.00	127.00	135763	CORE_HALF	0.0515	51.5	188	2.23	397.1	587.1	19.9	107.2	203	0.35	1828
127.00	128.00	135764	CORE_HALF	0.0054	5.4	89	1.98	127.06	222.4	10.9	121.5	71	0.27	2197
128.00	129.00	135765	CORE_HALF	0.014	14	35	2.36	29.53	89.6	7.9	131.9	23	0.2	2466
129.00	130.00	135766	CORE_HALF	0.0119	11.9	23	2	4.79	45.7	8.2	123.4	5	0.23	2261
130.00	131.00	135767	CORE_HALF	0.3135	313.5	921	16.68	2405	857.6	73.8	52	240	1.06	1404
131.00	132.00	135768	CORE_HALF	0.3499	349.9	365	6.62	291.16	603.8	81.9	54.6	197	0.58	1370
132.00	133.00	135769	CORE_HALF	0.1202	120.2	185	7.65	98.64	108.9	52.8	47	40	0.42	1546
133.00	134.00	135770	CORE_HALF	0.0049	4.9	172	24.23	30.05	95.5	27.8	113.1	44	0.51	1626
134.00	135.00	135771	CORE_HALF	0.0023	2.3	100	10.96	25.2	143.8	33.3	112.1	58	0.45	2690
135.00	136.00	135772	CORE_HALF	0.0551	55.1	257	27.08	32.13	116.6	47.4	107.4	53	0.57	2456
136.00	137.16	135773	CORE_HALF	0.1314	131.4	152	48.72	5.11	56.3	63.9	51.5	32	0.46	1874
137.16	138.00	135774	CORE_HALF	0.0287	28.7	101	11.26	69.46	134.5	16.6	111.5	46	0.24	2393
138.00	139.00	135775	CORE_HALF	0.0346	34.6	211	9.54	8.79	79.5	20.8	102.5	21	0.22	2343
139.00	140.00	135776	CORE_HALF	0.0085	8.5	57	3.24	10.31	101.5	20.7	90.8	26	0.2	2141

		135777	CORE_HALF	0.009	9	65	2.62	12.54	123.7	20.9	91.3	27	0.23	2322
140.00	140.85	135778	CORE_HALF	0.0092	9.2	49	1.69	12.25	71.9	12.7	102.6	16	0.22	1590
140.85	142.00	135779	CORE_HALF	0.0345	34.5	88	1.76	90.62	112.9	20.8	58.2	45	0.27	1423
142.00	143.00	135780	CORE_HALF	0.0263	26.3	200	3.76	285.01	368.3	16.8	45.1	107	0.45	1647
143.00	144.00	135781	CORE_HALF	0.0417	41.7	234	3.42	637.01	935.1	4.9	41.2	290	0.34	2329
144.00	145.00	135782	CORE_HALF	0.0364	36.4	450	4.23	1081.9	1729.7	16.9	32.6	521	0.69	2607
145.00	146.00	135783	CORE_HALF	0.0476	47.6	208	4.87	289.39	517.5	60.2	68.8	127	0.78	1260
146.00	147.00	135784	CORE_HALF	0.6	0.6	533.5	2741	20.38	7016.1	8401.4	125.8	35.5	1976	2.09	1279
147.00	148.00	135785	CORE_HALF	0.059	59	116	4.29	103.75	233.3	43.6	89.2	61	0.28	857
148.00	149.00	135786	CORE_HALF	0.0151	15.1	52	5.65	20.69	67.6	13.4	45.2	15	0.22	2426
149.00	150.00	135787	CORE_HALF	0.0085	8.5	30	3.08	3.53	41.3	8	121.8	11	0.27	2119
150.00	152.00	135788	CORE_HALF	0.0294	29.4	34	3.17	3.11	51.3	6.5	129.5	9	0.18	2050
152.00	154.00	135789	CORE_HALF	0.0228	22.8	32	2.04	2.3	50.8	14.8	118.3	11	0.23	1550
154.00	156.00	135790	CORE_HALF	0.0525	52.5	73	2.32	5.98	42.6	49.3	100.3	10	0.35	1717
156.00	157.00	135791	CORE_HALF	0.035	35	43	1.55	3.19	40.5	31.6	108.8	13	0.2	1475
157.00	158.00	135792	CORE_HALF	0.0179	17.9	52	1.77	3.09	35	20.7	110.9	26	0.19	1224
158.00	159.41	135793	CORE_HALF	0.0168	16.8	49	1.74	2.72	36.3	17.6	72	21	0.33	1415
159.41	160.63	135794	CORE_HALF	0.0469	46.9	136	2.84	3.82	41.1	49.3	54.8	19	0.59	1149
160.63	162.00	135795	CORE_HALF	0.0868	86.8	158	8.09	81.45	151.5	75.4	52.8	63	0.48	4837
162.00	163.00	135796	CORE_HALF	0.1053	105.3	137	5.06	8.67	76.6	72	97.9	49	0.51	2725
163.00	164.00	135797	CORE_HALF	1.44	1.44	1409.9	481	35.09	12.49	70	141.4	85.9	26	0.47	2910
164.00	166.00	135798	CORE_HALF	0.044	44	54	13.51	2.3	76.2	17	102.9	9	0.22	1817
166.00	168.00	135799	CORE_HALF	0.0333	33.3	14	1.72	0.64	77	1.8	130.9	8	0.12	1791
		135800	CORE_HALF	0.0132	13.2	9	1.69	0.92	80.9	1.6	116.2	5	0.1	1782
168.00	170.00	135801	CORE_HALF	0.0361	36.1	15	1.57	0.77	84.6	3.9	106.1	10	0.16	1741
170.00	172.00	135802	CORE_HALF	0.0095	9.5	12	2.81	0.76	81.5	1.1	90.3	5	0.12	1988
172.00	174.00	135803	CORE_HALF	0.0337	33.7	57	18.51	2.42	78	18.4	95.8	-5	0.21	2210
174.00	175.00	135804	CORE_HALF	0.0399	39.9	32	2.82	1.7	67.3	28.5	95.6	8	0.25	2189
175.00	176.00	135805	CORE_HALF	0.0394	39.4	41	4.39	2.87	85.2	45.1	108.5	15	0.2	1944
176.00	177.00	135806	CORE_HALF	0.0727	72.7	48	4.94	2.49	51.4	51.6	53.5	9	0.25	1857
177.00	178.00	135807	CORE_HALF	1.82	1.82	1572	510	11.99	15.19	59.6	140	48.4	33	0.67	1331
178.00	180.00	135808	CORE_HALF	0.094	94	90	24.2	2.88	61.8	24.5	125.6	12	0.24	1495
180.00	182.00	135809	CORE_HALF	0.0559	55.9	63	26.68	1.16	48.5	2	248.4	16	0.13	1743
182.00	184.00	135810	CORE_HALF	0.0408	40.8	23	3.8	1.23	52.1	1.8	436	12	0.15	1592
184.00	186.00	135811	CORE_HALF	0.11	110	50	2.82	0.89	63.5	2.6	216.5	8	0.12	1670
186.00	187.30	135812	CORE_HALF	0.0093	9.3	16	3.28	0.9	61.5	2.2	191.7	6	0.11	1707
187.30	189.00	135813	CORE_HALF	0.0333	33.3	44	5.05	1.99	59.4	10	121	9	0.2	2117
189.00	191.00	135814	CORE_HALF	0.0502	50.2	65	3.54	2.61	60.8	34.1	202.2	32	0.45	2678
191.00	193.00	135815	CORE_HALF	0.0599	59.9	150	53.47	3.08	70.3	32.3	95.8	14	0.42	2134
193.00	195.00	135816	CORE_HALF	0.0578	57.8	169	74.87	2.71	64.6	29.8	114.6	53	0.73	2301
195.00	197.20	135817	CORE_HALF	0.036	36	43	6.25	1.5	60.3	26.6	168.6	-5	0.22	1665
197.20	199.00	135818	CORE_HALF	0.0079	7.9	45	8.06	11.24	62.3	13.8	128.7	-5	0.22	1947
199.00	199.90	135819	CORE_HALF	0.0321	32.1	207	101.52	1.75	50.6	23.8	104.7	116	1.04	1302

199.90	200.56	135820	CORE_HALF	0.0643	64.3	230	8.78	6.72	64.1	56.8	42.2	59	0.89	2120
200.56	202.00	135821	CORE_HALF	0.0719	71.9	85	1.96	4.06	63.6	32.2	97	23	0.39	1971
202.00	204.00	135822	CORE_HALF	0.0116	11.6	27	3.04	1.56	79.2	8.4	128.5	6	1.04	1644
204.00	206.00	135823	CORE_HALF	0.061	61	32	3.14	1.36	48.3	10.3	130.3	11	0.22	1548
206.00	208.00	135824	CORE_HALF	0.0701	70.1	38	5.46	1.88	46.2	5.4	149.6	5	0.21	2164
208.00	210.00	135825	CORE_HALF	0.1334	133.4	93	5.67	3.35	57.1	17.7	85.6	7	0.36	1914
		135826	CORE_HALF	0.0903	90.3	68	4.25	3.03	57.6	15.5	84.2	7	0.37	1890
210.00	212.00	135827	CORE_HALF	0.0281	28.1	44	4.49	2.32	56.5	6	146.1	-5	0.26	1551
212.00	214.00	135828	CORE_HALF	0.6	0.6	588.4	161	9.07	4.9	42	18.8	69.4	16	0.33	1767
214.00	216.00	135829	CORE_HALF	0.1729	172.9	66	2.54	3	40.4	13.3	119.3	6	0.28	1715
216.00	218.00	135830	CORE_HALF	0.0164	16.4	13	1.4	1.2	54.7	3.9	164.8	-5	0.15	1701
218.00	220.00	135831	CORE_HALF	0.0153	15.3	10	1.49	1.21	57.4	0.8	274.9	-5	0.13	1341
220.00	222.00	135832	CORE_HALF	0.0733	73.3	33	2.21	1.92	52.1	4	137.6	5	0.18	1787
222.00	224.00	135833	CORE_HALF	0.047	47	37	1.92	3.12	40	17.6	94.6	-5	0.17	2395
224.00	226.00	135834	CORE_HALF	0.1271	127.1	46	1.85	3.19	46.8	17.2	122.3	-5	0.23	1752
226.00	228.00	135835	CORE_HALF	0.0465	46.5	45	1.7	3.6	50.3	25.9	102.9	-5	0.24	2836
228.00	230.00	135836	CORE_HALF	0.0291	29.1	25	1.43	2.33	51.9	17.7	122	-5	0.19	1957
230.00	232.00	135837	CORE_HALF	0.0424	42.4	48	1.8	4.03	48.3	29.5	84.3	-5	0.26	1756
232.00	234.00	135838	CORE_HALF	0.0612	61.2	37	1.92	2.54	59.5	11.8	133	7	0.2	2088
234.00	236.00	135839	CORE_HALF	0.009	9	10	1.32	1.63	67	1	202.4	5	0.29	1750
236.00	238.00	135840	CORE_HALF	0.0314	31.4	16	1.18	1.12	82.5	1.2	154.9	-5	0.09	1933
238.00	240.00	135841	CORE_HALF	0.0403	40.3	60	30.75	2.81	55.1	6.3	125.6	-5	0.19	1775
240.00	242.00	135842	CORE_HALF	0.043	43	35	4.43	2.81	64.3	4.1	132.3	-5	0.15	1640
242.00	244.00	135843	CORE_HALF	0.0245	24.5	13	2.72	1.39	68.9	1.2	214.5	-5	0.11	1603
244.00	246.00	135844	CORE_HALF	0.0488	48.8	11	1.7	0.79	76.5	0.6	1580.8	-5	0.11	1285
246.00	248.00	135845	CORE_HALF	0.0156	15.6	6	1.71	0.97	70.9	0.8	1029.6	-5	0.81	1269
248.00	250.00	135846	CORE_HALF	0.0818	81.8	41	10.48	2.02	52.7	4.2	162.4	-5	0.17	1479
250.00	252.00	135847	CORE_HALF	0.0436	43.6	55	3.21	3.24	119	13.5	55.1	5	0.22	3073
252.00	254.00	135848	CORE_HALF	0.0165	16.5	23	1.58	3.48	70	8.1	116.5	-5	0.23	2462
254.00	256.00	135849	CORE_HALF	0.0216	21.6	25	3.43	3.6	72.5	4.2	140.4	-5	0.17	2004
		135850	CORE_HALF	0.0145	14.5	25	2.89	3.8	71	4.4	127.6	6	0.17	2001
256.00	258.00	135851	CORE_HALF	0.0075	7.5	33	8.19	1.28	59.7	3.5	209.8	-5	0.22	1229
258.00	259.00	135852	CORE_HALF	0.0088	8.8	23	4.08	1.04	58.3	3.7	440.4	-5	0.14	1322
259.00	260.00	135853	CORE_HALF	0.005	5	26	3.7	2.25	39	4.8	162.6	7	0.2	892
260.00	261.00	135854	CORE_HALF	0.0864	86.4	38	3.55	1.64	44.2	5.4	157.1	-5	0.17	1522
261.00	262.00	135855	CORE_HALF	0.2168	216.8	93	7.5	2.58	44.2	24	47.2	5	0.24	1246
262.00	263.00	135856	CORE_HALF	0.0763	76.3	61	4.54	3.09	48.9	30.4	92.1	11	0.5	1009
263.00	264.00	135857	CORE_HALF	0.0632	63.2	135	5.52	3.86	64.4	29.5	45.9	10	0.41	1235
264.00	265.00	135858	CORE_HALF	0.0992	99.2	53	3.3	3.36	64.3	9.9	101.5	9	0.22	1531
265.00	266.00	135859	CORE_HALF	0.2673	267.3	98	3.62	4.32	52.1	23.2	84.2	9	0.19	1467
266.00	267.70	135860	CORE_HALF	0.101	101	90	3.13	4.23	47.9	32.4	44	9	0.27	1251
267.70	269.00	135861	CORE_HALF	0.1458	145.8	175	4.58	19.53	59.9	52	44.7	14	0.52	1664
269.00	270.00	135862	CORE_HALF	0.0246	24.6	30	1.78	3.51	71.7	10.6	114.5	9	0.09	3079

270.00	271.00	135863	CORE_HALF	0.1105	110.5	68	3.73	5.57	35.1	19.4	34.6	6	0.18	1407
271.00	273.00	135864	CORE_HALF	0.061	61	37	2.29	2.79	56.4	13.5	114.2	12	0.24	1336
273.00	275.00	135865	CORE_HALF	0.0105	10.5	18	2.48	1.83	58.8	5.6	443.8	12	0.08	2098
275.00	276.30	135866	CORE_HALF	0.0351	35.1	57	4.21	2.57	55.3	32.6	158	13	0.13	1645

HERITAGE EXPLORATIONS **03_126**
DRILL HOLE LOG

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_126	*Hole type*	Diamond drill *Size* BTW	*Date commenced*	15/09/2003
DataSet	SIBS	*Depth*	309.37 m	*Date completed*	19/09/2003
Location	Pie Prospect	*Geologist*	David Byrne	*Drilling company*	FALCON DRILLING
Tenement	252873	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	SIB_Local	10192.00	10100.00	1149.00	m
UTM Grid	NAD83_9	408596.06	6274399.10	1153.66	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	273.5	Magnetic	297.0	-45.0	Compass	
96.01	m	280.0	Magnetic	303.0	-44.5	Camera	
199.64	m	283.0	Magnetic	306.0	-45.5	Camera	
300.23	m	283.0	Magnetic	306.0	-46.0	Camera	

Lithology

Logged by: David Byrne

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	19.50		OOOO			100	Core not located properly by drillers
19.50	36.58		YIOR	PYC		100	
36.58	38.10		YIOA	PYC		100	
38.10	79.05		YIOR	PYC		100	
79.05	80.82		YIOY	PYC		100	
80.82	101.45		YIOR	PYC		100	
101.45	102.11		OOOO			100	Quartz with sulphides
102.11	121.50		YIOO	PYC		100	Black tuffaceous rocks
121.50	128.32	F	SACO	BED		100	
128.32	132.85	F	YIOF	LAM		100	
132.85	151.16	F	XYIF	BED		100	
151.16	156.67	F	SICO	LAM		100	
156.67	160.02	F	SACO	LAM		100	
160.02	165.40	F	SIOO	BED		100	
165.40	167.00	F	SACO	MAS		100	
167.00	173.80	F	SIOO	LAM		100	
173.80	175.60	F	SACO	MAS		100	
175.60	177.25		YIOR	PYC		100	

177.25	191.90		YIOO	PYC			100
191.90	192.05	F	SACO	MAS			100
192.05	199.38	F	SIOO	LAM			100
199.38	200.18	M	SWOO	BED			100
200.18	204.52	F	SIOO	LAM			100
204.52	207.57		YIOO	PYC			100
207.57	208.12	F	SIOO	LAM			100
208.12	213.00	M	YIOM	PYC			100
213.00	221.80	F	YIOF	PYC	FOL		100
221.80	225.40	M	YIOM	PYC	BED		100
225.40	236.52	F	YIOF	PYC	FOL		100
236.52	237.90	M	SWOO	BED_g			100
237.90	240.07	C	YIOC	PYC			100
240.07	241.84	F	YIOF	PYC	FOL		100
241.84	244.20	C	YIOC	PYC			100
244.20	246.40	M	YIOM	PYC			100
246.40	249.02	C	YIOC	PYC			100
249.02	249.50	F	SACO	FOL			100
249.50	250.40	M	YIOM	PYC	FOL		100
250.40	253.81	C	YIOC	PYC			100
253.81	254.90	F	YIOF	FOL			100
254.90	257.07	C	YIOC	PYC			100
257.07	258.41	M	SWOO	FOL			100
258.41	259.60	F	SACO	FOL			100
259.60	266.20	C	YIOC	PYC			100
266.20	270.60	M	SWOO	MAS			100
270.60	271.94	C	YIOC	PYC			100
271.94	276.35	F	SACO	FOL			100
276.35	289.13	C	YIOC	PYC			100
289.13	295.77	F	SACO	FOL			100
295.77	297.48	C	YIOC	PYC			100
297.48	298.40	M	YIOA	PYC			100
298.40	305.50	F	SICO	LAM	FOL		100
305.50	306.90	C	YIOC	PYC			100
306.90	309.37	F	SICO	LAM	FOL		100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
19.50	31.70		Sericitiziation	mass	WK	SERI							
			Chloritization	mass	WK	CL	WK						
31.70	32.61		Phyllic	bd	MOD	SERI		QZ		PY			
32.61	33.83		Sericitiziation	mass	WK	SERI							
			Chloritization	mass	WK	CL	WK						
34.70	35.55		Phyllic	bd	MOD	SERI		QZ		PY			
36.45	37.00		Phyllic	bd	MOD	SERI		QZ		PY			
37.00	38.40		Sericitiziation	mass	STG	SERI							
38.40	39.40		Sericitiziation	mass	WK	SERI							
47.40	48.70		Sericitiziation	mass	WK	SERI							

50.60	54.00	Phyllic	mass	WK	SERI	PY	QZ
56.75	62.60	Phyllic	bd	MOD	SERI	PY	QZ
65.00	73.47	Phyllic	bd	MOD	SERI	PY	QZ
74.14	74.70	Phyllic	bd	MOD	SERI	PY	QZ
83.60	86.60	Phyllic	mass	STG	SERI	PY	QZ
88.17	96.62	Phyllic	mass	WK	SERI	QZ	PY
97.50	97.90	Phyllic	mass	MOD	SERI	QZ	PY
100.40	100.65	Sericitiziation	mass	STG	SERI	CARB	
128.32	132.80	Silicic/Silicification	mass	STG	QZ	PY	
151.16	156.67	Sericitiziation	mass	WK	SERI		
159.41	165.40	Sericitiziation	mass	WK	SERI		
174.55	175.25	Sericitiziation	mass	STG	SERI	QZ	
175.62	177.23	Sericitiziation	pat	MOD	SERI		
178.00	180.70	Sericitiziation	lam	MOD	SERI		
180.70	181.30	Chloritization	mass	STG	CL	SERI	
181.30	182.00	Sericitiziation	pat	WK	SERI		
182.00	182.65	Chloritization	pat	MOD	CL	SERI	
182.65	186.53	Sericitiziation	mass	MOD	SERI		
186.53	188.70	Chloritization	pat	MOD	CL	SERI	
191.50	191.90	Sericitiziation	mass	WK	SERI		
204.50	207.57	Phyllic	mass	STG	SERI	QZ	PY
208.12	209.00	Sericitiziation	pat	WK	SERI	QZ	
209.00	210.70	Phyllic	mass	STG	SERI	QZ	PY
210.70	213.38	Chloritization	pat	WK	CL	SERI	
213.38	220.00	Phyllic	mass	STG	SERI	QZ	PY
222.20	222.50	Sericitiziation	mass	MOD	SERI		
222.65	224.00	Chloritization	pat	WK	CL		
237.30	237.82	Chloritization	mass	WK	CL		
241.87	245.45	Chloritization	pat	WK	CL		
251.00	253.00	Chloritization	pat	WK	CL		
283.00	285.40	Chloritization	pat	WK	CL		
286.50	287.00	Chloritization	pat	WK	CL		
295.80	297.48	Chloritization	pat	WK	CL	SERI	
305.50	306.90	Chloritization	pat	WK	CL	SERI	

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
38.10	39.50		QZ/CARB	Planar Veins	MOD	25	
44.74	44.84		QZ/CARB	Laminated Veins	STG	23	
51.10	51.15		QZ/CARB	Laminated Veins	STG	14	
55.40	55.90		QZ/CARB	Irregular/deformed/segmented	WK	1	
62.30	63.56		QZ/CARB	Irregular/deformed/segmented	MOD	4	
			QZ/CARB	Laminated Veins	MOD	53	
72.10	76.00		QZ/CARB	Irregular/deformed/segmented	WK	1	
76.81	78.60		QZ/CARB	Irregular/deformed/segmented	MOD	3	Galena
			QZ/PY/GN	Planar Veins	WK	10	
83.60	85.40		QZ/CARB	Planar Veins	WK	4	
85.60	85.65		QZ/SP	Planar Veins	STG	3	Sphalerite
88.55	88.65		QZ/PY/GN	Planar Veins	MOD	5	Galena
92.00	92.65		QZ/CARB	Planar Veins	WK	4	
101.45	102.11		QZ/PY/GN/CPY/SP	Irregular/deformed/segmented	STG	90	Galena chalcopyrite sphalerite
102.11	103.00		QZ/CARB	Planar Veins	MOD	10	
			QZ/PY	Planar Veins	WK	8	

119.90	120.75	QZ/CARB	Planar Veins	WK	3	
128.32	132.80	QZ/CARB	Irregular/deformed/segmented	WK	2	
134.33	138.07	QZ/PY	Irregular/deformed/segmented	WK	2	
142.46	150.45	QZ/CARB	Planar Veins	WK	4	
151.60	156.67	QZ/CARB	Planar Veins	MOD	3	
156.67	156.97	QZ/CARB	Laminated Veins	STG	40	
158.36	165.30	QZ/CARB	Irregular/deformed/segmented	WK	3	
172.00	175.56	QZ/CARB	Planar Veins	MOD	2	
201.00	201.90	QZ/CARB	Irregular/deformed/segmented	WK	2	
207.90	208.15	QZ/CARB	Laminated Veins	STG	80	
210.90	211.23	QZ	Irregular/deformed/segmented	MOD	4	
222.15	224.44	QZ	Irregular/deformed/segmented	WK	1	
229.90	230.00	QZ/CARB	Irregular/deformed/segmented	STG	65	
232.37	235.12	QZ/TOURM	Irregular/deformed/segmented	WK	3	
279.00	279.10	QZ/PY/SP	Planar Veins	STG	25	Sphalerite
282.75	287.65	QZ/CARB	Irregular/deformed/segmented	WK	4	
289.12	290.70	QZ/TOURM	Irregular/deformed/segmented	WK	3	
293.95	309.37	QZ/TOURM	Irregular/deformed/segmented	WK	4	

Structure

From	To	m	Structure	Intensity	Comments
31.50	34.35		fracture zone	STG	
34.75	35.00		fracture zone	STG	
35.90	36.00		fault gouge / clay/ pug	STG	
36.35	36.90		fracture zone	STG	
37.70	38.40		fracture zone	STG	
40.03	40.20		fracture zone	STG	
43.37	43.67		fault gouge / clay/ pug	STG	
44.26	44.30		fault gouge / clay/ pug	STG	
44.88	45.07		cataclastic	STG	
59.63	61.60		fault gouge / clay/ pug	MOD	
			fracture zone	STG	
67.61	67.72		fault gouge / clay/ pug	STG	
68.25	68.35		cataclastic	STG	
74.80	75.29		fracture zone	STG	
76.45	76.81		fracture zone	STG	
78.23	78.33		fault gouge / clay/ pug	MOD	
82.68	82.73		fault gouge / clay/ pug	STG	
101.20	104.75		fault gouge / clay/ pug	STG	
			fracture zone	STG	
122.80	124.30		fracture zone	STG	
126.00	128.38		fault gouge / clay/ pug	MOD	
			fracture zone	STG	
129.48	131.00		fracture zone	STG	
			fault gouge / clay/ pug	WK	
132.20	132.60		fracture zone	STG	
140.51	141.40		fault zone	STG	
148.55	149.30		fracture zone	MOD	
150.27	150.30		fracture zone	STG	
152.00	155.30		folded lithologies	MOD	
156.67	157.08		fracture zone	STG	
158.00	159.72		fault zone	MOD	
			fracture zone	STG	
160.60	162.35		fracture zone	STG	

165.24	167.10	fault zone	STG
		fracture zone	STG
169.28	172.00	fault zone	STG
		fracture zone	STG
174.04	175.56	fracture zone	STG
		fault gouge / clay/ pug	MOD
190.90	192.05	fracture zone	STG
201.30	201.45	fault gouge / clay/ pug	STG
201.90	202.30	fault gouge / clay/ pug	MOD
202.30	203.90	fracture zone	MOD
203.90	207.57	fault zone	STG
		fault gouge / clay/ pug	STG
		fracture zone	STG
207.57	209.75	fracture zone	MOD
209.75	213.60	fracture zone	STG
213.85	214.70	fracture zone	STG
		fault gouge / clay/ pug	MOD
215.75	215.90	fault gouge / clay/ pug	MOD
216.00	218.40	fracture zone	MOD
220.20	222.30	fracture zone	MOD
222.30	222.50	fault gouge / clay/ pug	STG
222.50	223.72	fracture zone	MOD
224.50	225.40	fracture zone	STG
227.82	228.16	fault gouge / clay/ pug	STG
		fracture zone	STG
229.60	230.05	cataclastic	STG
		fracture zone	STG
230.20	231.00	fracture zone	STG
231.40	232.40	cataclastic	STG
		fault gouge / clay/ pug	MOD
		fracture zone	STG
275.00	275.43	fracture zone	STG
289.24	289.50	fracture zone	STG
296.45	296.60	fracture zone	STG
297.50	297.75	fracture zone	STG

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge Dir.	Reliability	Comments
20.00		Foliation	62.0							
25.00		Foliation	50.0							
30.00		Foliation	54.0							
35.00		Foliation	63.0							
40.00		Foliation	62.0							
43.80		quartz vein	80.0							Laminated vein
47.00		Foliation	72.0							
48.70		Foliation	49.0							
51.00		quartz vein	75.0							Laminated vein
57.05		Foliation	71.0							
63.10		Foliation	54.0							
67.90		Foliation	52.0							
73.10		Foliation	58.0							
77.40		sulphide vein	62.0							Galena
78.00		Foliation	64.0							

82.80	Foliation	69.0		
84.65	sulphide vein	75.0		Sphalerite
86.10	sulphide vein	78.0		Galena Sphalerite
88.72	sulphide vein	71.0		Galena
97.00	Foliation	62.0		
101.20	Foliation	57.0		
103.00	Fault plane	51.0		
106.70	Bedding	43.0		
106.80	Younging - graded bedding		D	
120.30	Bedding	66.0		
120.35	Younging - graded bedding		D	
121.80	Foliation	48.0		
121.90	Bedding	57.0		
122.00	Younging - graded bedding		D	
122.30	Younging - graded bedding		D	
139.80	Bedding	33.0		
139.80	Foliation	45.0		
145.45	sulphide vein	44.0		Galena
151.20	Bedding	42.0		
170.00	Bedding	48.0		
175.60	Bedding	76.0		
175.65	Younging - graded bedding		D	
178.00	Foliation	79.0		
185.00	Foliation	56.0		
186.40	sulphide vein	70.0		Galena Chalcopyite
186.70	Younging - graded bedding		D	
188.50	Younging - graded bedding		D	
188.90	Foliation	49.0		
189.00	Bedding	48.0		
194.00	Foliation	66.0		
199.70	Younging - graded bedding		D	
200.00	Bedding	46.0		
204.70	Fault plane	34.0		
207.80	Foliation	61.0		
208.00	quartz vein	60.0		Laminated vein
209.10	sulphide vein	73.0		Sphalerite Galena
215.00	Foliation	52.0		
219.00	Foliation	57.0		
222.30	Bedding	54.0		
222.30	Younging - graded bedding		D	
222.40	Fault plane	38.0		
227.10	Foliation	29.0		
227.60	sulphide vein	65.0		Galena Chalcopyrite
232.35	Fault plane	70.0		
234.50	Foliation	44.0		
236.80	Younging - graded bedding		U	
236.90	Bedding	40.0		
237.70	Younging - graded bedding		U	
237.80	Bedding	33.0		
241.00	Foliation	38.0		
247.70	Foliation	32.0		
249.05	Bedding	65.0		
249.50	Bedding	64.0		
250.25	Younging - graded bedding		U	

253.70	Younging - graded bedding		U	
253.80	Bedding	44.0		
256.50	Younging - graded bedding		U	
256.60	Bedding	44.0		
259.00	Foliation	75.0		
268.40	Foliation	50.0		
269.20	Bedding	62.0		
274.00	Foliation	44.0		
279.00	sulphide vein	48.0		Sphalerite
280.80	Foliation	46.0		
288.85	Bedding	40.0		
298.80	Foliation	42.0		
305.00	Foliation	50.0		
309.00	Foliation	45.0		

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
19.50	23.00	1	pyrite	diss								
29.00	31.70	1	pyrite	diss								
40.00	54.00	3	pyrite	diss	2	pyrite	blb	1				
54.50	55.40	2	pyrite	blb								
56.10	59.70	1	pyrite	blb								
70.40	70.45	10	pyrite	ff	7	galena	ff	3				Galena
71.00	77.40	2	pyrite	diss	1.5	galena	ff	0.5				Galena vein at 72.8m
77.40	77.50	7	galena	ff	2	pyrite	ff	5				Galena
77.50	79.00	2	pyrite	diss	2							
83.00	88.00	2	pyrite	diss	1	pyrite	blb	1	galena	ff	1	Sphalerite vein at 84.6m Galena and sphalerite vein at
88.55	88.65	10	pyrite	ff	7	galena	ff	3				Galena
88.65	94.40	4	pyrite	diss	3	galena	ff	1				Galena
100.63	101.40	3	pyrite	diss								
101.40	102.11	10	pyrite	ff	5	galena	ff	2	chalcopyrite	ff	2	Galena Chalcopyrite Sphalerite
102.11	122.63	5	pyrite	blb								
128.32	132.80	1	pyrite	diss								
132.80	150.27	2	pyrite	blb								
168.48	168.62	25	pyrite	blb								
178.80	179.50	3	pyrite	blb								
186.40	186.55	10	pyrite	ff	7	chalcopyrite	ff	2	galena	ff	1	Chalcopyrite Galena
205.80	207.57	2	pyrite	diss								
207.57	209.05	2	pyrite	blb								
209.05	209.15	10	pyrite	ff	7	sphalerite	ff	2	galena	ff	1	Sphalerite Galena
209.15	211.30	2	pyrite	blb	1	pyrite	diss	1				
214.80	216.00	2	pyrite	blb	1	pyrite	diss	1				
227.55	227.82	5	pyrite	blb	3	chalcopyrite	blb	1	galena	blb	1	Chalcopyrite Galena
246.40	248.00	1	pyrite	blb								
255.90	258.55	2	pyrite	blb								
259.57	267.00	2	pyrite	blb								
270.58	273.52	3	pyrite	ff								
279.00	279.10	10	pyrite	ff	8	sphalerite	ff	2				Sphalerite
285.60	286.80	3	pyrite	blb	3							

Samples

From	To m	Sample ID	Sample type	Plot Au ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
19.50	21.00	135867	CORE_HALF	0.0203		20.3	150	6.84	2.88	65.8	20.6	173.6	151	0.41	771
21.00	23.00	135868	CORE_HALF	0.71	0.71	624	795	11.67	28.66	143.1	189.9	35	317	0.93	886
23.00	25.00	135869	CORE_HALF	0.0068		6.8	146	14.63	2.57	69.2	6.6	158.8	138	0.27	1170
25.00	27.00	135870	CORE_HALF	0.0044		4.4	69	4.93	2.01	83.9	4.2	280.9	122	0.22	1501
27.00	29.00	135871	CORE_HALF	0.0003		0.3	110	3.10	2.58	62.2	10.8	125.5	96	0.29	1180
29.00	31.39	135872	CORE_HALF	0.0223		22.3	356	7.06	5.05	54.2	24.6	170.5	282	0.53	1075
31.39	32.61	135873	CORE_HALF	0.0203		20.3	142	3.1	14.52	57.5	10	199.1	184	0.42	872
32.61	33.83	135874	CORE_HALF	0.0045		4.5	137	2.1	71.02	123.4	6	152.6	46	0.44	945
33.83	35.05	135875	CORE_HALF	0.0077		7.7	200	34.29	3.08	62.2	8.4	159.6	209	0.4	824
35.05	36.58	135877	CORE_HALF	0.0041		4.1	144	19.06	1.7	68.3	5.6	218	68	0.37	1301
		135876	CORE_HALF	0.0029		2.9	110	11.5	1.61	60.2	5.5	198.1	65	0.34	1305
36.58	38.10	135878	CORE_HALF	0.0627		62.7	161	10.93	3.98	47.2	10.3	139.1	29	0.58	385
38.10	40.00	135879	CORE_HALF	0.0096		9.6	341	13.78	6.91	106.4	10.3	68.5	312	0.5	1118
40.00	42.00	135880	CORE_HALF	0.0094		9.4	375	15.04	146.97	238.8	17.3	21.5	101	0.56	1019
42.00	44.00	135881	CORE_HALF	0.0215		21.5	781	14.25	272.9	141.4	18.4	25	69	1.02	1419
44.00	46.00	135882	CORE_HALF	0.007		7	189	17.54	13.81	87.8	6.3	24.3	15	0.56	2081
46.00	48.00	135883	CORE_HALF	0.0077		7.7	191	6.19	23.47	104.4	5.8	36.8	18	0.58	2274
48.00	50.00	135884	CORE_HALF	0.0558		55.8	953	35.25	237.58	59.2	9.8	51.6	44	2.07	1473
50.00	52.00	135885	CORE_HALF	0.0331		33.1	514	18.81	18.78	76.2	12.9	108.4	27	1.44	1305
52.00	54.00	135886	CORE_HALF	0.0091		9.1	211	20.72	10.56	91.9	7.2	101.9	15	0.58	1945
54.00	56.00	135887	CORE_HALF	0.0177		17.7	576	27.88	13.92	72	10.9	63.6	26	1.06	1718
56.00	58.00	135888	CORE_HALF	0.0124		12.4	384	22.19	4.76	55.8	9.2	207.9	31	0.95	1123
58.00	60.00	135889	CORE_HALF	0.0345		34.5	252	4.3	2.23	53.8	15.6	235.9	35	0.79	1159
60.00	60.96	135890	CORE_HALF	0.1215		121.5	412	9.72	5.1	50.7	26.7	205.6	38	1.06	1348
60.96	62.00	135891	CORE_HALF	0.151		151	484	21.36	12.57	69.9	41.8	166.4	105	1.29	969
62.00	64.00	135892	CORE_HALF	0.096		96	618	6.1	26.98	50.8	92.9	93.1	53	1.7	743
64.00	66.00	135893	CORE_HALF	1.08	1.08	1138.6	1725	15.17	194.5	310.9	193.9	73.6	243	2.84	1139
66.00	68.00	135894	CORE_HALF	0.1269		126.9	1186	79.31	227.74	637.8	16.4	141	237	1.41	800
68.00	70.00	135895	CORE_HALF	0.0362		36.2	545	17.07	61.51	133.4	12	147.8	68	0.86	1017
70.00	72.00	135896	CORE_HALF	0.2543		254.3	733	9.24	74.66	81.4	131.6	37	106	1.66	771
72.00	73.00	135897	CORE_HALF	2.73	2.73	2496.4	4702	49.15	2202.3	4892.6	603	15.3	1356	3.07	789
73.00	74.00	135898	CORE_HALF	0.1348		134.8	652	6.8	23.26	53.6	107	41.4	34	1.1	929
		135899	CORE_HALF	0.2021		202.1	624	6.42	20.93	50.1	90.8	38.9	35	0.92	775
74.00	74.80	135900	CORE_HALF	0.3649		364.9	1006	11.4	209.21	148.5	120.6	50.1	61	1.36	894
74.80	76.00	135901	CORE_HALF	0.92	0.92	637.5	2655	24.69	821.36	813.7	495.5	35	228	6.79	365
76.00	77.00	135902	CORE_HALF	0.1179		117.9	716	5.05	155.64	76.1	137.1	40.1	31	1.65	561
77.00	78.00	135903	CORE_HALF	0.222		222	2020	21.12	1605.6	1422.2	176.9	30.4	259	2.3	453
78.00	79.00	135904	CORE_HALF	0.0349		34.9	400	3.85	10.63	38.8	31.2	73	20	0.95	640
79.00	81.00	135905	CORE_HALF	0.0422		42.2	218	4.2	7.65	42.1	30.7	91.5	19	0.86	1249
81.00	83.00	135906	CORE_HALF	0.0181		18.1	419	16.59	6.06	27.8	11.7	194	18	0.74	942
83.00	84.00	135907	CORE_HALF	0.0069		6.9	462	26.94	46.07	130.9	8.3	183.2	32	0.55	1277

84.00	85.00	135908	CORE_HALF	0.0128		12.8	514	23.91	91.72	318.2	11.3	171.6	74	0.61	1220
85.00	86.00	135909	CORE_HALF	0.0599		59.9	975	50.35	270.71	462.5	17.2	69.6	75	0.66	1272
86.00	87.00	135910	CORE_HALF	0.4717		471.7	2288	97.48	243.42	598.3	121.4	69	124	1.38	887
87.00	89.00	135911	CORE_HALF	0.161		161	1544	15.46	684.47	200.9	65.3	129.9	68	1.05	1312
89.00	91.00	135912	CORE_HALF	0.26	0.26	568.1	1067	22.99	188	786.3	78.8	76.2	124	0.85	1508
91.00	92.00	135913	CORE_HALF	0.2897		289.7	1524	36.12	505.39	1241.2	51.2	47.9	170	1.02	1179
92.00	94.00	135914	CORE_HALF	0.68	0.68	637.6	1065	17.06	105.33	1020.4	65.8	61.9	217	0.95	1304
94.00	96.00	135915	CORE_HALF	0.0817		81.7	792	23.49	142.48	653.8	63.1	59.2	138	1.54	1279
96.00	98.00	135916	CORE_HALF	0.0537		53.7	816	16.99	25.55	68	30.6	50.3	29	1.32	1255
98.00	100.00	135917	CORE_HALF	0.0741		74.1	1096	9.66	18.85	29.9	67.5	23.5	32	1.91	961
100.00	101.00	135918	CORE_HALF	0.0925		92.5	1195	9.14	18.83	15.6	193.5	36.2	46	3.04	1025
101.00	102.11	135919	CORE_HALF	1.862	1.862	1042.8	11829	702.46	5438.5	6918.5	1323.7	29.4	2462	21.41	665
102.11	103.00	135920	CORE_HALF	14.291	14.291	7316.1	16774	222.25	3414.0	10209	1150.6	27.8	4445	17.81	549
103.00	104.00	135921	CORE_HALF	0.519	0.519	185.2	2823	83.82	199.11	134.8	271.6	123.9	151	7.73	155
104.00	106.00	135922	CORE_HALF	0.183	0.183	63.4	1041	8.51	42.55	78.6	106.4	168.5	120	1.51	145
106.00	108.00	135923	CORE_HALF	0.263	0.263	29	2916	19.16	188.98	223.3	391.1	52.5	110	4.24	568
108.00	110.00	135924	CORE_HALF	0.1	0.1	18.5	795	5.33	10.66	11.9	94.5	148.7	36	0.9	528
110.00	112.00	135926	CORE_HALF	0.3168		316.8	3680	42.07	564.92	708.7	873.3	38.9	254	4.7	349
		135925	CORE_HALF	0.2521		252.1	3938	49.76	614.5	808	1062.7	37.6	290	5.71	300
112.00	114.00	135927	CORE_HALF	0.028		28	2248	44.03	104.26	126	179.2	112.1	68	2.37	251
114.00	116.00	135928	CORE_HALF	0.0108		10.8	977	36.64	16.57	28.2	188.7	86.3	34	1.43	221
116.00	118.00	135929	CORE_HALF	0.0172		17.2	930	17.54	26.77	15.5	129	121.8	21	1.1	335
118.00	120.00	135930	CORE_HALF	0.1714		171.4	1005	28.06	41.69	64.9	286.8	54	36	1.42	274
120.00	122.00	135931	CORE_HALF	0.088	0.088	10.9	1378	48.49	63.31	242.1	222.5	94.1	105	3.15	470
122.00	123.75	135932	CORE_HALF	0.039	0.039	1.7	713	32.95	10.12	23.6	60.5	98.7	94	2	950
123.75	124.66	135933	CORE_HALF	0.04	0.04	0.8	452	36.86	11.09	66.6	40.7	128.9	103	2.25	1112
124.66	125.88	135934	CORE_HALF	0.013	0.013	0.5	388	18.01	10.29	44.1	36.8	131.9	93	2	1007
125.88	128.32	135935	CORE_HALF	0.011	0.011	0.4	464	28.94	8.17	67.5	37.8	134.1	83	2.27	1254
128.32	129.24	135937	CORE_HALF	0.012	0.012	5.6	990	38.38	8.83	69.4	27.2	102.4	102	5.52	1933
129.24	129.84	135938	CORE_HALF	0.056	0.056	30.5	1666	69.66	95.48	622.4	253.4	31.9	302	7.94	2043
129.84	131.06	135939	CORE_HALF	0.035	0.035	28	1371	19.89	14.75	17.2	68.7	101.4	93	2.6	815
131.06	132.85	135940	CORE_HALF	0.036	0.036	24.6	384	7.53	16.24	18.3	82.7	61.6	94	1.32	648
132.85	134.00	135941	CORE_HALF	0.017	0.017	-0.2	528	30.67	11.99	27.3	33.1	139.4	86	2.35	949
134.00	136.00	135942	CORE_HALF	0.031	0.031	-0.2	610	32.54	18.61	57.9	38.9	115.9	101	2.61	1223
136.00	138.00	135943	CORE_HALF	0.046	0.046	0.4	1098	63.67	39.94	28.8	37.7	93.9	127	4.01	1035
138.00	140.00	135944	CORE_HALF	0.051	0.051	0.8	769	45.14	63.01	153	51.8	95.8	163	2.29	1272
140.00	142.00	135945	CORE_HALF	0.048	0.048	0.5	1213	101.64	174.2	362.5	45.4	82.7	197	2.53	1224
142.00	143.50	135946	CORE_HALF	0.015	0.015	0.2	444	22.66	9.49	19.6	18.4	128.1	91	1.21	931
143.50	145.00	135947	CORE_HALF	0.022	0.022	0.2	520	18.59	32.02	27	24.6	134.8	73	1.95	948
145.00	146.00	135948	CORE_HALF	0.04	0.04	0.4	1444	128.44	336.94	643.5	40.7	117.3	313	3.92	1511
146.00	148.00	135949	CORE_HALF	0.009	0.009	-0.2	388	33.3	99.91	92	14.3	140	84	1.25	2298
		135950	CORE_HALF	0.012	0.012	-0.2	272	14.51	29.27	60.7	14.4	134.9	79	1.03	2446
148.00	150.00	135951	CORE_HALF	0.008	0.008	0.2	325	17.21	6.87	41.4	19.9	142	101	1.32	1426

150.00	151.00	135952	CORE_HALF	0.069	0.069	2.1	478	10.14	15.87	42.1	172.3	140.1	57	1.66	2392
151.00	153.00	135953	CORE_HALF	0.004	0.004	2.1	318	9.45	3.48	67.1	14.4	132.6	55	0.82	1859
153.00	155.00	135954	CORE_HALF	0.006	0.006	1.7	312	16.92	3.97	73.1	13.2	139.8	60	0.86	1909
155.00	156.67	135955	CORE_HALF	0.007	0.007	1.8	451	37.84	9.54	168.3	11.4	137.7	101	1.87	1441
156.67	158.50	135956	CORE_HALF	0.012	0.012	0.2	285	21.88	3.78	34.9	28.7	140.9	43	1.05	1838
158.50	160.02	135957	CORE_HALF	0.009	0.009	-0.2	297	43.37	4.62	75.2	27.8	135.2	56	1.11	1730
160.02	162.15	135958	CORE_HALF	0.006	0.006	1.9	248	15.06	1.67	50.5	12.8	133.6	51	0.74	1690
162.15	163.86	135959	CORE_HALF	0.013	0.013	0.8	229	29.09	1.66	77	20.2	130.6	40	0.73	2209
163.86	165.00	135960	CORE_HALF	-0.002	-0.002	0.9	267	26.86	1.83	79.5	18.6	137	34	0.53	1823
165.00	167.03	135961	CORE_HALF	0.01	0.01	0.2	453	27.08	3.72	62.8	26.5	110.4	46	0.85	1211
167.03	169.00	135962	CORE_HALF	0.096	0.096	11.4	287	36.49	7.18	87.5	56	139.3	61	0.83	1875
169.00	170.08	135963	CORE_HALF	0.015	0.015	7	218	11.84	2.65	54.9	17.6	136.7	58	0.66	1144
170.08	171.30	135964	CORE_HALF	-0.002	-0.002	0.5	119	14.22	1.15	44.4	5.7	86.5	33	0.37	1681
171.30	173.00	135965	CORE_HALF	0.027	0.027	4.3	538	29.12	9.08	65.7	42.4	145.6	67	1.84	1842
173.00	175.00	135966	CORE_HALF	0.003	0.003	1.1	450	71.19	4.52	61.4	20.3	155.6	60	3.22	1907
175.00	176.00	135967	CORE_HALF	0.03	0.03	1.6	841	39.62	31.33	149.9	100	189	183	6.73	1647
176.00	177.00	135968	CORE_HALF	0.0141		14.1	451	38.75	9.37	127.5	73	124.9	76	5.19	2029
177.00	178.00	135969	CORE_HALF	0.0002		0.2	116	11.73	1.85	63.4	11.2	309.7	55	2.21	717
178.00	179.00	135970	CORE_HALF	0.0014		1.4	200	15.57	6.1	32.5	11.8	202.5	21	2.59	532
179.00	180.00	135971	CORE_HALF	0.0023		2.3	109	14.79	8.41	91	17.5	233.4	35	0.76	1011
180.00	180.70	135972	CORE_HALF	-0.0002		-0.2	44	3.14	2.56	72.5	6.3	213.5	34	0.26	715
180.70	181.30	135973	CORE_HALF	0.0003		0.3	50	6.35	6.5	170	12.4	921.6	41	0.24	1796
181.30	182.00	135974	CORE_HALF	0.0004		0.4	99	10.74	1.36	118.8	7.6	731	35	0.56	657
182.00	182.70	135975	CORE_HALF	0.0006		0.6	80	8.59	2.62	131.4	10.2	457.7	30	0.15	899
182.70	184.00	135976	CORE_HALF	0.0014		1.4	193	36.84	1.76	70.4	6.2	211	8	0.27	564
		135977	CORE_HALF	0.0016		1.6	193	32.07	1.61	66	5.6	164.5	10	0.23	530
184.00	*185.00*	*135978*	*CORE_HALF*	*0.0005*		*0.5*	*164*	*47.86*	*1.1*	*49.3*	*4*	*175.5*	*5*	*0.24*	*428*
185.00	186.54	135979	CORE_HALF	0.0127		12.7	1565	405.9	797.61	1669.4	8.9	309.9	341	0.62	380
186.54	188.00	135980	CORE_HALF	0.0024		2.4	156	21.43	12.89	78.2	10.1	171.2	13	0.28	1629
188.00	189.00	135981	CORE_HALF	0.0011		1.1	127	26.05	3.3	69.5	5.1	275.8	14	0.19	951
189.00	190.00	135982	CORE_HALF	0.0004		0.4	166	28.85	2.89	53.2	5.3	145.6	14	0.26	479
190.00	*191.72*	*135983*	*CORE_HALF*	*0.0002*		*0.2*	*100*	*33.03*	*2.45*	*67.3*	*6*	*122.3*	*22*	*0.28*	*463*
191.72	193.00	135984	CORE_HALF	0.001		1	411	21.22	16.53	77.8	17.4	123.3	55	2.28	808
193.00	195.00	135985	CORE_HALF	0.002		2	309	12.68	14.52	76.1	14.4	80.4	64	2.39	716
195.00	197.00	135986	CORE_HALF	-0.0002		-0.2	65	8.06	3.42	69.3	4.4	102.8	24	0.74	481
197.00	199.00	135987	CORE_HALF	0.0028		2.8	608	17.01	21.75	108.5	16.7	96.6	108	3.48	784
199.00	201.00	135988	CORE_HALF	0.0075		7.5	540	10.7	14.58	91.8	20.9	152.2	62	2.27	1546
201.00	203.00	135989	CORE_HALF	0.0077		7.7	1198	11.92	23.63	67.4	35.1	38.9	67	3.33	1837
203.00	204.52	135990	CORE_HALF	0.0021		2.1	633	38.68	9.92	77.8	25.7	91.5	48	1.74	939
204.52	205.86	135991	CORE_HALF	0.0038		3.8	124	8.03	2.59	59.5	13.3	107.6	51	0.49	505
205.86	207.57	135992	CORE_HALF	0.0914		91.4	159	9.48	7.32	72	33.8	60.8	35	0.84	1275
207.57	209.00	135993	CORE_HALF	0.3841		384.1	2514	455.3	402.27	2167.4	130.1	25.5	558	3.74	699
209.00	210.00	135994	CORE_HALF	0.59	0.59	762.3	5076	921.64	5905.2	6156.4	56.6	53.3	1093	4.08	836

210.00	211.23	135995	CORE_HALF	0.0876		87.6	262	34.25	26.63	102	28.9	141	39	0.98	1604
211.23	212.75	135996	CORE_HALF	0.02		20	171	13.4	35.52	118.5	30.8	146.3	30	1.54	2139
212.75	214.27	135997	CORE_HALF	0.0028		2.8	210	37.06	2.75	120.9	9.3	168.4	29	0.48	1069
214.27	216.00	135998	CORE_HALF	0.0458		45.8	430	79.64	7.82	111.7	39.9	149.6	27	0.89	1229
216.00	217.00	135999	CORE_HALF	0.0236		23.6	122	4.85	5.14	115.1	19.8	112.7	12	0.4	1809
		136000	CORE_HALF	0.0372		37.2	169	4.43	7.29	155.1	27	111.8	23	0.48	1903
217.00	218.00	136001	CORE_HALF	0.0527		52.7	135	8.98	3.89	66.6	31.5	153.1	12	0.44	953
218.00	219.00	136002	CORE_HALF	0.0464		46.4	145	6.37	5.23	68.4	39.5	120.3	12	0.44	775
219.00	220.00	136003	CORE_HALF	0.0274		27.4	597	93.56	10.32	145.9	40.7	111.4	26	1.07	1719
220.00	221.00	136004	CORE_HALF	0.0006		0.6	34	3.46	0.94	48.8	5	127.1	19	0.14	720
221.00	222.50	136005	CORE_HALF	0.0008		0.8	224	20.37	9.04	55.8	9.1	146.1	19	0.24	665
222.50	224.00	136006	CORE_HALF	0.0004		0.4	675	129.83	1.86	198.6	10.6	122.3	22	0.45	1728
224.00	226.00	136007	CORE_HALF	0.035	0.035	19.7	233	36.82	4.72	70.4	20.5	153.5	20	0.36	1433
226.00	227.00	136008	CORE_HALF	0.194	0.194	70.9	904	80.7	34.63	196.8	172.1	66.1	86	2.2	2835
227.00	228.60	136009	CORE_HALF	0.038	0.038	16.8	685	122.48	34.12	375	33.7	108.9	93	1.24	1912
228.60	229.82	136010	CORE_HALF	0.039	0.039	8.1	883	16.44	27.43	203.6	46.2	70.2	81	3.71	1610
229.82	231.04	136011	CORE_HALF	0.051	0.051	5.6	1523	15.92	21.47	198.2	42.9	118.7	111	3.74	1093
231.04	232.56	136012	CORE_HALF	0.022	0.022	2.4	821	14.67	15.19	77.9	27.5	144.4	76	2.32	1116
232.56	234.00	136013	CORE_HALF	0.05	0.05	3.6	1798	16.44	34.37	65.5	46.5	66.3	174	5.12	1761
234.00	236.00	136014	CORE_HALF	0.034	0.034	2.6	1137	16.39	27.64	54.6	44.3	86.4	164	4.15	1079
236.00	238.00	136015	CORE_HALF	0.019	0.019	1.9	349	18.49	9.71	119.1	21.7	164.8	61	1.97	1269
238.00	240.00	136016	CORE_HALF	0.008	0.008	1.7	294	11.37	8.96	112.2	26.3	179.2	55	2.49	476
240.00	242.00	136017	CORE_HALF	-0.002	-0.002	0.2	101	11.63	3.84	74.1	10.4	158.7	41	1.26	582
242.00	244.00	136018	CORE_HALF	0.01	0.01	1.8	220	12.66	7.41	94.4	18.2	180	57	1.32	1350
244.00	246.00	136019	CORE_HALF	-0.002	-0.002	0.8	114	7.61	3.64	122.2	9.5	436.7	44	1.03	1707
246.00	248.00	136020	CORE_HALF	0.029	0.029	3.4	643	15.09	17.72	159	46.8	112.4	114	5.06	917
248.00	250.00	136021	CORE_HALF	0.004	0.004	1.3	300	11.02	6.67	83.9	38.5	169.6	65	1.82	1603
250.00	252.00	136022	CORE_HALF	0.015	0.015	3.4	495	12.44	7.07	118.1	21.8	204.8	69	1.64	971
252.00	254.00	136023	CORE_HALF	0.027	0.027	11	857	9.31	12.36	72.3	53.5	187	109	1.85	1904
254.00	256.00	136024	CORE_HALF	0.169	0.169	60.2	1110	19.6	20.93	99.4	134.5	101	90	2.61	1086
256.00	258.00	136025	CORE_HALF	0.062	0.062	6.4	1394	19.43	24.61	103.1	96.2	78.3	121	3.68	1089
		136026	CORE_HALF	0.05	0.05	4.2	1282	12.26	19.62	78.9	56.3	72.5	119	2.73	931
258.00	260.00	136027	CORE_HALF	0.126	0.126	13.9	1298	27	73.35	163.8	138.4	47.9	137	5.46	521
260.00	262.00	136028	CORE_HALF	0.113	0.113	24.9	1077	42.96	295.75	394.2	128.2	34.7	179	4.79	793
262.00	264.00	136029	CORE_HALF	0.01	0.01	10.2	181	23.44	5.82	132.4	39.1	149.3	31	0.95	1336
264.00	266.00	136030	CORE_HALF	0.004	0.004	2.9	210	23.36	3.62	130	26.4	141.9	48	0.91	1203
266.00	268.00	136031	CORE_HALF	-0.002	-0.002	0.8	129	23.89	1.09	105.5	15.5	162.4	32	0.37	1013
268.00	270.00	136032	CORE_HALF	0.005	0.005	2.9	218	34.04	3.35	128.3	19.4	191.3	26	1.14	1227
270.00	272.00	136033	CORE_HALF	0.007	0.007	2.3	181	16.59	3.17	68.3	22.2	166	21	0.77	1344
272.00	274.00	136034	CORE_HALF	0.007	0.007	1.1	192	10.59	3.97	56.1	55.2	155.2	42	0.82	592
274.00	276.00	136035	CORE_HALF	0.024	0.024	2	419	5.33	7.83	51.5	195.6	204.2	151	2.51	468
276.00	278.00	136036	CORE_HALF	0.071	0.071	3.8	1808	15.17	33.56	83	80.6	47.5	139	5.61	731
278.00	279.00	136037	CORE_HALF	0.097	0.097	8.7	1653	14.34	34.14	15.6	98.9	64.9	108	3.97	610

279.00	280.00	136038	CORE_HALF	0.088	0.088	7.9	1736	15.63	31.78	66.5	165.3	51.7	134	3.66	549
280.00	282.00	136039	CORE_HALF	0.059	0.059	6.4	947	13.77	20.86	110.7	97.1	95.5	72	2.16	1278
282.00	284.00	136040	CORE_HALF	0.036	0.036	4.4	305	9.45	4.53	59.3	25.5	135.3	45	0.62	1877
284.00	286.00	136041	CORE_HALF	0.029	0.029	6.6	296	13.82	6	184.4	25.3	159.7	73	0.56	2742
286.00	288.00	136042	CORE_HALF	0.032	0.032	5.6	373	10.4	10.31	67.5	56.9	92.7	72	1.25	1334
288.00	290.00	136043	CORE_HALF	0.06	0.06	3.6	1035	12.59	19.51	116	71	49.3	150	2.36	1762
290.00	292.00	136044	CORE_HALF	0.043	0.043	3.4	983	11.57	21.34	74.7	38.6	62.6	183	2.72	824
292.00	294.00	136045	CORE_HALF	0.04	0.04	4.3	1029	11.49	20.18	46.3	42.1	56.4	200	3.46	712
294.00	296.00	136046	CORE_HALF	0.051	0.051	2.4	1271	15.12	29.77	68	132.3	46.3	232	4.74	1344
296.00	297.00	136047	CORE_HALF	0.004	0.004	1.7	130	10.25	4.59	97.7	132	164.8	82	1.14	2008
297.00	299.00	136048	CORE_HALF	0.014	0.014	1.6	447	19.26	24.7	144.4	49.7	163.9	166	3.81	1017
299.00	301.00	136049	CORE_HALF	0.035	0.035	3.5	912	12.74	20.07	52.8	47.3	83	228	3.39	490
		136050	CORE_HALF	0.036	0.036	3.1	902	9.76	20.76	48.4	44.4	81.1	225	3.26	504
301.00	303.00	136051	CORE_HALF	0.029	0.029	1.9	534	11.42	16.1	51.9	112.4	109.9	167	2.92	2504
303.00	305.00	136052	CORE_HALF	0.032	0.032	1.2	601	12.78	18.51	71.8	49.2	112	233	3.07	2394
305.00	307.00	136053	CORE_HALF	0.021	0.021	1.7	259	9.95	8.02	49.6	99.6	168.9	110	1.61	1192
307.00	309.37	136054	CORE_HALF	0.052	0.052	2.5	1040	12.74	23.61	53.9	185.2	42.3	230	4.43	1114

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_127

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_127	*Hole type*	Diamond drill *Size* NQ	*Date commenced*	16/09/2003
DataSet	SIBS	*Depth*	367.80 m	*Date completed*	20/09/2003
Location	Mercury Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	255266	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	East	North	RL	Grid unit
Local Grid	*SIB_Local*	*10360.00*	*8387.00*	*965.00*	*m*
UTM Grid	NAD83_9	407931.60	6272735.90	967.32	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	61.5	Magnetic	85.0	-45.0	Compass	
139.29	m	58.0	Magnetic	81.0	-40.0	Camera	
230.73	m	59.0	Magnetic	82.0	-38.0	Camera	
285.29	m	60.0	Magnetic	83.0	-35.0	Camera	

Lithology

Logged by: Tony Worth

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	7.00		CASE			100	
7.00	11.80	M	YIOR	FOL	CLAC	100	
11.80	13.50	F	YOOY	FOL		100	2mm sized crystals in black ash? Matrix
13.50	16.40	M	YIOR	FOL	CLAC	100	
16.40	18.80	F	YOOF	FOL		100	dark grey fg tuff(sed?) 2-5mm euhedral py xtals
18.80	197.35	M	YIOR	FOL	CLAC	100	Same unit all way down - some variation in lith clast size / intensity etc
197.35	201.50	F	YIOO	FOL		100	More altered version of a/a
201.50	205.00	F	YOOF	FOL	LAM	100	dark grey fg (ash tuff?) laminations
205.00	208.95	F	ZYOO	FRI		100	broken core - lots of gouge
208.95	*212.40*	*F*	*YOOF*	*FOL*	*LAM*	*100*	*altered. Py laminations*
212.40	235.00	M	YIOM	MAS		100	Different unit to sequence above fault - less foliated/ not lithic
235.00	239.00	M	YIOR	FOL	CLAC	100	gradational contact with above
239.00	268.00	C	YIOC	FOL		100	uniformly med-coarse grained. Weakly foliated
268.00	273.70	M	YIOM	FOL		100	
273.70	308.00	F	YIOO	FOL		100	Strongly altered - possibly ash tuff in parts - generally fine grained
308.00	329.40	C	YIOL	FOL	LPL	100	
329.40	331.90	F	YIOM	FOL		100	
331.90	333.85	F	ZYOO	FRI		100	fault gouge - lots of lost core - difficult drilling

333.85	336.55	C	YIOL	FOL	LPL	100		
336.55	347.00	F	YIOO	FOL		100	strongly altered - probably still lapilli tuff	
347.00	350.20	F	YIOM	FOL		100		
350.20	367.80	M	YIOR	FOL	CLAC	100		

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
7.00	11.80		Phyllic	pv	MOD	SERI	MOD	PY	MOD	CL	MOD	CARB	
11.80	13.30		Carbonatization	diss	WK	CARB	WK	PY	WK				
13.30	16.40		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CL	MOD	CARB	
16.40	18.80		Sulphidic	vsel	MOD	PY	MOD	CARB	MOD				
			Sulphidic	bd	WK	PY	WK						
18.80	27.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD	CL	MOD	CARB	
27.00	43.20		Phyllic	pv	WK	SERI	WK	CL	WK	PY	WK	CARB	WK-MOD
43.20	45.60		Chloritization	pv	MOD	CL	MOD	SERI	MOD	PY	WK		
45.60	48.70		Phyllic	pv	WK	SERI	WK	CL	WK	PY	WK	CARB	Partly leached shear zone
48.70	52.00		Chloritization	pv	MOD	CL	MOD	SERI	MOD	PY	WK		
52.00	55.00		Phyllic	diss	MOD	SERI	MOD	PY	MOD	CL	WK	CARB	
55.00	83.10		Phyllic	pv	WK	SERI	WK	CL	WK	PY	WK	CARB	
83.10	83.90		Sericitiziation	pv	STG	SERI	STG	CLAY	STG	CL	WK	CARB	Leached zone around veins - structure
83.90	85.40		Phyllic	pv	WK	SERI	WK	CL	WK	PY	WK	CARB	
85.40	88.20		Sericitiziation	pv	STG	SERI	STG	CLAY	STG	CL	WK	CARB	
88.20	131.55		Phyllic	diss	WK	SERI	WK	CL	WK	PY	WK	CARB	
131.55	131.80		Sericitiziation	pv	STG	SERI	STG	CLAY	STG				bleached zone
131.80	138.70		Phyllic	diss	MOD	SERI	MOD	CL	MOD	PY	WK	CARB	
			Chloritization	vsel	MOD								
138.70	140.00		Phyllic	diss	MOD	SERI	MOD	HEM	MOD	CARB	WK		bleached zone
140.00	142.00		Phyllic	pv	STG	SERI	STG	CARB	MOD	PY	TR	HEM	
142.00	148.50		Phyllic	pv	INT	SERI	INT	CARB	MOD	PY	TR	HEM/CL	
148.50	153.00		Phyllic	pv	STG	SERI	STG	CARB	MOD	PY	TR	HEM/CL	
153.00	154.00		Phyllic	pv	STG	SERI	STG	CARB	MOD	HEM	MOD	PY/CL	
154.00	156.00		Phyllic	pv	STG	SERI	STG	CARB	MOD	CL	WK	PY/HEM	
156.00	157.70		Phyllic	pv	MOD	SERI	MOD	HEM	MOD	CARB	WK	CL	
157.70	160.30		Phyllic	pv	MOD	SERI	MOD	CARB	MOD	CL	WK	PY/HEM	
160.30	165.50		Hematization	pv	MOD	HEM	MOD	CARB	MOD	CL	WK		
165.50	175.00		Phyllic	pv	WK	SERI	WK	CL	WK	CARB	WK	PY	
175.00	179.20		Phyllic	pv	MOD	SERI	MOD	CARB	MOD	CL	WK	PY	
179.20	180.55		Phyllic	pv	STG	SERI	STG	CARB	MOD	CL	WK	PY	some bleaching
180.55	186.70		Phyllic	pv	WK	SERI	WK	CL	WK	CARB	WK	PY	
186.70	187.40		Phyllic	pv	STG	SERI	STG	CARB	MOD	PY	WK		bleached zone
187.40	190.40		Phyllic	pv	WK	SERI	WK	CL	WK	CARB	WK	PY	
190.40	199.40		Phyllic	pat	MOD	SERI	STG	QZ	MOD	CARB	MOD	PY	
199.40	201.50		Carbonatization	pv	STG	CARB	STG	CL	STG	SERI	WK	PY	
201.50	205.00		Phyllic	pv	MOD	SERI	MOD	CARB	MOD	CL	MOD	PY	Grey banding - ash or altn min??? - poss vfg py?
205.00	208.95		Chloritization	pv	STG	CL	STG	CLAY	STG	CARB	WK	PY	fault zone
208.95	212.70		Phyllic	pv	STG	SERI	STG	QZ	MOD	CARB	MOD	PY	
212.70	274.60		Phyllic	pat	WK	SERI	WK	CARB	WK	PY	WK	CL	Variable wk-mod
274.60	275.50		Phyllic	pv	MOD	SERI	MOD	CARB	MOD	PY	MOD	CL	
275.50	278.10		Phyllic	pv	INT	SERI	STG	QZ	MOD	CARB	MOD	PY/CL/FUC/CPY/UNK	Completely altered - bleached *appearance. Vfg dissem unknown* met-grey min with CCP?
278.10	283.90		Phyllic	pv	MOD	SERI	MOD	CARB	MOD	PY	MOD	CL	

283.90	286.60	Phyllic	pv	INT	SERI	STG	QZ	MOD	CARB	MOD	PY/CL/FUC/CPY/UNK	
286.60	288.10	Phyllic	pv	MOD	SERI	MOD	CARB	MOD	PY	MOD	CL	
288.10	290.30	Phyllic	pv	INT	SERI	STG	QZ	MOD	CARB	MOD	PY/CL/FUC/CPY/UNK	
290.30	300.80	Phyllic	pv	STG	SERI	STG	QZ	MOD	CARB	MOD	PY/CL/FUC/CPY/UNK	
300.80	304.05	Phyllic	pv	INT	SERI	STG	QZ	MOD	CARB	MOD	PY/CL/FUC/CPY/UNK	
304.05	313.50	Phyllic	pv	STG	SERI	STG	QZ	MOD	CARB	MOD	PY	
		Chloritization	vsel	MOD	CL	MOD						
313.50	328.30	Phyllic	pat	WK	SERI	WK	CARB	WK	PY	WK	CL	
328.30	331.90	Phyllic	pv	MOD	SERI	MOD	CARB	MOD	PY	MOD		
331.90	333.85	Chloritization	pv	MOD	CL	MOD						Gouge chlorite
333.85	336.00	Phyllic	pv	WK	SERI	WK	CARB	WK	PY	WK		
336.00	336.55	Phyllic	pv	MOD	SERI	MOD	CARB	MOD	PY	MOD		
336.55	346.30	Silicic/Silicification	pv	INT	QZ	STG	PY	STG	SERI	STG		
346.30	350.20	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CARB	MOD		
350.20	352.55	Phyllic	pv	STG	PY	STG	QZ	STG	SERI	STG	FUC/CL	FUC - bright green dissem min?
352.55	363.20	Phyllic	pat	WK	SERI	WK	CARB	WK	PY	WK	CL	
363.20	363.90	Phyllic	pv	MOD	SERI	MOD	PY	MOD	CARB	MOD		
363.90	367.80	Phyllic	pat	WK	SERI	WK	CARB	WK	PY	WK	CL	

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
16.40	18.80		CARB/PY	Stringer Veins	MOD	4	both x-cutting and // to foliation
60.00	61.40		CARB	Planar Veins	WK	5	
69.00	72.00		CARB	Planar Veins	WK	3	1-2cm alt halos
80.60	82.00		QZ/CARB	Planar Veins	MOD	5	
82.00	86.90		CARB	Planar Veins	TR	3	
86.90	88.20		QZ/CARB	Irregular/deformed/segmented	STG	20	
88.20	89.20		QZ/CARB	Stringer Veins	TR	3	
89.20	90.00		QZ/CL/CPY/PY	Irregular/deformed/segmented	MOD	20	Several specs of chalco
90.00	95.20		QZ/CARB	Stringer Veins	TR	3	
95.20	98.60		QZ/CARB	Planar Veins	MOD	5	
98.60	100.00		QZ/CARB	Planar Veins	WK	5	
100.00	104.50		QZ/CARB	Planar Veins	TR	2	
104.50	105.70		QZ/CARB	Planar Veins	WK	5	
105.70	107.40		QZ/CL/CARB	Irregular/deformed/segmented	STG	20	
107.40	132.00		QZ/CARB	Planar Veins	TR	5	
			QZ/CARB	Irregular/deformed/segmented	TR	10	
132.00	134.00		QZ/CL/CARB	Irregular/deformed/segmented	STG	50	
136.00	138.70		QZ/CL/CARB	Irregular/deformed/segmented	STG	20	
138.70	140.60		QZ/CARB	Stringer Veins	TR	3	
140.60	144.50		QZ/CARB	Irregular/deformed/segmented	MOD	40	
144.50	146.00		QZ/CARB	Irregular/deformed/segmented	STG	50	
146.00	149.00		QZ/CARB	Irregular/deformed/segmented	MOD	20	
149.00	150.00		QZ/CL/CARB	Irregular/deformed/segmented	STG	50	
150.00	151.80		QZ/CARB/CL	Irregular/deformed/segmented	MOD	20	
151.80	153.00		QZ/CARB/CL	Irregular/deformed/segmented	STG	50	
153.00	158.00		QZ/CARB/CL	Irregular/deformed/segmented	TR	10	
158.00	160.30		QZ/CL/CARB	Irregular/deformed/segmented	MOD	20	
160.30	161.40		QZ/CARB	Planar Veins	WK	10	
165.80	169.25		QZ/CL/CARB	Irregular/deformed/segmented	WK	30	

169.25	169.55	QZ/CL/CARB	Irregular/deformed/segmented	INT	300	
172.30	172.80	QZ/CL/CARB	Irregular/deformed/segmented	INT	500	
180.00	181.00	CARB	Stringer Veins	WK	2	Cross cutting carb veinelets - late
186.00	186.60	CARB	Stringer Veins	TR	2	
186.60	187.00	QZ/CARB	Planar Veins	WK	10	
187.00	187.40	QZ/CARB	Planar Veins	MOD	20	
187.40	190.40	QZ/CARB	Planar Veins	TR	1	
190.40	193.30	QZ/CL/CARB/CPY	Irregular/deformed/segmented	MOD	15	Rare chalco
197.00	199.40	QZ/CL/CARB/CPY	Irregular/deformed/segmented	MOD	20	
		QZ/CARB	Planar Veins	WK	5	
222.20	237.80	QZ/CARB	Irregular/deformed/segmented	WK	3	
241.70	264.80	QZ/CARB	Planar Veins	WK	2	
264.80	265.00	QZ/CL/CARB	Laminated Veins	STG	120	
265.00	274.10	QZ/CARB	Planar Veins	MOD	10	
274.10	275.50	QZ/CARB	Laminated Veins	STG	900	
275.50	281.60	QZ/CARB	Irregular/deformed/segmented	MOD	20	
282.35	288.10	QZ/CARB	Planar Veins	WK	3	
288.10	*289.25*	*QZ/CL/CARB*	*Laminated Veins*	*STG*	*1200*	
289.60	293.20	QZ/CARB	Irregular/deformed/segmented	WK	5	
297.80	299.40	QZ/CARB	Irregular/deformed/segmented	STG	30	
300.85	308.30	QZ/CARB	Planar Veins	WK	3	
308.30	308.80	QZ/CL/CARB	Irregular/deformed/segmented	STG	120	
309.50	311.90	QZ/CARB	Irregular/deformed/segmented	MOD	30	
311.90	313.30	QZ/CL/CARB	Laminated Veins	STG	100	
313.30	313.65	QZ/CL/CARB	Irregular/deformed/segmented	MOD	5	
315.10	331.70	QZ/CARB	Irregular/deformed/segmented	WK	3	
332.50	333.75	QZ/CL/CARB	Irregular/deformed/segmented	MOD	90	
334.00	336.00	QZ/CARB	Planar Veins	WK	2	
336.00	336.60	QZ/CL/CARB	Irregular/deformed/segmented	STG	30	
337.00	344.00	QZ	Irregular/deformed/segmented	WK	3	
346.50	346.70	QZ/CARB	Irregular/deformed/segmented	STG	50	
349.60	350.90	QZ/CARB/PY	Irregular/deformed/segmented	MOD	25	Chalcopyrite present in vein

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
7.00	25.50		undivided foliation-cleavage	STG	
25.50	26.00		fault gouge / clay/ pug	INT	
26.00	30.00		undivided foliation-cleavage	STG	
30.00	43.20		undivided foliation-cleavage	MOD	MOD-STG
43.20	45.60		fault zone	STG	
45.60	48.70		undivided foliation-cleavage	MOD	
48.70	51.80		fault zone	STG	
51.80	57.00		undivided foliation-cleavage	STG	
57.00	83.40		undivided foliation-cleavage	MOD	Sporadic narrow faults
			fault zone	WK	
83.40	84.40		fracture zone	STG	strongly leached zone
84.40	87.00		undivided foliation-cleavage	STG	
87.00	88.20		fault zone	STG	strongly leached zone
88.20	132.00		undivided foliation-cleavage	MOD	
132.00	146.00		undivided foliation-cleavage	STG	
			fault zone	WK	
146.00	148.00		fault gouge / clay/ pug	STG	strongly leached zone
148.00	154.00		fault zone	MOD	
154.00	178.80		undivided foliation-cleavage	STG	

178.80	180.50	fault zone	MOD	
180.50	190.30	undivided foliation-cleavage	STG	
190.30	193.00	undivided foliation-cleavage	STG	
		fault zone	MOD	
193.00	199.40	undivided foliation-cleavage	STG	
		crenulation cleavage	WK	
199.40	201.60	fault zone	MOD	
201.60	204.90	undivided foliation-cleavage	STG	
204.90	208.95	fault gouge / clay/ pug	INT	Approx 50% gouge
208.95	211.00	undivided foliation-cleavage	STG	
211.00	212.70	undivided foliation-cleavage	MOD	
212.70	264.10	undivided foliation-cleavage	WK	
264.10	265.50	fault zone	WK	Small sections of broken core - minor gouge
		undivided foliation-cleavage	WK	
265.50	273.00	undivided foliation-cleavage	WK	
273.00	275.50	breccia	MOD	Vein filled
275.50	284.40	undivided foliation-cleavage	MOD	
		undivided foliation-cleavage	WK	
284.40	286.60	fault zone	WK	
286.60	288.10	undivided foliation-cleavage	MOD	
288.10	293.00	fault zone	MOD	Vein filled - rehealed
293.00	299.80	fault zone	STG	some gouge - some undeformed material
299.80	300.80	undivided foliation-cleavage	STG	
300.80	304.05	undivided foliation-cleavage	WK	vein filled fractures
		fracture zone	WK	
304.05	307.00	undivided foliation-cleavage	MOD	
307.00	320.60	undivided foliation-cleavage	MOD	
		fracture zone	WK	
320.60	327.00	undivided foliation-cleavage	WK	
327.00	331.90	undivided foliation-cleavage	MOD	
331.90	333.85	fault zone	INT	major fault - difficult drilling - lots of gouge/caving etc
333.85	336.55	undivided foliation-cleavage	MOD	
336.55	346.30	crenulation cleavage	STG	shear zone? - folded/crenulated foliation - strong alt overprint.
		folded lithologies	MOD	
346.30	351.20	undivided foliation-cleavage	STG	
351.20	352.55	fracture zone	STG	py filled fractures
		undivided foliation-cleavage	MOD	
352.55	367.80	undivided foliation-cleavage	MOD	

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dip/ Plunge	Dip/ Plunge Dir.	Reliability	Comments
36.00		Foliation	30.0	22.0			78	104	high	
37.00		Foliation	30.0	16.0			76	99	high	
40.00		Foliation	35.0	16.0			81	98	high	
43.00		Foliation	18.0	27.0			68	113	high	
45.50		Foliation	12.0	38.0			67	126	high	
54.50		Foliation	20.0	22.0			68	107	high	
56.00		Foliation	15.0	27.0			65	114	high	
58.80		Foliation	25.0	33.0			76	116	high	
60.50		Vein	75.0	241.0			39	244	high	Same for whole set of veins
63.00		Foliation	25.0	22.0			73	106	high	
65.40		Fault plane	20.0	38.0			74	122	high	
67.00		Foliation	20.0	33.0			72	118	high	variable

74.50	Foliation	22.0	22.0	65	103	high	
77.00	Foliation	20.0	16.0	62	98	high	
90.30	Foliation	14.0	22.0	58	106	high	
95.00	Foliation	31.0	22.0	74	101	high	
97.10	quartz vein	52.0	186.0	13	244	high	
100.00	Foliation	41.0	33.0	86	105	high	
104.70	quartz vein	59.0	174.0	19	270	high	
105.00	Foliation	25.0	43.0	76	121	high	
106.30	quartz vein	45.0	65.0	77	302	high	
112.00	Foliation	36.0	16.0	77	94	high	
117.00	Foliation	21.0	355.0	61	76	high	
121.00	Foliation	26.0	355.0	66	76	high	
127.00	Foliation	21.0	22.0	64	104	high	
132.00	Foliation	15.0	359.0	55	80	high	
132.40	quartz vein	46.0	322.0	88	236	high	
137.00	Foliation	16.0	43.0	69	126	low	Uncertain connection
140.00	Foliation	26.0	16.0	68	97	low	Uncertain connection
144.20	Foliation	2.0	246.0	70	157	high	
144.70	quartz vein	4.0	262.0	81	169	high	quartz-ankerite reef
148.50	Foliation	15.0				high	
152.00	Foliation	21.0				high	
157.20	Foliation	22.0				high	
162.00	Foliation	20.0				high	
166.00	Foliation	28.0	49.0	82	123	high	
169.40	quartz vein	59.0	190.0	20	246	high	
170.00	Foliation	30.0	43.0	81	118	high	
172.35	quartz vein	69.0	163.0	30	273	high	
175.00	Foliation	30.0	43.0	81	118	high	
178.60	Foliation	29.0	38.0	78	114	high	
185.00	Foliation	24.0				high	
187.40	quartz vein	87.0				high	
190.00	Foliation	18.0				high	
191.20	Foliation	43.0	179.0	5	270	mod	Mark on top or bottom of core?
193.80	Crenulation cleavage	89.0	355.0	53	262	mod	Mark on top or bottom of core?
194.90	Foliation	25.0	168.0	17	40	mod	Mark on top or bottom of core?
197.30	Foliation	22.0	174.0	17	62	mod	Mark on top or bottom of core?
201.90	Foliation	23.0				high	
209.00	Fault plane	30.0				high	
210.20	Foliation	34.0				high	
215.00	Foliation	32.0				high	
219.00	Foliation	34.0	76.0	79	317	high	
222.00	Foliation	29.0	60.0	87	131	high	
223.10	Vein	21.0	65.0	85	140	high	Quartz-pyrite vein, 10mm thick
224.00	Foliation	33.0	71.0	83	315	high	
227.00	Foliation	25.0	65.0	88	137	high	
228.60	Foliation	29.0	82.0	78	324	high	
232.00	Foliation	34.0	76.0	79	317	high	
237.00	Foliation	29.0	16.0	69	97	high	new mark
241.40	Foliation	31.0	349.0	70	72	high	
246.20	Foliation	27.0	22.0	68	103	high	
250.90	Foliation	21.0	16.0	61	99	high	
254.70	Foliation	29.0	16.0	69	97	high	
260.10	Foliation	24.0					
264.30	Foliation	26.0	289.0	89	205	high	new mark

264.90	Vein	51.0	306.0		82	232	high	Laminated vein 120mm thick
269.40	Foliation	37.0						
276.00	Foliation	28.0						
280.00	Foliation	27.0						
286.60	Vein	52.0	147.0		29	307	high	Laminated vein 30mm thick
286.70	Foliation	36.0	38.0		79	113	high	
286.90	quartz vein	74.0	208.0		41	252	high	
288.20	Vein	50.0	65.0		77	300	high	Laminated reef 1200mm thick
290.40	Foliation	26.0	16.0		63	99	high	
295.00	Foliation	30.0						
299.90	Foliation	36.0						
307.70	Foliation	42.0	65.0		83	306	high	
311.10	Vein	28.0	49.0		78	126	high	Quartz-carbonate vein 45mm thick
311.70	Foliation	34.0	54.0		86	125	high	
312.60	Vein	32.0	27.0		72	107	high	Chlorite-quartz-carbonate vein 800mm thick
315.00	Foliation	23.0	76.0		88	326	high	
321.80	Foliation	26.0	27.0		66	109	high	new mark
325.00	Foliation	37.0	22.0		75	101	high	
326.65	Fault plane	42.0	158.0	25.0	12	273	high	
330.00	Foliation	38.0	22.0		76	101	high	
331.80	Foliation	37.0	16.0		74	96	high	
335.00	Foliation	25.0						
341.30	Foliation	28.0	5.0		63	88	high	
345.90	Foliation	40.0	33.0		81	108	high	
348.30	Foliation	36.0	38.0		79	113	high	
353.10	Foliation	36.0						
357.50	Foliation	30.0						
362.50	Foliation	42.0						
367.50	Foliation	41.0						

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
7.00	11.80	3	pyrite	pat	3							
11.80	13.10	1	pyrite	diss	1							
13.10	15.20	4	pyrite	bd	4							
15.20	16.40	0.5	pyrite	diss	0.5							
16.40	18.80	5	pyrite	vsel	3	pyrite	diss	2				
18.80	27.00	1	pyrite	diss	1							
27.00	52.00	0.5	pyrite	diss	0.5							
52.00	55.00	1	pyrite	diss	1							
55.00	85.40	0.5	pyrite	diss	0.5							
85.40	88.20	1	pyrite	diss	1							
88.20	89.25	0.5	pyrite	diss	0.5							
89.25	90.00	0.5	pyrite	diss	0.5	chalcopyrite	vsel	0.5				
90.00	186.70	0.5	pyrite	diss	0.5							
186.70	187.40	2	pyrite	fsel								
187.40	190.40	0.5	pyrite	diss	0.5							
190.40	194.90	1	pyrite	diss	1							
194.90	195.60	5	pyrite	bd	5							
195.60	197.60	1	pyrite	diss	1							
197.60	198.00	5	pyrite	bd	5							
198.00	208.95	1	pyrite	bd	1							
208.95	211.00	5	pyrite	bd	4	pyrite	diss	1				
211.00	212.70	5	pyrite	diss	3	pyrite	ff	1	pyrite	vsel	1	

212.70	240.20	2	pyrite	diss	1	pyrite	vsel	1					
240.20	251.50	1	pyrite	diss	1								
251.50	268.00	0.5	pyrite	diss	0.5								
268.00	271.30	1	pyrite	diss	1								
271.30	278.10	2	pyrite	diss	2	pyrite	ff	0.5	pyrite	vsel	0.5		
278.10	283.90	1	pyrite	diss	1								
283.90	286.60	2	pyrite	diss	2	pyrite	ff	0.5	pyrite	vsel	0.5		
286.60	288.10	1	pyrite	diss	1								
288.10	293.00	2	pyrite	diss	2	pyrite	ff	0.5	pyrite	vsel	0.5		
293.00	294.70	3	pyrite	ff	2	pyrite	diss	1					
294.70	313.50	2	pyrite	diss	2	pyrite	ff	0.5	pyrite	vsel	0.5		
313.50	328.30	1	pyrite	diss	1								
328.30	331.90	2	pyrite	diss	2								
331.90	336.00	1	pyrite	diss	1								
336.00	336.55	3	pyrite	diss	2	pyrite	bd	1					
336.55	344.20	15	pyrite	diss	10	pyrite	bd	5					
344.20	346.30	10	pyrite	diss	5	pyrite	bd	6					
346.30	350.20	2	pyrite	diss	1	pyrite	ff	0.5	pyrite	vsel	0.5		
350.20	351.20	4	pyrite	diss	2	pyrite	ff	2				1spec of chalco at 351.3	
351.20	352.55	8	pyrite	ff	7	pyrite	diss	1					
352.55	360.00	2	pyrite	rep	2							replacment of lithic clasts	
360.00	363.20	0.5	pyrite	diss	0.5								
363.20	363.90	2	pyrite	diss	2								
363.90	367.80	1	pyrite	pat	1								

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
7.00	8.00	136055	CORE_HALF	0.0756		75.6	626	83.21	17.19	86.3	99.5	114.4	148	1.06	1540
8.00	9.00	136056	CORE_HALF	0.1961		196.1	1128	56.98	31.02	113.4	192.2	110.2	173	2.08	1327
9.00	10.00	136057	CORE_HALF	0.0999		99.9	621	40.79	15.26	51.6	152.8	104.4	97	1.08	2047
10.00	11.80	136058	CORE_HALF	0.066		66	529	68.08	11.99	65.9	90.4	91.4	76	0.72	1889
11.80	13.00	136059	CORE_HALF	0.0177		17.7	749	46.53	15.97	37.7	65.8	94.8	92	1.17	1193
13.00	14.00	136060	CORE_HALF	0.077		77	696	35.35	18.54	48.3	153.1	57.7	87	1.05	836
14.00	15.00	136061	CORE_HALF	0.1603		160.3	3173	84.96	50.91	73	1212.1	17.4	255	3.47	1076
15.00	16.40	136062	CORE_HALF	0.0436		43.6	764	55.13	16.51	61.1	183.6	117.6	96	1.15	1311
16.40	17.00	136063	CORE_HALF	0.1528		152.8	719	20.53	48.25	17.8	264.5	24.3	50	1.08	875
17.00	18.00	136064	CORE_HALF	0.1466		146.6	577	21.15	32.02	7	325.9	31.3	43	1.33	813
18.00	18.80	136065	CORE_HALF	0.346		346	901	112.96	50.77	17.5	414.6	34.8	62	1.63	1372
18.80	20.00	136066	CORE_HALF	0.0831		83.1	937	75.23	17.83	50.7	164	63.2	94	1.26	1893
20.00	21.00	136067	CORE_HALF	0.0341		34.1	613	116.55	12.21	68.1	95.9	115	93	0.94	1092
21.00	22.00	136068	CORE_HALF	0.0285		28.5	584	84.05	8.37	83.2	100.3	136.5	70	0.84	1251
22.00	24.30	136069	CORE_HALF	0.0256		25.6	265	56.18	4.22	53.4	62.9	169.2	31	0.53	1106
24.30	25.00	136070	CORE_HALF	0.0204		20.4	147	26.42	3.42	76.7	34	155.7	35	0.35	1255
25.00	26.00	136071	CORE_HALF	0.0134		13.4	222	64.88	3.12	87.3	39.2	121.7	57	0.48	944
26.00	27.00	136072	CORE_HALF	0.1775		177.5	514	83.18	7.29	68.2	139.3	112.6	82	0.69	1619
27.00	29.00	136073	CORE_HALF	0.0135		13.5	401	69.7	7.84	86.1	74.6	148	67	0.72	1682
29.00	31.00	136074	CORE_HALF	0.0086		8.6	320	67.18	4.89	70.4	33.6	116.1	52	0.58	1949
31.00	33.00	136075	CORE_HALF	0.0113		11.3	502	84.96	8.18	82.1	84.3	186.1	84	0.73	1327

		136076	CORE_HALF	0.0105	10.5	494	86.41	8.17	81.6	84.1	193.2	82	0.71	1395
33.00	35.00	136077	CORE_HALF	0.006	6	263	72.78	5.5	79.1	41.4	379.3	63	0.57	1529
35.00	37.00	136078	CORE_HALF	0.0058	5.8	273	68.51	6.25	77.4	49.3	300.8	48	0.67	1871
37.00	39.00	136079	CORE_HALF	0.0035	3.5	246	67.72	7.37	75.1	31.6	279.6	54	0.65	1651
39.00	41.00	136080	CORE_HALF	0.0042	4.2	277	74.29	23.34	78.8	38.7	262.7	68	0.51	1628
41.00	43.00	136081	CORE_HALF	0.0095	9.5	623	85.43	30.94	83.2	91.3	110.6	105	0.81	1186
43.00	44.00	136082	CORE_HALF	0.0006	0.6	335	283.4	2.1	78.9	28	178.8	54	0.98	673
44.00	45.00	136083	CORE_HALF	0.0039	3.9	[illegible]	87.83	5.13	[illegible]	35.2	132.9	41	[illegible]	[illegible]
45.00	47.00	136084	CORE_HALF	0.0086	8.6	147	26.43	1.86	85.9	22.5	153.9	25	0.78	1028
47.00	49.00	136085	CORE_HALF	0.0064	6.4	105	9.88	1.76	84.2	14.6	127.6	24	0.4	933
49.00	51.00	136086	CORE_HALF	0.0087	8.7	228	16.04	4.65	93.6	52	137.9	34	0.66	507
51.00	52.00	136087	CORE_HALF	0.0063	6.3	315	102	4.54	87.9	61.4	203.1	53	0.81	604
52.00	53.00	136088	CORE_HALF	0.0082	8.2	291	68.89	5.4	94.5	44.2	168.5	84	0.6	1181
53.00	54.00	136089	CORE_HALF	0.0108	10.8	261	61.99	9.61	98.2	98.1	126.4	119	0.69	1020
54.00	55.00	136090	CORE_HALF	0.0124	12.4	280	56.31	9.68	74.9	107	117.6	101	0.78	1176
55.00	57.00	136091	CORE_HALF	0.0068	6.8	215	77.65	5.06	80.2	70.2	202.3	30	0.59	1398
57.00	59.00	136092	CORE_HALF	0.0091	9.1	250	73.05	8.65	70.3	49.6	226.3	39	0.74	1309
59.00	61.00	136093	CORE_HALF	0.0105	10.5	233	69.23	7.57	72.8	46.1	165.8	39	0.85	1148
61.00	63.00	136094	CORE_HALF	0.013	13	298	102.5	11.07	83.9	49.5	199.6	45	0.9	1339
63.00	65.00	136095	CORE_HALF	0.0041	4.1	147	67.64	3.34	74.4	29.6	223.6	25	0.5	1417
65.00	67.00	136096	CORE_HALF	0.0023	2.3	209	128	2.43	104.5	45.2	175.8	27	0.4	1650
67.00	68.00	136097	CORE_HALF	0.0056	5.6	445	213.17	3.57	145.6	66.5	252.8	80	0.67	1583
68.00	69.00	136098	CORE_HALF	0.0084	8.4	426	76.13	8.58	93	125.4	196.5	54	1.09	793
69.00	71.00	136099	CORE_HALF	0.0201	20.1	136	17.11	2.32	84.2	5	194.5	25	0.43	890
		136100	CORE_HALF	0.0112	11.2	104	14.63	2.14	84.2	4.6	194.7	34	0.38	884
71.00	73.00	136101	CORE_HALF	0.0081	8.1	145	11.25	5.72	66.6	12	334.8	11	0.39	1271
73.00	75.00	136102	CORE_HALF	0.0096	9.6	147	25.33	4.04	77.2	11.6	226	20	0.57	831
75.00	77.00	136103	CORE_HALF	0.027	27	208	33.72	8.04	75.2	37.7	171.4	32	0.5	1146
77.00	79.00	136104	CORE_HALF	0.002	2	87	34.23	3.65	85.8	10.9	230	42	0.35	1656
79.00	81.00	136105	CORE_HALF	0.0005	0.5	22	5.12	2.02	72	1.4	199.2	18	0.16	1226
81.00	83.00	136106	CORE_HALF	0.0005	0.5	18	4.97	1.89	92.5	2.5	406.3	65	0.21	985
83.00	84.00	136107	CORE_HALF	0.0014	1.4	42	7.03	1.79	65.7	5	320.8	81	0.71	1101
84.00	85.45	136108	CORE_HALF	0.0009	0.9	32	18.52	2.92	77.8	3.3	258.7	58	0.39	1145
85.45	87.00	136109	CORE_HALF	0.0307	30.7	171	10.62	5.76	37.8	140.2	151.2	42	1.07	882
87.00	88.00	136110	CORE_HALF	0.0012	1.2	176	218.78	9.76	98.1	17.2	126.9	144	11.33	1035
88.00	90.00	136111	CORE_HALF	0.0009	0.9	356	315.65	1.75	106.6	13.6	124.5	144	0.88	631
90.00	92.00	136112	CORE_HALF	0.0011	1.1	306	279.53	1.51	63.6	8.4	144	83	0.45	1078
92.00	94.00	136113	CORE_HALF	0.001	1	146	144.67	1.72	78.6	10.1	170	54	0.42	1689
94.00	96.00	136114	CORE_HALF	0.0018	1.8	104	113.25	3.38	91.3	20	228.6	49	0.83	1429
96.00	98.00	136115	CORE_HALF	0.0099	9.9	222	47.95	11.07	70.8	37.3	259.2	13	0.64	1173
98.00	100.00	136116	CORE_HALF	0.0053	5.3	87	6.8	2.98	67.4	1.1	377.4	15	0.31	1127
100.00	102.00	136117	CORE_HALF	0.0027	2.7	85	5.92	2.32	73.8	1.8	210.9	12	0.38	901
102.00	104.00	136118	CORE_HALF	0.0053	5.3	86	7.79	1.45	60.9	0.4	303.3	18	0.29	921

104.00	106.00	136119	CORE_HALF	0.0034	3.4	76	5.46	2.73	67.1	1.1	170.3	14	0.35	1197
106.00	108.00	136120	CORE_HALF	0.0034	3.4	64	5.59	5.18	79.9	3.9	157	15	0.45	1599
108.00	110.00	136121	CORE_HALF	0.0049	4.9	53	13.08	3.64	74.9	6.2	173.6	7	0.28	1670
110.00	112.00	136122	CORE_HALF	0.0047	4.7	78	14.26	7.97	94	1.6	316.3	8	0.93	1206
112.00	114.00	136123	CORE_HALF	0.0076	7.6	106	12.17	9.9	66.9	8.4	252.6	8	0.35	1499
114.00	116.00	136124	CORE_HALF	0.0073	7.3	132	2.67	5.87	57.3	0.7	308.7	10	0.21	994
116.00	118.00	136125	CORE_HALF	0.0256	25.6	152	33.46	18.83	60.1	42.2	203.7	12	0.61	919
		136126	CORE_HALF	0.0111	11.1	109	23.45	18.29	59.9	38.2	502	11	0.45	863
118.00	120.00	136127	CORE_HALF	0.0053	5.3	123	3.79	7.71	79.9	0.5	239.2	8	0.38	904
120.00	122.00	136128	CORE_HALF	0.002	2	107	2.08	7.19	77.2	0.3	153.5	15	0.27	873
122.00	124.00	136129	CORE_HALF	0.0019	1.9	110	3.28	7.18	83.9	0.5	170.3	19	0.47	1271
124.00	126.00	136130	CORE_HALF	0.0077	7.7	173	3.44	7.72	72.7	0.2	131.8	23	0.49	1484
126.00	128.00	136131	CORE_HALF	0.005	5	111	3.31	7.57	78.4	0.5	416.2	17	0.44	1325
128.00	130.00	136132	CORE_HALF	0.001	1	45	2.94	4.75	77.8	0.5	207.7	19	0.48	1200
130.00	132.00	136133	CORE_HALF	0.0005	0.5	20	5.41	3.38	80.9	1.5	178.5	14	0.65	1038
132.00	134.00	136134	CORE_HALF	0.001	1	114	7.62	9.19	74.9	1.3	175.1	38	0.26	971
134.00	136.00	136135	CORE_HALF	0.0034	3.4	138	9.8	5.26	74.1	1.3	293.6	44	0.37	1263
136.00	138.00	136136	CORE_HALF	0.0049	4.9	145	9.25	3.68	76.7	1.2	349.7	182	0.77	1013
138.00	140.00	136137	CORE_HALF	0.0031	3.1	51	4.79	3.48	54.5	0.7	863.4	89	0.5	913
140.00	142.00	136138	CORE_HALF	0.0027	2.7	36	5.68	1.83	53.1	3.8	679	189	0.8	1234
142.00	144.00	136139	CORE_HALF	0.0012	1.2	60	12.43	3.03	61.3	5.8	174.7	98	3.4	2597
144.00	145.00	136140	CORE_HALF	0.0016	1.6	101	17.31	2.17	54	5.2	426.7	300	5.39	2277
145.00	146.00	136141	CORE_HALF	0.001	1	58	9.39	3.62	63.5	5.8	599.9	155	2.93	3715
146.00	147.85	136142	CORE_HALF	0.0025	2.5	91	13.42	2.55	54.1	5.4	1276.3	226	3.14	1664
147.85	150.00	136143	CORE_HALF	0.0019	1.9	53	7.22	2.03	56.9	4.9	257.5	85	0.82	1116
150.00	152.00	136144	CORE_HALF	0.0029	2.9	96	13.03	2.59	53.5	1.9	285.2	132	1.44	1175
152.00	153.00	136145	CORE_HALF	0.0012	1.2	43	9.46	2.02	38.1	1.6	600.8	21	0.65	1467
153.00	154.00	136146	CORE_HALF	0.0031	3.1	47	3.46	1.62	56.1	0.7	323.8	92	0.54	1031
154.00	156.00	136147	CORE_HALF	0.0029	2.9	82	5.98	2.36	51.2	1.2	615.8	75	0.7	1052
156.00	158.00	136148	CORE_HALF	0.0075	7.5	170	9.3	2.77	55.8	1.1	679.9	264	1.2	1010
158.00	160.00	136149	CORE_HALF	0.0013	1.3	66	18.34	2.94	79.5	1.5	420.2	101	1.11	1047
		136150	CORE_HALF	0.0011	1.1	38	5.17	5.19	77.8	1.2	668	60	0.29	1075
160.00	161.00	136151	CORE_HALF	0.0022	2.2	56	6.83	2.21	61.5	1.1	320.1	72	0.4	892
161.00	163.00	136152	CORE_HALF	0.0031	3.1	98	5.97	2.44	61.3	1	341.6	53	0.7	899
163.00	165.00	136153	CORE_HALF	0.0025	2.5	96	5.29	2.31	61	1.1	652.6	70	0.76	923
165.00	167.00	136154	CORE_HALF	0.0033	3.3	128	14.99	2.39	79.5	0.8	355.1	67	0.32	901
167.00	169.00	136155	CORE_HALF	0.0041	4.1	149	22.32	9.17	75.6	1.6	285.9	11	0.6	808
169.00	171.00	136156	CORE_HALF	0.0014	1.4	348	173.15	4.17	66.9	3.9	487.9	80	0.98	1017
171.00	173.00	136157	CORE_HALF	0.0019	1.9	99	12.05	1.66	114.7	2.7	178.8	19	0.15	731
173.00	175.00	136158	CORE_HALF	0.0015	1.5	199	46.91	2.03	115.7	4.8	179.9	56	0.2	893
175.00	177.00	136159	CORE_HALF	0.0018	1.8	326	88.37	4.23	96	9.8	261.9	75	0.39	1251
177.00	179.00	136160	CORE_HALF	0.001	1	240	77.47	6.64	94.8	29.7	159.3	54	1.89	1325
179.00	181.00	136161	CORE_HALF	0.0023	2.3	121	9.8	5.81	125.5	2.8	355.6	31	0.78	2090

181.00	183.00	136162	CORE_HALF	0.0022	2.2	80	4.89	2.68	70.9	1.2	265.6	30	0.38	1065
183.00	185.00	136163	CORE_HALF	0.001	1	42	1.84	1.61	89.3	0.8	293.4	41	0.17	1078
185.00	186.50	136164	CORE_HALF	0.0029	2.9	83	20.52	2.31	68.8	1.9	312.7	31	0.29	1031
186.50	187.50	136165	CORE_HALF	0.0041	4.1	131	6.76	3.64	68.1	3.8	255.6	66	0.38	1464
187.50	189.00	136166	CORE_HALF	0.0015	1.5	34	16.8	1.88	110.2	2.3	403	19	0.2	1626
189.00	190.00	136167	CORE_HALF	0.0012	1.2	104	21.44	8.07	101.9	2.8	237.9	61	0.53	1524
190.00	191.00	136168	CORE_HALF	0.0027	2.7	143	60.47	4.21	101.2	32.3	182.9	236	0.85	1073
191.00	192.00	136169	CORE_HALF	0.0004	0.4	308	155.2	3.48	100.4	123.1	108.5	173	1.38	2150
192.00	193.00	136170	CORE_HALF	0.0044	4.4	444	204.34	8.39	80.9	161.6	132.3	215	0.99	3786
193.00	194.00	136171	CORE_HALF	0.0069	6.9	494	177.12	18.15	104	135.6	47.4	3719	1.53	2232
194.00	195.00	136172	CORE_HALF	0.004	4	192	111.61	8.45	79.1	50.8	272.7	210	0.96	1447
195.00	196.00	136173	CORE_HALF	0.0045	4.5	211	91.34	11.47	122.1	147.7	114.1	219	1.23	1564
196.00	197.00	136174	CORE_HALF	0.0018	1.8	158	81.08	7.9	90.8	59.9	171.6	280	1.35	1040
197.00	198.00	136176	CORE_HALF	0.0007	0.7	384	125.47	13.52	71.7	213.1	121.2	824	3.27	1979
		136175	CORE_HALF	0.0058	5.8	563	122.86	23.31	74.5	350.7	69	1542	3.37	1665
198.00	199.00	136177	CORE_HALF	0.0058	5.8	374	158.11	11.08	92	177.2	130.1	773	2.1	1214
199.00	200.00	136178	CORE_HALF	0.0045	4.5	358	126.98	11.25	86.6	146.1	194.2	915	2.04	1631
200.00	201.00	136179	CORE_HALF	0.0024	2.4	350	94.18	7.89	62.2	116.4	251.1	184	1.22	1321
201.00	202.00	136180	CORE_HALF	0.0013	1.3	253	72.18	9.79	76.3	26.3	187.6	157	1.14	1439
202.00	204.00	136181	CORE_HALF	0.0018	1.8	287	58.15	10.79	73.8	14.9	194.6	344	1.65	1722
204.00	205.00	136182	CORE_HALF	0.0011	1.1	220	56.93	7.67	73.4	20.3	202.3	109	1.21	1066
205.00	206.00	136183	CORE_HALF	0.0012	1.2	293	99.05	9	76.5	41.8	208.5	210	1.7	1095
206.00	207.00	136184	CORE_HALF	0.0014	1.4	301	72.48	9.14	81.5	29.4	188.4	241	1.51	1491
207.00	208.00	136185	CORE_HALF	0.0011	1.1	267	19.98	13.68	69.1	27.4	170.9	263	1.35	1682
208.00	209.00	136186	CORE_HALF	0.0023	2.3	213	94.85	14.24	111.6	33.1	74.9	562	4.87	1533
209.00	210.00	136187	CORE_HALF	0.009	9	374	134.38	47.38	126.3	29.7	38.9	651	5.84	1283
210.00	211.00	136188	CORE_HALF	0.0085	8.5	307	152.6	23.24	117.9	66.9	35.6	596	6.81	1706
211.00	212.00	136189	CORE_HALF	0.0077	7.7	221	112.64	14.11	75.8	17.4	30	383	4.74	2037
212.00	213.00	136190	CORE_HALF	0.01	10	293	130.41	13.03	90.5	22.1	31.2	345	1.96	1481
213.00	215.00	136191	CORE_HALF	0.0557	55.7	457	131.39	12.27	105.2	19.5	82.1	341	1.46	2029
215.00	217.00	136192	CORE_HALF	0.0137	13.7	521	124.75	8.24	102.8	13.2	117.6	594	1.03	1485
217.00	219.90	136193	CORE_HALF	0.0134	13.4	645	133.79	6.59	103.2	12.9	97.3	330	0.91	1517
219.90	221.00	136194	CORE_HALF	0.67	0.67 501.6	922	112.38	10.35	96.2	53.1	108.2	646	2.3	2435
221.00	223.00	136195	CORE_HALF	0.4358	435.8	773	108.19	8.7	84.5	25.3	99.9	377	1.82	2910
223.00	225.00	136196	CORE_HALF	8.0863	8086.3	2494	205.5	14.4	104.3	33.8	93.2	922	2.05	2158
225.00	227.00	136197	CORE_HALF	0.0157	15.7	739	118.8	8.54	81.3	12.1	104.3	296	1.53	1949
227.00	229.00	136198	CORE_HALF	0.0098	9.8	758	114	8.42	96.7	8.8	107.2	218	1.35	1708
229.00	231.00	136199	CORE_HALF	0.0433	43.3	837	129.92	9.09	102.1	16.9	96.1	479	2.16	2385
		136200	CORE_HALF	0.0382	38.2	866	117.11	10.39	101.2	27.3	99.9	689	2.59	2418
231.00	233.00	136201	CORE_HALF	1.78	1.78 508	1391	134.41	13.09	103.6	24.2	116.2	864	2.33	2185
233.00	235.00	136202	CORE_HALF	0.069	69	1142	130.89	13	89	19.1	141.3	507	1.93	2619
235.00	237.00	136203	CORE_HALF	0.0756	75.6	744	99.17	10.28	82.1	16.3	101.2	410	1.57	2846
237.00	239.00	136204	CORE_HALF	0.0701	70.1	769	97.09	12.68	84.2	28.5	98.7	300	2.15	2372

239.00	241.00	136205	CORE_HALF	0.041	41	947	174.81	9.14	106.9	34.4	143.5	485	2.44	1511
241.00	243.00	136206	CORE_HALF	0.0141	14.1	616	128.76	10.14	85.7	32.5	144.8	526	2.37	1654
243.00	245.00	136207	CORE_HALF	0.005	5	420	145.3	6.42	111.9	8.8	153.1	431	1.29	1612
245.00	247.00	136208	CORE_HALF	0.0034	3.4	404	123.06	3.42	87.9	7	176.9	188	1.1	1888
247.00	249.00	136209	CORE_HALF	0.0197	19.7	501	119.68	5.19	86.6	12.6	177.1	230	1.26	2176
249.00	251.00	136210	CORE_HALF	0.051	51	567	115.51	6.55	110.4	11.9	133.3	199	1.33	2113
251.00	253.00	136211	CORE_HALF	0.0094	9.4	541	133.15	5.8	100.3	14.6	214.3	254	1.52	2094
253.00	255.00	136212	CORE_HALF	0.0106	10.6	257	76.06	4.17	92.2	11	146.9	174	0.78	1964
255.00	257.00	136213	CORE_HALF	0.0045	4.5	375	99.98	3.22	84.3	3.6	135.1	68	0.86	2056
257.00	259.00	136214	CORE_HALF	0.0097	9.7	472	107.06	5.78	96.4	7.8	98.8	118	1.11	2157
259.00	261.00	136215	CORE_HALF	0.0042	4.2	513	143.84	3.55	92.7	6.2	119.6	100	1.04	1984
261.00	263.00	136216	CORE_HALF	0.0067	6.7	457	101.01	5.55	84.1	13.4	187.5	136	1.69	2275
263.00	265.00	136217	CORE_HALF	0.0095	9.5	499	164.32	5.15	109.8	18.6	144.3	241	1.5	1845
265.00	267.00	136218	CORE_HALF	0.0059	5.9	612	171.41	4.89	131	8.4	169.6	323	1.49	1935
267.00	269.00	136219	CORE_HALF	0.0104	10.4	362	107.07	4.85	70.1	12.2	160.9	189	1.5	1727
269.00	271.00	136220	CORE_HALF	0.4139	413.9	1605	154.54	10.09	61.9	54.2	122.3	559	4.41	3253
271.00	273.00	136221	CORE_HALF	0.0303	30.3	570	116.75	5.51	79.3	33.3	120.2	349	2.81	2089
273.00	274.00	136222	CORE_HALF	0.0178	17.8	972	150.79	12.74	85.7	39.1	111	489	46.26	1891
274.00	275.00	136223	CORE_HALF	0.0099	9.9	427	95.52	4.24	77.6	27.1	301.7	784	40.21	1581
275.00	276.00	136224	CORE_HALF	0.0064	6.4	335	94.16	3.7	74.8	32.7	514.9	612	38.26	1231
276.00	277.00	136225	CORE_HALF	1.2241	1224.1	951	117.31	4.31	66.6	52.3	175.8	1108	50.58	2557
		136226	CORE_HALF	2.763	2763	1013	123.67	4.19	66.2	51.4	124.8	1173	49.74	2237
277.00	278.00	136227	CORE_HALF	1.0647	1064.7	2161	226.65	7.51	67.5	60.7	135.8	1825	80.94	3032
278.00	279.00	136228	CORE_HALF	0.1166	116.6	1436	136.59	9.98	79.4	116.7	112	630	5.7	3323
279.00	281.00	136229	CORE_HALF	0.0217	21.7	824	116.36	9.58	75.4	21	127.9	315	1.93	2149
281.00	282.00	136230	CORE_HALF	0.0221	22.1	1096	137.31	11.95	72.5	23.5	133.7	345	6.44	1973
282.00	283.00	136231	CORE_HALF	0.005	5	573	107.01	4.64	89.6	21.4	130.7	155	7.63	1642
283.00	284.00	136232	CORE_HALF	0.0033	3.3	680	146.25	4.06	81.4	19.2	127.1	243	12.21	1709
284.00	285.00	136233	CORE_HALF	0.0052	5.2	648	160.64	4.85	104.8	50.8	185.1	825	45.33	2074
285.00	286.00	136234	CORE_HALF	0.0016	1.6	308	136.34	9.91	81.1	48	203.4	723	44.66	1390
286.00	287.00	136235	CORE_HALF	0.002	2	323	131.82	10.56	138.6	30.1	201.6	791	37.13	1470
287.00	288.10	136236	CORE_HALF	0.0024	2.4	373	127.82	3.9	85.4	11.7	139.2	51	1.28	1689
288.10	289.25	136237	CORE_HALF	0.0548	54.8	225	27.41	5.2	68.8	18.8	76.7	179	3.01	1778
289.25	290.00	136238	CORE_HALF	0.0661	66.1	1427	119.72	11.51	98.9	78.5	157.7	801	17.34	1878
290.00	291.00	136239	CORE_HALF	0.0345	34.5	1095	88.52	10.63	74.1	86.8	139.5	678	7.65	2270
291.00	292.00	136240	CORE_HALF	0.0225	22.5	803	76.98	7.43	79.2	76.1	106.2	453	2.23	2864
292.00	293.00	136241	CORE_HALF	0.0254	25.4	1104	78.47	7.43	78.8	85.6	89.9	439	2.63	4005
293.00	294.00	136242	CORE_HALF	0.1156	115.6	1095	79.74	9.79	82	105	81.8	672	9.36	3901
294.00	295.00	136243	CORE_HALF	0.0191	19.1	1496	130.52	7.64	71	71.6	166.7	699	31.66	2688
295.00	296.00	136244	CORE_HALF	0.0143	14.3	931	104.8	6.56	76.2	41.1	77.2	451	16.1	2599
296.00	298.00	136245	CORE_HALF	0.0054	5.4	727	118.74	4.89	93.4	40	127.3	478	18.21	2057
298.00	299.50	136246	CORE_HALF	0.0129	12.9	624	89.45	14.91	71.1	56.2	259.3	456	19.1	2738
299.50	300.70	136247	CORE_HALF	0.0271	27.1	966	96.13	8.66	102	39.5	121.7	597	8.27	2983

300.70	302.00	136248	CORE_HALF	0.0051	5.1	573	113.19	2.75	81.1	14.1	148.6	310	14.14	1780
302.00	303.00	136249	CORE_HALF	0.0029	2.9	563	131.9	2.82	80.1	41.5	122.8	719	48.2	2084
		136250	CORE_HALF	0.0032	3.2	562	124.58	2.51	70.5	41	113.8	676	46.29	1910
303.00	304.00	136251	CORE_HALF	0.0035	3.5	602	105.16	3.24	93.2	57.8	131.5	642	29.64	2033
304.00	305.00	136252	CORE_HALF	0.0088	8.8	504	176.36	3.82	87.5	17.3	124.7	199	2.22	1922
305.00	306.00	136253	CORE_HALF	0.0389	38.9	1305	100.7	13.04	94.1	85.2	148.8	578	6.19	3691
306.00	307.00	136254	CORE_HALF	0.0284	28.4	970	126.08	11.1	68.1	42.5	128.2	190	3.05	3455
307.00	308.00	136255	CORE_HALF	0.0086	8.6	716	114.02	5.82	89.7	19.8	121.1	141	3.15	2297
308.00	309.00	136256	CORE_HALF	0.2362	236.2	876	102.18	5.61	98.9	17.3	214.5	123	1.58	2493
309.00	310.00	136257	CORE_HALF	0.0769	76.9	889	153.78	5.86	78.4	40.7	151.6	248	2.9	2431
310.00	311.00	136258	CORE_HALF	0.0057	5.7	449	74.39	6.03	58.4	20.3	115.7	128	1.71	3201
311.00	312.00	136259	CORE_HALF	0.3495	349.5	1015	184.07	7.69	70.1	43.6	147.8	314	2.95	3363
312.00	313.00	136260	CORE_HALF	3.7817	3781.7	1614	93.15	6.93	108.2	43.1	139.8	396	2.18	1913
313.00	314.00	136261	CORE_HALF	0.002	2	519	103.79	2.92	87.1	15.7	149	68	1.15	1605
314.00	316.00	136262	CORE_HALF	0.0107	10.7	468	167.8	10.71	87.4	32.1	300.1	119	1.37	1913
316.00	318.00	136263	CORE_HALF	0.0103	10.3	348	106.02	11.28	87.2	25	298.4	90	1.28	1768
318.00	320.00	136264	CORE_HALF	0.0014	1.4	363	166.95	9.03	71.6	9.3	296	217	0.98	1609
320.00	322.00	136265	CORE_HALF	0.0085	8.5	631	139.18	8.93	79.7	16.1	412.5	180	1.79	1519
322.00	324.00	136266	CORE_HALF	0.0035	3.5	500	157.12	8.87	71	13.1	363.1	236	1.47	1639
324.00	326.00	136267	CORE_HALF	0.0068	6.8	352	86.92	6.07	77.5	32.2	255.4	1431	2.07	1445
326.00	328.00	136268	CORE_HALF	0.0284	28.4	612	106.71	7.3	82.2	23	261.5	263	2.2	1993
328.00	330.00	136269	CORE_HALF	1.81	1.811577.1	2715	211.2	10.51	124.8	54.7	187.9	1072	6.1	2350
330.00	331.80	136270	CORE_HALF	0.1633	163.3	2234	134.84	26.28	98.3	82.8	184.1	1549	6.83	2113
331.80	333.15	136271	CORE_HALF	0.34	0.34 641.3	4428	163.47	80.57	173.4	77.8	78.4	1968	7.41	2306
333.15	333.75	136272	CORE_HALF	0.0299	29.9	1695	159.61	32.48	121.6	56.5	161.2	2296	9.96	2902
333.75	333.85	136273	CORE_HALF	1.33	1.331857.7	10609	225.72	93.41	232.3	140.1	82.2	2827	21.35	2240
333.85	335.00	136274	CORE_HALF	0.0156	15.6	752	73.83	10.62	111.5	89.7	159.5	969	4.65	1761
335.00	336.00	136275	CORE_HALF	0.0064	6.4	491	117.91	5.65	115.4	23.4	153.7	530	2.95	1644
		136276	CORE_HALF	0.0062	6.2	526	109.88	5.51	91.8	25.7	135.1	421	2.08	1592
336.00	337.00	136277	CORE_HALF	0.0301	30.1	1673	147.29	24.97	91.3	181.3	126.8	1777	10.21	1962
337.00	339.00	136278	CORE_HALF	0.02	20	1468	122.58	50.23	94.8	109.1	41.7	1573	17.62	2611
339.00	341.00	136279	CORE_HALF	0.0209	20.9	1340	106.5	68.99	168.9	57.6	39.3	1786	14.15	2728
341.00	343.00	136280	CORE_HALF	0.0189	18.9	934	122.59	47.42	156.5	52.9	36.5	1433	11.2	3380
343.00	344.60	136281	CORE_HALF	0.0231	23.1	993	127.63	65.88	447	57.1	31.6	2824	10.23	2766
344.60	346.00	136282	CORE_HALF	0.012	12	598	103.58	15.22	103.6	32.7	84.7	623	5.66	2887
346.00	347.00	136283	CORE_HALF	0.0181	18.1	1039	117.18	20.7	124.8	41.8	111.7	1069	9.96	3680
347.00	348.00	136284	CORE_HALF	0.0064	6.4	676	135.57	9.05	122	41.2	114	636	4.08	1901
348.00	349.00	136285	CORE_HALF	0.0122	12.2	689	138.05	16.46	110.7	134.6	95.6	1247	7	1444
349.00	350.00	136286	CORE_HALF	0.0242	24.2	749	179.64	24.15	118.8	333.9	105.2	2097	12.93	754
350.00	351.00	136287	CORE_HALF	0.0294	29.4	1215	119.97	21	112	164.4	99.1	1959	21.49	1077
351.00	352.00	136288	CORE_HALF	0.0176	17.6	970	107.53	38.97	367.6	433.8	69.2	4865	19.26	1471
352.00	353.00	136289	CORE_HALF	0.0117	11.7	866	93.02	26.56	73.3	244.8	32.8	2263	23.03	774
353.00	355.00	136290	CORE_HALF	0.0123	12.3	604	82.64	15.52	201.1	91.7	93.8	1537	8.51	1687

355.00	357.00	136291	CORE_HALF	0.0113	11.3	640	83.12	19.37	89.6	113.5	102	1765	11.38	1616
357.00	359.00	136292	CORE_HALF	0.0144	14.4	502	85.28	12.46	101.4	65.7	107.2	1099	6.26	1585
359.00	361.00	136293	CORE_HALF	0.008	8	331	79.27	8.47	87.1	48	101.5	1345	4.58	1362
361.00	363.00	136294	CORE_HALF	0.0057	5.7	233	85.21	7.01	101.7	30.9	99.4	611	3.7	1453
363.00	365.00	136295	CORE_HALF	0.0054	5.4	251	72.15	8.36	64.8	23.4	130.6	591	4.91	2043
365.00	366.40	136296	CORE_HALF	0.004	4	241	77.87	7.85	98.8	31.8	108.1	457	3.59	1346
366.40	367.80	136297	CORE_HALF	0.0071	7.1	302	66.49	10.46	69.1	99.9	112.9	613	5.6	1003

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_128

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_128	*Hole type*	Diamond drill Size NQ	*Date commenced*	22/09/2003
DataSet	SIBS	*Depth*	151.50 m	*Date completed*	23/09/2003
Location	Mercury Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	306724	*Notes*	Original coords are approximate.		

Collar Location

Field survey Differential GPS

	Grid ID	East	North	RL	Grid unit
Local Grid	SIB_Local	10708.00	9400.00	951.00	m
UTM Grid	NAD83_9	408732.47	6273494.83	960.00	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	93.5	Magnetic	117.0	-45.0	Compass	
151.49	m	91.0	Magnetic	114.0	-42.0	Camera	

Lithology

Logged by: Tony Worth

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	7.00		CASE			100	
7.00	144.50	M	YIOM	FOL		100	variably altered. Variable grain size
144.50	151.50	M	YIOR	FOL	EPC	100	Less altered

Alteration

From	To m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
7.00	16.75	Phyllic	pv	STG	CLAY	STG	PY	STG	SERI	STG	TLC/QZ	Silver micaceous clay - type unknown
16.75	19.85	Silicic/Silicification	pv	STG	QZ	STG	PY	STG	CLAY	STG	TLC/UNK/CPY/SP	UNK= grey metallic sulphide? - no cleavage(galena) - mm sized disseminations
19.85	23.00	Phyllic	pv	STG	SERI	STG	PY	STG	CLAY	MOD	TLC/QZ	
23.00	40.00	Phyllic	pv	STG	SERI	STG	PY	MOD	CLAY	MOD	TLC/QZ	Grading from strong-mod-wk downhole
40.00	50.65	Phyllic	pv	MOD	SERI	MOD	PY	MOD	CLAY	MOD	TLC/QZ	
50.65	51.35	Silicic/Silicification	pv	STG	QZ	STG	PY	STG	SERI	WK	CLAY/CL	Silca has reddish tinge in places
51.35	51.70	Phyllic	pv	STG	SERI	STG	PY	MOD	CLAY	MOD	QZ	
51.70	79.00	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CLAY	WK		Variable int - overall decreasing down hole to mod-wk
79.00	86.00	Phyllic	diss	WK	SERI	WK	PY	WK	CARB	WK		wk-mod
86.00	87.20	Phyllic	bd	MOD	SERI	MOD	PY	MOD	CARB	WK	QZ	
87.20	98.70	Phyllic	diss	WK	SERI	WK	PY	WK	CARB	WK		wk-mod
98.70	100.30	Phyllic	bd	MOD	SERI	MOD	PY	MOD	CARB	WK		
100.30	110.90	Phyllic	diss	WK	SERI	WK	PY	WK	CARB	WK		wk-mod
110.90	116.00	Phyllic	bd	MOD	SERI	MOD	PY	MOD	CARB	WK		

116.00	134.20	Phyllic	bd	WK	SERI	WK	PY	WK	CARB	WK		PY content increasing downhole
134.20	140.80	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CARB	WK		
140.80	142.60	Phyllic	diss	WK	SERI	WK	PY	WK	CARB	WK		
142.60	146.00	Phyllic	pat	MOD	SERI	MOD	PY	MOD	CARB	WK		
146.00	151.50	Phyllic	diss	WK	SERI	WK	PY	WK	CARB	WK		PY content increasing in last 1.5m.

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
7.00	7.50		QZ/PY	Laminated Veins	STG	80	
9.40	9.50		QZ/CARB	Planar Veins	MOD	10	
11.50	11.60		QZ	Irregular/deformed/segmented	MOD	9	
32.70	36.00		QZ/CARB	Planar Veins	WK	3	
45.00	45.40		QZ/HEM	Brecciated Veins	STG	70	Red jasper
48.30	48.45		QZ/CARB	Planar Veins	MOD	5	
56.60	57.30		QZ/CARB	Irregular/deformed/segmented	MOD	4	
61.60	62.55		QZ/CARB	Planar Veins	WK	4	
65.50	65.65		QZ/CARB	Planar Veins	WK	3	
71.70	72.70		QZ/CARB	Planar Veins	WK	10	Cross-cuts foliation
74.70	78.90		QZ/CARB/CL	Planar Veins	STG	60	
81.80	107.00		QZ/CARB	Irregular/deformed/segmented	MOD	4	
107.00	109.70		QZ/CARB/CL	Planar Veins	STG	200	
110.10	111.80		QZ/CARB	Irregular/deformed/segmented	WK	2	
113.10	118.90		CARB	Irregular/deformed/segmented	WK	2	
120.30	120.60		QZ/CARB	Planar Veins	STG	60	
121.00	125.00		QZ/CARB	Irregular/deformed/segmented	WK	3	
125.00	126.00		QZ/CARB	Irregular/deformed/segmented	STG	20	
126.50	129.60		QZ/CARB	Planar Veins	MOD	20	
129.60	130.50		QZ/CARB	Laminated Veins	STG	200	
130.50	140.65		QZ/CARB	Planar Veins	MOD	20	
142.40	151.40		QZ/CARB	Planar Veins	WK	15	Cross-cuts foliation

Structure

From	To	m	Structure	Intensity	Comments
7.00	16.75		undivided foliation-cleavage	STG	foliation deformed - probably folded. Not crenulated
			folded lithologies	WK	
16.75	19.85		breccia	STG	silicified zone - completely rehealed - unknown amount of deformation
19.85	40.00		undivided foliation-cleavage	STG	
40.00	129.00		undivided foliation-cleavage	MOD	foliation variable wk-stg. Overall mod.
129.00	140.70		undivided foliation-cleavage	MOD	QZ-CARB vein zone - wk-mod frac/fault zone
			fracture zone	WK	
140.70	151.50		undivided foliation-cleavage	MOD	

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge Dir.	Reliability	Comments
10.50		Foliation	17.0	338.0			65	94	low	
14.90		Foliation	19.0	71.0			89	0	low	
16.90		sulphide vein	45.0	109.0			48	0	low	pyrite-qtz breccia
20.00		Foliation	38.0	22.0			85	134	low	
25.30		Foliation	27.0	71.0			83	355	low	
30.00		Foliation	29.0	54.0			89	162	low	
32.50		Foliation	32.0	38.0			84	149	high	
33.90		quartz vein	25.0	65.0			88	352	high	boudinaged vein

37.00	Foliation	34.0	38.0		86	148	high	
41.00	Foliation	32.0	27.0		81	140	high	
47.00	Foliation	32.0	349.0		78	107	low	
50.60	Vein	48.0	33.0		83	319	low	qtz-py-carb vein
51.20	sulphide vein	55.0	295.0		66	262	low	pyrite-qtz breccia
52.00	Foliation	30.0	355.0		75	113	high	
56.90	Foliation	35.0	16.0		81	130	high	
62.10	Foliation	34.0	5.0		79	121	high	
66.60	Foliation	31.0						
70.00	Foliation	34.0	49.0		89	336	high	
71.70	quartz vein	58.0	213.0		24	252	high	12mm thick
71.90	quartz vein	59.0	224.0		30	251	high	10mm thick
72.65	quartz vein	57.0	202.0		18	256	high	9mm thick
75.00	Foliation	28.0	43.0		83	154	high	
75.30	Vein	41.0	92.0		61	356	high	qtz-carb-chl vein. 100mm thick
77.30	Vein	56.0	54.0		72	322	high	qtz-carb-chl vein. 55mm thick
77.80	Vein	47.0	38.0		85	319	high	qtz-carb-chl vein. 140mm thick
78.50	Foliation	24.0	33.0		73	145	high	
81.20	Foliation	30.0	355.0		72	109	high	
85.00	Foliation	30.0	11.0		73	124	high	
90.00	Foliation	36.0	16.0		79	127	high	
95.00	Foliation	32.0	22.0		77	133	high	
100.00	Foliation	33.0	16.0		76	128	high	
105.00	Foliation	30.0	22.0		75	134	high	
108.70	Vein	54.0	38.0		79	316	high	qtz-carb-chl vein. 500mm thick
110.00	Foliation	22.0	33.0		71	146	high	
115.10	Foliation	31.0	27.0		77	138	high	
118.30	sulphide vein	24.0	22.0		69	135	high	py-qtz vein, 7mm thick
120.00	Foliation	22.0	16.0		66	130	high	
120.40	Vein	25.0	186.0		18	132	high	qtz-carb vein, 90mm thick
125.00	Foliation	19.0	16.0		63	131	high	
125.10	Vein	16.0	197.0		30	148	high	qtz-carb vein, 27mm thick
129.30	Vein	54.0	120.0		41	346	high	qtz-carb vein, 40mm thick
129.40	Foliation	19.0	43.0		73	156	high	
129.70	Vein	32.0	22.0		77	133	high	qtz-carb vein, 150mm thick
130.30	Vein	23.0	33.0		72	146	high	qtz-carb vein, 35mm thick
130.90	Vein	55.0	43.0		76	318	high	qtz-carb vein, 90mm thick
131.60	Vein	26.0	170.0		18	84	high	qtz-carb vein, 20mm thick
132.00	Vein	46.0	322.0		86	269	high	qtz-carb vein, 40mm thick
135.00	Foliation	28.0	349.0		71	104	high	
135.10	Vein	57.0	240.0		40	247	high	qtz-filled breccia
136.10	Vein	55.0	317.0		76	270	high	qtz-carb vein, 20mm thick
140.00	Foliation	18.0	327.0		67	80	high	
140.40	Fault plane	42.0	5.0	155.0	68	193	high	
145.00	Foliation	35.0	27.0		81	136	high	
150.00	Foliation	43.0	22.0		87	130	high	

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
7.00	16.75	10	pyrite	diss	7	pyrite	bd	3				
16.75	19.85	15	pyrite	mass	7	pyrite	ff	5	pyrite	diss	3	UNK=metallic grey min not gn - poss not sulph
19.85	40.00	5	pyrite	bd	3	pyrite	diss	2				
40.00	50.35	2	pyrite	bd								
50.35	51.70	10	pyrite	diss	5	pyrite	ff					Smaller zone like 16.75-19.85m

51.70	79.00	2	pyrite	bd					
79.00	85.00	1	pyrite	bd					
85.00	87.20	2	pyrite	bd	1	pyrite	diss	1	
87.20	98.70	1	pyrite	bd					
98.70	100.30	4	pyrite	bd	3	pyrite	diss	1	
100.30	110.90	2	pyrite	bd	1	pyrite	diss	1	
110.90	116.00	4	pyrite	bd	3	pyrite	diss	1	
116.00	123.80	1	pyrite	bd	1				
123.80	134.20	3	pyrite	bd	2		diss	1	
134.20	140.80	3	pyrite	bd	2		ff	1	
140.80	142.60	1	pyrite	bd	1				
142.60	146.00	3	pyrite	bd	2		diss	1	
146.00	150.10	1	pyrite	bd	1				
150.10	151.50	2	pyrite	bd					

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
7.00	8.00	134455	CORE_HALF	0.0185		18.5	757	338.76	92.72	154.9	434.2	18.4	3756	35.77	479
8.00	9.00	134456	CORE_HALF	0.0213		21.3	453	92.83	67.89	165.5	491.5	15.5	2566	4.97	72
9.00	10.00	134457	CORE_HALF	0.015		15	396	81.98	115.57	218.3	433.6	16.2	2430	4.5	581
10.00	11.00	134458	CORE_HALF	0.0185		18.5	350	92.19	137.72	43.3	616.2	12.1	2295	6.48	36
11.00	12.00	134459	CORE_HALF	0.017		17	236	62.71	64.34	231.4	416.2	15.4	3509	5.62	40
12.00	13.00	134460	CORE_HALF	0.0155		15.5	354	62.06	58.34	33.1	396.5	12.4	2539	5.01	27
13.00	14.00	134461	CORE_HALF	0.0206		20.6	1417	439.87	66.9	67.7	538	13.3	8082	49.85	24
14.00	15.00	134462	CORE_HALF	0.0165		16.5	855	344.28	115.27	38.3	410.3	16	2280	46.28	8
15.00	16.00	134463	CORE_HALF	0.0125		12.5	344	84.98	56.1	13.2	268.8	20.7	1292	12.25	13
16.00	16.75	134464	CORE_HALF	0.0152		15.2	996	601.47	37.67	69.8	401.1	23.5	3530	108.95	18
16.75	17.50	134465	CORE_HALF	0.0863		86.3	15178	5079.2	387.84	453.4	1802.4	3.9	26606	776.12	4
17.50	18.50	134466	CORE_HALF	0.0411		41.1	6605	1350.4	50.26	118.4	508.3	12.3	7561	147.34	3
18.50	19.85	134467	CORE_HALF	0.1059		105.9	3955	3161.6	75.23	661	1127.9	7.3	15855	275.04	3
19.85	21.00	134468	CORE_HALF	0.0139		13.9	930	1048.6	137.37	146.5	517.8	11.7	5324	154.37	11
21.00	22.00	134469	CORE_HALF	0.0076		7.6	299	120.64	177.99	17.1	227.5	12.3	1914	18.8	11
22.00	23.00	134470	CORE_HALF	0.0249		24.9	1005	211.51	302.32	20.5	417.2	9	3071	34.18	12
23.00	25.00	134471	CORE_HALF	0.0108		10.8	510	124.96	97.44	30.1	353.6	11	3013	16.24	18
25.00	27.00	134472	CORE_HALF	0.0037		3.7	763	186.59	50.98	32.3	367.3	9	6538	25.53	36
27.00	29.00	134473	CORE_HALF	0.0018		1.8	262	116.55	35.13	82.1	366.6	11.2	1381	10.82	74
29.00	31.00	134474	CORE_HALF	0.0034		3.4	270	87.57	27.46	175.6	471.9	10.6	594	7.29	57
31.00	33.00	134475	CORE_HALF	0.0021		2.1	227	66.16	21.02	194.8	475.5	11.2	657	4.88	49
		134476	CORE_HALF	0.0017		1.7	247	90.86	22.33	41.6	391.2	10.2	389	5.26	74
33.00	35.00	134477	CORE_HALF	0.0031		3.1	393	59.51	31.64	38.1	322.3	10.6	2308	4.1	46
35.00	37.00	134478	CORE_HALF	0.0076		7.6	487	109.19	31.49	111.4	379.3	11.5	472	6.49	114
37.00	39.00	134479	CORE_HALF	0.0056		5.6	458	108.11	30.05	362.9	279.1	19	453	8.53	58
39.00	41.00	134480	CORE_HALF	0.0107		10.7	422	140.25	30.02	448.3	532.3	21.9	478	8.14	249
41.00	43.00	134481	CORE_HALF	0.0025		2.5	275	76.24	27.18	231.8	230.8	28.2	414	4.01	1628
43.00	45.00	134482	CORE_HALF	0.0031		3.1	303	110.84	29.87	291.7	200.3	42.5	239	5.95	3502
45.00	46.00	134483	CORE_HALF	0.0022		2.2	201	82.16	22.55	284.4	161.7	74.5	208	4.31	5076

46.00	48.00	134484	CORE_HALF	0.0028	2.8	273	94.34	25.59	176.7	311.8	40.3	154	5.84	3235
48.00	50.00	134485	CORE_HALF	0.0039	3.9	379	108.94	29.29	221.7	344.9	27	260	7.25	2156
50.00	50.60	134486	CORE_HALF	0.0032	3.2	1006	80.31	40.43	109.5	312.6	20.7	251	5.86	496
50.60	51.60	134487	CORE_HALF	0.005	5	1731	139.43	97.88	2063.6	450.2	13.6	1456	8.89	402
51.60	53.00	134488	CORE_HALF	0.0073	7.3	274	81.44	29.08	143	264.7	45.3	119	4.79	1062
53.00	55.00	134489	CORE_HALF	0.0036	3.6	330	85.16	38.25	177.6	285.1	40.7	155	5.19	1216
55.00	57.00	134490	CORE_HALF	0.0029	2.9	366	98.88	77.64	595.9	370.1	44.5	399	4.86	2708
57.00	59.00	134491	CORE_HALF	0.0011	1.1	620	153.12	111.74	420.0	500.1	47	200	8.06	3414
59.00	61.00	134492	CORE_HALF	0.0022	2.2	270	96.35	37.2	178.8	247.7	51.5	95	5.39	3223
61.00	63.00	134493	CORE_HALF	0.0015	1.5	291	267.7	27.18	203.3	210.4	186.1	121	10.43	5313
63.00	65.00	134494	CORE_HALF	0.0012	1.2	227	99.92	25.65	119.8	182.3	87.2	100	4.75	3444
65.00	67.00	134495	CORE_HALF	0.0012	1.2	216	63.04	26.54	141.7	192.6	69.1	104	2.77	3788
67.00	69.00	134496	CORE_HALF	0.0027	2.7	412	224.43	26.68	191.8	218.7	53.8	271	9.28	4180
69.00	71.00	134497	CORE_HALF	0.0031	3.1	201	74.4	19.97	197.2	201.5	32.3	187	3.47	2728
71.00	73.00	134498	CORE_HALF	0.003	3	175	111.85	12.97	205.5	132.9	75.4	157	6.37	4132
73.00	75.00	134499	CORE_HALF	0.0028	2.8	170	92.93	18.49	187.2	176.3	110.8	243	5.21	4674
		134500	CORE_HALF	0.0023	2.3	197	148.13	15.03	198.4	162.3	194.4	174	10.12	4763
75.00	77.00	134351	CORE_HALF	0.0019	1.9	167	64.63	16.31	199.3	102.7	161.1	147	4.2	2599
77.00	79.00	134352	CORE_HALF	0.0026	2.6	154	52.39	13.51	127.2	96.4	93.9	349	3.67	3464
79.00	81.00	134353	CORE_HALF	0.0014	1.4	80	64.43	7.87	98	74.4	130	67	2.5	2669
81.00	83.00	134354	CORE_HALF	0.0016	1.6	123	75.57	10.71	115.4	114.8	150.1	264	4.04	2434
83.00	85.00	134355	CORE_HALF	0.0015	1.5	100	73.96	10.62	131.4	117.7	129.6	144	3.23	2378
85.00	87.00	134356	CORE_HALF	0.0021	2.1	150	65.93	18.98	119.4	219.8	54.6	245	4.2	2477
87.00	89.00	134357	CORE_HALF	0.0018	1.8	91	72.92	8.33	97	136.9	144.2	105	3.89	2372
89.00	91.00	134358	CORE_HALF	0.0019	1.9	100	77.79	11.83	91	136.5	149	59	3.94	2068
91.00	93.00	134359	CORE_HALF	0.002	2	95	82.9	10.68	96.1	118.8	113.5	77	3.98	1697
93.00	95.00	134360	CORE_HALF	0.0016	1.6	109	79.75	9.97	103.3	81.5	220.6	129	5.54	2104
95.00	97.00	134361	CORE_HALF	0.0017	1.7	121	76.46	10.24	89.4	57.7	154.2	96	5.54	2312
97.00	99.00	134362	CORE_HALF	0.0022	2.2	149	66.85	15.42	106.6	126.7	81.7	90	5.03	2375
99.00	101.00	134363	CORE_HALF	0.0033	3.3	454	108.62	51.49	258.6	335.1	49.3	368	10.96	2750
101.00	103.00	134364	CORE_HALF	0.0019	1.9	275	68.14	28.01	94.9	293.9	66.7	99	5.22	2456
103.00	105.00	134365	CORE_HALF	0.0019	1.9	109	76.65	12.14	138.9	102.9	206.4	88	2.4	2437
105.00	107.00	134366	CORE_HALF	0.0017	1.7	160	72.15	23.04	101.7	187.6	53.9	106	3.78	2775
107.00	108.70	134367	CORE_HALF	0.0012	1.2	173	55.37	16.64	136.8	280.3	106.4	194	3.63	2954
108.70	109.70	134368	CORE_HALF	0.0008	0.8	102	19.5	17.72	70.4	92.9	92.4	50	2.15	4414
109.70	112.00	134369	CORE_HALF	0.0023	2.3	224	83.73	34.79	191.2	314.8	57.1	207	5.34	2970
112.00	114.00	134370	CORE_HALF	0.0034	3.4	392	90.87	87.1	335.3	270.4	34.3	376	6.94	2593
114.00	116.00	134371	CORE_HALF	0.0012	1.2	187	62.53	21.39	137.3	279.4	33.9	412	3.75	2498
116.00	118.00	134372	CORE_HALF	0.002	2	150	97.8	10.57	165	479.3	115.3	130	5.78	2383
118.00	120.00	134373	CORE_HALF	0.0017	1.7	127	61.38	15.15	112.9	497.7	54.5	182	6.19	1813
120.00	122.00	134374	CORE_HALF	0.0017	1.7	94	57.2	7.17	133.1	183.6	84.3	114	2.31	2067
122.00	124.00	134375	CORE_HALF	0.0017	1.7	123	66.59	11.38	119.7	325.3	69.9	97	4.74	2771
		134376	CORE_HALF	0.002	2	106	54.01	11.88	126.7	300.3	79.7	78	3.84	2823

124.00	126.00	134377	CORE HALF	0.0015	1.5	152	52.18	13.1	88.3	397.1	42.8	141	3.13	2667
126.00	128.00	134378	CORE HALF	0.0016	1.6	216	94.71	11.87	83.2	425.1	39.3	161	6.58	1460
128.00	129.65	134379	CORE HALF	0.0018	1.8	169	76.05	34.38	96.4	303.6	39.2	91	5.04	1621
129.65	130.90	134380	CORE_HALF	0.0008	0.8	71	29.51	6.37	93.1	142.9	154	54	2.31	3646
130.90	133.00	134381	CORE HALF	0.0025	2.5	233	100.64	19.93	309.2	164.1	114.2	194	9.16	2850
133.00	135.00	134382	CORE_HALF	0.0014	1.4	146	65.84	12.37	173.9	117.8	91.1	112	4.95	3118
135.00	137.00	134383	CORE HALF	0.0014	1.4	191	75.16	13.81	148.8	190.4	38.8	139	4.94	3211
137.00	139.00	134384	CORE_HALF	0.0020	2.0	272	98.41	29.79	140.6	217.2	31.1	231	2.36	2292
139.00	141.00	134385	CORE_HALF	0.0038	3.8	276	97.37	16.98	188.6	224.3	47.7	97	3.92	2892
141.00	143.00	134386	CORE_HALF	0.0182	18.2	739	235.13	27.79	149.6	310.6	25.9	134	8.95	1642
143.00	145.00	134387	CORE HALF	0.008	8	807	225.2	38.99	161.7	356.5	15.6	168	7.71	983
145.00	147.00	134388	CORE_HALF	0.0085	8.5	358	129.13	32.2	164.5	327.9	30.9	103	5.56	3901
147.00	149.00	134389	CORE HALF	0.0057	5.7	217	110.53	18.59	130.3	321.1	34.7	129	4.58	5156
149.00	151.00	134390	CORE_HALF	0.0048	4.8	332	203.65	20.28	164.8	440.9	20	137	8.45	5083
151.00	151.50	134391	CORE_HALF	0.0082	8.2	974	600.63	21.73	147.1	652.3	22.3	573	43.47	2768

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_129

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_129	*Hole type*	Diamond drill Size NQ	*Date commenced*	26/09/2003
DataSet	SIBS	*Depth*	346.65 m	*Date completed*	29/09/2003
Location	Mercury Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	306724	*Notes*	Original coords are approximate.		

Collar Location

Field survey GPS located

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	SIB_Local	10645.00	9250.00	957.00	m
UTM Grid	NAD83_9	408607.29	6273326.90	956.40	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	273.5	Magnetic	297.0	-45.0	Compass	
93.60	m	276.0	Magnetic	299.0	-43.5	Camera	
206.30	m	279.0	Magnetic	302.0	-42.0	Camera	
346.60	m	284.0	Magnetic	307.0	-34.0	Camera	

Lithology

Logged by: Tony Worth

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	3.20		CASE			100	
3.20	4.50		OOOO			100	mix of overburden and broken YIOO
4.50	75.50	M	YIOM	FOL		100	
75.50	91.10	M	YIOR	FOL	EPC	100	distinct epiclastic texture
91.10	93.80	M	YIOM	FOL		100	
93.80	113.00	M	YIOR	FOL	EPC	100	less distinct texture
113.00	118.20	F	YIOF	FOL	LAM	100	fine-med grained
118.20	141.00	M	YIOR	FOL	EPC	100	variable gsize/texture
141.00	181.20	M	YIOO	FOL	LAM	100	completely altered - shear zone
181.20	215.10	M	YIOR	FOL	EPC	100	variably lithic
215.10	219.00	F	YIOF	FOL	LAM	100	fine grained ash? Tuff but still with lithic clasts
219.00	225.00	M	YIOR	FOL	EPC	100	variably lithic
225.00	279.80	M	YIOM	FOL		100	weakly fol-mas uniformly medium grained
279.80	346.65	M	YIOR	FOL	EPC	100	

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
4.50	8.20		Phyllic	pv	STG	SERI	STG	PY	STG	CLAY	MOD	QZ	
8.20	18.25		Phyllic	bd	MOD	SERI	MOD	PY	MOD	CLAY	WK		
18.25	22.60		Phyllic	bd	STG	SERI	STG	PY	STG	CLAY	MOD	QZ	
22.60	34.80		Phyllic	pat	WK	SERI	WK	PY	MOD	CL	WK		
34.80	37.45		Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	WK		
37.45	43.05		Phyllic	pv	STG	SERI	STG	PY	STG	QZ	MOD		
43.05	75.50		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK	CL	Variable intensity wk-stg. Ave mod
75.50	91.60		Phyllic	rep	MOD	SERI	MOD	PY	MOD	QZ	MOD	CL/HEM	uniform alt - texture well preserved.specs of red - hem?
91.60	94.00		Phyllic	diss	WK	SERI	WK	PY	WK	HEM	WK		red specs - hem?
94.00	97.30		Phyllic	bd	MOD	SERI	MOD	PY	MOD	QZ	WK		
97.30	105.00		Phyllic	pv	STG	PY	STG	QZ	MOD	SERI	MOD	CLAY/FUC/CL	
105.00	112.30		Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	WK		
112.30	114.30		Phyllic	pv	STG	PY	STG	QZ	MOD	SERI	MOD	CLAY/FUC	Fault related
114.30	123.00		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK	CL	variable wk-stg int
123.00	131.00		Phyllic	diss	WK	SERI	WK	PY	WK	QZ	WK	CL	
131.00	136.70		Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	WK		
136.70	139.50		Phyllic	pv	STG	PY	STG	CLAY	STG	SERI	MOD	QZ/HEM	Green and cream-yellow clay - both talc??
139.50	141.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD	CLAY	MOD	QZ/CL	
141.00	145.15		Phyllic	pv	STG	PY	STG	QZ	STG	CLAY	MOD	SERI/HEM	
145.15	145.45		Sulphidic	pv	INT	PY	INT	CLAY	STG	QZ	MOD		
145.45	150.95		Silicic/Silicification	pv	INT	QZ	STG	CLAY	STG	PY	MOD	HEM	
150.95	158.00		Silicic/Silicification	pat	STG	QZ	MOD	PY	MOD	SERI	MOD	HEM/CPY	CCP in veinlets. Altn variable wk-stg
158.00	176.00		Phyllic	pv	STG	PY	STG	CLAY	STG	SERI	STG		completely altered - some si'd bands and some fault related clay zones.
			Silicic/Silicification	pat	MOD	QZ	STG	PY	STG				completely altered - some si'd bands and some fault related clay zones.
176.00	181.20		Altered (undifferentiated)	pv	INT	TLC	INT	PY	MOD	SERI	MOD	QZ	very soft but competent rock - soapy - talc?
181.20	182.90		Phyllic	pat	WK	SERI	WK	PY	WK	QZ	WK	TLC/HEM	fairly sharp contact
182.90	192.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	MOD	HEM	
192.00	198.20		Phyllic	pat	WK	SERI	WK	PY	WK	HEM	WK		
198.20	214.00		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	MOD	HEM	
214.00	214.50		Altered (undifferentiated)	pv	STG	CLAY	STG	PY	MOD	SERI	MOD		Fault related - clay not talc?
214.50	215.25		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	MOD	CLAY	
215.25	219.00		Altered (undifferentiated)	pv	MOD	CARB	MOD	CLAY	WK	SERI	WK	CL	general bleaching - mottled in places - py absent
219.00	240.90		Carbonatization	pv	MOD	CARB	MOD	CL	WK				
			Phyllic	pat	WK	SERI	WK	PY	WK				
240.90	250.55		Phyllic	pv	MOD	SERI	MOD	PY	STG				unsure if carb is separate alt phase or same
			Carbonatization	pv	MOD	CARB	MOD						unsure if carb is separate alt phase or same
250.55	251.30		Altered (undifferentiated)	pv	MOD	CARB	MOD	CLAY	WK	SERI	WK	PY	bleached zone
251.30	255.30		Carbonatization	pv	MOD	CARB	MOD	CL	WK				
			Phyllic	pv	MOD	SERI	MOD	PY	MOD	HEM	MOD		
255.30	263.50		Carbonatization	pv	WK	CARB	MOD	CL	WK				
263.50	264.80		Phyllic	pv	MOD	SERI	MOD	PY	STG	HEM	WK		
			Carbonatization	pv	WK	CARB	WK						
264.80	267.70		Phyllic	pv	WK	SERI	WK	PY	MOD	HEM	WK		

		Carbonatization	pv	WK	CARB	WK						
267.70	271.50	Phyllic	pv	MOD	SERI	MOD	PY	STG	HEM	WK		
		Carbonatization	pv	WK	CARB	WK						
271.50	277.55	Carbonatization	pv	WK	CARB	MOD	CL	WK				
277.55	286.50	Phyllic	pv	MOD	SERI	MOD	PY	MOD	HEM	WK		
		Carbonatization	pv	MOD	CARB	MOD						
286.50	311.00	Carbonatization	pv	WK	CARB	MOD	CL	WK				
311.00	313.25	Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK	HEM	
313.25	315.10	Silicic/Silicification	pv	INT	QZ	INT	PY	MOD	SERI	MOD	HEM	
315.10	318.00	Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	MOD	HEM	
318.00	330.85	Carbonatization	pv	WK	CARB	MOD	CL	WK				
330.85	332.90	Phyllic	pv	MOD	SERI	MOD	PY	MOD	CLAY	WK	QZ	fault related
332.90	345.60	Carbonatization	pv	WK	CARB	MOD	CL	WK				
345.60	346.10	Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	WK		
346.10	346.65	Carbonatization	pv	WK	CARB	MOD	CL	WK				

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
4.50	19.20		QZ/CARB	Undifferentiated Veins	WK	10	early parallel to foliation veins
19.20	20.10		QZ/CARB	Planar Veins	MOD	30	flatish west dipping late translucent vevins with sp
20.10	21.00		QZ/SP	Wispy	WK	4	
			QZ/CARB	Undifferentiated Veins	WK	10	
21.00	34.70		QZ/CARB/PY	Planar Veins	WK	5	roughly parallel to foliation
			QZ/CARB	Stringer Veins	WK	2	
34.70	36.10		QZ/CARB/CL	Irregular/deformed/segmented	MOD	100	
36.10	40.95		QZ/CARB/PY	Planar Veins	WK	5	
			QZ/CARB	Stringer Veins	WK	2	
40.95	42.70		QZ/CARB/CL	Irregular/deformed/segmented	MOD	50	
42.70	56.85		QZ/PY/CARB	Stringer Veins	WK	3	
56.85	68.00		QZ/CARB/CL	Irregular/deformed/segmented	MOD	30	
68.00	72.50		QZ/PY/CARB	Stringer Veins	WK	3	
72.50	77.40		QZ/CARB/CL	Irregular/deformed/segmented	MOD	30	
77.40	86.50		QZ/PY/CARB	Stringer Veins	WK	3	
91.10	94.00		QZ/CARB	Stringer Veins	WK	5	early deformed or parallel to fol veins
94.00	113.00		QZ/CARB	Stringer Veins	TR	3	
113.00	135.50		QZ/CARB	Stringer Veins	WK	5	
135.50	136.80		QZ/CARB/CL	Irregular/deformed/segmented	MOD	50	
136.80	140.35		QZ/CARB	Irregular/deformed/segmented	WK	20	
140.35	142.00		QZ/CARB/CL	Irregular/deformed/segmented	MOD	50	
142.00	145.00		QZ/CARB/CL	Irregular/deformed/segmented	MOD	20	V2 = silicified pyritic bands
			QZ/PY/UNK	Undifferentiated Veins	WK	40	
145.00	151.00		QZ/PY/UNK	Undifferentiated Veins	MOD	40	a/a not strictly veins. V2 same as earlier flat qz/sp veins but no sp
			QZ	Wispy	WK	5	
151.00	155.00		QZ/CARB	Stringer Veins	TR	3	
155.00	157.00		QZ/CARB	Irregular/deformed/segmented	WK	10	
			QZ	Wispy	WK		
157.00	159.90		QZ/CARB	Stringer Veins	TR	3	
159.90	160.20		QZ/CARB	Irregular/deformed/segmented	MOD	10	
160.90	181.90		QZ/CARB	Irregular/deformed/segmented	MOD	3	
181.90	183.20		QZ/CARB	Irregular/deformed/segmented	WK	2	
			QZ	Planar Veins	WK	10	
190.80	192.10		QZ/CARB	Irregular/deformed/segmented	MOD	20	
192.10	195.80		QZ/CARB	Planar Veins	WK	4	

198.25	207.15	QZ/CARB	Planar Veins	MOD	20	
		QZ/CARB	Irregular/deformed/segmented	WK	2	
209.00	211.90	QZ/CARB	Irregular/deformed/segmented	WK	6	
214.90	217.10	QZ/CARB	Irregular/deformed/segmented	MOD	4	
218.80	221.10	QZ/CARB	Irregular/deformed/segmented	STG	40	
221.10	222.30	QZ/CARB	Planar Veins	WK	3	
224.00	227.00	QZ/CARB	Planar Veins	WK	2	
227.00	227.40	QZ/CARB	Irregular/deformed/segmented	STG	35	
228.50	231.00	QZ/CARB	Planar Veins	STG	30	
231.00	236.80	QZ/CARB	Irregular/deformed/segmented	MOD	4	
236.80	238.50	QZ/CARB	Irregular/deformed/segmented	WK	2	
239.20	241.30	QZ/CARB	Planar Veins	MOD	18	
244.60	246.00	QZ/CARB	Irregular/deformed/segmented	WK	2	
247.50	250.50	QZ/CARB	Planar Veins	MOD	40	
255.25	256.25	QZ/CARB	Laminated Veins	MOD	110	
256.25	258.00	QZ/CARB	Planar Veins	WK	1	
262.40	264.00	QZ/CARB	Irregular/deformed/segmented	WK	3	
265.10	268.00	QZ/CARB	Planar Veins	WK	2	
269.70	270.20	QZ/CARB/CCP	Irregular/deformed/segmented	MOD	5	Chalcopyrite present in vein
271.35	271.50	QZ/CARB	Irregular/deformed/segmented	STG	100	
272.50	273.65	QZ/CARB	Laminated Veins	STG	100	Red jasper/hematite
275.25	279.30	QZ/CARB	Planar Veins	WK	2	
279.30	279.80	QZ/CARB	Laminated Veins	STG	100	
287.50	300.80	QZ/CARB	Planar Veins	WK	3	
300.80	301.70	QZ/CARB	Planar Veins	STG	18	
301.70	302.30	QZ/CARB	Planar Veins	MOD	9	
304.00	306.30	QZ/CARB	Planar Veins	MOD	40	
308.50	312.30	QZ/CARB/CPY	Planar Veins	MOD	60	Chalcopyrite
312.30	313.00	QZ/CARB/GN/SP/CPY	Planar Veins	WK	3	Galena sphalerite chalcopyrite
313.90	314.70	QZ/CARB	Irregular/deformed/segmented	WK	2	
314.70	315.00	QZ/CARB	Planar Veins	STG	150	
319.60	323.20	QZ/CARB/CPY	Irregular/deformed/segmented	WK	4	Chalcopyrite
326.80	327.10	QZ/CARB	Planar Veins	STG	80	
328.70	340.20	QZ/CARB	Planar Veins	WK	3	
342.50	344.00	QZ/CARB	Planar Veins	WK	3	
344.10	344.70	QZ/CARB	Irregular/deformed/segmented	MOD	5	
345.10	346.00	QZ/CARB	Irregular/deformed/segmented	MOD	4	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
4.50	22.60		undivided foliation-cleavage	STG	
			crenulation cleavage	WK	
22.60	34.80		undivided foliation-cleavage	MOD	mod-strong
34.80	43.05		undivided foliation-cleavage	STG	strong-mod
43.05	54.00		undivided foliation-cleavage	WK	variable
54.00	56.00		undivided foliation-cleavage	MOD	
56.00	66.80		undivided foliation-cleavage	WK	
66.80	70.50		fracture zone	WK	
			undivided foliation-cleavage	WK	
70.50	71.20		undivided foliation-cleavage	WK	
71.20	97.40		undivided foliation-cleavage	MOD	distinct flattening of lithic clasts from 76m on
97.40	98.00		fault zone	STG	
98.00	112.70		undivided foliation-cleavage	STG	strong-mod fol. Several fol // cm sized gouge zones
			fault zone	WK	

112.70	113.50	fault zone	STG	
113.50	114.30	fault zone	INT	
114.30	124.00	undivided foliation-cleavage	STG	
124.00	133.50	undivided foliation-cleavage	MOD	mod-strong
133.50	146.60	undivided foliation-cleavage	STG	several small flt gouge zones
		fault zone	MOD	
146.60	148.00	fault zone	STG	possibly sub // to core
148.00	151.00	undivided foliation-cleavage	STG	overprinted by silicification
151.00	156.20	undivided foliation-cleavage	MOD	
156.20	161.00	undivided foliation-cleavage	STG	
161.00	181.20	fault zone	INT	several small flt gouge zones
		fault zone	MOD	
181.20	189.90	undivided foliation-cleavage	MOD	
189.90	191.30	fracture zone	STG	broken/lost core - no gouge
191.30	214.05	undivided foliation-cleavage	MOD	
214.05	214.60	fault zone	MOD	
214.60	228.00	undivided foliation-cleavage	STG	
228.00	241.00	undivided foliation-cleavage	MOD	
241.00	247.00	undivided foliation-cleavage	STG	
		fault zone	MOD	
247.00	247.50	fault zone	STG	
247.50	250.00	undivided foliation-cleavage	STG	
250.00	250.55	fault zone	MOD	
		undivided foliation-cleavage	STG	
250.55	262.60	undivided foliation-cleavage	STG	
262.60	265.70	fault zone	STG	mod-strong flt (poss just poor drilling)
		undivided foliation-cleavage	STG	
265.70	271.30	undivided foliation-cleavage	STG	
271.30	271.60	fault zone	STG	1m of rubble for 30cm of core
271.60	287.00	undivided foliation-cleavage	STG	
287.00	313.25	undivided foliation-cleavage	MOD	
313.25	315.10	breccia	STG	completely rehealed with silica
315.10	330.85	undivided foliation-cleavage	MOD	
330.85	332.50	fault zone	STG	Most core missing
332.50	345.10	undivided foliation-cleavage	MOD	
345.10	346.10	undivided foliation-cleavage	STG	
346.10	346.65	undivided foliation-cleavage	MOD	

Point Structure

Depth	m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl Plunge	Dipl Plunge Dir.	Reliability	Comments
5.50		Foliation	54.0							
10.00		Foliation	59.0							
15.00		Foliation	52.0							
19.25		Vein	41.0							qtz-carb vein 30mm thick cross-cuts foliation
19.90		Foliation	48.0							
20.00		Vein	44.0							qtz-carb vein 70mm thick cross-cuts foliation
21.25		Vein	40.0							qtz-carb vein 35mm thick cross-cuts foliation
25.00		Foliation	59.0							
30.00		Foliation	55.0							
34.80		Vein	28.0							qtz-carb vein 150mm thick cross-cuts foliation
35.10		Foliation	42.0							
40.00		Foliation	54.0							
43.00		Foliation	42.0	10.0			87	304	high	

45.00	Foliation	53.0	26.0			79	133	high	
49.40	Foliation	51.0	40.0			79	143	high	
52.00	Foliation	56.0	35.0			76	138	high	new mark
55.00	Foliation	54.0	15.0			82	128	high	
57.10	Vein	20.0	40.0			73	338	high	qtz-carb vein 15mm thick
59.40	Foliation	39.0	30.0			87	322	high	
60.00	Vein	12.0	60.0			78	359	high	qtz-carb vein 30mm thick
60.90	Vein	63.0	90.0			52	154	high	qtz-carb vein 40mm thick
62.00	Vein	25.0	15.0			70	313	high	qtz-carb vein 20mm thick
62.90	Foliation	70.0	10.0			66	123	high	
62.90	Vein	48.0	10.0			88	126	high	qtz-carb vein 13mm thick
67.80	Foliation	62.0	5.0			74	121	high	new mark
72.00	Foliation	60.0							
75.70	Foliation	64.0	295.0			61	92	low	new mark
77.70	Foliation	42.0	25.0			88	317	high	
79.00	Foliation	53.0	30.0			80	137	high	
81.00	Foliation	67.0	30.0			67	131	low	
86.90	Foliation	51.0	350.0			85	113	low	new mark
90.00	Foliation	54.0	350.0			82	113	low	
95.10	Foliation	47.0	340.0			88	106	high	
97.80	Fault plane	45.0	5.0			89	303	high	fault gouge 200mm thick
100.60	Foliation	51.0	265.0			55	69	high	new mark
102.00	Foliation	62.0	15.0			74	126	high	
103.50	Foliation	67.0	25.0			68	129	high	
110.60	Foliation	53.0	15.0			83	128	low	new mark
112.00	Foliation	57.0	20.0			78	130	high	
113.50	Fault plane	50.0							cataclasite 200mm thick
114.25	Fault plane	55.0							cataclasite 100mm thick
116.90	Foliation	51.0							
121.90	Foliation	65.0							
123.90	Foliation	60.0	55.0			67	145	high	new mark
130.10	Foliation	69.0	80.0			53	145	high	new mark
134.90	Foliation	73.0	85.0			50	141	high	new mark
139.90	Foliation	52.0							
145.10	Foliation	48.0							
147.00	Fault plane	10.0							
150.10	Foliation	72.0							
155.00	Foliation	68.0							
160.50	Foliation	72.0							
161.80	Fault plane	72.0							
163.10	Fault plane	67.0							
167.00	Foliation	60.0	30.0			75	137	high	new mark
167.10	Fault plane	53.0							
170.00	Foliation	68.0							
175.00	Foliation	64.0							
180.00	Foliation	53.0	50.0	105.0		49	77	high	new mark. Talc schist
184.90	Foliation	62.0	55.0			67	147	high	
189.80	Foliation	67.0							
196.00	Foliation	68.0	355.0			70	120	high	new mark
200.00	Foliation	64.0	20.0			73	131	high	
202.50	Vein	69.0	30.0			67	133	high	laminated qtz-carb vein 70mm thick
205.00	Foliation	62.0	10.0			76	127	high	
209.50	Foliation	71.0	40.0			63	136	low	
214.00	Foliation	70.0	80.0			54	147	high	new mark

220.00	Foliation	72.0						
225.00	Foliation	72.0						
227.70	Foliation	70.0	65.0	59	143	high		new mark
228.80	Vein	50.0	30.0	84	141	high		laminated qtz-carb-chl vein 110mm thick
231.00	Vein	34.0	100.0	61	191	high		qtz-carb-chl vein 300mm thick
232.80	Fault plane	51.0	340.0	85	110	high		fault gouge in quartz vein
235.00	Foliation	68.0						
240.60	Foliation	68.0						
245.00	Foliation	79.0						
248.00	Foliation	82.0	355.0	56	121	high		new mark
248.30	Vein	73.0	250.0	44	99	high		laminated qtz-carb vein 35mm thick
249.40	Vein	80.0	290.0	52	110	high		qtz vein 33mm thick
255.00	Foliation	70.0						
258.30	Foliation	74.0	350.0	64	119	high		new mark
260.10	Foliation	65.0						
266.00	Foliation	75.0						
270.00	Foliation	73.0						
275.00	Foliation	64.0						
279.40	Vein	82.0						laminated qtz-carb vein 250mm thick
280.00	Foliation	59.0						
285.00	Foliation	60.0						
287.70	Foliation	60.0	15.0	85	134	high		new mark
289.70	Foliation	61.0	20.0	84	137	high		
295.00	Foliation	65.0						
300.00	Foliation	61.0						
305.00	Foliation	59.0						
310.00	Foliation	62.0	345.0	83	120	low		new mark
310.80	Vein	63.0	185.0	29	122	low		qtz-chalcopyrite vein 4mm thick
311.40	Vein	24.0	320.0	69	268	high		laminated qtz-carb-chl vein 170mm thick
312.40	Vein	35.0	170.0	8	207	high		qtz-galena-sphalerite vein 2mm thick
312.55	Vein	35.0	145.0	29	205	high		qtz-sphalerite-galena vein 3mm thick
313.00	Foliation	65.0	355.0	81	125	high		
314.80	Vein	47.0	5.0	81	310	high		laminated qtz-carb vein 180mm thick
317.00	Foliation	62.0	45.0	77	147	high		
320.90	Foliation	59.0	20.0	86	137	high		
321.60	Vein	70.0	270.0	58	103	high		qtz-chalcopyrite vein 18mm thick
323.00	Foliation	67.0	15.0	78	133	high		
328.20	Foliation	76.0						
332.90	Foliation	72.0						
335.80	Foliation	72.0	70.0	64	146	high		new mark
339.50	Foliation	78.0	215.0	47	118	high		
342.50	Foliation	78.0	195.0	44	123	high		
346.50	Foliation	68.0	145.0	39	147	high		

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
4.50	8.20	8	pyrite	bd	5	pyrite	diss	3				
8.20	18.25	5	pyrite	bd	4	pyrite	diss	1	chalcopyrite	blb	0.5	1 small zone of Chalco mixed in with banded py
18.25	22.60	8	pyrite	bd	5	pyrite	diss	3	sphalerite	vsel	0.5	
22.60	31.00	2	pyrite	diss	2							
31.00	32.20	5	pyrite	diss	4	pyrite	ff	1				
32.20	34.80	3	pyrite	diss	2	pyrite	ff	2				
34.80	43.05	7	pyrite	diss	4	pyrite	vsel	2	pyrite	ff	1	
43.05	75.50	3	pyrite	diss	1	pyrite	vsel	1	pyrite	ff	1	

75.50	91.60	5	pyrite	rep	3	pyrite	diss	1	pyrite	ff	0.5		
91.60	94.00	1	pyrite	diss									
94.00	97.30	4	pyrite	bd	3	pyrite	diss	1					
97.30	105.00	5	pyrite	diss	3	pyrite	bd	2					
105.00	106.40	2	pyrite	diss	1	pyrite	bd	1					
106.40	114.30	5	pyrite	diss	2	pyrite	bd	2	pyrite	rep	1		
114.30	116.00	2	pyrite	diss	1	pyrite	bd	1					
116.00	120.70	4	pyrite	diss	2	pyrite	bd	2					
120.70	133.45	2	pyrite	diss	1	pyrite	bd	1					variable but overall 2%
133.45	136.70	5	pyrite	diss	3	pyrite	bd	2					
136.70	139.50	7	pyrite	diss	5	pyrite	bd	3					
139.50	141.00	2	pyrite	diss	2								
141.00	145.15	4	pyrite	diss	2	pyrite	bd	2	chalcopyrite	blb	0.5		5-6 specs of ccp - usually related to late translucent vei
145.15	145.45	40	pyrite	mass	40								intense zone of py/clay/qz
145.45	151.80	5	pyrite	diss	5								
151.80	157.00	3	pyrite	diss	2	pyrite	vsel	1	chalcopyrite	blb	0.5		ccp/gn(?) a/a
157.00	159.00	7	pyrite	diss	7								
159.00	176.00	12	pyrite	diss	7	pyrite	bd	5					variable from 5-15% av 10-12%. also unknown grey/bl
176.00	181.20	5	pyrite	diss	5								
181.20	182.90	2	pyrite	diss	1	pyrite	ff	1					
182.90	187.40	4	pyrite	rep	2	pyrite	diss	2					
187.40	192.00	2	pyrite	diss	1	pyrite	rep	1					
192.00	198.20	1	pyrite	diss	1								
198.20	214.00	2	pyrite	diss	2								variable - up to 5% over short intervals
214.00	214.50	3	pyrite	diss	3								
214.50	215.25	1	pyrite	diss	1								
215.25	219.00	0.5	pyrite	diss	0.5								
219.00	240.90	1	pyrite	diss	1								
240.90	242.00	2	pyrite	diss	2								
242.00	250.55	5	pyrite	diss	3	pyrite	bd	2					banded py very fine grained - diff phase to dissem?
250.55	255.30	2	pyrite	diss	1	pyrite	bd	1					
255.30	263.50	1	pyrite	diss	1								
263.50	264.80	5	pyrite	diss	5								
264.80	267.70	1	pyrite	diss	1								
267.70	271.50	3	pyrite	diss	3								
271.50	277.55	2	pyrite	diss	2								variable 1 - 3
277.55	286.50	3	pyrite	diss	3								
286.50	311.00	0.5	pyrite	diss	0.5								
311.00	313.25	2	pyrite	fsel	2	galena	vsel	0.5	sphalerite	vsel	0.5		Py very distinctly infilling along cleavage planes. minor
313.25	315.10	5	pyrite	diss	3	pyrite	ff	2					
315.10	318.00	2	pyrite	diss	2	galena	vsel	0.5	sphalerite	vsel	0.5		
318.00	330.85	0.5	pyrite	diss	0.5								
330.85	332.90	5	pyrite	diss	3	pyrite	ff	2					
332.90	345.60	0.5	pyrite	diss	0.5								
345.60	346.10	3	pyrite	diss	2	pyrite	bd	1					
346.10	346.65	0.5	pyrite	diss	0.5								

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
4.00	5.00	136298	CORE_HALF	0.001		1	354	20.38	42.97	149.3	223.8	37.1	541	1.36	1087
5.00	6.00	136299	CORE_HALF	0.0018		1.8	328	26.05	56.46	246	410.9	25.6	1015	1.41	1059
6.00	7.00	136300	CORE_HALF	0.0015		1.5	355	25.07	31.52	101.7	330.4	24.8	700	1.48	1405

7.00	8.00	136301	CORE_HALF	0.0012	1.2	393	33.91	28.93	192.4	290.1	34.9	654	2.73	2111
8.00	9.00	136302	CORE_HALF	0.002	2	254	284.17	6.62	68.3	213.9	75.2	302	13.99	2092
9.00	10.00	136303	CORE_HALF	0.0029	2.9	111	60.68	11.15	72.3	206.8	46.2	128	3.1	1546
10.00	12.00	136304	CORE_HALF	0.0033	3.3	269	159.38	16.77	124.3	211.6	44.5	268	7.39	1940
12.00	14.00	136305	CORE_HALF	0.0014	1.4	403	78.53	51.33	209.1	163.7	37.8	479	3.67	1863
14.00	16.00	136306	CORE_HALF	0.0012	1.2	309	118.21	32.05	332.8	161.2	83.6	459	3.29	1669
16.00	18.00	136307	CORE_HALF	0.0013	1.3	333	130.48	32	204	184.8	62	349	5.1	1825
18.00	19.00	136308	CORE_HALF	0.0022	2.2	520	171.1	37.40	[illegible]	[illegible]	[illegible]	[illegible]	10.51	2221
19.00	20.00	136309	CORE_HALF	0.0019	1.9	249	34.43	62.7	418.7	150.2	24.9	664	1.7	2405
20.00	21.00	136310	CORE_HALF	0.002	2	268	38.28	41.89	553.8	211.4	30.1	912	2.53	1778
21.00	22.00	136311	CORE_HALF	0.0024	2.4	248	27.04	40.44	296.7	193.9	26.3	506	0.61	2450
22.00	24.00	136312	CORE_HALF	0.0023	2.3	259	59.56	27.65	146.2	155.2	60	457	5.59	1645
24.00	26.00	136313	CORE_HALF	0.0021	2.1	152	92.54	14.02	148.6	88.4	189.5	326	3.06	1676
26.00	28.00	136314	CORE_HALF	0.0027	2.7	154	49.63	13.5	103.4	158.3	94.5	102	3.36	1746
28.00	30.00	136315	CORE_HALF	0.0033	3.3	190	84.95	10.77	90.9	140	86.9	155	4.25	1521
30.00	32.00	136316	CORE_HALF	0.0038	3.8	166	129.54	9.42	67.8	163.7	53.9	79	4.94	1237
32.00	34.00	136317	CORE_HALF	0.0034	3.4	172	72.71	8.61	59.6	180.7	110.9	111	2.81	1821
34.00	35.00	136318	CORE_HALF	0.0022	2.2	85	65.86	5.76	82.7	81.4	176.1	40	2.22	1518
35.00	36.00	136319	CORE_HALF	0.0034	3.4	275	100.15	16.89	46.9	140	37.4	97	9.81	982
36.00	37.00	136320	CORE_HALF	0.0028	2.8	131	41.11	20.09	34.5	202.9	35.1	110	1.84	891
37.00	38.00	136321	CORE_HALF	0.0032	3.2	210	150.79	11.52	78	181.4	55	243	6.37	1318
38.00	40.00	136322	CORE_HALF	0.0034	3.4	208	86.77	24.88	64.7	202.7	21.6	175	3.22	776
40.00	42.00	136323	CORE_HALF	0.0027	2.7	288	96.43	30.16	240	199.8	45.8	284	4	1412
42.00	43.00	136324	CORE_HALF	0.0056	5.6	492	73.35	32.8	167.7	151.5	26.5	256	3.88	1363
43.00	45.00	136326	CORE_HALF	0.0057	5.7	458	193.18	18.53	109.2	95	53.7	127	3.36	1135
		136325	CORE_HALF	0.0057	5.7	397	149.51	16.48	110.5	87.3	55.2	116	2.26	1086
45.00	47.00	136327	CORE_HALF	0.0078	7.8	505	63.16	29.7	261.4	123.9	26.6	298	2.26	923
47.00	49.00	136328	CORE_HALF	0.0043	4.3	360	60.58	18.39	105.5	106	29.1	134	2.52	1019
49.00	51.00	136329	CORE_HALF	0.0056	5.6	693	115.08	16.9	116.3	145.2	36.1	170	3.55	1152
51.00	53.00	136330	CORE_HALF	0.004	4	363	97.13	15.32	162.1	183.2	40.7	163	2.1	1190
53.00	55.00	136331	CORE_HALF	0.0043	4.3	462	176.52	15.89	109.1	185.6	31.1	104	3.74	1084
55.00	57.00	136332	CORE_HALF	0.0161	16.1	787	156.86	17.23	93.7	135.4	39.1	147	2.53	1640
57.00	59.00	136333	CORE_HALF	0.0095	9.5	281	196.18	7.84	123.9	46.9	51.9	71	1.9	2526
59.00	61.00	136334	CORE_HALF	0.0067	6.7	427	159.8	18.44	75.2	139.8	28.6	82	2.12	1504
61.00	63.00	136335	CORE_HALF	0.006	6	336	258.54	12.15	85.3	98.8	43.6	89	2.76	1525
63.00	64.00	136336	CORE_HALF	0.0043	4.3	387	95.93	17.62	85.7	110.7	45.4	136	4.21	1846
64.00	65.00	136337	CORE_HALF	0.0053	5.3	433	284.16	14.45	103.3	144.9	33.7	145	2.75	1292
65.00	66.00	136338	CORE_HALF	0.0052	5.2	332	294.08	10.22	138.6	104.3	68.3	90	1.9	1760
66.00	68.00	136339	CORE_HALF	0.004	4	405	164.89	8.81	123.1	50.7	36.8	155	3.21	1823
68.00	70.00	136340	CORE_HALF	0.0059	5.9	389	243.31	13.19	118.4	124.7	39.9	192	2.12	1690
70.00	72.00	136341	CORE_HALF	0.0059	5.9	371	331.31	14.09	262.1	115.9	50	371	1.68	1516
72.00	74.00	136342	CORE_HALF	0.0058	5.8	382	193.73	14.2	128.6	124.6	43.1	196	2.06	1575
74.00	75.00	136343	CORE_HALF	0.0093	9.3	531	255.72	12.03	123.5	78.9	60.4	230	2.15	1814

75.00	76.00	136344	CORE_HALF	0.0047	4.7	494	146.58	24.57	116.9	115.4	25.5	238	1.73	2240
76.00	77.00	136345	CORE_HALF	0.0057	5.7	573	188.88	17.1	179.8	141.7	27.2	398	3.92	1324
77.00	78.00	136346	CORE_HALF	0.0054	5.4	540	122.61	33.54	238.3	155.4	23.8	415	1.66	1365
78.00	79.00	136347	CORE_HALF	0.0046	4.6	831	252.65	34.89	431.4	260.5	24.9	924	7.44	1698
79.00	81.00	136348	CORE_HALF	0.0046	4.6	834	168.86	39.47	282.6	264.9	26.5	656	3.53	2056
81.00	83.00	136349	CORE_HALF	0.01	10	790	199.61	37.51	360.6	260.7	27.1	759	4.68	1827
		136350	CORE_HALF	0.0104	10.4	834	211.68	37.83	221.1	248.7	27.5	550	5.47	1803
83.00	85.00	136351	CORE_HALF	0.0084	8.4	[illegible]	[illegible]	[illegible]	214	240.7	[illegible]	211	[illegible]	[illegible]
85.00	86.00	136352	CORE_HALF	0.0105	10.5	732	320.17	30.04	222	152	30.4	228	3.8	2550
86.00	88.00	136353	CORE_HALF	0.0135	13.5	1107	447.9	46.29	375.9	315.8	25.4	739	3.73	1856
88.00	90.00	136354	CORE_HALF	0.0117	11.7	1274	202.47	74.18	511.2	327.7	19.7	1161	4.4	1728
90.00	91.10	136355	CORE_HALF	0.0173	17.3	1076	107.96	55.1	366.7	288.5	19.8	1312	3.29	1636
91.10	93.00	136356	CORE_HALF	0.0092	9.2	635	608.9	17.95	266.7	145	82.4	268	3.24	2809
93.00	95.00	136357	CORE_HALF	0.0169	16.9	886	218.25	36.97	248.2	218.4	28.4	714	1.07	2278
95.00	97.00	136358	CORE_HALF	0.0171	17.1	1733	173.84	67.94	423.2	190	18.1	1049	2.39	2256
97.00	98.00	136359	CORE_HALF	0.0154	15.4	1820	827.94	49.19	453	206.2	19.7	981	4.7	2246
98.00	100.00	136360	CORE_HALF	0.0199	19.9	1839	382.47	90.17	343.5	201.3	17.8	1117	3.93	2048
100.00	102.00	136361	CORE_HALF	0.0118	11.8	1501	871.04	60.9	447.3	263.1	17.5	888	5.58	2285
102.00	103.60	136362	CORE_HALF	0.0179	17.9	2133	355.79	95	473.1	326.3	17.6	1080	3.24	2848
103.60	105.00	136363	CORE_HALF	0.0048	4.8	1705	216.19	35.82	176.9	183.8	19.4	766	3.07	2527
105.00	107.00	136364	CORE_HALF	0.0025	2.5	1142	138.84	58.84	315.8	161.1	28.6	640	2.93	1754
107.00	108.00	136365	CORE_HALF	0.0025	2.5	2335	106.35	66.69	273.5	147.9	14.9	1220	4.03	1674
108.00	109.00	136366	CORE_HALF	0.0027	2.7	674	170.17	33.14	84.6	120.4	12	584	4.18	751
109.00	110.00	136367	CORE_HALF	0.0024	2.4	828	113.5	40.31	98.4	204.3	20.1	580	4.53	1683
110.00	111.00	136368	CORE_HALF	0.0018	1.8	965	146.08	72.28	345.8	172.8	18.7	544	7.86	1847
111.00	112.00	136369	CORE_HALF	0.0008	0.8	813	111.47	39.54	188.1	194.9	19.1	2131	5.39	1528
112.00	113.00	136370	CORE_HALF	0.0044	4.4	1119	154.68	53.13	224.7	140.4	16.3	1085	5.01	1072
113.00	114.30	136371	CORE_HALF	0.0034	3.4	1088	105.27	47.29	289.5	139.3	20.9	1518	3.31	1567
114.30	116.00	136372	CORE_HALF	0.0056	5.6	1343	131.15	33.39	234.8	184.4	42.9	434	3.73	1655
116.00	118.00	136373	CORE_HALF	0.0044	4.4	810	183.03	37.82	226	200	19.3	1147	4.72	1777
118.00	120.00	136374	CORE_HALF	0.0027	2.7	801	125.6	62.79	345.5	103.7	29.2	1261	4.71	2115
120.00	122.00	136375	CORE_HALF	0.0026	2.6	1076	148.93	48.12	538.8	123.3	34.5	576	9.25	2155
		136376	CORE_HALF	0.0024	2.4	1120	187.06	48	734.7	127.9	33.3	675	7.77	2249
122.00	124.00	136377	CORE_HALF	0.0024	2.4	993	194.7	34.7	216.4	161.4	38.7	342	7.03	1721
124.00	126.00	136378	CORE_HALF	0.0034	3.4	840	207.97	29.86	157.7	127.9	45.2	212	3.24	1617
126.00	128.00	136379	CORE_HALF	0.0058	5.8	1059	185.94	36.68	256.9	133.6	37.8	314	3.12	1743
128.00	130.00	136380	CORE_HALF	0.0034	3.4	553	262.09	16.14	184.3	113.8	66	199	2.3	1735
130.00	132.00	136381	CORE_HALF	0.0034	3.4	731	211.66	34.47	213	146.1	48.9	287	4.89	2074
132.00	134.00	136382	CORE_HALF	0.0049	4.9	945	228.95	46.91	375.4	210.8	36.7	236	3.01	2965
134.00	135.00	136383	CORE_HALF	0.0058	5.8	1922	208.47	102.31	374.9	164.2	20	1271	6.05	1818
135.00	136.00	136384	CORE_HALF	0.0055	5.5	794	135.48	26.09	349	140.6	27	738	5.75	1809
136.00	137.00	136385	CORE_HALF	0.0064	6.4	476	59.51	37.47	107.8	202.9	32.1	1660	1.88	2415
137.00	138.00	136386	CORE_HALF	0.0055	5.5	394	56.17	71.63	15.2	106.9	9.7	569	1.81	70

138.00	139.00	136387	CORE_HALF	0.0075	7.5	728	51.99	56.95	18.4	147.2	9.6	1508	1.7	68
139.00	140.00	136388	CORE_HALF	0.0063	6.3	3552	142.65	39.98	113.9	333.4	13.8	9429	5.23	1154
140.00	141.00	136389	CORE_HALF	0.0053	5.3	1248	162.8	16.22	213	303	33.9	8390	7.97	2039
141.00	142.00	136390	CORE_HALF	0.008	8	1902	237.55	85.58	85.6	245.6	21.5	8070	9.5	248
142.00	143.00	136391	CORE_HALF	0.0048	4.8	842	151.43	72.64	25.7	117.2	19.3	594	6.1	60
143.00	144.00	136392	CORE_HALF	0.0111	11.1	1620	343.07	68.23	31.5	191.1	10.1	4669	11.81	23
144.00	145.00	136393	CORE_HALF	0.0084	8.4	1131	96.94	99.65	8.6	108.6	10.6	816	5.7	1
145.00	146.00	136394	CORE_HALF	0.0282	28.2	1480	462.3	381.7	54.2	206.5	14.0	5204	42.1	0
146.00	146.60	136395	CORE_HALF	0.009	9	631	58.91	390.86	14.8	90.9	22.5	2435	4.92	1
146.60	148.00	136396	CORE_HALF	0.0056	5.6	861	96.65	508.89	12.5	78	13	1392	10.34	101
148.00	149.00	136397	CORE_HALF	0.0054	5.4	765	62.55	259.81	11.6	78.5	15	1248	4.64	59
149.00	150.00	136399	CORE_HALF	0.0034	3.4	499	37.22	193.04	9	58.7	28	418	1.9	28
		136398	CORE_HALF	0.0034	3.4	494	37.4	168.43	8.6	54.6	25.4	392	1.98	32
150.00	151.00	136400	CORE_HALF	0.0057	5.7	2140	406.65	528.58	34.7	226	11.4	2071	25.62	17
151.00	152.00	136401	CORE_HALF	0.0115	11.5	1538	300.11	254.94	48.4	153	31.5	1099	7.17	165
152.00	154.00	136402	CORE_HALF	0.0097	9.7	1350	395.84	38.83	136.7	164.5	34.1	605	4.84	364
154.00	156.00	136403	CORE_HALF	0.0066	6.6	1356	326.25	35.3	117.5	199.4	31.6	693	7.54	1038
156.00	157.00	136404	CORE_HALF	0.0062	6.2	1861	124.84	200.37	123.4	153.4	30.7	822	4.1	2130
157.00	158.00	136405	CORE_HALF	0.0048	4.8	929	174.66	97.81	117.2	142.9	20.8	659	2.43	500
158.00	159.00	136406	CORE_HALF	0.006	6	766	414.47	66.8	41.2	256.1	12.6	5241	10.99	231
159.00	160.00	136407	CORE_HALF	0.0076	7.6	1231	259.3	415.67	17.4	253	5	4998	20.33	22
160.00	161.00	136408	CORE_HALF	0.02	20	960	137.07	273.3	15.3	158.1	20.4	3652	19.65	23
161.00	162.00	136409	CORE_HALF	0.0054	5.4	1949	319.09	549.71	32.3	203.1	13.6	1805	26.37	9
162.00	163.00	136410	CORE_HALF	0.0213	21.3	1460	382.67	728.5	28	196	11.1	26385	43.75	4
163.00	164.00	136411	CORE_HALF	0.0181	18.1	1414	177.19	1115.6	18.8	146.6	4.8	6961	25.08	24
164.00	166.00	136412	CORE_HALF	0.0118	11.8	993	219.94	470.01	35.4	178.9	9.4	4479	25.77	24
166.00	167.00	136413	CORE_HALF	0.012	12	1183	236.18	472.53	37.9	208.3	13.5	4785	29.92	18
167.00	168.00	136414	CORE_HALF	0.0122	12.2	787	161.41	508.88	21.9	286.6	10.7	1810	16.06	7
168.00	170.00	136415	CORE_HALF	0.031	31	1773	703.03	434.6	97	487.2	21	9852	66.23	19
170.00	172.00	136416	CORE_HALF	0.0115	11.5	539	228.8	329.21	36	224.6	15.8	4037	20.24	30
172.00	174.00	136417	CORE_HALF	0.0174	17.4	599	264.18	324.15	45	278.7	14.4	3937	14.65	23
174.00	175.00	136418	CORE_HALF	0.0195	19.5	622	298.55	321.58	51.9	312.9	14.9	4520	18.48	14
175.00	176.00	136419	CORE_HALF	0.0252	25.2	385	125.72	280.8	67.9	181.2	14.2	2939	9.82	22
176.00	177.00	136420	CORE_HALF	0.0336	33.6	492	242.71	328.51	35.9	172.3	33.5	5803	21.38	13
177.00	178.00	136421	CORE_HALF	0.0262	26.2	159	20.41	426.6	4.8	31.3	230.5	723	10.59	21
178.00	179.00	136422	CORE_HALF	0.0656	65.6	465	78.62	736.06	7.9	127.9	24.3	1823	7.61	17
179.00	180.00	136423	CORE_HALF	0.0592	59.2	364	72.84	539.63	9.6	124.1	15.5	1721	3.83	20
180.00	181.20	136424	CORE_HALF	0.0185	18.5	946	116.94	291.19	52.6	103.6	16.1	2311	7.61	283
181.20	183.00	136425	CORE_HALF	0.0221	22.1	3979	299.34	32.39	232.4	203.1	33.6	12264	15.11	2361
		136426	CORE_HALF	0.0241	24.1	6664	280.87	35.43	248.7	203.8	37.1	14541	15.41	2135
183.00	185.00	136427	CORE_HALF	0.0191	19.1	768	112.19	41.66	111.2	147	27	4003	5.26	1605
185.00	187.00	136428	CORE_HALF	0.0142	14.2	1440	284.55	76.42	197.5	210.6	14.3	2033	18.97	2542
187.00	189.00	136429	CORE_HALF	0.0128	12.8	1156	93.69	376.68	1194.2	166	41.9	2483	4.78	3662

189.00	190.00	136430	CORE_HALF	0.0146	14.6	1239	80.92	79.58	306.2	153.5	46.5	518	4.46	3464
190.00	191.30	136431	CORE_HALF	0.1468	146.8	1629	93.78	72.67	800.1	135.1	57.5	2778	4.46	7617
191.30	192.00	136432	CORE_HALF	0.0173	17.3	1492	223.5	102.03	262.8	229.5	40.5	792	8.86	3440
192.00	194.00	136433	CORE_HALF	0.0141	14.1	657	131.04	36.46	494.1	153.1	42.8	600	4.85	3191
194.00	196.00	136434	CORE_HALF	0.0088	8.8	526	95.38	114.97	614.6	164.6	49.2	735	3.93	4011
196.00	198.00	136435	CORE_HALF	0.0066	6.6	841	124.93	380.44	1194.3	143.8	40.2	2476	5.59	4150
198.00	199.00	136436	CORE_HALF	0.0167	16.7	827	67.25	77.13	1206.5	120.9	53.6	2220	2.96	4636
199.00	200.00	136437	CORE_HALF	0.0131	13.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.00	201.00	136438	CORE_HALF	0.0139	13.9	1550	133.39	75.58	190.8	209.2	13.3	1299	6.29	3719
201.00	203.00	136439	CORE_HALF	0.0126	12.6	1407	114.6	48.78	281.9	198	27.7	463	5.17	2552
203.00	204.00	136440	CORE_HALF	0.0122	12.2	1241	93.55	36.99	224.7	113.8	21.3	701	3.23	4427
204.00	205.00	136441	CORE_HALF	0.0145	14.5	720	102.6	32.6	148.2	117.4	14.4	598	2.54	2113
205.00	207.00	136442	CORE_HALF	0.018	18	786	173.19	13.52	339.4	136.8	32.5	564	3.15	1714
207.00	209.00	136443	CORE_HALF	0.016	16	526	112.7	16.58	556.4	104.7	47.2	671	3.17	1815
209.00	211.00	136444	CORE_HALF	0.0142	14.2	2002	150.6	153.77	841.6	145.7	26.7	3720	4.67	3358
211.00	213.00	136445	CORE_HALF	0.0095	9.5	1633	118.06	192.32	1969.9	129	51.5	5861	4.69	4877
213.00	214.00	136446	CORE_HALF	0.0077	7.7	1018	100.73	13.59	308.4	84.4	39.5	1679	2.19	2230
214.00	215.00	136447	CORE_HALF	0.0072	7.2	1056	178.46	31.75	105.8	83.8	19.3	2024	3.42	1888
215.00	216.00	136448	CORE_HALF	0.0037	3.7	253	75.71	19.79	96.5	59.7	79.6	317	1.58	2158
216.00	218.00	136449	CORE_HALF	0.0038	3.8	146	66.71	18.78	116.7	37.8	68.3	50	2.04	1723
		136450	CORE_HALF	0.0043	4.3	133	73.05	20.95	107.2	32.2	61.5	49	1.71	1622
218.00	219.00	136451	CORE_HALF	0.0014	1.4	34	19.53	1.41	99.3	2.6	150.9	11	0.64	686
219.00	221.00	136452	CORE_HALF	0.0381	38.1	662	165.73	17.67	106.5	29.1	80.9	200	2.3	3920
221.00	223.00	136453	CORE_HALF	0.0629	62.9	814	144.61	10.12	103.5	42.3	88.4	197	2.57	2620
223.00	225.00	136454	CORE_HALF	0.097	97	619	146.88	12.27	101.6	110.6	79.6	210	2.49	2357
225.00	227.00	136455	CORE_HALF	0.2555	255.5	910	174.28	26.17	103.1	110.5	54.4	235	2.16	2631
227.00	229.00	136456	CORE_HALF	0.1145	114.5	726	139.8	42.64	111.6	144.3	53.9	238	1.84	2625
229.00	231.00	136457	CORE_HALF	0.0234	23.4	596	129.5	14.7	118.3	158.1	72.7	615	4.6	4228
231.00	233.00	136458	CORE_HALF	0.0324	32.4	457	149.24	13.18	118.9	91.1	156.8	439	1.74	2516
233.00	235.00	136459	CORE_HALF	0.06	60	405	116.79	11.36	106.8	109.1	159.7	211	1.56	2096
235.00	237.00	136460	CORE_HALF	0.0177	17.7	329	109.67	9.73	93.4	107.2	179	163	1.82	2059
237.00	239.00	136461	CORE_HALF	0.084	84	399	79.23	18.1	147.9	232.3	70.2	740	3.54	2110
239.00	241.00	136462	CORE_HALF	0.0655	65.5	1695	73.61	13.4	106.3	61.2	58.6	63	1.01	2365
241.00	242.00	136463	CORE_HALF	0.0153	15.3	471	156.76	14.91	102	35.2	61.9	96	1.37	1621
242.00	244.00	136464	CORE_HALF	0.0119	11.9	311	133.14	16.6	90.4	38.2	67.5	72	1.66	1779
244.00	245.00	136465	CORE_HALF	0.008	8	267	232.84	14.69	67.3	41.7	50.8	100	1.74	1851
245.00	246.00	136466	CORE_HALF	0.0083	8.3	274	99.39	14.31	66	38	50.8	136	1.03	1851
246.00	247.00	136467	CORE_HALF	0.0091	9.1	296	146.53	13.87	73.5	52.5	25.3	136	1.21	1496
247.00	248.00	136468	CORE_HALF	0.0074	7.4	336	117.84	13.03	23.9	74.4	17.4	262	1.33	1386
248.00	249.00	136469	CORE_HALF	0.0201	20.1	437	162.92	13.47	72.7	42.6	53.6	129	1.34	1427
249.00	250.00	136470	CORE_HALF	0.1507	150.7	498	399.89	10.54	88.9	55.7	61.5	145	1.25	1887
250.00	251.00	136471	CORE_HALF	0.0365	36.5	547	131.38	12.89	84.4	62.5	44.5	308	1.71	2565
251.00	253.00	136472	CORE_HALF	0.0126	12.6	402	119.12	11.95	87.6	46.1	34.8	193	1.16	1849

253.00	255.00	136474	CORE_HALF	0.0127	12.7	297	121.76	9.35	79.5	17.3	47	123	0.78	1611
		136473	CORE_HALF	0.012	12	312	125.86	9.45	80.3	17.5	48.2	119	0.81	1614
255.00	257.00	136475	CORE_HALF	0.0173	17.3	364	86.03	10.47	85.1	11.7	79.1	222	0.88	1671
257.00	259.00	136476	CORE_HALF	0.0127	12.7	285	120.21	8.19	95.7	10.3	94	124	0.73	1528
259.00	261.00	136477	CORE_HALF	0.0466	46.6	638	161.36	16.2	145.5	18.9	55	214	1.63	1701
261.00	263.40	136478	CORE_HALF	0.0328	32.8	563	123.45	17.52	132.5	25	44.1	138	1.04	1700
263.40	264.00	136479	CORE_HALF	0.0667	66.7	2194	120.07	37.5	62.1	64.8	17.9	430	3.87	1991
264.00	265.00	136480	CORE_HALF	0.065	65	1062	133.44	15.36	57.8	58.8	34.2	391	5.16	1200
265.00	266.00	136481	CORE_HALF	0.041	41	345	104.3	7.56	79.4	9.6	40.7	130	0.82	2212
266.00	268.00	136482	CORE_HALF	0.0394	39.4	406	140.62	10.44	92.3	16	96.2	220	0.9	1864
268.00	270.00	136483	CORE_HALF	0.0362	36.2	623	125.96	20.1	107.8	36	61.5	395	1.22	1726
270.00	271.30	136484	CORE_HALF	0.0171	17.1	468	136.34	19.53	120.9	34.5	56.3	1403	2.3	1916
271.30	273.00	136485	CORE_HALF	0.0195	19.5	211	87.55	5.47	112.5	10.9	132.5	143	0.68	2409
273.00	275.00	136486	CORE_HALF	0.0437	43.7	592	156.58	14.5	112.3	52.7	60.4	369	2.37	2027
275.00	277.00	136487	CORE_HALF	0.0143	14.3	316	135.72	10.75	135	24.2	147	273	1.22	2256
277.00	278.00	136488	CORE_HALF	0.0336	33.6	531	142.93	22.26	199.1	52.6	61.4	1051	2.42	2088
278.00	279.00	136489	CORE_HALF	0.0549	54.9	860	144.17	33.57	77.2	125.2	36.7	468	2.85	1389
279.00	280.00	136490	CORE_HALF	0.0359	35.9	581	103.55	17.7	84.1	113.5	41.8	511	2.54	1732
280.00	282.00	136491	CORE_HALF	0.0297	29.7	660	108.28	23.95	77.2	66	49.6	288	2.21	2085
282.00	284.00	136492	CORE_HALF	0.028	28	709	126.81	20.26	81.2	41.6	43.9	246	2.1	1686
284.00	286.00	136493	CORE_HALF	0.0106	10.6	371	100.77	20.24	79	143.7	34.3	976	3.5	2026
286.00	288.00	136494	CORE_HALF	0.0109	10.9	272	65.18	11.99	111	45.4	79.5	212	2.02	2253
288.00	290.00	136495	CORE_HALF	0.0214	21.4	354	76.13	7.78	123.5	17.5	104.1	324	1.15	2617
290.00	292.00	136496	CORE_HALF	0.0121	12.1	345	75.55	11.04	159.4	111.9	121.3	920	3.67	2855
292.00	294.00	136497	CORE_HALF	0.0109	10.9	198	78.23	9.4	117.3	112.6	124.7	243	2.88	2399
294.00	296.00	136498	CORE_HALF	0.0049	4.9	131	50.29	5.12	109.6	132.8	216.1	647	3.52	2423
296.00	298.00	136499	CORE_HALF	0.0036	3.6	112	80.2	5.17	110.2	66.8	321.5	280	2.28	2364
		136500	CORE_HALF	0.0039	3.9	109	82.5	5.87	115.7	55.4	472.5	238	2.04	2377
298.00	300.00	136501	CORE_HALF	0.004	4	250	94.06	7.78	113.1	19.1	390.8	244	2.97	2095
300.00	302.00	136502	CORE_HALF	0.0057	5.7	207	81.97	11.58	154.5	13.3	210.7	112	1.12	2598
302.00	304.00	136503	CORE_HALF	0.0017	1.7	41	44.99	2.28	89.7	3.4	2251	73	0.73	1784
304.00	306.00	136504	CORE_HALF	0.0055	5.5	157	83.21	10.25	161.1	12	338.8	67	0.85	4184
306.00	308.00	136505	CORE_HALF	0.0024	2.4	76	55.65	3.02	147.2	7.3	996	67	0.98	1683
308.00	310.00	136506	CORE_HALF	0.0066	6.6	127	64.56	10.03	243.1	17.4	148.7	41	0.67	3615
310.00	312.00	136507	CORE_HALF	0.0149	14.9	453	66.32	44.44	569.9	44	120.4	462	1.91	3496
312.00	313.80	136508	CORE_HALF	0.0176	17.6	660	83.99	116.11	1952.7	87.4	71.5	1270	2.78	2904
313.80	315.10	136509	CORE_HALF	0.1052	105.2	3856	105.83	41.02	46.9	166.4	16.5	1165	4.16	1718
315.10	317.00	136510	CORE_HALF	0.1475	147.5	1280	57.76	22.54	172.6	170.1	62.2	201	2.62	2056
317.00	319.00	136511	CORE_HALF	0.0498	49.8	831	130.86	23.95	584.4	163.6	67.6	299	3.67	3496
319.00	320.00	136512	CORE_HALF	0.0162	16.2	276	123.9	13.3	234	32.4	70.2	113	1.62	4525
320.00	322.00	136513	CORE_HALF	0.0149	14.9	271	72.43	13.73	243.9	73.8	70.7	172	2.76	3336
322.00	323.00	136514	CORE_HALF	0.0943	94.3	1546	91.2	25.75	137.9	150.6	75.6	365	3.05	2837
323.00	324.00	136515	CORE_HALF	0.0188	18.8	231	81.46	27.91	241.6	54.4	141.5	42	1.44	3321

324.00	326.00	136516	CORE HALF	0.0106	10.6	277	107.97	21.86	187.8	25.9	191.2	141	2.11	2431
326.00	328.00	136517	CORE HALF	0.0034	3.4	223	104 12	24.7	139.6	40.4	127.9	158	1.49	3430
328.00	330.00	136518	CORE_HALF	0.004	4	267	106.76	130.66	841.8	53.6	75.7	908	3.58	4059
330.00	330.90	136519	CORE_HALF	0.0036	3.6	411	135.13	46.73	998.3	47	99.8	777	7.62	3313
330.90	331.30	136520	CORE_HALF	0.0116	11.6	826	145.55	51.7	148.6	131.9	12.7	208	10.05	421
331.30	332.45	136521	CORE_HALF	0.0277	27.7	1147	62.93	51.77	163.1	102.7	18.3	889	2.35	1505
332.45	334.00	136522	CORE_HALF	0.0146	14.6	472	110.9	195.47	1307.9	60.6	60.9	1152	5.12	4295
334.00	336.00	136523	CORE_HALF	0.0047	4.7	243	107.26	73.09	416.9	55.7	120.7	257	2.53	3187
336.00	338.00	136524	CORE_HALF	0.0034	3.4	101	117.54	10.69	162.5	33.1	247.3	18	1.21	2115
338.00	340.00	136525	CORE_HALF	0.0036	3.6	107	129.52	7.14	136.7	22.7	286.9	20	1.11	2271
		136526	CORE HALF	0.0031	3.1	96	124.02	6.62	128.6	21.4	274.9	15	1.04	2235
340.00	342.00	136527	CORE_HALF	0.0047	4.7	142	150.93	13.29	134.9	47.7	52.1	33	1.95	2200
342.00	344.00	136528	CORE HALF	0.0058	5.8	135	166.31	11.21	114.7	39.9	92.8	29	1.23	2454
344.00	345.00	136529	CORE_HALF	0.0028	2.8	217	219.4	23.01	91.8	16.8	48.5	45	1.4	2678
345.00	346.10	136530	CORE_HALF	0.0165	16.5	475	113.26	113.21	239.8	93.9	32.1	230	5.38	2321
346.10	346.65	136531	CORE_HALF	0.0034	3.4	173	110.46	19.55	271.3	72.9	111.7	82	3.89	3722

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_130

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_130	*Hole type*	Diamond drill *Size* NQ	*Date commenced*	30/09/2003
DataSet	SIBS	*Depth*	354.60 m	*Date completed*	3/10/2003
Location	Mercury Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	306724	*Notes*	Original coords are approximate.		

Collar Location

Field survey GPS located

	Grid ID	*East*	*North*	*RL*	*Grid unit*
Local Grid	SIB_Local	10674.00	9600.00	979.00	m
UTM Grid	NAD83_9	408786.16	6273670.37	960.00	

Survey

At		*Azimuth*	*AzimuthID*	*UTM Azi.*	*Dip*	*Method*	*Comments*
0.00	m	273.5	Magnetic	297.0	-45.0	Compass	
293.50	m	274.0	Magnetic	297.0	-36.5	Camera	
354.60	m	276.0	Magnetic	299.0	-32.5	Camera	

Lithology

Logged by: Tony Worth

From	*To m*	*Grain Size*	*Lithology*	*Major Texture*	*Minor Texture*	*Lithology %*	*Comments*
0.00	6.10		CASE			100	
6.10	8.40		OOOO			100	broken/bouldery - prob overburden - mafic dyke? Material
8.40	51.20	M	YIOO	FOL		100	intensely altered
51.20	83.10	M	YIOM	FOL	EPC	100	much less altered. lithic towards bottom
83.10	84.35	M	IMOM	PBX	MAS	100	mafic dyke - slight chilled margins
84.35	85.10	M	YIOR	FOL	EPC	100	strongly foliated but weakly altered
85.10	95.20	M	YIOO	FOL		100	intensely sheared / altered
95.20	155.15	M	YIOR	FOL	EPC	100	
155.15	156.20	M	YIOO	FOL		100	Strongly altered zone
156.20	263.40	M	YIOR	FOL	EPC	100	
263.40	266.00	M	YIOO	FOL		100	
266.00	273.50	M	YIOL	FOL		100	
273.50	280.80	M	YIOR	FOL	EPC	100	
280.80	297.40	M	YIOO	FOL		100	altered - some remnant lithic texture in places
297.40	310.90	C	YIOY	FOL	RX	100	1-2mm xtal laths - xtal tuff?
310.90	339.00	M	YIOR	FOL	EPC	100	
339.00	354.60	M	YIOM	MAS		100	more uniformly med grained - v few lithic frags

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
8.40	51.20		Phyllic	pv	STG	QZ	STG	CLAY	STG	SERI	STG	PY	Clay min not obviously talc as in 03_129
51.20	81.20		Carbonatization	pv	MOD	CARB	MOD	HEM	WK				Very sharp contact with above
			Phyllic	diss	WK	SERI	WK	PY	WK				Very sharp contact with above
81.20	83.10		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD	HEM	WK				
84.35	85.10		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD						
85.10	95.20		Phyllic	pv	STG	CLAY	STG	SERI	STG	PY	STG	QZ	Strong shear zone
95.20	97.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD						
97.00	109.00		Carbonatization	pv	MOD	CARB	MOD						
			Phyllic	pat	WK	SERI	WK	PY	WK				
109.00	118.50		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD						
118.50	136.70		Carbonatization	pv	MOD	CARB	MOD						
			Phyllic	pat	WK	SERI	WK	PY	WK				
136.70	137.40		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD						
137.40	155.15		Carbonatization	pv	MOD	CARB	MOD						
			Phyllic	pat	WK	SERI	WK	PY	WK				
155.15	157.20		Silicic/Silicification	pv	INT	QZ	STG	CLAY	MOD	PY	MOD	SERI	Possible fault zone - fabric overprinted with si'n
157.20	162.20		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	MOD	CARB	MOD						
162.20	177.75		Carbonatization	pv	MOD	CARB	MOD						
177.75	179.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	WK	CARB	WK						
179.00	210.90		Carbonatization	pv	WK	CARB	WK	CL	WK				
210.90	215.70		Phyllic	pv	MOD	SERI	MOD	PY	MOD				fault zone
215.70	228.10		Carbonatization	pv	WK	CARB	WK	CL	WK				
228.10	231.00		Phyllic	pat	MOD	SERI	MOD	PY	MOD				
			Carbonatization	pv	WK	CARB	WK	CL	WK				
231.00	233.50		Carbonatization	pv	WK	CARB	WK	CL	WK				
233.50	236.40		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK		
			Carbonatization	pv	WK	CARB	WK	CL	WK				
236.40	262.80		Carbonatization	pv	MOD	CARB	MOD	CL	WK				
262.80	264.80		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK		
			Carbonatization	pv	WK	CARB	WK	CL	WK				
264.80	265.45		Silicic/Silicification	pv	STG	QZ	STG	PY	MOD				fault related
265.45	266.00		Phyllic	pv	MOD	SERI	MOD	PY	MOD	QZ	WK		
266.00	269.30		Carbonatization	pv	WK	CARB	MOD	CL	WK				
269.30	271.20		Chloritization	pv	MOD	CL	MOD	CLAY	MOD	CARB	WK		si-py assoc with faults
			Silicic/Silicification	pat	MOD	QZ	MOD	PY	MOD				si-py assoc with faults
271.20	272.90		Carbonatization	pv	WK	CARB	MOD	CL	WK				
			Phyllic	pat	WK	SERI	WK	PY	WK				
272.90	277.50		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	MOD	HEM	
277.50	280.70		Carbonatization	pv	WK	CARB	WK	CL	WK				
280.70	294.55		Phyllic	pv	STG	SERI	STG	PY	STG	QZ	MOD	CLAY	QZ/CLAY in equal measures - soft but competent rock
294.55	296.40		Phyllic	pat	MOD	SERI	MOD	PY	MOD	QZ	WK		
296.40	297.45		Phyllic	pv	STG	SERI	STG	PY	STG	CLAY	MOD	QZ	

297.45	310.45	Altered (undifferentiated)	pv	STG	SERI	STG	TLC	STG	FELD	STG	PY	bimodal lath xtals - talc?(soft clay min) & sauceritised feldspar? - not seen in other holes. Poss same Ph alt of diff host - xtal tuff?
310.45	313.00	Phyllic	pv	STG	SERI	STG	PY	STG	QZ	MOD	CLAY	
313.00	315.60	Phyllic	pv	MOD	SERI	MOD	PY	MOD				
315.60	353.20	Carbonatization	pv	WK	CARB	WK	CL	WK				
353.20	354.60	Chloritization	pv	MOD	CL	MOD	CARB	MOD				distinct dark colour. Carb as abundant fine (early) fracture veins

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
8.40	47.50		QZ/PY	Stringer Veins	TR	5	almost no veining. Several narrow s|d bands - not veins. 1 distinct 10cm pink tabular qz/py vein at 32.5m
47.50	50.10		QZ/PY	Stringer Veins	WK	5	
50.10	52.40		QZ/CARB/CL	Irregular/deformed/segmented	MOD	20	
52.40	84.55		QZ/CARB	Stringer Veins	WK	5	
84.55	85.10		QZ/CARB/CL	Irregular/deformed/segmented	STG	30	
91.80	95.00		QZ/CARB/PY	Irregular/deformed/segmented	WK	10	
95.00	96.80		QZ/CARB/PY	Irregular/deformed/segmented	MOD	10	
96.80	100.00		QZ/CARB/PY	Stringer Veins	WK	5	
100.00	103.40		QZ/CARB/PY	Stringer Veins	TR	5	
103.40	105.00		QZ/CARB/CL	Irregular/deformed/segmented	MOD	30	
105.00	111.20		QZ/CARB	Stringer Veins	TR	5	
111.20	112.00		QZ/CARB/CL	Irregular/deformed/segmented	MOD	30	
112.00	117.00		QZ/CARB	Stringer Veins	TR	5	
117.00	119.50		QZ/CARB	Planar Veins	WK	10	
119.50	119.80		QZ/CARB/CL/CPY/GN	Irregular/deformed/segmented	STG	300	A few specs of chalco/galena
119.80	144.80		QZ/CARB	Stringer Veins	TR	5	
144.80	148.50		CARB	Stringer Veins	WK	5	
148.50	151.30		QZ/CARB	Stringer Veins	TR	5	
151.30	151.75		QZ/CARB/CL/PY	Irregular/deformed/segmented	STG	200	
151.75	155.75		QZ/CARB	Stringer Veins	WK	5	
155.75	156.10		QZ/PY/CARB	Irregular/deformed/segmented	INT	35	Combination of irregular veins/ late xcutting veinlets / silicification
156.10	173.60		QZ/CARB	Stringer Veins	WK	5	
173.60	175.20		QZ/CARB/CL	Irregular/deformed/segmented	MOD	50	
175.20	178.20		QZ/CARB/CL	Irregular/deformed/segmented	WK	20	
178.20	178.90		QZ/CARB/CL	Irregular/deformed/segmented	STG	50	
178.90	181.75		QZ/CARB	Stringer Veins	TR	5	
181.75	182.30		QZ/CARB/CL	Irregular/deformed/segmented	MOD	50	
182.30	208.40		QZ/CARB	Stringer Veins	TR	5	
			QZ/CARB	Planar Veins	TR	5	
208.40	210.10		QZ/CARB	Stringer Veins	WK	5	
210.10	214.90		QZ/CARB/CL/PY	Irregular/deformed/segmented	STG	200	
214.90	218.10		QZ/CARB/CL/PY	Irregular/deformed/segmented	MOD	150	
218.10	230.35		QZ/CARB	Stringer Veins	TR	5	
230.35	231.90		QZ/CARB/CL/PY	Irregular/deformed/segmented	MOD	150	
231.90	245.80		QZ/CARB	Stringer Veins	TR	5	
245.80	247.00		QZ/CARB	Stringer Veins	TR	5	
			QZ/CARB/CL/PY	Irregular/deformed/segmented	WK	100	
247.00	250.10		QZ/CARB	Planar Veins	WK	5	
			QZ/CARB	Stringer Veins	TR	5	
250.10	264.90		QZ/CARB	Stringer Veins	TR	5	
264.90	265.50		QZ/PY	Irregular/deformed/segmented	MOD	50	

		QZ	Planar Veins	WK	10	
265.50	270.60	QZ/CARB	Stringer Veins	TR	5	
270.60	273.00	QZ/CARB	Stringer Veins	WK	5	
273.00	274.90	QZ/CARB	Stringer Veins	TR	5	
274.90	275.25	QZ/PY/CL	Irregular/deformed/segmented	INT	350	
275.25	318.50	QZ/CARB	Stringer Veins	TR	5	
318.50	319.60	QZ/CARB/CL/PY	Irregular/deformed/segmented	MOD	30	
319.60	327.00	QZ/CARB	Stringer Veins	TR	5	
327.00	333.50	QZ/CARB/CL/PY	Irregular/deformed/segmented	MOD	30	
333.50	353.20	QZ/CARB	Stringer Veins	TR	5	
353.20	354.60	CARB	Fracture Veins	MOD	2	Early? - deformed/irregular

Structure

From	To	m	Structure	Intensity	Comments
8.40	31.50		undivided foliation-cleavage	STG	
			crenulation cleavage	MOD	
31.50	51.20		shear/ shear zone	INT	several narrow gouge zones
			fault gouge / clay/ pug	MOD	
			crenulation cleavage	WK	
51.20	83.10		undivided foliation-cleavage	MOD	
84.35	85.10		undivided foliation-cleavage	MOD	
			fault	WK	
85.10	86.65		fault gouge / clay/ pug	STG	
			shear/ shear zone	STG	
86.65	95.20		shear/ shear zone	INT	
			crenulation cleavage	STG	
95.20	118.50		undivided foliation-cleavage	STG	
118.50	155.15		undivided foliation-cleavage	MOD	strong-mod becoming weaker downhole
155.15	157.20		fault zone	STG	fault zone? - fabric destroyed by silicification
157.20	177.75		undivided foliation-cleavage	WK	
177.75	190.00		undivided foliation-cleavage	MOD	
190.00	200.50		undivided foliation-cleavage	WK	
200.50	201.30		fault gouge / clay/ pug	INT	late fault - lots of gouge- no alteration. Meterage approx - core blocks wrong
201.30	211.70		undivided foliation-cleavage	MOD	
			reverse fault	WK	
211.70	215.50		fault zone	STG	strongly altered/qz veined zone - accute angle to core - west dip or x-fault
215.50	228.10		undivided foliation-cleavage	MOD	
228.10	231.00		undivided foliation-cleavage	STG	
231.00	264.60		undivided foliation-cleavage	MOD	
264.60	265.60		fault zone	MOD	
265.60	269.30		undivided foliation-cleavage	WK	
269.30	270.60		fault zone	MOD	
270.60	272.00		reverse fault	WK	
272.00	274.90		undivided foliation-cleavage	MOD	
274.90	275.30		fault zone	STG	
275.30	292.00		undivided foliation-cleavage	MOD	
292.00	292.50		fault zone	MOD	
			undivided foliation-cleavage	MOD	
292.50	296.40		undivided foliation-cleavage	MOD	
296.40	299.40		undivided foliation-cleavage	STG	
299.40	299.65		fault gouge / clay/ pug	INT	
299.65	303.50		undivided foliation-cleavage	STG	
303.50	304.20		fault zone	MOD	
304.20	310.40		undivided foliation-cleavage	MOD	mod-stg - poss alt overprint of fabric

310.40	315.50	undivided foliation-cleavage	STG	
315.50	339.40	undivided foliation-cleavage	MOD	
353.20	354.60	fracture zone	WK	rehealed early fracture zone? - irregular carb frac vns and chl alt

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dip/ Dip	Dip/ Plunge Dir.	Reliability	Comments
8.40	Foliation	45.0							
13.00	Foliation	70.0							
16.00	Foliation	75.0							
19.00	Foliation	70.0							
23.00	Foliation	65.0							
29.00	Foliation	50.0							
30.55	Fault plane	30.0							edge of gouge zone - sharp contact
33.00	Foliation	80.0							
35.00	Foliation	85.0							
38.00	Foliation	55.0							
40.00	Foliation	55.0							
42.00	Foliation	42.0	50.0	35.0		22	239	high	gamma=slip plane lineation
42.20	Fault plane	60.0							edge of gouge zone - sharp contact
43.00	Foliation	58.0							
47.00	Foliation	65.0							
50.00	Foliation	65.0							
52.00	Foliation	60.0	5.0			75	120	high	
52.10	Vein	45.0	315.0			82	87	high	
53.20	Foliation	60.0	10.0			75	122	high	
54.20	Foliation	65.0	20.0			69	126	high	
56.00	Foliation	55.0	35.0			76	137	low	
59.50	Foliation	75.0							
62.50	Foliation	65.0							
66.00	Foliation	70.0	300.0			57	96	high	
67.05	Foliation	70.0	305.0			58	98	high	
68.10	Foliation	75.0	340.0			59	111	high	
69.00	Foliation	75.0	350.0			60	114	high	
76.60	Lithological contact	75.0							20cm mafic dyke
77.50	Foliation	75.0							
80.00	Foliation	75.0							
82.00	Foliation	62.0							
83.10	Lithological contact	57.0							
84.35	Lithological contact	72.0							
85.20	Cleavage	78.0							
87.00	Cleavage	70.0							variable
89.00	Cleavage	70.0	145.0			30	140	high	crenulated - difficult to measure
89.50	Cleavage	65.0	170.0	0.0		19	107	high	gamma= crenulation axis
91.00	Cleavage	65.0							
94.00	Foliation	60.0							
95.00	Cleavage	40.0							variable
95.20	Lithological contact	40.0							faulted contact between ZHZ/strong alt and unaltered
97.00	Foliation	45.0							
99.00	Foliation	65.0							
101.00	Foliation	55.0							
105.00	Foliation	30.0							
108.00	Foliation	42.0							

111.00	Foliation	45.0					
114.00	Foliation	70.0	75.0	53	141	high	
117.00	Foliation	60.0					
119.70	Vein	40.0					gn/cpy vein
121.00	Foliation	50.0					
124.00	Foliation	60.0					
127.00	Foliation	55.0					
130.00	Foliation	58.0					
133.00	Foliation	72.0					
134.80	Foliation	65.0	350.0	70	113	low	
137.00	Foliation	70.0					
141.00	Foliation	65.0					
144.00	Foliation	60.0					
147.00	Foliation	65.0					
149.00	Foliation	60.0					
151.00	Foliation	65.0	345.0	78	111	high	
151.60	Vein	58.0	300.0	73	88	high	cleavage between irregular veins - approx orientation of veins
152.20	Foliation	60.0	275.0	61	82	high	
153.00	Foliation	65.0	315.0	73	99	high	
156.00	Vein	45.0				high	approx - irregular contact
156.10	Fault plane	45.0					
157.20	Lithological contact	55.0					
160.00	Foliation	68.0					
166.00	Foliation	70.0					
169.50	Vein	20.0	30.0	63	329	low	
170.00	Foliation	70.0	320.0	70	103	low	
174.60	Foliation	60.0	35.0	79	134	low	
177.00	Foliation	75.0					
178.00	Foliation	60.0					
181.50	Foliation	60.0					
185.40	Foliation	70.0	30.0	71	127	high	
185.90	Vein	15.0	175.0	22	284	high	tabular vein set
188.00	Foliation	70.0	304.0	66	99	high	
190.00	Foliation	65.0	330.0	76	104	high	
204.00	Foliation	60.0					
208.00	Foliation	70.0					
211.60	Fault plane	35.0					
215.00	Fault plane	15.0					fault zone highly contorted - variable orientations to core
215.50	Fault plane	45.0					outer edge of zone
219.00	Foliation	70.0					
226.00	Foliation	70.0					narrow altered zone
229.00	Foliation	65.0					narrow altered zone
235.00	Foliation	70.0					
236.30	Foliation	60.0	340.0	82	107	high	
238.80	Foliation	60.0	50.0	75	140	high	
240.50	Vein	50.0	270.0	63	71	high	irregular vein
240.80	Foliation	75.0	330.0	67	109	high	
246.50	Fracture	40.0					// set
249.50	Vein	12.0					tabular vn set
257.00	Cleavage	65.0					py bands
261.00	Cleavage	70.0					py bands
264.00	Cleavage	68.0	282.0	61	92	low	py bands

264.70	Fault plane	60.0	275.0	61	82	low		
264.85	Fault plane	50.0	330.0	90	98	low		contact of si'd zone
264.90	Vein	25.0	200.0	21	359	low		
265.35	Vein	45.0	20.0	83	311	low		qz/py vein
273.00	Foliation	60.0						
275.50	Foliation	55.0						
277.00	Foliation	50.0						
280.70	Fault plane	65.0						contact of alt
282.00	Foliation	75.0						
290.00	Foliation	70.0						
292.00	Foliation	70.0						crenulated
297.00	Foliation	72.0						much stronger foliation/cleavage
299.00	Foliation	75.0						
299.65	Foliation	60.0	330.0	80	102	low		almost edge of gouge zone
301.00	Foliation	75.0	40.0	65	128	low		
302.50	Foliation	80.0	20.0	63	121	high		
303.00	Foliation	70.0	5.0	73	119	high		
305.00	Foliation	60.0						
308.00	Foliation	60.0						
311.00	Foliation	65.0						
317.00	Foliation	70.0						
320.00	Foliation	65.0	280.0	61	89	high		
321.00	Foliation	60.0	290.0	68	87	high		
324.00	Foliation	65.0	335.0	77	106	high		
326.00	Foliation	65.0	325.0	79	105	high		
328.00	Foliation	58.0	325.0	85	101	high		
330.00	Foliation	58.0	15.0	89	127	high		
336.50	Foliation	60.0						

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
8.40	30.60	8	pyrite	diss	5	pyrite	blb	3	sphalerite	vsel	0.5	distinct coaser disseminations/blebs of more yellow py.
30.60	31.60	2	pyrite	diss								
31.60	51.20	6	pyrite	diss	5	pyrite	blb	1				
51.20	65.40	0.5	pyrite	diss	0.5							
65.40	73.40	1	pyrite	diss	1							
73.40	77.00	0.5	pyrite	diss	0.5							
77.00	83.10	1	pyrite	diss	1							
84.35	85.10	4	pyrite	ff	3	pyrite	diss	1				
85.10	95.20	10	pyrite	diss	5	pyrite	bd	3	pyrite	blb	2	
95.20	98.00	4	pyrite	diss	3	pyrite	bd	1				
98.00	109.00	1	pyrite	diss	1							
109.00	118.50	4	pyrite	diss	4							
118.50	123.75	0.5	pyrite	diss	0.5	chalcopyrite	vsel	0.5	galena	vsel	0.5	specs of chalco/galena at 119.7 in vein
123.75	125.00	4	pyrite	diss	3	pyrite	bd	1				
125.00	127.60	1	pyrite	diss	1							
127.60	129.75	4	pyrite	diss	3	pyrite	bd	1				
129.75	133.65	0.5	pyrite	diss	0.5							
133.65	135.35	3	pyrite	diss	3							
135.35	136.70	0.5	pyrite	diss	0.5							
136.70	137.40	7	pyrite	diss	5	pyrite	bd	2				
137.40	155.15	0.5	pyrite	diss	0.5							
155.15	157.20	3	pyrite	ff	2	pyrite	diss	1				
157.20	162.20	2	pyrite	diss	1	pyrite	blb	1				

162.20	177.75	0.5	pyrite	diss	0.5								
177.75	179.00	1	pyrite	bd	1								
179.00	211.20	0.5	pyrite	pat	0.5								
211.20	215.70	5	pyrite	bd	3	pyrite	ff	2				fault zone	
215.70	228.10	1	pyrite	pat	1								
228.10	231.00	4	pyrite	bd	3	pyrite	ff	1					
231.00	233.50	1	pyrite	pat	1								
233.50	236.40	3	pyrite	bd	2	pyrite	diss	1					
236.40	256.60	0.5	pyrite	pat	0.5								
256.60	257.30	3	pyrite	bd	2	pyrite	diss	1					
257.30	262.80	1	pyrite	bd	1								
262.80	263.40	3	pyrite	diss	2	pyrite	bd	1					
263.40	265.65	5	pyrite	diss	4	pyrite	vsel	1					
265.65	269.30	1	pyrite	diss	1								
269.30	273.00	2	pyrite	ff	2							patchy distribution - in faults only	
273.00	277.50	4	pyrite	ff	2	pyrite	bd	1	pyrite	diss	1		
277.50	280.70	0.5	pyrite	diss	0.5								
280.70	294.55	7	pyrite	diss	7							1-2% coarse dissem and ~5%? Vfg dissem - diff to esti	
294.55	296.40	4	pyrite	rep	2	pyrite	bd	1	pyrite	vsel	1		
296.40	297.45	5	pyrite	bd	3	pyrite	diss	2					
297.45	310.45	5	pyrite	diss	5							mostly vfg dissem - diff to estimate	
310.45	315.60	3	pyrite	rep	1	pyrite	bd	1	pyrite	diss	1		
315.60	332.20	0.5	pyrite	pat	0.5								
332.20	334.00	1	pyrite	blb	1							coarse blebs	
334.00	354.60	0.5	pyrite	pat	0.5								

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
8.40	10.00	136532	CORE_HALF	0.006		6	362	69.33	62.32	210.1	51.2	18.8	1545	3.23	173
10.00	12.00	136533	CORE_HALF	0.0084		8.4	278	73.15	100.82	98.6	71.9	17.2	999	3.42	274
12.00	13.00	136534	CORE_HALF	0.0063		6.3	370	175.84	46.34	439.5	140.2	14.5	2658	5.91	236
13.00	14.00	136535	CORE_HALF	0.0064		6.4	382	113.96	42.74	331	101.7	14.1	2392	4.14	166
14.00	15.00	136536	CORE_HALF	0.0061		6.1	294	77.2	33.21	16.7	53.3	13.2	2075	4.19	30
15.00	17.00	136537	CORE_HALF	0.0101		10.1	531	123.42	28.46	189.8	80	13.5	3694	14.28	25
17.00	19.00	136538	CORE_HALF	0.0127		12.7	228	88.28	25.99	12.3	42.4	15.7	1572	14.03	11
19.00	21.00	136539	CORE_HALF	0.0317		31.7	282	62.2	128.5	7	57.6	13.8	1916	11.92	9
21.00	23.00	136540	CORE_HALF	0.0246		24.6	404	110.34	49.51	14.2	70.3	12.6	1617	15.87	13
23.00	24.00	136541	CORE_HALF	0.0216		21.6	458	60.18	42.67	9.4	63.1	12.2	923	4.12	27
24.00	25.00	136542	CORE_HALF	0.0125		12.5	492	89.94	33.1	66.9	70.8	15.7	1776	5.16	40
25.00	26.00	136543	CORE_HALF	0.0096		9.6	2113	233.52	78.48	962.8	164.4	14.6	1688	10.33	108
26.00	27.00	136544	CORE_HALF	0.0071		7.1	1508	432.68	69.74	54.7	238.8	13.2	1293	9.78	37
27.00	29.00	136545	CORE_HALF	0.0198		19.8	1180	365.34	34.86	38.1	182.1	13.1	2117	6.83	28
		136546	CORE_HALF	0.0234		23.4	1160	329.76	35.45	37.2	171	16	2090	7.1	27
29.00	30.60	136547	CORE_HALF	0.0363		36.3	1381	471.46	50.88	54.9	230.4	13.3	3107	11.97	29
30.60	31.50	136548	CORE_HALF	0.0031		3.1	280	73.19	17.28	287.2	88	33.7	1130	2.47	1171
31.50	33.00	136549	CORE_HALF	0.0089		8.9	402	81.13	18.96	11.8	55.4	11.9	1812	12	42
33.00	34.00	136550	CORE_HALF	0.0083		8.3	885	161.86	21.81	26.5	83.7	10.5	3044	25.09	15
34.00	36.00	136551	CORE_HALF	0.0192		19.2	346	109.36	28.88	10.4	59.4	12	3686	7.69	14

36.00	38.00	136552	CORE_HALF	0.016	16	283	88.39	30.02	9.3	60.6	13.8	2331	4.98	15
38.00	40.00	136553	CORE_HALF	0.0298	29.8	591	149.09	25.08	19.2	91.3	11.2	2798	9.84	12
40.00	41.00	136554	CORE_HALF	0.0111	11.1	280	91.26	20.9	9	53.3	13.6	1176	3.66	13
41.00	42.00	136555	CORE_HALF	0.0075	7.5	292	74.76	17.46	6.7	41.4	23.6	1107	2.62	20
42.00	44.00	136556	CORE_HALF	0.0087	8.7	594	234.76	12.94	21.1	109.8	11.8	2754	14.18	29
44.00	46.00	136557	CORE_HALF	0.0104	10.4	258	120.19	12.7	9.7	56.9	19	1931	6.16	9
46.00	48.00	136558	CORE_HALF	0.0063	6.3	93	35.15	18.56	4	53.7	15.5	887	2.49	7
48.00	49.00	136559	CORE_HALF	0.0121	12.1	121	29.75	15.07	3.7	37.6	17.7	943	2.8	5
49.00	50.00	136560	CORE_HALF	0.0058	5.8	149	26.17	14.72	2.6	32.4	18.8	731	2.73	8
50.00	51.20	136561	CORE_HALF	0.0238	23.8	310	49.71	28.41	5.9	29.5	15.5	1048	1.87	72
51.20	53.00	136562	CORE_HALF	0.0079	7.9	217	104.14	11.68	121.3	12.3	134.5	731	0.68	2256
53.00	55.00	136563	CORE_HALF	0.0063	6.3	230	140.15	9.34	93.7	13	174	433	0.79	1693
55.00	57.00	136564	CORE_HALF	0.2982	298.2	319	110.2	9.4	107.3	14.6	191.9	778	0.84	2125
57.00	59.00	136565	CORE_HALF	0.0464	46.4	261	104.88	6.59	90	10	159.3	333	0.77	2323
59.00	61.00	136566	CORE_HALF	0.0027	2.7	173	105.98	5.03	86	24.3	392.2	256	1.05	2246
61.00	63.00	136567	CORE_HALF	0.0063	6.3	350	158.59	8.62	93	62.1	139.4	343	1.28	1757
63.00	65.00	136568	CORE_HALF	0.0006	0.6	103	130.87	3.06	84.9	3.9	2214.8	403	2.62	1706
65.00	67.00	136569	CORE_HALF	0.004	4	165	151.58	7.48	86.8	16.7	105.8	208	0.89	1907
67.00	68.00	136570	CORE_HALF	0.0081	8.1	397	124.86	16.35	75.6	10.1	80.9	517	1.59	1993
68.00	69.00	136571	CORE_HALF	0.0078	7.8	449	153.39	21.41	85.3	9.8	72.7	636	1.94	1694
69.00	71.00	136572	CORE_HALF	0.0037	3.7	188	143.97	11.2	111.1	10.1	90.4	433	1.2	1911
71.00	73.00	136573	CORE_HALF	0.0027	2.7	152	135.33	9.84	102.2	6.4	84.4	322	1.03	1883
73.00	74.00	136574	CORE_HALF	0.0031	3.1	215	183.95	7.08	84.5	15.3	106.5	490	0.9	1993
74.00	76.00	136575	CORE_HALF	0.0053	5.3	318	445.76	5.51	93.7	35.2	258.9	421	1.25	1592
		136576	CORE_HALF	0.0049	4.9	275	378.63	5.53	94.9	25.3	293.7	406	1	1573
76.00	78.00	136577	CORE_HALF	0.0058	5.8	191	123.83	10.15	79.3	19.2	76.1	371	1.19	1633
78.00	80.00	136578	CORE_HALF	0.005	5	171	116.68	8.69	90.5	12.3	66.1	484	0.94	1772
80.00	82.00	136579	CORE_HALF	0.0053	5.3	153	122.42	9.06	111	10.5	31.3	278	0.89	1628
82.00	83.10	136580	CORE_HALF	0.0075	7.5	336	116.48	57.26	239.7	50.3	29.8	762	1.16	1865
83.10	84.35	136581	CORE_HALF	0.0049	4.9	100	56.91	7.46	80.3	14	314.9	140	1.42	1194
84.35	85.10	136582	CORE_HALF	0.0093	9.3	213	83.79	12.85	94.3	54.8	41.5	372	1.97	1721
85.10	86.00	136583	CORE_HALF	0.0126	12.6	290	55.33	28.7	6.4	27.1	13.9	1790	4.53	37
86.00	87.00	136584	CORE_HALF	0.0111	11.1	401	65.68	53.77	8.5	23.9	19.5	2035	5.18	19
87.00	88.00	136585	CORE_HALF	0.006	6	298	42.12	55.69	7.3	12.7	20.8	1755	3.36	17
88.00	89.00	136586	CORE_HALF	0.009	9	354	59.2	70.72	8.3	24.6	15.1	2311	6.22	51
89.00	91.00	136587	CORE_HALF	0.0249	24.9	721	390.18	79.48	20.3	90.2	10.6	7039	22.97	22
91.00	92.00	136588	CORE_HALF	0.0293	29.3	738	340.27	114.61	18.4	109.6	8.4	7238	23.87	15
92.00	94.00	136589	CORE_HALF	0.0127	12.7	454	72.69	65.86	5.7	44.9	10.2	3507	7.49	9
94.00	95.20	136590	CORE_HALF	0.0189	18.9	286	50.06	33.57	2.1	39.2	21.8	1904	2.85	19
95.20	96.00	136591	CORE_HALF	0.013	13	310	130.05	16.85	63	17.8	23.4	1404	0.66	1412
96.00	97.00	136592	CORE_HALF	0.0047	4.7	175	96.64	13.68	64.1	17.8	28.6	1321	1.09	2613
97.00	98.00	136593	CORE_HALF	0.0038	3.8	108	67.98	6.95	98.7	19.1	38.4	659	0.64	1796
98.00	100.00	136594	CORE_HALF	0.0041	4.1	115	91.75	8.03	119.4	8.8	23.3	570	0.91	1581

100.00	102.00	136595	CORE_HALF	0.0029	2.9	82	74.78	4.04	98.1	9.3	63.4	430	0.45	1868
		136596	CORE_HALF	0.0033	3.3	76	77.33	4.24	104.6	10.1	68.7	399	0.46	1962
102.00	103.00	136597	CORE_HALF	0.0014	1.4	61	84.47	3.62	114.8	3.7	61.9	199	0.43	1876
103.00	104.00	136598	CORE_HALF	0.003	3	133	66.38	10.68	74	13.2	22	853	0.88	2375
104.00	106.00	136599	CORE_HALF	0.0038	3.8	110	85.72	6.05	124.2	4.9	66.9	269	0.51	2103
106.00	108.00	136600	CORE_HALF	0.004	4	96	99.38	5.46	120.3	6.1	59.8	251	0.47	1802
108.00	109.00	136601	CORE_HALF	0.0039	3.9	96	94.71	8.08	99.6	11.2	36.2	286	0.71	1648
109.00	110.00	136602	CORE_HALF	0.0053	5.3	218	111	16.13	67.1	12.6	14.3	1163	1.13	1384
110.00	112.00	136603	CORE_HALF	0.0064	6.4	222	102.49	127.64	88.2	23.3	19.1	1245	0.75	1787
112.00	114.00	136604	CORE_HALF	0.0038	3.8	259	111.97	274.48	183.9	36.8	19.7	2703	2.9	2606
114.00	116.00	136605	CORE_HALF	0.0033	3.3	138	85.43	129.47	150.9	23.5	28.8	682	1.26	2810
116.00	118.00	136606	CORE_HALF	0.0038	3.8	182	80.46	203.07	90.1	34.5	17	431	1.71	1645
118.00	119.00	136607	CORE_HALF	0.0042	4.2	229	95.19	307.38	116.2	35.1	36.8	411	1.6	2106
119.00	120.00	136608	CORE_HALF	0.0023	2.3	151	122.63	107	134.3	14.2	63.8	156	0.58	1577
120.00	122.00	136609	CORE_HALF	0.0028	2.8	110	75.55	60.57	109.5	8.4	143.7	171	0.53	1770
122.00	124.00	136610	CORE_HALF	0.0032	3.2	113	78.93	8.7	108.3	11.9	88.9	471	0.62	1471
124.00	125.00	136611	CORE_HALF	0.0061	6.1	223	84.38	24.02	67.1	38.5	15	772	1.09	1342
125.00	127.00	136612	CORE_HALF	0.0031	3.1	110	103.55	6.53	120.1	8.2	165	349	0.78	1894
127.00	129.00	136613	CORE_HALF	0.0049	4.9	190	83.5	18.26	154.3	23.3	29.5	805	1.15	2228
129.00	130.00	136614	CORE_HALF	0.0057	5.7	297	79.79	40.65	138.1	60.5	13.8	2576	1.72	1182
130.00	132.00	136615	CORE_HALF	0.0031	3.1	99	85.27	4.32	204.9	5.1	176.8	412	1.95	1863
132.00	134.00	136616	CORE_HALF	0.0076	7.6	140	77.68	6.22	106.3	15	40.4	932	0.78	1532
134.00	136.00	136617	CORE_HALF	0.0221	22.1	217	71.24	9.98	99.6	32.9	22	723	0.79	1739
136.00	136.70	136618	CORE_HALF	0.0586	58.6	180	118.82	3.66	150.4	9	160.1	498	0.58	1904
136.70	137.40	136619	CORE_HALF	0.0594	59.4	615	70.74	29.55	18	52.7	11.9	1821	0.84	325
137.40	139.00	136620	CORE_HALF	0.0132	13.2	219	93.8	5.6	126.7	10.1	69.1	690	0.58	1736
139.00	141.00	136621	CORE_HALF	0.0119	11.9	219	80.04	6.21	106.9	8.4	140.8	591	0.5	1653
141.00	143.00	136622	CORE_HALF	0.0317	31.7	285	83.7	7.54	113.9	7.7	157.8	549	0.63	1687
143.00	145.00	136623	CORE_HALF	0.37	0.371507.2	538	68.18	10.76	152	23.4	47.3	758	0.88	1631
145.00	147.00	136624	CORE_HALF	0.0051	5.1	181	95.21	6.37	122.4	7.7	204	452	0.61	2074
		136625	CORE_HALF	0.0059	5.9	202	87.56	7.53	116.8	8.8	211.1	524	0.84	2289
147.00	149.00	136626	CORE_HALF	0.0034	3.4	134	81.63	4.22	91	4.2	234.2	272	0.47	1844
149.00	151.00	136627	CORE_HALF	0.002	2	128	99.06	5.61	93.1	5.8	150.6	329	0.57	1563
151.00	153.00	136628	CORE_HALF	0.028	28	165	84.54	10	89.4	20.4	151.9	457	0.65	2271
153.00	155.15	136629	CORE_HALF	0.01	10	159	96.6	7.81	136	16.3	127.8	250	0.49	1950
155.15	156.00	136630	CORE_HALF	0.0501	50.1	577	46.07	29.73	56.9	46.4	29.5	836	1.19	615
156.00	157.20	136631	CORE_HALF	0.0406	40.6	829	36.75	41.98	50	54.1	53.9	1340	1.51	237
157.20	158.00	136632	CORE_HALF	0.0138	13.8	383	96.52	32.12	252	49.6	15.8	3125	2.78	2377
158.00	160.00	136633	CORE_HALF	0.0621	62.1	306	71.25	15.56	115.9	42.1	26.3	572	1.55	2408
160.00	162.00	136634	CORE_HALF	0.0673	67.3	485	89.66	50.55	87	24.1	29.9	429	2.07	1579
162.00	164.00	136635	CORE_HALF	0.0105	10.5	270	80.45	18.03	111.5	13.8	61.1	580	1.45	1929
164.00	166.00	136636	CORE_HALF	0.0103	10.3	205	89.41	18.69	100.8	12.3	141.6	222	0.88	1911
166.00	168.00	136637	CORE_HALF	0.0265	26.5	286	79.05	21.45	106.8	14.3	99.4	223	0.97	2044

168.00	170.00	136638	CORE_HALF	0.0125	12.5	207	92.57	14.44	123.1	11.5	179.1	273	0.83	1942
170.00	172.00	136639	CORE_HALF	0.0144	14.4	266	126.71	12.82	101.9	13.4	171.9	352	0.84	2046
172.00	174.00	136640	CORE_HALF	0.0085	8.5	177	66.59	25.33	96.6	15.8	64.3	157	0.79	2456
174.00	175.00	136641	CORE_HALF	0.0116	11.6	280	63.02	85.9	90.6	21.9	57.1	224	1.63	1934
175.00	177.00	136642	CORE_HALF	0.0114	11.4	247	83.35	22.03	82	19.3	81.6	176	0.83	1821
177.00	178.00	136643	CORE_HALF	0.0059	5.9	151	57.06	14.6	83.1	18.2	94.6	135	0.67	1783
178.00	179.00	136644	CORE_HALF	0.0106	10.6	229	41.57	49.02	41.5	32.3	74.2	402	1.12	2390
179.00	181.00	136645	CORE_HALF	0.0061	6.1	191	69.9	22.27	126	23.8	52.3	250	1.1	1783
181.00	183.00	136646	CORE_HALF	0.0113	11.3	220	50.04	15.02	121.9	21.3	90.3	432	0.83	2020
183.00	185.00	136647	CORE_HALF	0.0062	6.2	182	71.97	8.04	90.6	15.1	56.9	115	0.87	1701
185.00	187.00	136648	CORE_HALF	0.011	11	278	88.61	16.32	99	15.5	59.2	222	1.25	1964
187.00	189.00	136649	CORE_HALF	0.0098	9.8	275	103.55	8.06	96.9	13	65.7	236	1.12	1792
		136650	CORE_HALF	0.0085	8.5	253	89.76	6.81	95.6	11	56.9	234	1.15	2012
189.00	191.00	136651	CORE_HALF	0.0229	22.9	326	104.06	7.9	109.4	11.6	65.3	308	1.33	2177
191.00	193.00	136652	CORE_HALF	0.0048	4.8	126	82.63	4.5	134.4	4.7	235.9	73	0.55	1978
193.00	195.00	136653	CORE_HALF	0.0175	17.5	236	90.7	7.28	128.4	15	174.7	152	0.64	1842
195.00	197.00	136654	CORE_HALF	0.012	12	225	103.15	6.23	133.5	11	249.2	231	0.61	1591
197.00	199.00	136655	CORE_HALF	0.0069	6.9	162	102.43	4.98	90.5	8.8	261.2	85	0.72	1962
199.00	201.00	136656	CORE_HALF	0.0147	14.7	145	106.68	6.08	114.7	10.1	174.1	141	0.62	1918
201.50	203.00	136657	CORE_HALF	0.0034	3.4	97	55.72	13.17	122.8	3.7	754.6	146	0.64	2069
203.00	205.00	136658	CORE_HALF	0.0084	8.4	184	77.01	9.35	123.7	8.9	129	98	0.45	1906
205.00	207.00	136659	CORE_HALF	0.0137	13.7	148	58.85	6.5	112.1	10	163.6	83	0.44	1632
207.00	209.00	136660	CORE_HALF	0.0322	32.2	146	90.59	9.16	111.1	19.7	191.1	85	0.57	2264
209.00	210.90	136661	CORE_HALF	0.0091	9.1	146	114.11	6.18	132.8	9.6	199.8	65	0.41	1948
210.90	212.00	136662	CORE_HALF	0.025	25	458	97.15	21.05	115.3	21.2	16.8	283	1.03	3272
212.00	213.00	136663	CORE_HALF	0.0426	42.6	622	95.24	44.73	101.8	44.8	17	483	1.32	3090
213.00	214.00	136664	CORE_HALF	0.0378	37.8	546	73.79	49.55	98	61.1	24.1	464	1.33	1565
214.00	215.00	136665	CORE_HALF	0.0868	86.8	1331	131.92	82.79	47.4	68.4	8.3	1860	1.26	1095
215.00	215.60	136666	CORE_HALF	0.0808	80.8	802	95.54	43.58	61.6	87.9	24	739	2.64	1297
215.60	217.00	136667	CORE_HALF	0.0234	23.4	364	131.38	13.38	205.7	11.2	71.7	302	0.67	2143
217.00	218.00	136668	CORE_HALF	0.017	17	237	114	13.64	212.3	18.7	144.3	184	0.62	2419
218.00	220.00	136669	CORE_HALF	0.0071	7.1	124	82.65	8.35	138.1	9.2	227.6	59	0.35	2175
220.00	222.00	136670	CORE_HALF	0.0087	8.7	114	81.62	7.12	111.3	9.5	268.5	55	0.43	1980
222.00	224.00	136671	CORE_HALF	0.0029	2.9	61	65.49	7.33	120	5	594.3	287	0.86	2298
224.00	226.00	136672	CORE_HALF	0.0037	3.7	73	95.08	10.01	131.3	5.2	468.5	59	0.34	2286
226.00	228.00	136673	CORE_HALF	0.007	7	125	80.25	11.35	133.8	7	342.2	90	0.38	2593
		136674	CORE_HALF	0.008	8	153	87.25	13.22	136.9	7.3	295.9	106	0.38	2673
228.00	229.00	136675	CORE_HALF	0.036	36	668	96.97	85.27	122.5	70.4	23.9	673	1.03	2026
229.00	230.00	136676	CORE_HALF	0.0316	31.6	544	111.27	54.16	140.8	71.1	25.4	823	1.41	2011
230.00	231.00	136677	CORE_HALF	0.0264	26.4	486	130.83	38.79	81.5	77	35.9	705	1.22	2546
231.00	233.00	136678	CORE_HALF	0.0149	14.9	330	120.9	29.69	160.2	27.1	54.4	505	1.09	3108
233.00	235.00	136679	CORE_HALF	0.0119	11.9	442	112.97	51.08	181.7	70.1	45.6	585	2.64	1758
235.00	237.00	136680	CORE_HALF	0.008	8	350	107.16	45.01	175.7	38.2	41.5	1617	1.08	2278

237.00	239.00	136681	CORE_HALF	0.004	4	211	141.23	37.21	140.6	9.7	94.7	355	0.65	2811
239.00	241.00	136682	CORE_HALF	0.0065	6.5	258	131.53	54.46	137.6	19.5	172.1	415	0.99	2442
241.00	243.00	136683	CORE_HALF	0.0122	12.2	352	115.2	24.3	120.2	14.7	190.9	344	1.08	2338
243.00	245.00	136684	CORE_HALF	0.0124	12.4	306	97.39	16	147.3	24.6	214.4	232	1.2	2585
245.00	247.00	136685	CORE_HALF	0.0151	15.1	401	131.49	19.25	152	24.2	117.8	184	1.78	2400
247.00	249.00	136686	CORE_HALF	0.0124	12.4	237	134.79	6.3	111.3	14	98.1	84	0.63	1590
249.00	251.00	136687	CORE_HALF	0.008	8	252	49.86	22.73	144.5	34.4	108.5	236	1.78	2651
251.00	253.00	136688	CORE_HALF	0.0077	7.7	234	113.16	20.61	119.6	14.8	254.5	276	1.58	2533
253.00	255.00	136689	CORE_HALF	0.0121	12.1	282	95.83	31.46	130.9	20.5	250.1	384	1.41	2426
255.00	257.00	136690	CORE_HALF	0.0142	14.2	266	84	41.6	166.8	23.8	157	265	1.15	2605
257.00	259.00	136691	CORE_HALF	0.0264	26.4	379	106.89	32.01	329.8	159.4	70	1291	4.97	2755
259.00	261.00	136692	CORE_HALF	0.0072	7.2	231	90.06	32.52	280.7	34	54.7	321	1.27	2976
261.00	263.00	136693	CORE_HALF	0.0053	5.3	208	77.38	20.13	282.2	26.6	67.1	242	1.14	2573
263.00	264.00	136694	CORE_HALF	0.005	5	151	56.18	33.34	211.9	24.6	30.3	404	1.24	2589
264.00	264.80	136695	CORE_HALF	0.0079	7.9	178	96.56	24.15	307	56.4	18.5	333	2.48	1361
264.80	265.60	136696	CORE_HALF	0.0123	12.3	550	90.5	20.82	5.4	68.6	9.3	1102	1.39	136
265.60	267.00	136697	CORE_HALF	0.0049	4.9	167	114.77	10.84	172.2	54.4	56.6	75	1.16	1607
267.00	269.00	136698	CORE_HALF	0.0027	2.7	102	137.34	7.2	146.8	13	139.7	23	0.53	2531
		136699	CORE_HALF	0.0022	2.2	93	140.42	7.27	146.5	13.1	173.9	16	0.52	2527
269.00	271.00	136700	CORE_HALF	0.0054	5.4	374	111.67	36.25	218.5	56.6	30.5	251	2.3	2561
271.00	273.00	136701	CORE_HALF	0.0033	3.3	369	133.09	31.29	197.3	40.6	36.6	388	1.25	3197
273.00	274.00	136702	CORE_HALF	0.0032	3.2	521	118.79	38.23	237.6	74.4	26.5	171	1.42	2069
274.00	274.90	136703	CORE_HALF	0.0023	2.3	452	86.95	21.87	341	101.4	40.8	122	1.67	826
274.90	276.00	136704	CORE_HALF	0.0023	2.3	944	101.93	30.65	227.1	35.1	71.9	205	0.98	1191
276.00	277.00	136705	CORE_HALF	0.0055	5.5	608	68.49	34.94	282.7	77.7	22	240	0.95	1479
277.00	278.00	136706	CORE_HALF	0.004	4	237	81.43	47.06	95.1	53.5	25.7	551	1.23	2159
278.00	280.00	136707	CORE_HALF	0.0027	2.7	121	67.84	22.25	157.5	22.5	161.1	215	0.46	2760
280.00	280.80	136708	CORE_HALF	0.003	3	109	78.92	13.32	161.2	24.4	62.5	123	0.36	2617
280.80	282.00	136709	CORE_HALF	0.0021	2.1	146	57.93	32.2	101.5	9.8	14.2	396	0.44	2055
282.00	284.00	136710	CORE_HALF	0.0029	2.9	215	61.24	45.8	112.1	9.6	11.4	508	0.62	1971
284.00	286.00	136711	CORE_HALF	0.0022	2.2	213	55.85	38.22	133.2	11.1	15.6	105	0.58	1801
286.00	288.00	136712	CORE_HALF	0.0029	2.9	172	60.36	46.45	124.2	10.3	17.5	158	0.38	1842
288.00	290.00	136713	CORE_HALF	0.01	10	415	58.86	85.75	210.1	14.9	11.7	478	0.77	1839
290.00	292.00	136714	CORE_HALF	0.0272	27.2	368	129.47	58.51	264.6	38.2	13.7	306	2.88	2089
292.00	293.00	136715	CORE_HALF	0.0074	7.4	165	48.11	33.86	128.5	15.5	17.2	103	0.38	2410
293.00	294.35	136716	CORE_HALF	0.0098	9.8	459	61.68	48.35	158.7	28.1	19.9	245	0.48	1464
294.35	296.35	136717	CORE_HALF	0.0127	12.7	386	87.18	35.13	580	54.2	38.7	192	0.68	2893
296.35	297.00	136718	CORE_HALF	0.0239	23.9	601	229.82	46.25	181.9	70.5	10	141	2.23	729
297.00	299.00	136719	CORE_HALF	0.0184	18.4	366	24.29	19.84	52.7	22.1	18.4	42	0.45	987
299.00	300.00	136720	CORE_HALF	0.0091	9.1	192	37.41	17.21	64	28.5	19.4	402	0.86	754
300.00	302.00	136721	CORE_HALF	0.0039	3.9	106	59.31	26.44	52.6	29.1	19.6	145	0.99	974
302.00	303.00	136722	CORE_HALF	0.0021	2.1	52	39.06	21	125.8	19.2	23.7	120	1.09	1265
303.00	304.00	136723	CORE_HALF	0.0042	4.2	85	54.51	30.01	96.3	32.4	22.5	316	0.92	717

304.00	306.00	136724	CORE_HALF	0.0028	2.8	51	31.79	13.44	63.5	32.1	23	85	0.65	1054
306.00	308.00	136725	CORE_HALF	0.0015	1.5	52	23.61	12.68	95	51.8	34.7	42	0.35	1085
		136726	CORE_HALF	0.0019	1.9	52	21.98	12.31	101.5	53.3	36.6	36	0.35	1081
308.00	310.00	136727	CORE_HALF	0.0082	8.2	118	52.45	17.85	68.5	50.2	22.6	48	0.72	680
310.00	312.00	136728	CORE_HALF	0.0175	17.5	358	167.25	22.54	142.2	58.9	17.5	60	1.47	1091
312.00	314.00	136729	CORE_HALF	0.0191	19.1	375	148.1	21.74	133.4	58.5	20.3	61	0.82	2314
314.00	316.00	136730	CORE_HALF	0.0146	14.6	301	127.88	17.61	119.8	59.6	28	26	1.24	2293
316.00	318.00	136731	CORE_HALF	0.0042	4.2	133	156.24	11.01	123.2	44.7	116.8	65	0.96	2031
318.00	320.00	136732	CORE_HALF	0.0071	7.1	152	107.16	13.8	107.2	63.2	56.5	75	0.95	1724
320.00	322.00	136733	CORE_HALF	0.0042	4.2	94	54.42	7.28	79.3	23.6	174.6	35	0.6	1435
322.00	324.00	136734	CORE_HALF	0.0012	1.2	71	23.07	5.74	68.4	14.1	189.6	10	0.48	1444
324.00	326.00	136735	CORE_HALF	0.0054	5.4	146	20.41	6.8	78.4	19.2	203	20	0.59	1368
326.00	328.00	136736	CORE_HALF	0.0052	5.2	149	32.37	7.8	74.6	15.2	164.6	18	0.65	1543
328.00	330.00	136737	CORE_HALF	0.0261	26.1	928	114.09	17.35	93.1	32.1	60.3	57	1.66	1613
330.00	332.00	136738	CORE_HALF	0.0208	20.8	352	60.73	9.77	67.1	19.4	105.3	30	1.07	1365
332.00	334.00	136739	CORE_HALF	0.0634	63.4	281	70.54	4.83	77.4	19.4	84.7	23	0.68	1811
334.00	335.00	136740	CORE_HALF	0.1003	100.3	247	56.05	2.5	88.6	17.2	106.6	39	0.57	1602
335.00	338.00	136741	CORE_HALF	0.0166	16.6	304	91.75	11.51	86.1	27.1	111.8	84	0.71	1782
338.00	340.00	136742	CORE_HALF	0.0081	8.1	412	102.32	5	74.6	35.4	223.9	62	0.83	1667
340.00	342.00	136743	CORE_HALF	0.0107	10.7	442	144.5	4.23	82.5	40.1	51	30	0.96	1614
342.00	344.00	136744	CORE_HALF	0.0114	11.4	372	117.62	4.06	83	50.4	69.3	23	0.87	1730
344.00	346.00	136745	CORE_HALF	0.009	9	494	176.27	4.43	80	34.3	95.8	19	1.03	1616
346.00	348.00	136746	CORE_HALF	0.0221	22.1	371	107.74	4.93	78.8	66.6	61.2	25	0.88	1877
348.00	350.00	136747	CORE_HALF	0.0246	24.6	323	103.01	4.58	78.2	61.9	56.9	13	0.81	2404
350.00	352.00	136748	CORE_HALF	0.0024	2.4	217	120.77	2.48	86.5	12.6	64.8	11	0.36	1862
		136749	CORE_HALF	0.0048	4.8	204	131.24	2.66	84.2	15.8	76.6	12	0.4	1885
352.00	354.00	136750	CORE_HALF	0.0007	0.7	538	106.85	8.01	77.9	31.5	108.7	17	0.79	2289
354.00	354.60	136751	CORE_HALF	0.0022	2.2	781	105.73	12.15	102.7	67.2	129.4	41	0.89	2396

HERITAGE EXPLORATIONS
DRILL HOLE LOG

03_131

Geoinformatics Exploration Pty Ltd

Header

Hole ID	03_131	*Hole type*	Diamond drill *Size* NQ	*Date commenced*	4/10/2003
DataSet	SIBS	*Depth*	118.50 m	*Date completed*	5/10/2003
Location	Lulu Prospect	*Geologist*	Tony Worth	*Drilling company*	FALCON DRILLING
Tenement	255265	*Notes*	Original coords are approximate		

Collar Location

Field survey GPS located

	Grid ID	East	North	RL	Grid unit
Local Grid	SIB_Local	8930.00		995.00	m
UTM Grid	NAD83_9	407586.42	6273537.22	997.62	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	93.5	Magnetic	117.0	-56.0	Compass	
118.00	m		Magnetic	117.0	-58.0	Camera	Survey failed on Azimuth

Lithology

Logged by:

From	To	m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	1.50			CASE			100	
1.50	50.20		F	VFRO	PBX	BLK	100	Weathered on fracture surfaces
50.20	58.00		F	VFRO	PBX	BLK	100	fresh
58.00	77.00		F	VFRO	FOL	PBX	100	deformed - semi ductile shear zone? - black rhyolite
77.00	118.50		F	VFRO	PBX		100	more massive black rhyolite

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
12.00	14.00		Sericitiziation	pat	MOD	SERI	MOD	PY	TR				
34.00	53.00		Sericitiziation	pat	WK	SERI	WK	PY	TR				

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
1.50	19.70		QZ/CARB	Planar Veins	TR	5	
19.70	22.00		QZ/CARB	Planar Veins	WK	10	
22.00	40.00		QZ/CARB	Stringer Veins	TR	2	
40.00	65.50		QZ/CARB	Stringer Veins	TR	2	
			QZ/CARB	Hairline	TR	1	
65.50	80.60		QZ/CARB	Stringer Veins	TR	2	
			QZ/CARB	Hairline	TR	1	
80.60	87.00		QZ/CARB	Fracture Veins	WK	2	
91.00	94.00		QZ/CARB	Planar Veins	WK	5	

94.00	97.00	QZ/CARB	Planar Veins	WK	5
		QZ	Irregular/deformed/segmented	WK	10
97.00	116.00	QZ/CARB	Stringer Veins	TR	2
116.00	118.50	QZ/CARB	Fracture Veins	WK	2

Structure

From	To m	Structure	Intensity	Comments
1.50	58.00	fracture zone	MOD	
58.00	77.00	shear/ shear zone	MOD	Zone of foliation/cleavage - more ductile deformation
77.00	85.50	fracture zone	MOD	
92.00	98.00	fracture zone	MOD	2cm gouge at 96.85m
98.00	102.10	shear/ shear zone	MOD	Zone of foliation/cleavage - more ductile deformation
102.10	102.30	fault zone	STG	broken core + gouge
102.30	113.50	shear/ shear zone	WK	mod fabric - poss flow banding
113.50	118.50	fracture zone	MOD	

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge Dir.	Reliability	Comments
59.50	Foliation	45.0	330.0			74	275	high	
59.90	Foliation	15.0	310.0			84	69	high	
60.50	Foliation	48.0	320.0			69	270	high	
62.70	Foliation	32.0	278.0			67	231	high	
64.00	Foliation	37.0	310.0			76	258	high	
66.00	Foliation	40.0	355.0			82	293	high	
70.30	Foliation	35.0	32.0			83	323	high	
72.20	Foliation	30.0	360.0			88	117	high	variable beta
73.50	Foliation	40.0	355.0			82	293	high	
84.60	Foliation	25.0	23.0			85	138	high	
86.50	Foliation	20.0	25.0			81	141	high	

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
1.50	80.00	0.5	pyrite	fsel	0.5							
80.00	82.00	1	pyrite	fsel	1							
116.00	118.50	0.5	pyrite	fsel	0.5							

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
58.00	60.00	136752	CORE_HALF	0.0008		0.8	188	4.27	22.53	117.3	13.6	40.5	57	1.22	96
60.00	62.00	136753	CORE_HALF	0.0005		0.5	139	4.06	19.79	123.4	5.1	44	51	1.1	205
62.00	64.00	136754	CORE_HALF	-0.0002		-0.2	152	3.27	18.8	124.1	3.2	36	39	1.07	134
64.00	66.00	136755	CORE_HALF	0.0009		0.9	172	3.98	18.26	120.7	3	28	47	1.25	232
66.00	68.00	136756	CORE_HALF	-0.0002		-0.2	149	3.07	17.57	121.7	1.5	37.5	36	0.88	627
68.00	70.00	136758	CORE_HALF	0.0003		0.3	160	3.72	18.11	122.8	2.7	42.2	45	0.96	185
		136757	CORE_HALF	0.0003		0.3	313	4.29	17.5	130.3	3.2	26.5	50	0.95	179
70.00	72.00	136759	CORE_HALF	0.0007		0.7	163	3.85	19.81	118.9	3.4	45.5	41	0.93	174
72.00	74.00	136760	CORE_HALF	0.0004		0.4	142	3.32	18.43	130.8	4.3	65.4	38	0.87	115
74.00	76.00	136761	CORE_HALF	0.0009		0.9	143	3.61	21.52	122.7	7.7	294.2	45	1.67	95
76.00	78.00	136762	CORE_HALF	0.0009		0.9	190	3.99	22.28	121.5	15.1	31.4	56	2.6	245

78.00	80.00	136763	CORE_HALF	0.0009	0.9	271	4.23	23.03	107.7	29.2	39.8	138	3.54	510
80.00	82.00	136764	CORE HALF	0.002	2	462	4.8	28.95	92.7	39.4	27.1	175	4.75	51
82.00	84.00	136765	CORE HALF	0.0022	2.2	504	5.94	44.19	244	25.1	22.3	201	4.72	44
84.00	86.00	136766	CORE_HALF	0.0009	0.9	371	5.22	34.76	203.4	11.8	56.5	85	1.88	76

HERITAGE EXPLORATIONS
DRILL HOLE LOG

BZ03_07

Geoinformatics Exploration Pty Ltd

Header

Hole ID	BZ03_07	*Hole type*	Diamond drill *Size* BTW	*Date commenced*	23/09/2003
DataSet	BONSAI	*Depth*	190.55 m	*Date completed*	25/09/2003
Location	Bonsai Prospect	*Geologist*	David Byrne	*Drilling company*	FALCON DRILLING
Tenement	307393	*Notes*			

Collar Location

Field survey GPS located

	Grid ID	East	North	RL	Grid unit
Local Grid	UTM_NAD83	404638.00	6276365.00	861.00	m
UTM Grid	NAD83_9	404643.29	6276362.85	862.41	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	67.0	Magnetic	90.0	-45.0	Compass	
92.96	m	68.5	Magnetic	91.5	-44.5	Camera	
184.40	m	68.5	Magnetic	91.5	-46.0	Camera	

Lithology

Logged by: David Byrne

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	4.30		CASE			100	
4.30	11.00	F	XVRF			100	
11.00	12.35	C	SAFO	LAM		100	
12.35	13.30	C	YFRE			100	
13.30	14.05	F	SAFO	LAM		100	
14.05	17.60	C	VFRX			100	
17.60	17.80	F	SAFO	LAM		100	
17.80	19.10	C	VFRX			100	
19.10	21.20	F	SACO	LAM		100	
21.20	21.75	C	VFRO			100	
21.75	22.15	F	SACO	LAM		100	
22.15	26.20	C	VFRX			100	
26.20	33.45	C	XVRX			100	
33.45	35.20	F	SACO	LAM		100	
35.20	38.60	C	XYRX			100	
38.60	41.15	F	YFRE			100	
41.15	42.65	F	SACO	LAM		100	
42.65	43.25	C	VFRX			100	
43.25	45.60	F	SAFO	LAM		100	

45.60	46.50	F	VFRU		100
46.50	48.30	F	SACO	LAM	100
48.30	49.90	F	VFRU		100
49.90	50.25	C	XVRX		100
50.25	55.65	F	VFRU		100
55.65	56.50	C	VFRX		100
56.50	57.45	F	VFRU		100
57.45	58.05	C	VFRX		100
58.05	58.35	F	VFRU		100
58.35	59.85	C	VFRX		100
59.85	60.60	F	VFRU		100
60.60	61.15	C	VFRX		100
61.15	61.85	F	VFRU		100
61.85	64.00	C	VFRX		100
64.00	106.45	F	VFRU		100
106.45	125.90	F	SACO	LAM	100
125.90	190.55	F	VFRU		100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
12.35	13.30		Chloritization	mass	STG	CL		EP					
14.05	16.50		Chloritization	mass	STG	CL		EP					
22.30	25.90		Chloritization	mass	STG	CL		EP		CARB			
38.70	41.15		Chloritization	pat	MOD	CL		EP		CARB			
42.65	43.20		Chloritization	mass	STG	CL		EP					
45.65	46.50		Chloritization	mass	STG	CL							
49.40	49.90		Carbonatization	mass	STG	CARB		CL					
50.25	101.35		Carbonatization	mass	STG	CARB		CL					
103.30	104.20		Carbonatization	mass	STG	CARB		CL					
105.90	106.30		Carbonatization	mass	STG	CARB		CL					
125.90	136.60		Carbonatization	mass	STG	CARB		SI					
136.60	138.20		Chloritization	mass	WK	CL							
138.20	141.00		Hematization	mass	WK	HEM		CL					
141.00	145.30		Hematization	pat	MOD	HEM		CL					
145.30	146.00		Chloritization	mass	WK	CL							
146.00	149.30		Carbonatization	mass	STG	CARB		SI		SERI			
149.30	151.35		Chloritization	pat	WK	CL		HEM		CARB			
151.35	156.10		Hematization	mass	MOD	HEM		CL					
156.10	158.60		Chloritization	mass	MOD	CL		CARB					
158.60	163.00		Carbonatization	mass	STG	CARB		SI		SERI			
163.00	167.60		Chloritization	pat	WK	CL		CARB		SI			
167.60	176.70		Carbonatization	mass	STG	CARB		SI					
176.70	178.00		Chloritization	mass	MOD	CL							
178.00	180.40		Chloritization	pat	WK	CL		EP		CARB			
180.40	187.00		Carbonatization	mass	STG	CARB							
187.00	189.30		Chloritization	pat	WK	CL		EP		CARB			
189.30	190.55		Carbonatization	mass	MOD	CARB							

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
10.50	11.10		QZ/CARB	Irregular/deformed/segmented	STG	4	
11.30	13.90		CARB	Planar Veins	WK	5	
14.60	16.25		QZ/CARB	Irregular/deformed/segmented	MOD	3	
21.15	21.25		QZ/CARB	Laminated Veins	STG	75	
26.30	28.50		CARB	Irregular/deformed/segmented	WK	4	
33.30	36.40		CARB	Irregular/deformed/segmented	MOD	8	
41.10	42.10		CARB	Irregular/deformed/segmented	WK	3	
43.10	44.35		CARB	Irregular/deformed/segmented	MOD	4	
46.55	48.60		CARB	Irregular/deformed/segmented	WK	2	
49.70	50.25		QZ/CARB	Irregular/deformed/segmented	MOD	1	
51.30	54.80		QZ/CARB	Irregular/deformed/segmented	MOD	4	
65.95	66.05		QZ/CARB	Planar Veins	STG	80	
83.00	83.80		QZ/CARB	Planar Veins	MOD	80	
84.40	87.45		CARB	Irregular/deformed/segmented	WK	1	
90.25	92.95		CARB	Irregular/deformed/segmented	WK	3	
92.95	93.85		QZ/CARB	Irregular/deformed/segmented	MOD	4	
102.50	106.35		QZ/CARB	Planar Veins	MOD	20	
118.25	119.00		CARB	Irregular/deformed/segmented	MOD	9	
124.20	125.40		CARB	Laminated Veins	MOD	20	
127.60	131.35		CARB	Planar Veins	WK	2	
131.95	134.60		QZ/CARB	Irregular/deformed/segmented	STG	30	
134.60	137.10		CARB	Irregular/deformed/segmented	WK	2	
141.75	143.75		CARB	Irregular/deformed/segmented	WK	1	
144.45	144.80		QZ/CARB	Irregular/deformed/segmented	STG	30	
144.80	146.60		CARB	Irregular/deformed/segmented	WK	1	
150.50	158.80		QZ/CARB	Irregular/deformed/segmented	WK	2	
159.10	163.50		QZ/CARB	Planar Veins	WK	3	
164.70	167.55		QZ/CARB	Irregular/deformed/segmented	WK	2	
173.60	176.65		QZ/CARB	Irregular/deformed/segmented	MOD	15	
178.00	190.55		QZ/CARB	Planar Veins	WK	2	

Structure

From	To	m	Structure	Intensity	Comments
4.30	10.50		fracture zone	STG	
11.30	11.65		fracture zone	STG	
14.10	15.80		fracture zone	MOD	
16.80	17.70		fracture zone	MOD	
19.10	21.00		fracture zone	STG	
			fault zone	STG	
21.80	21.95		fracture zone	STG	
			fault zone	STG	
26.30	26.90		fracture zone	MOD	
			fault zone	STG	
26.90	28.65		fracture zone	STG	
28.65	33.00		fracture zone	MOD	
33.00	35.20		fracture zone	STG	
			fault zone	STG	
35.20	37.20		fracture zone	MOD	
37.20	37.50		fracture zone	STG	
41.90	42.10		fracture zone	STG	

45.15	45.70	fracture zone	STG
46.60	48.50	fracture zone	STG
49.70	51.20	fracture zone	MOD
		fault	MOD
60.50	61.50	fracture zone	STG
106.25	106.90	cataclastic	MOD
		fracture zone	STG
115.45	116.15	fracture zone	STG
117.15	117.85	fracture zone	STG
118.15	118.25	fracture zone	STG
120.35	123.15	cataclastic	MOD
		fracture zone	STG
124.25	125.40	cataclastic	MOD
		fracture zone	STG
132.05	132.80	fault gouge / clay/ pug	MOD
		fracture zone	STG
138.70	140.85	fracture zone	STG
152.00	152.35	fault gouge / clay/ pug	MOD
		fracture zone	STG
163.25	163.40	cataclastic	MOD
		fracture zone	STG
164.65	165.85	fracture zone	STG
166.40	166.75	fracture zone	STG
174.55	174.75	fault gouge / clay/ pug	MOD
		fracture zone	STG
175.85	176.70	fracture zone	STG

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl	Dipl Plunge	Dipl Plunge Dir.	Reliability	Comments
11.00	Vein	37.0								Laminated quartz-carbonate vein 200mm thick
12.00	Foliation	47.0								
13.30	Bedding	60.0								
23.30	Bedding	38.0								
23.30	Foliation	20.0								
37.80	Bedding	25.0								
37.80	Foliation	12.0								
42.40	Foliation	31.0								
42.40	Bedding	34.0								
47.80	Foliation	31.0								
55.70	Bedding	42.0								
60.30	Bedding	35.0								
76.70	Bedding	75.0								
107.00	Foliation	40.0								
111.50	Bedding	25.0								
123.20	Foliation	38.0								
146.00	Foliation	42.0								
150.60	Foliation	54.0								
177.00	Foliation	30.0								

Mineralisation

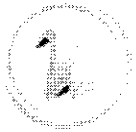
From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
14.00	15.20	1	pyrite	diss	1							
41.20	42.60	2	pyrite	lam	2							
44.50	44.90	3	pyrite	lam	3							
102.20	103.30	3	pyrite	ff	3							
119.00	125.90	2	pyrite	bd	2							
152.50	155.20	2	unknown	blb	2							Red mineral rimmed by carbonate

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
4.30	5.50	134392	CORE_HALF	0.006	0.006	0.7	434	56.06	35.57	113.2	40.1	94	234	10.94	599
5.50	7.00	134393	CORE_HALF	0.01	0.01	0.9	202	21.13	25.26	165.6	176.4	81.9	494	12.27	273
7.00	8.50	134394	CORE_HALF	0.004	0.004	0.7	301	8.67	37.67	124.5	119.1	91.4	592	8.22	73
8.50	11.30	134395	CORE_HALF	0.007	0.007	0.6	289	12.59	32.34	124.1	136.8	87.8	416	6.01	464
11.30	13.00	134396	CORE_HALF	0.014	0.014	0.6	376	37.04	25.71	125.7	111.6	65.4	348	7.62	683
13.00	15.00	134397	CORE_HALF	0.011	0.011	0.7	316	28.34	32.08	114.7	68.1	105.7	290	6.85	390
15.00	16.80	134398	CORE_HALF	-0.002	-0.002	0.6	74	6.85	15.64	184.4	67.6	94.4	506	3.7	306
16.80	19.00	134399	CORE_HALF	0.008	0.008	1.7	262	8.08	27.89	156.6	251.5	71.5	2416	12.58	277
19.00	20.40	134400	CORE_HALF	0.008	0.008	0.3	502	37.76	15.55	247.7	81.3	96.2	885	14.74	259
20.40	22.00	134551	CORE_HALF	0.002	0.002	-0.2	340	38.94	14.67	105.9	44.9	163.2	440	6.76	629
22.00	24.00	134552	CORE_HALF	0.002	0.002	1.1	170	6.58	16.98	72	94	144.2	318	2.78	151
24.00	26.00	134553	CORE_HALF	0.006	0.006	2.2	251	5.36	13.18	55.3	43.7	90.6	97	0.91	191
26.00	28.00	134554	CORE_HALF	0.003	0.003	-0.2	416	19.07	20.32	137.3	98.9	97.8	647	7.11	239
28.00	30.00	134555	CORE_HALF	0.002	0.002	0.7	141	8.43	14.74	60.7	170.1	82.5	757	7.96	108
30.00	32.00	134556	CORE_HALF	0.005	0.005	0.3	181	10.75	17.85	87.5	133.5	82.7	500	6.8	99
32.00	33.80	134557	CORE_HALF	-0.002	-0.002	-0.2	232	17.35	14.84	145.9	107.7	86.2	779	6.97	206
33.80	36.00	134558	CORE_HALF	0.002	0.002	-0.2	464	43.08	13.67	300	46	126.5	1268	7.08	248
36.00	38.00	134559	CORE_HALF	0.004	0.004	-0.2	440	39.12	15.59	207	79.6	102.4	1251	8.12	204
38.00	40.00	134560	CORE_HALF	0.003	0.003	1	282	18.1	17.53	82.4	88.5	98.5	431	3.55	204
40.00	41.15	134561	CORE_HALF	0.003	0.003	1.3	238	6.42	17.09	47.6	160.7	95.1	327	4.23	364
41.15	42.65	134562	CORE_HALF	0.015	0.015	0.5	480	58.68	21.28	134.2	37.4	94.4	448	4.98	738
42.65	43.20	134563	CORE_HALF	0.007	0.007	2.8	222	16.82	14.61	84.3	39.9	156.3	328	1.64	473
43.20	45.00	134564	CORE_HALF	0.016	0.016	0.7	297	62.05	20.12	152.6	39.3	90.8	714	5.53	558
45.00	46.50	134565	CORE_HALF	0.011	0.011	0.5	268	29.52	11.49	132.9	37.2	168.7	408	4	458
46.50	48.60	134566	CORE_HALF	0.011	0.011	-0.2	320	34.45	11.21	135.1	22.4	141.8	699	3.91	517
48.60	50.00	134567	CORE_HALF	-0.002	-0.002	0.3	87	37	9.57	59.8	85.6	131	307	2.97	703
50.00	52.00	134568	CORE_HALF	-0.002	-0.002	0.3	48	39.49	4.2	59	11.4	113.6	87	0.42	917
52.00	54.00	134569	CORE_HALF	0.004	0.004	-0.2	21	35.18	2.02	39	0.5	192.3	7	0.05	1164
54.00	56.00	134570	CORE_HALF	-0.002	-0.002	0.2	23	46.07	1.59	53.5	0.3	175.9	9	0.06	1120
56.00	58.00	134571	CORE_HALF	0.0008		0.8	116	42.79	5.06	62	0.4	232	9	0.08	733
58.00	60.00	134572	CORE_HALF	0.0008		0.8	60	45.03	3.4	67.8	1.4	249.7	8	0.16	664
60.00	62.00	134573	CORE_HALF	0.0008		0.8	335	27.87	6.14	68.7	3	242.5	14	0.34	498
62.00	64.00	134574	CORE_HALF	0.0007		0.7	72	27.67	5.32	80.4	1.1	161.9	13	0.17	849

64.00	66.00	134575	CORE_HALF	0.0012		1.2	65	30.11	7.21	53.2	0.5	675.1	7	0.1	1320
		134576	CORE_HALF	0.0015		1.5	76	34.13	8.43	68.9	0.4	607.7	10	0.15	1384
66.00	68.00	134577	CORE_HALF	0.0009		0.9	53	56.4	7.61	65.6	0.1	326	8	0.05	1402
68.00	70.00	134578	CORE_HALF	0.0009		0.9	46	35.14	6.72	60.5	-0.1	206.6	6	0.08	993
70.00	72.00	134579	CORE_HALF	0.0011		1.1	29	31.2	2.8	71.9	-0.1	256.7	-5	0.06	742
72.00	74.00	134580	CORE_HALF	0.0011		1.1	47	32.43	4.23	68.6	0.3	357	-5	0.08	822
74.00	76.00	134581	CORE_HALF	0.0009		0.9	45	39.32	6.5	61.5	-0.1	169.9	5	0.07	934
76.00	78.00	134582	CORE_HALF	0.0012		1.2	46	45.16	6.67	67.9	0.2	415.2	8	0.07	1022
78.00	80.00	134583	CORE_HALF	0.0011		1.1	43	46.88	4.53	78.2	0.1	784.4	7	0.06	1006
80.00	82.00	134584	CORE_HALF	0.0014		1.4	51	36.28	6.17	68.3	0.3	147.3	5	0.09	1033
82.00	84.00	134585	CORE_HALF	0.001		1	75	30.58	6.42	76.8	1.4	104	8	0.19	1120
84.00	86.00	134586	CORE_HALF	0.0009		0.9	22	36.56	2.8	63.2	-0.1	194.5	-5	0.06	1015
86.00	88.00	134587	CORE_HALF	0.0007		0.7	23	37.96	2.57	63.4	-0.1	267	-5	0.05	1040
88.00	90.00	134588	CORE_HALF	0.0007		0.7	47	30.45	6.14	53.2	1.6	136.6	9	0.14	1368
90.00	92.00	134589	CORE_HALF	0.0008		0.8	23	41.3	2.61	59.6	-0.1	203	-5	0.06	1029
92.00	94.00	134590	CORE_HALF	0.0007		0.7	23	43.42	1.97	52.8	1.7	1048	6	0.05	1032
94.00	96.00	134591	CORE_HALF	0.0004		0.4	31	42.53	3.18	64.4	-0.1	249.2	-5	0.04	1009
96.00	98.00	134592	CORE_HALF	0.0003		0.3	31	38.85	3.35	66.5	-0.1	186.2	-5	0.03	1018
		134593	CORE_HALF	0.0003		0.3	38	45.49	3.81	69	0.1	239.9	-5	0.04	1037
98.00	100.00	134594	CORE_HALF	0.0006		0.6	39	34.76	4.48	76.5	1.4	487.6	12	0.1	776
100.00	102.00	134595	CORE_HALF	0.0003		0.3	31	43.67	2.61	79.8	4	194.7	19	0.33	1053
102.00	103.50	134596	CORE_HALF	0.0002		0.2	37	35.11	12.07	66.1	24.1	90.5	288	1.51	1015
103.50	105.00	134597	CORE_HALF	0.0006		0.6	37	44.79	3.65	60.1	9.6	183.4	13	0.21	1411
105.00	106.45	134598	CORE_HALF	0.002	0.002	0.6	90	33.21	4.97	57.4	25.5	110.2	54	0.96	1031
106.45	108.00	134599	CORE_HALF	0.018	0.018	0.8	287	66.45	22.23	210	41.9	42.5	820	4.65	449
108.00	110.00	134600	CORE_HALF	0.02	0.02	1.1	236	75.54	20.17	187.2	34.2	110.2	776	3.49	738
110.00	112.00	134601	CORE_HALF	0.021	0.021	0.6	308	76.57	24.76	177.7	36.8	87.5	1036	3	536
112.00	114.00	134602	CORE_HALF	0.01	0.01	0.9	230	40.51	20.93	133.3	24	92.1	763	1.69	469
114.00	116.00	134603	CORE_HALF	0.007	0.007	0.7	220	44.03	18.3	187.7	22.4	94.4	727	1.51	430
116.00	118.25	134604	CORE_HALF	0.01	0.01	0.4	208	45.22	20.93	138.8	20.6	91.1	784	1.28	376
118.25	120.00	134605	CORE_HALF	0.01	0.01	0.5	220	52.61	18.2	175.8	22.1	36.7	952	1.37	520
120.00	121.95	134606	CORE_HALF	0.014	0.014	0.5	301	56.75	17.02	275.8	25.1	57	1241	1.98	496
121.95	124.00	134607	CORE_HALF	0.025	0.025	0.5	315	52.53	18.61	192.2	26.7	49.9	914	2.05	469
124.00	125.90	134608	CORE_HALF	0.016	0.016	0.6	282	59.87	22.61	155.8	25.7	39.5	810	2.05	739
125.90	128.00	134609	CORE_HALF	0.002	0.002	0.4	22	39.59	1.17	61	2.6	348	30	0.12	1277
128.00	130.00	134610	CORE_HALF	0.0005		0.5	22	38.21	1.16	50.5	0.5	1040	20	0.08	890
130.00	132.00	134611	CORE_HALF	0.0002		0.2	21	45.81	1	38.6	3.3	683.6	28	0.07	1018
132.00	134.00	134612	CORE_HALF	0.0002		0.2	33	39.12	0.83	23.2	31.2	1612.8	10	0.14	1109
134.00	136.00	134613	CORE_HALF	0.0003		0.3	37	26.69	1.54	23.1	14.8	374.8	52	0.21	800
136.00	138.00	134614	CORE_HALF	0.0003		0.3	19	17.44	1.86	58.8	0.6	510.8	24	0.11	602
138.00	140.00	134615	CORE_HALF	0.0005		0.5	18	15.6	1.56	63.8	-0.1	160.3	8	0.11	549
140.00	142.00	134616	CORE_HALF	-0.0002		-0.2	38	13.73	2.7	59	-0.1	270	-5	0.14	750
142.00	144.00	134617	CORE_HALF	-0.0002		-0.2	53	16.63	4.09	48.1	-0.1	403	9	0.1	1236

144.00	146.00	134618	CORE_HALF	0.0004	0.4	52	15.76	3.18	59.1	0.1	1845.7	6	0.09	862
146.00	148.00	134619	CORE_HALF	0.0004	0.4	53	30.94	6.71	61.3	-0.1	550.9	5	0.12	867
148.00	150.00	134620	CORE_HALF	0.0011	1.1	39	23.36	6.05	60.4	-0.1	1271.2	5	0.16	1049
150.00	152.00	134621	CORE_HALF	0.0005	0.5	40	25.56	4.29	60	-0.1	2642.1	5	0.07	1036
152.00	154.00	134622	CORE_HALF	0.0007	0.7	29	40.25	2.74	67.5	-0.1	1047.6	-5	0.06	842
154.00	156.00	134623	CORE_HALF	0.001	1	55	32.56	2.8	63.2	-0.1	286.1	-5	0.11	890
156.00	158.00	134624	CORE_HALF	0.0006	0.6	31	28.19	2.21	61.4	-0.1	332.8	-5	0.08	891
158.00	160.00	134625	CORE_HALF	0.0004	0.4	30	25.82	3.56	64.8	0.3	95.3	5	0.1	831
		134626	CORE_HALF	0.0002	0.2	30	27.94	3.63	64.3	0.3	142.6	-5	0.11	856
160.00	162.00	134627	CORE_HALF	0.0005	0.5	99	29.55	14.39	69.2	2.6	101.1	15	0.38	1300
162.00	164.00	134628	CORE_HALF	-0.0002	-0.2	43	23.18	4.88	68.1	0.7	95.7	8	0.12	1018
164.00	166.00	134629	CORE_HALF	0.0007	0.7	112	47.76	9.57	47.4	13.6	176.2	134	1.6	1173
166.00	168.00	134630	CORE_HALF	-0.0002	-0.2	26	40.67	1.49	59.2	1.4	54.9	12	0.09	1073
168.00	170.00	134631	CORE_HALF	-0.0002	-0.2	30	18.38	4.58	59.9	0.1	1419.5	7	0.05	1014
170.00	172.00	134632	CORE_HALF	0.0007	0.7	44	24.19	5.04	57	0.2	517.6	10	0.08	945
172.00	174.00	134633	CORE_HALF	0.0011	1.1	42	26.23	4.48	66.5	0.1	285.7	9	0.12	1057
174.00	176.00	134634	CORE_HALF	0.0003	0.3	36	23.53	4.72	57.8	1.5	352.3	10	0.11	1047
176.00	178.00	134635	CORE_HALF	0.0004	0.4	40	22.81	2.94	61.3	0.5	195.8	5	0.13	1064
178.00	180.00	134636	CORE_HALF	0.0003	0.3	52	21.92	3.07	61.5	-0.1	820.7	-5	0.12	988
180.00	182.00	134637	CORE_HALF	0.0003	0.3	31	20.48	5.3	60.4	-0.1	894.2	-5	0.06	972
182.00	184.00	134638	CORE_HALF	0.0006	0.6	50	20.12	9.27	65.4	0.2	632.1	5	0.12	877
184.00	186.00	134639	CORE_HALF	0.0006	0.6	50	17.01	4.01	62.9	0.1	2096.7	-5	0.09	791
186.00	188.00	134640	CORE_HALF	0.0006	0.6	19	4.15	2.45	68.5	0.1	858.5	-5	0.06	791
188.00	190.00	134641	CORE_HALF	0.0006	0.6	28	19.5	4.17	65.7	-0.1	848.6	-5	0.07	872
190.00	190.55	134642	CORE_HALF	-0.0002	-0.2	31	16.45	5.7	58.7	0.1	494.4	-5	0.08	864



HERITAGE EXPLORATIONS
DRILL HOLE LOG

BZ03_08

Geoinformatics Exploration Pty Ltd

Header

Hole ID	BZ03_08	*Hole type*	Diamond drill	*Size*	BTW	*Date commenced*	29/09/2003
DataSet	BONSAI	*Depth*	296.20 m			*Date completed*	2/10/2003
Location	Bonsai Prospect	*Geologist*	David Byrne			*Drilling company*	FALCON DRILLING
Tenement	307393	*Notes*					

Collar Location

Field survey GPS located

	Grid ID	East	North	RL	Grid unit
Local Grid	UTM_NAD83	404902.00	6276352.00	990.00	m
UTM Grid	NAD83_9	404896.61	6276353.12	975.12	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	247.0	Magnetic	270.0	-62.0	Compass	
92.00	m	247.0	Magnetic	270.0	-62.0	Camera	
183.50	m	249.0	Magnetic	272.0	-62.0	Camera	
287.00	m	252.0	Magnetic	275.0	-62.5	Camera	

Lithology

Logged by: David Byrne

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	7.60		CASE			100	
7.60	8.60		VFRU			100	
8.60	9.50		SACO			100	
9.50	9.60		VFRU			100	
9.60	9.80		SACO			100	
9.80	10.30		VFRU			100	
10.30	11.30		SACO			100	
11.30	14.50		VFRU			100	
14.50	28.30		SACO			100	
28.30	29.20		VFRU			100	
29.20	47.20		SACO			100	
47.20	48.00		VFRX			100	
48.00	63.10		SACO			100	
63.10	73.30		VFRX			100	
73.30	73.90		SACE			100	
73.90	74.45		VFRU			100	
74.45	77.40		SACO			100	
77.40	156.20		VFRX			100	Hosts pyrite

156.20	158.00	SACO	100
158.00	159.20	SICO	100
159.20	160.75	SACO	100
160.75	163.85	SICO	100
163.85	169.70	VFRU	100
169.70	194.00	IIDM	100
194.00	199.80	SACO	100
199.80	200.45	VFRU	100
200.45	206.00	SACO	100
206.00	212.30	VFRX	100
212.30	296.20	VFRU	100

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
11.30	14.50		Chloritization	mass	MOD	CL		CARB					
28.30	29.20		Chloritization	mass	MOD	CL		CARB					
102.35	108.00		Chloritization	pat	WK	CL		EP					
154.70	155.65		Chloritization	pat	WK	CL		EP					
166.40	168.60		Chloritization	pat	WK	CL							
170.40	170.80		Chloritization	hal	MOD	CL		EP					
176.35	176.60		Chloritization	hal	MOD	CL		EP					
181.10	181.60		Sericitiziation	pat	MOD	SERI		CL					
188.70	192.30		Sericitiziation	pat	MOD	SERI		CL		EP			
192.30	194.00		Chloritization	pat	WK	CL		EP					
207.00	212.00		Carbonatization	mass	WK	CARB		CL		EP			
213.40	216.10		Chloritization	pat	STG	CL		EP					
216.70	249.30		Carbonatization	mass	MOD	CARB		CL		SERI			
249.30	253.20		Hematization	pat	STG	HEM		CARB		CL			
253.20	272.45		Carbonatization	mass	MOD	CARB		CL		EP		HEM	
272.45	279.70		Hematization	mass	STG	HEM		CL		CARB			
279.70	292.00		Carbonatization	mass	STG	CARB		CL		EP			
292.00	296.20		Carbonatization	pat	MOD	CARB		CL		HEM			

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
10.40	11.30		QZ/CARB	Irregular/deformed/segmented	WK	2	
11.80	14.50		QZ/CARB	Planar Veins	WK	2	
14.50	28.00		QZ/CARB	Irregular/deformed/segmented	MOD	1	
29.90	34.10		QZ/CARB	Irregular/deformed/segmented	WK	1	
36.70	40.20		QZ/CARB	Irregular/deformed/segmented	WK	3	
44.10	63.10		QZ/CARB	Irregular/deformed/segmented	MOD	2	
66.30	69.20		QZ/CARB	Planar Veins	WK	2	
74.00	74.50		QZ/CARB	Planar Veins	WK	2	
74.70	77.40		QZ/CARB	Irregular/deformed/segmented	WK	4	
77.40	79.00		QZ/CARB	Planar Veins	WK	2	
94.20	120.20		QZ/CARB	Planar Veins	WK	3	
123.80	125.00		QZ/CARB	Planar Veins	WK	3	
130.10	141.80		QZ/CARB	Planar Veins	WK	3	
141.80	141.90		QZ/CARB	Planar Veins	WK	3	Sphalerite
			QZ/SP	Planar Veins	MOD	9	
141.90	144.70		QZ/CARB	Planar Veins	WK	3	

144.70	145.90	QZ/CARB	Planar Veins	WK	3	Sphalerite Galena
		QZ/SP/GN	Planar Veins	MOD	7	
145.90	148.80	QZ/CARB	Planar Veins	WK	3	
150.50	152.90	QZ/CARB	Planar Veins	WK	4	
152.90	153.60	QZ/CARB	Planar Veins	WK	4	Sphalerite
		QZ/SP	Planar Veins	MOD	5	
153.60	155.60	QZ/CARB	Planar Veins	WK	4	
158.30	160.20	CARB	Planar Veins	WK	2	
160.20	161.30	QZ/CARB	Planar Veins	WK	4	
166.40	176.50	QZ/CARB	Planar Veins	WK	5	
177.90	183.30	QZ/CARB	Planar Veins	WK	2	
185.10	189.80	QZ/CARB	Planar Veins	WK	1	
191.30	194.00	QZ/CARB	Irregular/deformed/segmented	WK	5	
194.00	198.00	CARB	Irregular/deformed/segmented	WK	2	
200.90	201.40	CARB	Laminated Veins	MOD	40	
204.10	205.70	CARB	Laminated Veins	MOD	40	
209.10	209.70	QZ/CARB	Laminated Veins	MOD	32	
212.30	228.30	QZ/CARB	Planar Veins	WK	3	
		QZ/CARB	Laminated Veins	MOD	40	
229.00	234.00	QZ/CARB	Irregular/deformed/segmented	MOD	10	
238.00	243.60	QZ/CARB	Planar Veins	WK	3	
246.60	254.00	QZ/CARB	Planar Veins	WK	2	
254.00	255.00	QZ/CARB	Planar Veins	MOD	12	
264.50	269.60	QZ/CARB	Planar Veins	WK	3	
271.00	280.30	QZ/CARB	Planar Veins	MOD	2	
290.80	290.90	QZ/CARB	Planar Veins	MOD	25	
294.10	296.20	QZ/CARB	Planar Veins	MOD	5	

Structure

From	*To*	*m*	*Structure*	*Intensity*	*Comments*
7.60	8.80		fracture zone	STG	
9.10	10.20		fracture zone	STG	
10.40	11.80		fracture zone	STG	
			fault gouge / clay/ pug	MOD	
11.80	14.50		fracture zone	MOD	
14.50	28.50		fracture zone	STG	
			fault gouge / clay/ pug	MOD	
28.50	29.20		fracture zone	MOD	
29.20	41.30		fracture zone	STG	
41.50	41.80		fracture zone	STG	
45.50	46.15		fracture zone	STG	
46.80	51.10		fracture zone	STG	
			cataclastic	STG	
54.65	54.80		fault gouge / clay/ pug	STG	
57.05	65.45		fracture zone	STG	
			fault gouge / clay/ pug	MOD	
66.35	66.75		fracture zone	STG	
71.45	72.00		fracture zone	STG	
73.30	73.70		fracture zone	STG	
74.50	75.00		fracture zone	MOD	
75.90	77.40		fracture zone	STG	
			fault gouge / clay/ pug	STG	
78.40	78.70		fracture zone	STG	
143.90	144.00		fracture zone	STG	

144.80	145.00	fracture zone	STG
147.50	147.90	fracture zone	STG
151.00	151.70	fracture zone	MOD
156.30	157.10	fracture zone	STG
		fault gouge / clay/ pug	STG
160.05	160.30	fracture zone	STG
194.80	195.40	fracture zone	MOD
195.90	196.10	fracture zone	STG
197.50	200.00	fracture zone	STG
200.55	201.00	fracture zone	STG
205.90	206.40	fault gouge / clay/ pug	WK
209.40	209.60	fault gouge / clay/ pug	STG
		fracture zone	STG
222.60	222.90	fracture zone	STG
236.40	236.50	fracture zone	STG
243.25	243.70	fracture zone	STG
246.70	248.30	fracture zone	STG
254.20	254.90	fracture zone	STG
271.05	271.95	fracture zone	STG

Point Structure

Depth m	Feature	Alpha	Beta	Gamma	Young. Dir	Dipl Plunge	Dipl Plunge Dir.	Reliability	Comments
14.50	Bedding	47.0							
15.10	Foliation	42.0							
18.00	Foliation	42.0							
23.30	Foliation	41.0							
33.00	Bedding	42.0							
37.60	Bedding	30.0							
41.40	Bedding	18.0							
74.80	Foliation	32.0							
141.80	sulphide vein	75.0							Qtz-sphalerite vein
144.80	sulphide vein	70.0							Qtz-sphalerite vein
145.60	sulphide vein	64.0							Qtz-sphalerite vein
145.80	sulphide vein	66.0							Qtz-sphalerite vein
153.20	sulphide vein	60.0							Qtz-sphalerite vein
153.40	sulphide vein	71.0							
158.70	Younging - graded bedding					U			
158.80	Bedding	47.0							
159.50	Foliation	31.0							
159.70	Younging - graded bedding					U			
159.80	Bedding	25.0							
161.90	Bedding	25.0							
161.90	Younging - graded bedding					U			
169.70	Lithological contact	40.0							Diorite intrusion downcore
181.25	quartz vein	67.0							Laminated qtz vein 27mm thick
192.50	quartz vein	60.0							Laminated qtz vein 34mm thick
194.00	Lithological contact	65.0							Diorite intrusion upcore
197.30	Bedding	52.0							
201.30	Vein	55.0							Laminated vein 60mm thick
204.90	Vein	60.0							Laminated vein 33mm thick
205.40	Foliation	33.0							
205.40	Bedding	30.0							

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
14.90	24.30	2	pyrite	len	2							
77.40	84.60	1	pyrite	blb	1							
84.60	84.70	20	pyrite	ff	20							
84.70	90.30	1	pyrite	blb	1							
90.30	91.75	3	pyrite	mat	3							
91.75	94.00	8	pyrite	mat	8							
94.00	99.20	3	pyrite	mat	3							
99.20	102.35	9	pyrite	mat	9							
102.35	103.05	3	pyrite	mat	3							
103.05	107.95	12	pyrite	mat	12							
107.95	109.20	3	pyrite	mat	3							
109.20	109.60	15	pyrite	mat	15							
109.60	114.60	3	pyrite	mat	3							
114.60	115.25	10	pyrite	mat	10							
115.25	121.00	3	pyrite	mat	3							
121.00	126.10	10	pyrite	mat	10							
126.10	127.00	3	pyrite	mat	3							
127.00	127.50	15	pyrite	mat	15							
127.50	128.70	3	pyrite	mat	3							
128.70	130.20	10	pyrite	mat	10							
130.20	141.80	3	pyrite	mat	3							
141.80	141.90	5	pyrite	mat	3	sphalerite	ff	2				Sphalerite
141.90	144.70	3	pyrite	mat	3							
144.70	145.80	10	pyrite	mat	7	sphalerite	ff	2	galena	ff	1	Sphalerite Galena
145.80	147.20	5	pyrite	mat	5							
147.20	152.90	3	pyrite	mat	3							
152.90	154.00	6	pyrite	mat	3	pyrite	blb	1	sphalerite	ff	2	Sphalerite
189.30	194.00	2	pyrite	diss	2							
210.20	211.20	5	pyrite	mat	5							

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
7.60	9.00	134643	CORE_HALF	0.005	0.005	0.7	77	36.94	4.9	67.9	3.5	132.5	68	0.36	692
9.00	10.40	134644	CORE_HALF	0.004	0.004	0.6	96	40.8	10.67	78.3	8.3	118.9	204	0.7	927
10.40	11.50	134645	CORE_HALF	0.007	0.007	0.2	97	45.99	10.61	84.7	9.5	215.7	220	0.91	1165
11.50	13.00	134646	CORE_HALF	0.003	0.003	0.6	48	9.51	9.31	120.7	1.3	591.7	243	0.21	827
13.00	14.50	134647	CORE_HALF	0.003	0.003	0.3	81	12.21	8.11	104.4	2.5	256	299	0.37	737
14.50	16.00	134648	CORE_HALF	0.007	0.007	-0.2	2081	88.44	14.29	1185.7	29.7	92.8	545	7.64	412
16.00	18.00	134649	CORE_HALF	0.007	0.007	0.2	1848	100.78	15.34	2063.4	42.1	69.5	1162	10.96	384
18.00	20.00	134650	CORE_HALF	0.006	0.006	0.3	2536	107.56	13.05	2160.7	45.3	55.7	1533	14	518
20.00	22.00	134651	CORE_HALF	0.004	0.004	-0.2	2523	95.31	12.2	1741.9	42.5	55.1	1451	12.1	564
22.00	24.40	134652	CORE_HALF	0.0002		0.2	1793	95.8	14.37	1820	41.6	63.2	1363	11.76	440
24.40	26.70	134653	CORE_HALF	0.0002		0.2	1865	65.23	8.69	786.4	22.4	94.6	812	5.39	1010
26.70	28.50	134654	CORE_HALF	0.0002		0.2	1660	67.73	9.98	785	30.6	59.2	797	5.36	502
28.50	29.20	134655	CORE_HALF	0.0008		0.8	98	78.02	2.9	66.7	6	111.6	217	1.59	1209
29.20	31.20	134656	CORE_HALF	0.0003		0.3	2656	78.6	12.67	921.7	38.7	53.1	1332	6.58	610
31.20	33.50	134657	CORE_HALF	0.0004		0.4	2511	76	8.83	471.3	30.4	51.9	1123	5.27	758

33.50	35.40	134658	CORE_HALF	0.0003	0.3	1409	55.92	8.91	829	23.6	144.7	907	4.73	1543
35.40	37.60	134659	CORE_HALF	0.0004	0.4	2402	73.47	12.29	386.9	26.9	85.7	1116	4.76	405
37.60	39.20	134660	CORE_HALF	0.0004	0.4	3082	110.94	12.91	1651.3	40	33.3	1527	8.95	278
39.20	41.50	134661	CORE_HALF	0.0005	0.5	2996	99.1	11.2	1366.9	27.1	52.2	1323	6.69	390
41.50	43.30	134662	CORE_HALF	0.0003	0.3	4067	104.63	11.69	916.1	35.6	47.8	1429	8.15	454
43.30	45.60	134663	CORE_HALF	0.0003	0.3	2799	115.18	13.79	1832.4	36.6	60.4	1520	9.68	314
45.60	47.10	134664	CORE_HALF	0.0004	0.4	2108	89.13	13.41	1616.3	52.4	62	1030	10.9	340
47.10	48.00	134665	CORE_HALF	0.0002	0.2	218	13.32	8.99	187.8	19.6	116.7	466	1.85	167
48.00	49.20	134666	CORE_HALF	-0.0002	-0.2	406	46.2	10.48	206.9	26.5	81.5	541	8.62	773
49.20	51.10	134667	CORE_HALF	0.0002	0.2	202	27.83	10.51	171.3	16.6	113.6	333	3.21	471
51.10	53.00	134668	CORE_HALF	0.0003	0.3	561	44.24	11.85	174.2	31.7	53.6	600	3.2	539
53.00	55.00	134669	CORE_HALF	0.0009	0.9	558	50.06	18.22	157	35.8	71.1	534	4.06	541
55.00	57.00	134670	CORE_HALF	0.0004	0.4	551	51.46	18.75	173.2	55.2	67.1	645	9.98	614
57.00	59.00	134671	CORE_HALF	-0.0002	-0.2	448	49.22	15.68	210.3	50.2	39.7	553	12.88	644
59.00	60.70	134672	CORE_HALF	0.0043	4.3	3652	35.85	18.82	190.3	97.9	62.6	480	16.45	284
60.70	63.10	134673	CORE_HALF	0.0002	0.2	682	31.92	20.32	113.7	38.4	65	308	10.73	500
63.10	64.00	134674	CORE_HALF	-0.0002	-0.2	230	6.1	13.94	37.9	40.2	176.7	164	2.47	131
64.00	65.50	134675	CORE_HALF	-0.0002	-0.2	487	7.86	11.51	15.4	81.6	135.9	175	1.69	81
65.50	67.00	134676	CORE_HALF	0.0002	0.2	202	6.17	11.7	11.3	60.8	136.6	301	1.69	70
67.00	69.00	134677	CORE_HALF	0.0005	0.5	297	6.89	11.05	21.6	27.3	103.6	335	1.49	73
69.00	71.00	134678	CORE_HALF	0.0006	0.6	259	7.07	11.16	14.9	25.1	134	414	2.14	71
		134679	CORE_HALF	0.0007	0.7	295	8.02	11.79	14.1	26.6	161.7	430	2.31	97
71.00	73.00	134680	CORE_HALF	0.0012	1.2	400	10.6	16.24	44.6	60.1	80.5	280	4.61	112
73.00	75.00	134681	CORE_HALF	0.0005	0.5	486	14.92	14.93	96.1	23.7	118.1	140	3.69	279
75.00	76.20	134682	CORE_HALF	0.0004	0.4	1071	19.92	10.89	100	28.6	62.7	199	6.23	321
76.20	77.40	134683	CORE_HALF	-0.0002	-0.2	2256	20.08	11.22	95.2	34.1	95.6	226	6.35	945
77.40	79.00	134684	CORE_HALF	0.0359	35.9	3170	11.7	14.61	23.2	150.1	58.2	915	19.63	72
79.00	81.00	134685	CORE_HALF	0.0486	48.6	4115	14.37	18.11	28.2	164	62.6	966	27.61	75
81.00	83.00	134686	CORE_HALF	0.0772	77.2	4978	14.77	18.28	27.1	203.1	51.7	1088	30.88	46
83.00	85.00	134687	CORE_HALF	0.277	277	12307	27.71	33.17	111.9	331.1	51.5	2416	62.06	34
85.00	87.00	134688	CORE_HALF	0.0685	68.5	6116	14.3	16.82	34.5	203.1	87.4	1048	32.74	29
87.00	89.00	134689	CORE_HALF	0.0929	92.9	6034	16.96	19.55	18.2	254.2	56.6	1374	39.05	73
89.00	90.00	134690	CORE_HALF	0.1194	119.4	7974	16.72	19.17	13	276.9	57.5	1891	44.41	25
90.00	91.00	134691	CORE_HALF	0.4551	455.1	21390	23.33	33.82	11.4	816	40	7277	88.48	34
91.00	92.00	134692	CORE_HALF	0.455	455	26234	25.12	36.42	26.3	1101	23.8	4954	91.43	24
92.00	94.00	134693	CORE_HALF	0.2033	203.3	35550	27.89	29.22	16.5	1740.6	15.5	1772	73.34	24
94.00	96.00	134694	CORE_HALF	0.0988	98.8	11841	14.42	16.09	17.8	473.9	60.5	1107	38.41	32
96.00	98.00	134695	CORE_HALF	0.2492	249.2	22552	23.14	33.36	22.4	953.1	21.4	3917	74.44	38
98.00	99.20	134696	CORE_HALF	0.2351	235.1	22507	30.76	30.76	84	481.8	53.6	2502	66.86	39
99.20	100.00	134697	CORE_HALF	0.92	0.92	565.9	43999	37.22	52.39	102.3	1739.1	20.6	7564	105.12	39
100.00	101.00	134699	CORE_HALF	0.1937	193.7	33143	26.8	32.82	32.7	1748.2	15.4	2084	50.57	39
		134698	CORE_HALF	0.3273	327.3	37958	30.2	37.52	95.7	1878.3	16.7	3445	69.37	30
101.00	102.35	134700	CORE_HALF	0.2122	212.2	43533	30.64	36.14	56.3	2405.3	9	2195	63.5	28

102.35	103.00	134701	CORE_HALF	0.0659	65.9	18901	16.47	19	26.9	831.2	38.8	1543	30.3	36
103.00	104.00	134702	CORE_HALF	0.3335	333.5	45276	38.62	47.4	22	2073.5	10.7	7012	84.26	29
104.00	105.00	134703	CORE_HALF	0.43	430	50903	41.15	36.7	78	2065.7	10.3	2318	80.77	26
105.00	106.00	134704	CORE_HALF	0.2741	274.1	52753	37.38	39.48	41.2	2805.2	7.4	2468	87.78	41
106.00	107.00	134705	CORE_HALF	0.2902	290.2	26896	24.38	27.1	35.4	1129.8	25.3	1172	47.53	24
107.00	108.00	134706	CORE_HALF	0.4514	451.4	41110	33.25	54.78	18.3	1885	10.9	5946	91.2	35
108.00	110.00	134707	CORE_HALF	0.2722	272.2	29006	23.45	33.07	27.5	1325.8	16	3948	63.16	26
110.00	112.00	134708	CORE_HALF	0.4189	418.9	44323	29.96	49.86	25.6	2077.8	8.7	5688	99.1	26
112.00	113.40	134709	CORE_HALF	0.2457	245.7	29013	22.02	36.9	16.9	1089.2	17.1	5243	70.64	20
113.40	114.60	134710	CORE_HALF	0.1	100	10488	13.32	17.85	25.5	366.6	42.5	1056	24.15	28
114.60	115.25	134711	CORE_HALF	2.12	2.121986.1	99999	59.4	145.1	187.8	3193.5	7.9	60475	199.24	59
115.25	117.00	134712	CORE_HALF	0.2373	237.3	15409	17.02	28.76	37.9	525.5	64.1	9341	31.56	31
117.00	119.00	134713	CORE_HALF	0.4174	417.4	20789	18.06	41.76	88.3	868.5	30.7	5606	64.64	20
119.00	121.00	134714	CORE_HALF	0.2343	234.3	12077	15.74	28.04	147.1	603.4	32	2766	30.48	31
121.00	122.00	134715	CORE_HALF	0.351	351	48601	19.79	47.14	177.1	2448.2	7.1	7752	103.4	30
122.00	123.00	134716	CORE_HALF	0.86	0.86 673.9	33929	20.6	49.8	232.7	2299.5	7.7	4441	81.66	31
123.00	124.00	134717	CORE_HALF	0.95	0.95 658.5	38607	22.74	50.51	216.1	2438.8	8.2	3210	91.1	59
124.00	125.00	134718	CORE_HALF	0.63	0.63 540.8	29418	19.66	43.13	154.3	1390.3	14.2	1799	57.27	141
125.00	126.10	134719	CORE_HALF	0.52	0.52 492.2	24975	17.66	43.29	144.8	1114.4	27.5	2467	68.24	37
126.10	127.00	134720	CORE_HALF	0.57	0.57 537.6	26318	19.53	54.25	123.3	1032.1	17.8	3071	74.98	62
127.00	128.00	134721	CORE_HALF	0.56	0.56 499.3	21854	24.49	49.63	78.3	908.9	22.4	6397	83.93	98
128.00	129.00	134722	CORE_HALF	0.3461	346.1	21356	20.34	41.8	169.5	903.2	17.4	2911	75.43	77
129.00	130.20	134723	CORE_HALF	0.75	0.75 630.7	57590	36.08	77.12	201.8	1979.3	6.2	8056	175.65	48
130.20	132.00	134724	CORE_HALF	0.4672	467.2	35576	30.78	56.42	140.5	1158.4	10.7	4260	93.04	45
132.00	134.00	134725	CORE_HALF	0.7	0.7 614.2	41793	32.74	71.65	76.8	1462.4	8.3	8084	117.84	21
		134726	CORE_HALF	0.53	0.53 676.4	46505	34.36	77.5	81.1	1620.2	6.8	9893	134.98	15
134.00	136.00	134727	CORE_HALF	0.64	0.64 546.4	31945	26.31	61.65	114.6	1207.5	14.3	7272	100.33	33
136.00	138.00	134728	CORE_HALF	0.3598	359.8	11062	17.57	35.01	197.4	473.6	38.7	1851	33.11	24
138.00	140.00	134729	CORE_HALF	0.51	0.51 521.7	28104	22.06	59.1	26.9	1187.8	13.2	7155	89.5	21
140.00	141.50	134730	CORE_HALF	0.2558	255.8	11514	20.13	33.77	11.9	517.5	25.4	1855	36.44	25
141.50	143.00	134731	CORE_HALF	0.2634	263.4	8016	8.43	26.69	41.5	415.1	73.4	1071	33.3	42
143.00	144.70	134732	CORE_HALF	0.2944	294.4	13916	9.69	84.26	32.3	773.9	22	2144	51.41	16
144.70	146.00	134733	CORE_HALF	0.66	0.66 556.9	17855	14.59	146.54	3815.5	894.3	11.4	3892	52.95	54
146.00	147.00	134734	CORE_HALF	0.64	0.64 594.7	19067	14.32	148.73	144	875.9	18.7	2435	62.36	64
147.00	149.00	134735	CORE_HALF	0.3603	360.3	10686	10.57	58.08	86.8	751.2	25.9	1577	31.59	49
149.00	151.00	134736	CORE_HALF	0.2766	276.6	7545	10.62	32.86	25	671.9	19	1133	16.26	32
151.00	152.50	134737	CORE_HALF	0.279	279	7170	9.7	26.7	9.3	470.9	25.8	1058	13.44	101
152.50	154.00	134738	CORE_HALF	0.2501	250.1	12228	12.77	143.9	802.5	932.9	12.5	2047	22.11	96
154.00	156.00	134739	CORE_HALF	0.0026	2.6	661	4.88	33.08	88.6	132.5	130.3	138	1.87	356
156.00	158.00	134740	CORE_HALF	-0.0002	-0.2	362	29.84	14.6	108.7	42.2	56.6	145	6.23	891
158.00	160.00	134741	CORE_HALF	0.0002	0.2	186	34.43	13.28	86.4	34	68.9	87	4.68	583
160.00	162.00	134742	CORE_HALF	0.0007	0.7	408	44.57	14.64	131.9	32.4	81.4	56	2.11	685
162.00	164.00	134743	CORE_HALF	0.0047	4.7	612	29.05	7.58	124.4	50.7	200.9	44	1.61	2175

164.00	166.00	134744	CORE_HALF	0.0022	2.2	713	33.45	5.49	56.7	78.1	128.4	67	2.88	1775
166.00	168.00	134745	CORE_HALF	0.0009	0.9	724	30.46	3.74	54.4	66.7	189.3	50	2.72	1289
168.00	169.70	134746	CORE_HALF	0.0134	13.4	4699	30.15	14.59	74.1	660.3	92.1	113	8.65	2877
169.70	171.00	134747	CORE_HALF	0.0596	59.6	17453	40.32	65.97	382.4	1231.8	59.2	344	19.38	1694
171.00	173.00	134748	CORE_HALF	0.0007	0.7	125	22.22	1.34	55.7	14.6	69.3	50	0.65	1170
173.00	175.00	134749	CORE_HALF	0.002	2	257	27.54	2.5	55.2	31.5	79.4	25	0.99	1408
		134750	CORE_HALF	0.0028	2.8	362	23.62	3.73	52.2	41.4	63.2	45	1.79	1411
175.00	177.00	134751	CORE_HALF	-0.0002	-0.2	85	22.53	1.34	52.9	12.7	97.9	13	0.71	1289
177.00	179.00	134752	CORE_HALF	0.0006	0.6	33	39.48	1.26	57.2	3.8	83.5	20	0.93	1155
179.00	181.00	134753	CORE_HALF	-0.0002	-0.2	183	32.83	1.88	59.3	26.8	159.7	26	1.16	1410
181.00	183.00	134754	CORE_HALF	0.0153	15.3	802	32.86	8.15	65.7	276.7	97.6	40	3.01	2037
183.00	185.00	134755	CORE_HALF	0.0003	0.3	94	31.09	1.97	51.6	21.7	108	15	0.78	1357
185.00	187.00	134756	CORE_HALF	-0.0002	-0.2	54	35.46	1.84	55	5.7	134.6	5	0.53	1365
187.00	189.00	134757	CORE_HALF	0.0005	0.5	188	33.81	1.59	56.2	42.5	141.9	41	1.31	1379
189.00	191.00	134758	CORE_HALF	0.0049	4.9	1660	26.67	7.13	56.4	497.2	38.8	142	7.31	2575
191.00	192.00	134759	CORE_HALF	0.005	5	1621	28.92	6.75	53.8	902.1	44.7	136	7.55	2560
192.00	193.00	134760	CORE_HALF	0.0035	3.5	1250	29.04	5.59	52.8	753.5	59.2	149	6.66	3063
193.00	194.00	134761	CORE_HALF	0.0042	4.2	1472	28.33	6.57	49.1	646.1	64.5	264	4.81	3967
194.00	195.00	134762	CORE_HALF	-0.0002	-0.2	1033	37	26.63	142.7	79.8	66	428	6.98	1065
195.00	197.00	134763	CORE_HALF	-0.0002	-0.2	462	29.09	19.64	139.2	81.9	45.7	481	9.79	1104
197.00	198.40	134764	CORE_HALF	0.0003	0.3	164	30.21	10.52	145.1	59.2	39.5	536	7.65	1045
198.40	199.80	134765	CORE_HALF	-0.0002	-0.2	206	31.5	9.17	156.9	62.6	53	595	7.71	936
199.80	200.40	134766	CORE_HALF	0.0006	0.6	915	21.76	12.92	63.4	169	21.7	276	5.37	509
200.40	202.00	134767	CORE_HALF	0.0005	0.5	418	35.92	10.73	136.3	68.4	43.3	646	9.01	976
202.00	204.00	134768	CORE_HALF	0.0007	0.7	194	44.9	10.16	179.2	80.5	50.5	910	11.22	827
204.00	206.00	134769	CORE_HALF	0.0003	0.3	757	37.55	12.92	149.3	62.7	71.7	521	8.7	657
206.00	208.00	134770	CORE_HALF	0.0037	3.7	1307	28.28	13.23	92.4	86.3	87	169	5.31	594
208.00	210.00	134771	CORE_HALF	0.0039	3.9	1415	24.18	17.76	106.3	215.4	60.7	269	5.9	869
210.00	212.00	134773	CORE_HALF	0.0039	3.9	2139	28.55	21.83	103.7	156.5	53.1	376	6.41	280
		134772	CORE_HALF	0.006	6	2066	27.54	22.68	125.1	163.5	52.1	407	6.17	314
212.00	214.00	134774	CORE_HALF	0.0041	4.1	866	21.56	12.34	63.2	339.3	59.3	189	6.53	665
214.00	216.00	134775	CORE_HALF	0.0015	1.5	62	21.77	8.92	46.2	17.6	57.1	59	2.23	989
216.00	218.00	134776	CORE_HALF	0.0014	1.4	48	32.05	4.69	52.2	8.7	61.8	72	0.94	832
218.00	220.00	134777	CORE_HALF	-0.0002	-0.2	26	37.74	3.05	53.7	5.3	56.2	9	0.43	1164
220.00	222.00	134778	CORE_HALF	0.001	1	48	62.49	5.39	66.4	7.2	56.7	20	0.85	1138
222.00	224.00	134779	CORE_HALF	0.0014	1.4	24	41.82	3.05	65	0.9	141.9	5	0.18	1060
224.00	226.00	134780	CORE_HALF	0.0015	1.5	25	36.42	2.91	70.5	-0.1	111.8	-5	0.11	899
226.00	228.00	134781	CORE_HALF	-0.0002	-0.2	22	33.03	3.73	66	0.2	93.1	8	0.15	999
228.00	230.00	134782	CORE_HALF	0.0012	1.2	30	34.54	3.33	61	1.1	311.6	-5	0.2	896
230.00	232.00	134783	CORE_HALF	0.0009	0.9	46	35.65	4.35	112.9	3	78.5	14	2.58	973
232.00	234.00	134784	CORE_HALF	0.001	1	22	30.05	2.49	49.4	6.8	91.6	22	0.39	1006
234.00	236.00	134785	CORE_HALF	-0.0002	-0.2	27	37.87	4.98	47	2.5	84.5	29	0.7	1199
236.00	238.00	134786	CORE_HALF	0.0012	1.2	22	30.17	3.2	59.2	0.5	495.9	7	0.16	1049

238.00	240.00	134787	CORE_HALF	0.0009	0.9	22	30.42	2.23	53.8	-0.1	379.6	6	0.1	824
240.00	242.00	134788	CORE_HALF	0.0015	1.5	22	31.04	3.73	55.4	0.1	190.6	8	0.1	854
242.00	244.00	134789	CORE_HALF	0.0011	1.1	48	32.03	5.63	56.1	0.2	83.7	10	0.13	1098
244.00	246.00	134790	CORE_HALF	0.0019	1.9	36	25.41	5.27	59.2	-0.1	84.9	7	0.11	902
246.00	247.40	134791	CORE_HALF	0.0007	0.7	41	23.73	7.07	69.4	0.2	606.3	-5	0.1	885
247.40	249.00	134792	CORE_HALF	0.0018	1.8	44	18.36	7	52.3	-0.1	1463.6	-5	0.13	1102
249.00	251.00	134793	CORE_HALF	0.0013	1.3	39	16.78	5.4	44.5	0.3	608.2	7	0.05	1374
251.00	253.00	134794	CORE_HALF	0.002	2	35	17.12	3.36	41.3	-0.1	600.3	14	0.1	1001
253.00	255.00	134795	CORE_HALF	0.0008	0.8	120	15.72	2.71	37.5	2.5	820.9	7	0.15	951
255.00	257.00	134796	CORE_HALF	0.0013	1.3	25	16.77	3.11	56.4	1.5	402.1	15	0.16	802
257.00	259.00	134797	CORE_HALF	0.0009	0.9	14	25.67	3.91	47.3	-0.1	292.9	-5	0.14	965
259.00	261.00	134798	CORE_HALF	0.0013	1.3	69	30.87	13.35	48.9	0.3	81.6	14	0.15	944
		134799	CORE_HALF	0.002	2	73	26.22	13.46	51.6	0.5	62.5	6	0.15	1019
261.00	263.00	134800	CORE_HALF	0.002	2	38	21.11	6.92	51.6	-0.1	810.6	7	0.15	690
263.00	265.00	134801	CORE_HALF	0.0011	1.1	25	15.36	4.95	55.3	-0.1	257	9	0.07	948
265.00	267.00	134802	CORE_HALF	0.0022	2.2	51	28.89	7.89	50.8	-0.1	649.6	19	0.09	1312
267.00	269.00	134803	CORE_HALF	0.0019	1.9	43	27.16	4.32	54.6	0.1	129.7	9	0.21	1239
269.00	271.00	134804	CORE_HALF	0.001	1	23	19.35	3.95	61.4	-0.1	293.3	6	0.09	935
271.00	273.00	134805	CORE_HALF	0.0011	1.1	31	27.14	2.61	54.5	-0.1	820.9	6	0.06	929
273.00	275.00	134806	CORE_HALF	0.0012	1.2	52	19.19	3.19	55.3	-0.1	697.4	-5	0.15	853
275.00	277.00	134807	CORE_HALF	-0.0002	-0.2	59	16.36	3.41	63.1	-0.1	177.2	7	0.11	646
277.00	279.00	134808	CORE_HALF	0.0005	0.5	43	17.04	3	67.9	-0.1	391.3	6	0.09	918
279.00	281.00	134809	CORE_HALF	0.0002	0.2	34	24.18	2.6	66.1	-0.1	411.4	6	0.06	887
281.00	283.00	134810	CORE_HALF	0.0005	0.5	33	24.91	2.85	65.3	0.1	796.2	14	0.06	986
283.00	285.00	134811	CORE_HALF	0.0002	0.2	50	25.09	6.32	55.6	0.2	641.3	15	0.06	1246
285.00	287.00	134812	CORE_HALF	0.0012	1.2	52	27.83	4.37	58.3	0.1	123.5	14	0.07	868
287.00	289.00	134813	CORE_HALF	0.0009	0.9	63	28.25	6.77	57.3	1.8	155.7	21	0.18	1013
289.00	291.00	134814	CORE_HALF	0.0017	1.7	61	35.92	11.6	63.7	3.7	354.5	31	0.32	719
291.00	293.00	134815	CORE_HALF	0.0004	0.4	31	40.05	2.68	50.4	2	71.3	6	0.27	968
293.00	295.00	134816	CORE_HALF	0.0004	0.4	18	44.51	1.08	51.7	0.9	39.5	6	0.11	977
295.00	296.20	134817	CORE_HALF	-0.0002	-0.2	17	47.25	1.15	47.2	0.8	38	11	0.13	1298

HERITAGE EXPLORATIONS
DRILL HOLE LOG

BZ03_09

Geoinformatics Exploration Pty Ltd

Header

Hole ID	BZ03_09	*Hole type*	Diamond drill	*Size*	BTW	*Date commenced*	3/10/2003
DataSet	BONSAI	*Depth*	284.10 m			*Date completed*	6/10/2033
Location	Bonsai Prospect	*Geologist*	Gerry Bidwell			*Drilling company*	FALCON DRILLING
Tenement	307393	*Notes*					

Collar Location

Field survey GPS located

	Grid ID	East	North	RL	Grid unit
Local Grid	UTM_NAD83	404890.00	6276493.00	977.00	m
UTM Grid	NAD83_9	404894.28	6276481.68	978.27	

Survey

At		Azimuth	AzimuthID	UTM Azi.	Dip	Method	Comments
0.00	m	246.5	Magnetic	270.0	-55.0	Compass	
92.05	m	250.0	Magnetic	273.5	-64.0	Camera	
274.93	m	253.0	Magnetic	276.5	-64.0	Camera	

Lithology

Logged by: Gerry Bidwell

From	To m	Grain Size	Lithology	Major Texture	Minor Texture	Lithology %	Comments
0.00	7.60		CASE			100	
7.60	14.20		SWOO			100	brecciated, fragments up to 4 cm, commonly .5-2 cm, grey to black, fault contact below
14.20	21.20		YIOO			90	fragments up to 2 cm, commonly 0.5, some flow banding, light grey-green, brecciated greywacke
			SWOO			10	
21.20	25.70		SACO			100	black, massive, no primary bedding, faint indications of very shallow angle to core axis, heavily brecciated in sections
25.70	29.70		YIAO			100	top contact along core axis, dominantly fragmental, some flow material, healed fault alongupper contact, primary breccia fragments 0.5-1.5 cm
29.70	50.00		VMOO			100	slightly brecciated, grey-green, bottom of unit large fragments up to 10 cm
50.00	53.80		SACO			50	primary fragmental in both volcanics and mudstones
			VMOO			50	
53.80	56.90	F	VMOO			100	grey-green, fine grained
56.90	57.80		SWOO			50	primary contacts upper and lower, contact core angle = 60, fragments up to 4 cm
			SACO			50	
57.80	76.00		YIOO			80	minor mudstone interbeds, minor coarse grained fragments (intrusive diorite) fragments from few mm to 20 cm, heterolithic (90%), flow banding in places
			VMOO			20	
76.00	83.20		YFRR			100	some tuffaceous layering, fragments up to 20 cm
83.20	86.30		VMOO			100	30% brecciated

86.30	105.30		YFRR	100	grey-green to light green, generally massive
105.30	133.80		YIOO	50	silicified from 127.8 to 133.8
			VMOO	50	
133.80	138.20		SACO	100	graphitic, crenulated, 20% quartz veins, contorted, sheared
138.20	140.00		VMOO	100	brecciated
140.00	141.10		IIOO	100	fine grained, light green, chilled margin
141.10	141.30		SACO	100	graphitic, crenulated, 20% quartz veins, contorted, sheared
141.30	162.50		YFRR	100	141.3 - 144.2 dark grey matrix, 144.2 - 147.6 light green matrix, 147.6 - 149.8 grey matrix, 149.8 - 151.8 dark matrix, 151.8 - 154.7 light green matrix, 154.7 - 162.5 grey to light green matrix
162.50	164.00		SAOO	100	black matrix breccia
164.00	170.10		YFRR	100	breccia
170.10	189.60		SWFO	100	grey breccia
189.60	209.70	F	SAOO	100	black, massive, fine grained
209.70	209.90		YFRR	100	breccia
209.90	216.00		SAOO	100	black
216.00	218.20		YFRR	100	breccia
218.20	221.70		SAOO	100	black
221.70	224.50		YFRR	100	breccia
224.50	237.70		SAOO	100	black
237.70	240.40		SWOO	50	breccia
			YFRR	50	
240.40	246.20		YFRR	100	
246.20	252.90		SACO	100	
252.90	253.90		SIOO	100	
253.90	260.60		SACO	50	
			SAOO	50	
260.60	261.40		VFDO	100	
261.40	272.50		IIDU	100	chilled border phase
272.50	284.10		VFDO	100	breccia

Alteration

From	To	m	Alteration type	Style	Int.	Alt Min 1	Int.	Alt Min 2	Int.	Alt Min 3	Int.	Acc. minerals	Comments
14.00	14.50		Sulphidic	ff	WK	PY							
18.20	18.40		Silicic/Silicification	pv	MOD	QZ							
18.40	19.00		Sulphidic	diss	WK	PY							
28.80	29.10		Sulphidic	diss	WK	PY							
30.40	30.90		Sulphidic	diss	WK	PY							
30.90	61.00		Chloritization	pv	MOD	CL							
61.00	76.00		Carbonatization	pv	MOD	CARB							
79.30	83.00		Chloritization	pv	MOD	CL							
83.00	88.00		Carbonatization	pv	MOD	CARB							
88.00	98.00		Chloritization	pv	MOD	CL	MOD						
98.00	114.50		Carbonatization	pv	MOD	CARB							
132.10	162.50		Phyllic	pv	STG	SERI							
245.40	246.00		Phyllic	pv	MOD	SERI							
260.60	261.40		Chloritization	pv	WK	CL							
278.40	284.00		Chloritization	pv	WK	CL							

Veining

From	To	m	Vein type	Style	Int.	Av. thick (mm)	Comments
7.60	11.50		CARB/QZ	Fracture Veins	MOD	5	
11.50	14.20		CARB/QZ	Fracture Veins	WK	2	
14.20	21.20		CARB/QZ	Fracture Veins	WK	2	
21.20	25.70		CARB/QZ	Fracture Veins	MOD	2	
25.70	29.70		CARB/QZ	Fracture Veins	MOD	5	
29.70	56.50		CARB/QZ	Fracture Veins	WK	5	
56.50	62.80		CARB/QZ	Fracture Veins	WK	1	
62.80	68.20		CARB/QZ	Planar Veins	MOD	5	
68.20	100.80		CARB/QZ	Fracture Veins	WK	2	
100.80	121.90		CARB/QZ	Fracture Veins	MOD	5	
123.50	123.80		CARB/QZ	Fracture Veins	WK	5	
131.40	132.60		CARB/QZ	Fracture Veins	MOD	5	
133.80	138.20		CARB/QZ	Massive Veins	STG	5	
141.80	144.20		CARB/QZ	Fracture Veins	UNK	5	
144.20	158.00		CARB/QZ	Fracture Veins	WK	5	
166.30	167.00		CARB/QZ	Fracture Veins	WK	5	
167.00	168.00		CARB/QZ	Fracture Veins	WK	2	
170.20	170.40		CARB/QZ	Planar Veins	MOD	10	
174.70	175.20		CARB/QZ	Planar Veins	MOD	2	
186.20	189.60		CARB/QZ	Fracture Veins	MOD	2	
201.60	203.00		CARB/QZ	Planar Veins	WK	2	
204.00	206.60		CARB/QZ	Fracture Veins	MOD	5	
206.90	207.50		CARB/QZ	Fracture Veins	MOD	2	
208.30	208.80		CARB/QZ	Fracture Veins	MOD	5	
211.00	212.50		CARB/QZ	Fracture Veins	WK	2	
214.80	216.00		CARB/QZ	Planar Veins	MOD	5	
219.00	219.30		CARB/QZ	Planar Veins	STG	5	
243.60	244.50		CARB/QZ	Planar Veins	INT	5	
245.80	246.70		CARB/QZ	Planar Veins	INT	10	
247.30	248.70		CARB/QZ	Fracture Veins	INT	5	
249.30	250.00		CARB/QZ	Fracture Veins	MOD	5	
257.70	258.30		CARB/QZ	Fracture Veins	MOD	5	
261.60	261.70		CARB/QZ	Massive Veins	INT	10	
283.30	283.40		CARB/QZ	Fracture Veins	INT	10	

Structure

From	To	m	Structure	Intensity	Comments
7.60	11.00		shear/ shear zone	MOD	
14.00	14.50		shear/ shear zone	WK	
16.30	18.90		fracture	MOD	random core angles
21.20	22.40		shear/ shear zone	INT	
30.70	31.00		fault	MOD	
36.90	37.80		fracture	MOD	core angles 0-20
41.50	43.30		fracture	MOD	core angles10-30
57.00	58.00		fracture	MOD	
71.00	72.00		bedding / bedded	MOD	
82.50	83.50		fracture	MOD	
94.50	95.00		fracture	MOD	
95.80	96.20		fracture	MOD	
105.00	106.00		fracture	MOD	

109.50	110.00	fracture	INT	core angles 0-20
113.40	113.60	fracture	MOD	
117.90	118.20	fracture	MOD	
120.60	122.00	fracture	MOD	core angles 0-20
122.00	122.70	fracture	MOD	core angles 0-10
125.20	126.70	fracture	MOD	core angles 0-30
130.30	131.00	fracture	MOD	
131.60	132.50	fracture	MOD	core angles 0-40
133.30	133.40	shear/ shear zone	MOD	
133.80	134.00	fault	INT	
134.00	134.60	shear/ shear zone	MOD	
135.60	135.80	fault	INT	
137.40	138.20	fault	INT	
138.20	140.00	fracture	INT	
141.30	141.60	fault	INT	
141.60	143.00	fracture	MOD	core angles 0-60
144.20	144.40	shear/ shear zone	MOD	
149.60	149.80	fracture	MOD	core angles 0-45
152.10	152.40	fracture	MOD	core angles 0-40
154.70	154.80	fault	INT	
156.00	156.40	fracture	MOD	core angles 0-45
159.10	159.80	shear/ shear zone	INT	
163.70	164.00	fracture	MOD	
164.80	165.10	fracture	MOD	core angles 0-30
167.50	167.90	fracture	INT	core angles 0-20
171.00	171.30	fracture	INT	core angles 0-60
172.30	172.70	fracture	MOD	
179.80	180.40	fault	MOD	
187.90	188.00	shear/ shear zone	MOD	core angles 40-70
190.30	190.70	fracture	MOD	
194.50	194.80	fracture	MOD	core angles 0-90
196.30	196.80	fracture	MOD	
210.10	210.40	fault	MOD	
211.60	211.80	fault	MOD	
213.80	213.90	bedding / bedded	MOD	
214.50	214.60	bedding / bedded	MOD	
215.50	216.00	fault	MOD	
218.60	219.20	fracture	MOD	
224.60	224.80	fault	MOD	
226.20	226.60	bedding / bedded	MOD	
230.20	231.00	bedding / bedded	MOD	
236.40	236.60	bedding / bedded	MOD	
237.10	237.30	fault	STG	
238.80	239.00	shear/ shear zone	STG	
240.10	240.30	bedding / bedded	STG	
246.20	246.30	shear/ shear zone	MOD	
247.20	250.50	fracture	MOD	core angles 0-30
250.50	251.00	fault	WK	
252.90	253.80	bedding / bedded	STG	core angles 20-25
254.40	254.90	shear/ shear zone	MOD	
255.90	256.10	bedding / bedded	MOD	
256.60	257.30	bedding / bedded	STG	graded bedding-fining up hole
257.80	258.30	shear/ shear zone	STG	
261.50	261.80	shear/ shear zone	STG	

279.30	279.50	fracture	MOD
283.10	283.40	fracture	MOD

Mineralisation

From	To m	Tot. Sulph.	Mineral 1	Style	%	Mineral 2	Style	%	Mineral 3	Style	%	Comments
14.00	14.50	2	pyrite	ff	2							
14.80	15.60	2	pyrite	ff	2							
16.20	19.00	2	pyrite	ff	2							
22.60	25.70	3	pyrite	blb	3							
36.80	37.80	2	pyrite	ff	2							
41.30	43.30	2	pyrite	ff	2							
56.90	57.80	1	pyrite	diss	1							
57.80	76.00	0.5	pyrite	diss	0.5							
76.00	105.30	1	pyrite	diss	1							
133.80	138.30	1.5	pyrite	diss	1.5							
189.60	212.50	0.5	pyrite	diss	0.5							
212.50	216.00	1.5	pyrite	vsel	1.5							
216.00	217.20	2	pyrite	fil	2							
217.20	217.70	20	pyrite	fil	20							
217.70	218.20	8	pyrite	fil	8							
218.20	221.30	1	pyrite	vsel	1							
221.30	222.80	5	pyrite	fil	5							
222.80	223.30	10	pyrite	fil	10							
223.30	224.60	3	pyrite	fil	3							
224.60	237.10	1	pyrite	vsel	1							
237.10	242.40	1.5	pyrite	blb	1.5							
242.40	245.40	3	pyrite	fil	3							
251.00	252.30	3	pyrite	bd	3							
252.60	256.20	2	pyrite	bd	2							
257.40	257.70	5	pyrite	rep	5							
257.70	260.60	1	pyrite	diss	1							

Samples

From	To m	Sample ID	Sample type	Plot Au_ppm	Au FA gt	Au ppb	Ag ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Hg ppb	Sb ppm	Mn ppm
7.60	10.00	134818	CORE_HALF	0.0003		0.3	534	40.83	13.19	93.3	32.4	64.2	148	3.01	755
10.00	12.00	134819	CORE_HALF	0.0008		0.8	90	49.18	6.64	79.9	26.1	159.5	50	0.74	1195
12.00	14.20	134820	CORE_HALF	0.0004		0.4	63	75.69	11.6	82.2	19.2	154.9	50	0.42	1352
14.20	16.00	134821	CORE_HALF	0.0119		11.9	61	46.11	5.45	50.6	10.3	155.9	47	0.49	804
16.00	18.00	134822	CORE_HALF	0.0054		5.4	64	44.02	5.2	42.7	10.5	193.5	40	0.53	497
18.00	20.00	134823	CORE_HALF	0.0008		0.8	51	56.87	6.63	67.3	10.3	97.6	52	0.44	1011
20.00	21.20	134824	CORE_HALF	0.0014		1.4	34	44.72	9.85	82.1	14.7	798.9	108	0.65	1117
21.20	22.70	134825	CORE_HALF	-0.0002		-0.2	973	61.53	17.51	731.3	35.4	43.5	437	4.96	486
22.70	24.20	134826	CORE_HALF	0.0002		0.2	3696	138.84	16.22	3491.3	66.7	47.5	1585	10.51	275
24.20	25.70	134827	CORE_HALF	-0.0002		-0.2	810	45.22	15.72	320.9	15.7	82.4	419	3.76	653
		134828	CORE_HALF	-0.0002		-0.2	597	40.61	13.42	204.4	14.1	83.1	311	3.06	723
25.70	27.70	134829	CORE_HALF	-0.0002		-0.2	45	81.4	6.58	73.5	9.5	74.1	35	0.18	1313
27.70	29.70	134830	CORE_HALF	0.0003		0.3	58	74.18	8.5	76.7	9.8	81.2	25	0.44	1287
29.70	32.00	134831	CORE_HALF	0.0009		0.9	62	92.13	7.74	76.1	8.8	96.8	16	0.24	1530
32.00	34.00	134832	CORE_HALF	-0.0002		-0.2	57	116.99	6.2	80.8	5.8	93.2	22	0.21	1281

34.00	36.00	134833	CORE_HALF	0.0015	1.5	41	78.83	7.12	84.9	3.4	115.9	21	0.13	1297
36.00	38.00	134834	CORE_HALF	0.0003	0.3	41	93.57	9.12	75.3	2.1	86	25	0.13	1273
38.00	40.00	134835	CORE_HALF	0.0012	1.2	57	94.05	8.14	76.9	1.3	53.8	19	0.09	1299
40.00	42.00	134836	CORE_HALF	0.0017	1.7	63	122.16	5.97	76.6	2.5	90.6	31	0.14	1474
42.00	44.00	134837	CORE_HALF	0.0006	0.6	24	76.52	4.64	103.7	4.2	86.8	30	0.12	1345
44.00	46.00	134838	CORE_HALF	0.0021	2.1	58	163.14	7.82	69.4	4.9	66.8	16	0.19	1449
46.00	48.00	134839	CORE_HALF	0.0005	0.5	31	61.57	9.24	78.7	3.3	67.7	15	0.14	1331
48.00	50.00	134840	CORE_HALF	0.0035	3.5	63	58.07	6.49	72.8	10.9	71.2	21	0.52	1540
50.00	52.00	134841	CORE_HALF	0.0019	1.9	79	40.99	7.99	62	14.2	70	66	1.28	1066
52.00	53.80	134842	CORE_HALF	0.0003	0.3	108	74.34	11.59	72.1	18.9	56.1	17	0.56	1511
53.80	55.00	134843	CORE_HALF	0.003	3	105	82.21	10.68	72.3	15.6	60.8	37	0.88	1471
55.00	56.90	134844	CORE_HALF	0.0018	1.8	68	43.11	5.39	65.2	8.2	45.8	41	0.65	1492
56.90	59.00	134845	CORE_HALF	0.0014	1.4	169	58.47	19.43	70.5	14.2	77	48	1.91	1022
59.00	61.00	134846	CORE_HALF	0.0041	4.1	137	65.73	20.47	66.5	3.5	104.8	23	0.27	845
61.00	63.00	134847	CORE_HALF	0.0012	1.2	76	51.72	12.5	76.7	35.1	74.8	47	1	1104
		134848	CORE_HALF	0.0011	1.1	69	47.51	10.84	74.9	39.9	71.5	39	1.04	1167
63.00	65.00	134849	CORE_HALF	0.0017	1.7	62	57.74	8.72	76.4	32.9	42.3	44	0.9	1390
65.00	67.00	134850	CORE_HALF	0.0009	0.9	58	41.83	8.96	60.1	5.9	51.1	6	0.23	1119
67.00	69.00	134901	CORE_HALF	0.0007	0.7	89	37.91	21.7	118.5	5.5	69.6	25	0.35	1386
69.00	71.00	134902	CORE_HALF	0.0021	2.1	61	61.53	6.44	56.4	6.2	105.2	36	0.3	1156
71.00	73.00	134903	CORE_HALF	0.0022	2.2	144	62.11	13.26	56.7	17.4	54.2	35	0.86	1123
73.00	75.00	134904	CORE_HALF	0.0004	0.4	267	58.5	13.94	46.2	45.4	50.3	282	1.57	1620
75.00	76.00	134905	CORE_HALF	0.0016	1.6	328	78.18	18.54	74	65.1	52.4	586	1.71	1353
76.00	78.00	134906	CORE_HALF	0.0014	1.4	205	69.85	14.41	77.9	18.2	54.2	84	1.46	931
78.00	80.00	134907	CORE_HALF	0.0029	2.9	299	66.41	16.65	87.5	11	62	128	1.05	978
80.00	82.00	134908	CORE_HALF	0.0086	8.6	167	90.66	26.64	59.6	6.1	74.6	45	0.35	886
82.00	83.20	134909	CORE_HALF	0.002	2	66	68.42	16.35	63.7	3.3	59.7	29	0.28	954
83.20	84.50	134910	CORE_HALF	0.0023	2.3	32	51.31	5.4	63.8	2	52.2	17	0.15	1295
84.50	86.30	134911	CORE_HALF	0.0019	1.9	71	64.99	14.13	60.5	4	76.7	50	0.21	1006
86.30	88.00	134912	CORE_HALF	0.004	4	138	56.4	16.25	58.8	4.9	52	17	0.22	1059
88.00	90.00	134913	CORE_HALF	0.0064	6.4	121	75.47	33.81	54.1	3.9	85.5	15	0.22	719
90.00	92.00	134914	CORE_HALF	0.0034	3.4	69	91.9	20.44	38.7	1.9	114.1	15	0.14	560
92.00	94.00	134915	CORE_HALF	0.0031	3.1	66	108.47	20.2	41.6	5	101.6	14	0.28	905
94.00	96.00	134916	CORE_HALF	0.0041	4.1	76	95.38	17.72	45.4	7.9	89.9	15	0.39	898
96.00	98.00	134917	CORE_HALF	0.0062	6.2	81	120.21	21.12	40.7	4	83	7	0.26	883
98.00	100.00	134918	CORE_HALF	0.0052	5.2	99	92.27	20.5	34.9	10.1	90.2	21	0.7	877
100.00	102.00	134919	CORE_HALF	0.0033	3.3	99	84.46	27.95	49.2	3.8	75.1	31	0.33	701
102.00	104.00	134920	CORE_HALF	0.0032	3.2	65	77.89	18.77	66.9	5.4	54	24	0.26	1368
104.00	106.00	134921	CORE_HALF	0.0052	5.2	66	99.66	8.31	72.9	3.6	54.1	25	0.17	1491
106.00	108.00	134922	CORE_HALF	0.0006	0.6	92	176.81	4.72	75.9	1.7	87.6	12	0.07	1579
108.00	110.00	134923	CORE_HALF	0.0028	2.8	49	88.35	5.37	83.5	3.3	116.9	20	0.08	1380
110.00	112.00	134924	CORE_HALF	0.0046	4.6	71	58.99	12.12	85.6	5.3	53.6	31	0.38	1191
112.00	114.00	134925	CORE_HALF	0.0071	7.1	115	160.59	16.78	76.4	6.1	71.8	76	0.87	1356

114.00	116.00	134927	CORE_HALF	0.0045	4.5	137	90.77	23.11	39.2	10.6	85.6	132	0.86	935
		134926	CORE_HALF	0.0047	4.7	129	84.81	20.78	39.3	9.8	85.6	119	0.73	957
116.00	118.00	134928	CORE_HALF	0.0015	1.5	125	52.96	48.32	127.5	14.9	64.7	27	0.51	1359
118.00	120.00	134929	CORE_HALF	0.0019	1.9	99	44.42	17.8	111.5	11.9	68.3	35	0.56	1597
120.00	122.00	134930	CORE_HALF	0.0021	2.1	111	40.08	15.54	86.1	12.2	53.1	30	0.65	1165
122.00	124.00	134931	CORE_HALF	0.0012	1.2	43	36.93	6.37	46.4	5.3	78.1	-5	0.24	1124
124.00	126.00	134932	CORE_HALF	0.0015	1.5	110	28.63	5.29	53.9	6.4	50.4	14	0.35	1110
126.00	128.00	134933	CORE_HALF	0.0011	1.1	108	64.15	12.09	85.5	13.8	60.3	54	0.73	1358
128.00	130.00	134934	CORE_HALF	0.0021	2.1	96	93.64	25.76	71.3	4.9	51.4	29	0.34	1218
130.00	132.00	134935	CORE_HALF	0.0031	3.1	88	82.88	34.39	43.1	4.6	62.7	26	0.27	1207
132.00	133.80	134936	CORE_HALF	0.0026	2.6	419	112.44	20.77	91.5	7.5	67.5	212	0.46	869
133.80	136.00	134937	CORE_HALF	-0.0002	-0.2	1513	45.33	62.65	380.8	20.3	56.3	478	4.38	688
136.00	138.20	134938	CORE_HALF	0.0002	0.2	1300	47.94	49.41	364.8	19.1	55.4	562	4.38	777
138.20	140.00	134939	CORE_HALF	-0.0002	-0.2	284	106.08	7.26	81.1	8.8	44.7	105	0.71	1015
140.00	141.30	134940	CORE_HALF	0.0006	0.6	68	10.04	4.34	43.1	2	161.3	102	0.25	663
141.30	142.00	134941	CORE_HALF	-0.0002	-0.2	259	67.88	21.24	35.3	16.5	55	65	1.5	1312
142.00	144.00	134942	CORE_HALF	0.0008	0.8	84	54.68	10.11	74	11.7	102	48	0.59	1106
144.00	146.00	134943	CORE_HALF	0.0004	0.4	40	4.78	6.3	25.7	1.4	126.1	18	0.17	601
146.00	148.00	134944	CORE_HALF	-0.0002	-0.2	41	8.05	8.37	37.4	1.1	102.3	12	0.1	591
		134945	CORE_HALF	0.0005	0.5	49	6.43	8.33	34.7	0.8	226	13	0.11	585
148.00	150.00	134946	CORE_HALF	-0.0002	-0.2	23	3.52	9.48	39	0.7	63.8	13	0.09	267
150.00	152.00	134947	CORE_HALF	0.0003	0.3	52	4.54	9.37	26.6	0.9	55.3	19	0.15	588
152.00	154.00	134948	CORE_HALF	-0.0002	-0.2	41	3.35	14.81	33.2	1.1	64.1	7	0.17	442
154.00	156.00	134949	CORE_HALF	0.0005	0.5	46	4.07	6.04	21.2	2.1	50	10	0.26	527
156.00	158.00	134950	CORE_HALF	0.0005	0.5	35	6.85	6.65	28.8	1.1	57.3	15	0.31	350
158.00	160.00	134951	CORE_HALF	0.0002	0.2	64	5.81	6.16	28.8	1.7	61	30	0.38	739
160.00	162.50	134952	CORE_HALF	0.0007	0.7	43	12.26	11.73	57.6	2.5	61.2	16	0.23	631
162.50	164.00	134953	CORE_HALF	0.0019	1.9	220	37.37	26.84	71.7	12	79.1	66	2.44	835
164.00	166.00	134954	CORE_HALF	-0.0002	-0.2	46	38.54	7.85	79	9.5	57.4	23	0.15	639
166.00	168.00	134955	CORE_HALF	0.0005	0.5	92	22.93	11.8	68.4	9.8	54	54	1.12	1299
168.00	170.00	134956	CORE_HALF	0.0007	0.7	55	54.81	5.63	78.2	9.3	64.1	24	0.27	672
170.00	172.00	134957	CORE_HALF	0.0008	0.8	69	14.52	7.24	41.5	9.4	51.5	27	0.95	1012
172.00	174.00	134958	CORE_HALF	0.0012	1.2	72	26.86	7.37	69.3	9.9	59.3	19	0.7	698
174.00	176.00	134959	CORE_HALF	0.0009	0.9	59	19.39	5.24	48.1	10.4	58.3	34	0.71	932
176.00	178.00	134960	CORE_HALF	0.0015	1.5	51	19.72	5.81	46.9	7.8	58.7	23	0.62	733
178.00	180.00	134961	CORE_HALF	0.0011	1.1	69	22.85	8.07	62.5	8	74.8	36	0.7	774
180.00	182.00	134962	CORE_HALF	0.0007	0.7	61	11.6	7.29	40.8	8.8	62.5	44	1.11	788
182.00	184.00	134963	CORE_HALF	0.0013	1.3	84	19	7.91	62.9	6.4	86.9	34	0.74	839
184.00	186.00	134964	CORE_HALF	0.0005	0.5	67	23.94	6.35	65.8	8.3	79.3	35	0.59	887
186.00	188.00	134965	CORE_HALF	0.0012	1.2	165	20.18	7.45	66.1	10.1	72.1	108	1.37	864
188.00	189.60	134966	CORE_HALF	0.0003	0.3	347	29.16	9.16	147.2	16.9	67.8	251	2.83	823
189.60	192.00	134967	CORE_HALF	-0.0002	-0.2	2724	62.09	9.92	260.3	28.7	50.4	918	3.79	206
192.00	194.00	134968	CORE_HALF	0.0005	0.5	1143	37.89	9.68	198.9	15.9	60.8	806	1.33	232

194.00	196.00	134969	CORE_HALF	-0.0002	-0.2	503	28.5	10.68	145.6	11.3	79	730	0.9	201
196.00	198.00	134970	CORE_HALF	-0.0002	-0.2	470	26.82	9.58	145.4	10.9	83.7	758	0.77	276
198.00	200.00	134971	CORE_HALF	0.0004	0.4	460	26.61	8.92	166	10.3	87.8	704	0.78	271
200.00	202.00	134972	CORE_HALF	0.0002	0.2	490	28.41	9.59	171.2	11.2	94.7	688	0.79	240
202.00	204.00	134974	CORE_HALF	-0.0002	-0.2	429	28.27	9.52	158	10.6	126.7	688	0.82	269
		134973	CORE_HALF	0.0007	0.7	435	27.23	9.14	155.4	10.2	127.9	618	0.73	294
204.00	206.00	134975	CORE_HALF	-0.0002	-0.2	414	26.11	11.08	121.7	11.9	84.6	526	0.74	389
206.00	208.00	134976	CORE_HALF	0.0003	0.3	1033	29.65	9.28	143.2	23	50.5	451	1.13	448
208.00	210.00	134977	CORE_HALF	0.0005	0.5	1025	37.64	10.23	185.6	33.8	70	410	2.37	407
210.00	212.00	134978	CORE_HALF	-0.0002	-0.2	933	29.84	19.44	128.5	30.6	49.6	310	2.23	532
212.00	214.00	134979	CORE_HALF	0.0002	0.2	1043	30.77	16.37	141.2	33.1	45.4	361	3.01	316
214.00	216.00	134980	CORE_HALF	0.0002	0.2	654	24.93	9.28	172.2	41	87	506	4.2	443
216.00	217.00	134981	CORE_HALF	0.1106	110.6	9226	10.34	23.24	77	433.3	49.7	1274	29.44	45
217.00	218.60	134982	CORE_HALF	0.0572	57.2	6908	15.07	22.85	65	376.8	45.2	1925	30.63	85
218.60	220.00	134983	CORE_HALF	0.0003	0.3	1225	38.62	12.85	487.9	45.6	131	613	10.43	512
220.00	221.70	134984	CORE_HALF	0.0011	1.1	1591	31.4	15.92	129.3	66.3	76.1	462	11.16	342
221.70	222.80	134985	CORE_HALF	0.0788	78.8	10011	10.41	23.73	83.5	412.5	56.4	1890	29.7	38
222.80	223.30	134986	CORE_HALF	0.309	309	30994	20.83	60.38	106.2	1246.2	29.2	3284	84.82	87
223.30	224.50	134987	CORE_HALF	0.017	17	6483	20.77	24.29	203	428.9	56.7	1536	26.08	150
224.50	226.00	134988	CORE_HALF	0.0006	0.6	1578	30.52	12.73	253	47.6	106.2	501	8.12	253
226.00	228.00	134989	CORE_HALF	0.0006	0.6	463	27.99	10.14	144.2	20.4	89.1	404	4	264
228.00	230.00	134990	CORE_HALF	0.0002	0.2	558	25.77	10.24	118.2	17.7	113.3	420	2.8	269
230.00	232.00	134991	CORE_HALF	0.0008	0.8	357	22.84	9.51	105.8	13.2	121.3	406	1.55	363
232.00	234.00	134992	CORE_HALF	0.0004	0.4	517	25.47	9.15	118.6	13	86.7	510	0.98	371
234.00	236.00	134993	CORE_HALF	-0.0002	-0.2	719	29.78	9.62	316.7	17.1	97.7	642	2.18	276
236.00	238.00	134994	CORE_HALF	-0.0002	-0.2	456	23.59	10.3	258.9	27.4	119.7	410	4.16	570
238.00	240.40	134995	CORE_HALF	0.0009	0.9	1869	19.58	14.36	90.6	72.1	92.7	377	6.92	398
240.40	242.00	134996	CORE_HALF	0.0273	27.3	6034	5.5	20.41	30.8	224.2	62.2	479	10.23	58
242.00	244.00	134997	CORE_HALF	0.0351	35.1	15130	11.79	38.13	53.3	522.3	71.8	625	52.8	175
		134998	CORE_HALF	0.0333	33.3	14495	8.08	38.8	49.5	476.3	71	645	45.49	159
244.00	246.20	134999	CORE_HALF	0.0324	32.4	22236	8.76	21.74	74.5	241.2	61.4	1057	11.05	514
246.20	248.00	135000	CORE_HALF	0.0007	0.7	376	31.07	14.11	121.2	34.4	77	175	5.29	1243
248.00	250.00	136767	CORE_HALF	0.0003	0.3	609	25.46	17.26	68.2	77.5	82	181	6.79	893
250.00	252.00	136768	CORE_HALF	0.0004	0.4	227	39.01	17.43	104.3	45.8	69.4	273	7.59	845
252.00	252.90	136769	CORE_HALF	-0.0002	-0.2	230	39.65	19.27	126.4	41.6	35.5	366	8.52	494
252.90	253.90	136770	CORE_HALF	-0.0002	-0.2	89	35.46	8.04	86.8	18.1	50.9	216	4.13	1128
253.90	255.00	136771	CORE_HALF	-0.0002	-0.2	308	54.83	18.98	179.3	50.4	42.4	422	10.84	557
255.00	256.00	136772	CORE_HALF	-0.0002	-0.2	306	54.61	20.73	180.8	52.6	55.5	485	11.54	600
256.00	257.00	136773	CORE_HALF	-0.0002	-0.2	172	52.86	14.39	109.7	39.2	50.9	290	6.74	613
257.00	258.00	136774	CORE_HALF	-0.0002	-0.2	215	46.27	13.64	120	40.5	64.2	314	6.88	694
258.00	259.00	136775	CORE_HALF	0.0002	0.2	276	47.96	16.12	197.5	81.8	43.7	762	17.4	820
259.00	260.00	136776	CORE_HALF	-0.0002	-0.2	370	59.64	19.79	235.4	102.3	42.4	747	24.77	460
260.00	261.40	136777	CORE_HALF	0.0006	0.6	71	21.56	2.67	50.3	36.8	47.6	109	1.42	714

261.40	263.00	136778	CORE_HALF	0.0018	1.8	560	26.32	10.13	63.7	630.4	61.5	218	12.27	1571
263.00	265.00	136779	CORE HALF	0.0009	0.9	100	18.32	11.59	29.6	57.1	63.8	139	7.66	891
265.00	267.00	136780	CORE HALF	0.0009	0.9	64	19.81	10.09	41.8	28.1	75.3	88	3.44	1025
267.00	269.00	136781	CORE_HALF	-0.0002	-0.2	52	16.29	8.74	48.2	21.3	89.3	58	2.42	839
269.00	271.00	136782	CORE_HALF	0.0005	0.5	66	25	11	52	18.2	87.2	90	3.26	1023
271.00	272.50	136783	CORE_HALF	0.0003	0.3	59	25.29	10.16	59.1	16.8	108.8	89	3.15	725
272.50	274.00	136784	CORE HALF	-0.0002	-0.2	61	26.44	10.7	57.9	12.9	98.2	62	2.07	602
274.00	276.00	136785	CORE_HALF	-0.0002	-0.2	48	26.89	7.44	66.2	6.3	300.6	66	0.85	1028
276.00	278.00	136786	CORE_HALF	0.0003	0.3	57	19.4	7.76	58.2	6.9	79.4	35	1.25	794
278.00	280.00	136787	CORE_HALF	-0.0002	-0.2	42	28.42	7.55	60	6	73.8	38	1.29	968
280.00	282.00	136788	CORE_HALF	0.0005	0.5	24	28.99	2.36	65.5	1	87.3	17	0.2	1210
282.00	284.10	136789	CORE HALF	0.0006	0.6	41	31.03	5.18	66.6	1.3	85.8	12	0.24	1172