

GeoVector Management Inc. GEOLOGICAL LOG

HOLE DESCRIPTION		HOLE LOCATION			HOLE ORIENTATION	
PROJECT: COLMENTAS	GRID Name or No: _____	DATUM: WGS 84			AZIMUTH: 200.0	
HOLE NO: P-04	NORTHING: _____	ZONE: 29N			INCLINATION: 77.0	
LOGGED BY: Rolf, David	EASTING: _____	UTM Northing: 704055			FINAL DEPTH (m): 860.05	
START DATE: 31-Oct-08	ELEVATION: _____	UTM Easting: 4165407			CORE SIZE: PQ, HQ, NQ	
FINISH DATE: 16-Dec-08	Casing (m): _____	UTM Elevation: 351			Magnetic Declination: 2.45 W	
				CASING LEFT IN HOLE:		

Depth			Rock Type					Colour			ALTERATION								Mineralisation					Structural Measurements		COMMENTS							
											Alteration Intensity				Code	Sulphide			Veins		Structure / Contact	ACA											
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %			Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type	Main Accessory Mineralogy	Secondary Accessory Mineralogy	Third Accessory Mineralogy	Structure / Contact	ACA	
0.00	1.00	1.00	40					br						3																	Subrounded volcanic gravel.		
1.00	9.60	8.60	3					grl	bg					3	2																Interm. volcanic rock. Matrix: Pg, Cl, px, am, opaques. Phenocr: Pg, Augita, Ep. Propylitization, Albitization. Stringers and veinlets every 20 cm		
1.00	1.20	0.20						grl	cr					2																	Pg partly was out, leaving little holes. Fractures filled with brown clays		
1.20	7.50	6.30						grl	cr	br				2																	Iron and Manganese oxides.		
1.60																												fr	15				
2.20																												fr	50				
2.30																												fr	15				
2.50																												fr	25				
3.80																												fr	45				
4.30																												fr	35				
4.40																												fr	70				
4.00																											fl	45					
4.70																											fr	30			Clays filling		
5.50																											fr	15			Clays filling		
5.80																											fr	60					
5.90																											fr	35			Organic materia filling		
6.50																											fr	5					
6.60																											fr	60					
7.40																											fr	5			Clays filling		
7.50	8.60	1.10						grl	gl					1													fl	50					
8.50																											fr	60					
8.40																											fr	5					
8.20																											fr	5					
14.15						tm																									Dipping 30°. 6 cm distance parallel to last fracture.		
8.60	9.60	1.00						grl	cr	br				2																			
9.60	11.60	2.00	ATZ																													By water circulation. Clays + Kaoline and fragments of rock. Phreatic level. AQUIFER. Pg washing.	
11.60	12.00	0.40												2																			
11.60	29.00		3R																														
12.00																											fr	55					
12.00																											fr	10					
12.00	14.15	2.15						grl	cr	br				2																			
12.50																											fr	55					
12.70																											fr	30					
12.80																											fr	15					
12.80																								qz	lt			gc	45			0.5 cm thickness QVN-Volcanics	
13.00																											fl	40					
13.10																											fr	15					
13.20																											fg	40				with clays	
13.60																											fr	40					
13.80																											fr	40					
14.00																											fr	35					
14.00																											fr	60					
14.70																											fr	40					
14.90																										fl	30						
15.50																									qz	vg			gc	20			1 cm thickness QVN-Volcanics
15.50																											gc	20				1 cm thickness	
15.80																										qz	lt					1 cm thickness	
15.80																											gc	15				QVN-Volcanics	
15.85																											qz	vg				1.5 cm thickness	
15.85																											gc	70				QVN-Volcanics	
16.00																											fr	70					
16.50																											sr	20					
16.80																											fr	50					
16.80	18.80	2.00																									sz	20					
16.80	18.80	2.00																									sz	70				Opposite	
17.90																											qz	vg				1.5 cm thickness	
17.90																											gc	70				QVN-Volcanics	
18.70																											fr	50				crisotile filling	
19.20																											fr	50					
19.40	21.30	1.90		3	p																												
19.80	21.30	1.50		QVN																												15% Qz	
19.80																											gc	70				QVN-Volcanics	
20.15																											gc					QVN-Volcanics	
20.15	20.37	0.22																		gn	0.01												
20.80																												qz	lt				1.5 cm thickness

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS	
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity					Code		Sulphide				Veins			Structure / Contact	ACA		
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy				Vein Type
20.80																								gc	60	QVN-Volcanics		
21.30																								qz	lt	1 cm thickness		
21.30																								gc	45	QVN-Volcanics		
21.60	21.95	0.35		QVN																				qz	vs	20 % Qz+Cb		
21.60																								qz	lt	1.5 cm thickness		
21.60																								gc	70	QVN-Volcanics		
21.80																								qz	lt	2 cm thickness		
21.80													1											1 Talc		QVN-Volcanics		
22.90																								qz	lt	1 cm thickness		
22.90																								2 Talc		QVN-Volcanics		
21.90																								cb	lt	QVN-Volcanics		
21.90																								gc	80	QVN-Volcanics		
22.45																								fr	45			
22.70																								fr	30			
22.85																								fr	45			
24.20																								sr	25			
24.30																								sr	60			
24.50																								fl	50			
25.20	25.65	0.45																						sz				
24.70																								vn	55	0.5 cm thickness. Qz+Cb		
24.90																								vn	55	0.4 cm thickness. Qz+Cb		
24.95																								fr	15			
25.20																								sr	60	Qz+Cb		
25.65																								sr	40	Qz+Cb		
25.85	26.55	0.70																						sz		15 % Qz. Irregular. Stringers < 0.5 cm thickness.		
26.30																								sr	40	Qz+Cb		
26.30																								sr	75	Qz+Cb		
26.80																								sr	35	Qz+Cb		
27.00																								fr	35			
27.65																								sr	20	Qz+Cb		
27.65																								sr	70	Qz+Cb		
28.10																								sr	30	Qz+Cb		
27.20																								fl	35			
29.00	33.75	4.75	3P	3	p																							
28.50																									fl	35		
28.85																								sr	50	Qz+Cb		
30.60																								sr	35	Qz+Cb		
31.55																								sr	40	Qz+Cb		
32.05																								sr	40	Qz+Cb		
32.05																								sr	60	Ser		
32.35	33.60	1.25				3	ep																			10 % ep		
33.60																								gc	50	QVN-Volcanics		
32.35	33.60	1.25																						sz				
33.50				QVN																				qz	lt	3 cm thickness		
33.75																								sr	60	Qz+Cb		
33.75	46.10		3R																									
34.05																								sr	50			
34.70																								sr	30			
35.10																								sr	35			
34.30				QVN																				qz	lt	1 cm thickness		
34.30																								gc	50	QVN-Volcanics		
34.40																								fr	35			
35.60	35.90	0.30																						sz		20 % Qtz		
36.15				QVN																				qz	lt	cb		
36.15																								gc	40	QVN-Volcanics		
36.80																								fl	35			
37.80				CBV																				cb	lt	1.5 cm thickness		
37.80																								gc	35	CBN-Volcanics		
38.20																								sr	35			
38.60	39.30	0.70		HBX																				cb	bx	qz	ep	schlieren. 35% Qz.
39.30																								gc	35	HBX-Volcanics		
39.60																								sr	35			
39.95				QVN																				qz	lt	cb		
39.95																								gc	55	QVN-Volcanics.		
40.40				QVN																				qz	lt	cb		
40.40																								gc	45	QVN-Volcanics.		
40.55				QVN																				qz	lt	7 cm thickness		
40.55																								gc	55	QVN-Volcanics.		
38.95																								fr	35			
38.95																								fr	35			
41.05				QVN																				qz	lt	1 cm thickness		
41.25				QVN																				qz	lt	1.5 cm thickness		
41.05																								gc	45	QVN-Volcanics.		
41.25																								gc	45	QVN-Volcanics.		
41.70				QVN																				qz	lt	1 cm thickness		
41.70																								gc	45	QVN-Volcanics.		
41.80																								sr	25	Qz+Cb		
42.60																								sr	20	Qz+Cb		
43.00																								fl	35			

Depth			Rock Type					Colour			ALTERATION								Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity				Code				Sulphide			Veins				Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type			Main Accessory Mineralogy
43.30																									sr	55	Qz+Cb	
43.70				QVN				wt												qz	lt	cb				gc	55	1 cm thickness
44.00	44.80	0.80		3	p																				sr	25	QVN-Volcanics.	
44.20																									sr	75		
45.20				QVN				wt												qz	lt	cb	ep			gc	35	2.5 cm thickness
45.30				QVN				wt												qz	irr	cb				gc	65	QVN-Volcanics.
45.30				QVN				wt												qz	irr	cb	tc			gc	45	0.5 cm thickness
45.50				QVN				wt												qz	irr	cb	tc			gc	65	QVN-Volcanics.
45.50				QVN				wt												qz	irr	cb	tc			gc	45	2 cm thickness
45.70				QVN				wt												qz	irr	cb	tc			gc	45	QVN-Volcanics.
46.10	49.20	3.10	3H	HBX																					sr	45	Qz+Cb	
46.20																		py	0.01						fr	80	Alteration. Autoclastic Breccia. 25% Qz+Cb. Irregular fracturing. Open fractures. Vivianita.	
46.30				QVN				wt												qz	lt	cb	he			vn	50	
47.10																									fr	0	Cb+Vivianite+li	
47.60																									fr	0	Cb+li	
47.70																									fr	25		
49.20																									fr	75	Li	
49.20	51.25		3R																						fr	45		
49.30																									sr	15	Qz+Cb	
50.30																									sr	30	Qz+Cb. Opposite	
50.40																									sr	15	Qz+Cb	
50.70																									sr	15	Qz+Cb	
51.25	54.50	3.25	3P	3	p																				sr	15	Qz+Cb	
51.35																									sr	45	Qz+Cb	
51.65																									sr	35	Qz+Cb	
52.15																									sr	35	Qz+Cb	
52.30																								fl	30			
52.60				QVN				wt												qz	irr	cb				gc	45	1 cm thickness
52.60				QVN				wt	gl											qz	irr	cb				gc	45	Qz+Cb
53.30				QVN				wt	gl											qz	irr	cb				gc	45	1-2 cm thickness
54.10				QVN				wt	gl											qz	irr	cb				gc	35	
54.10				QVN				wt	gl											qz	irr	cb				gc	35	horse tale
54.75	62.30	7.80	3R																						sz	45		
54.75																									sz	45		
55.00																									sr	15	Qz+Cb	
55.30	55.70	0.40		CBN				wt	grl											cb	lt	qz	cl			gc	15	40% Qz+Cb
55.60																										gc	15	CBN-Volcanics
55.40																									sr	50	Qz+Cb	
56.10																									sr	35	Qz+Cb	
56.00	56.30	0.30																							sz	10	10% Qz+Cb	
56.30				QVN				wt												qz		cb				gc	5	0.5 cm thickness
56.50																									gc	5	QVN-Volcanics	
56.50																									sr	25	Qz+Cb	
56.80																									sr	15	Qz+Cb	
57.25				CBN				wt												cb		qz				gc	25	1 cm thickness
57.25				CBN				wt												cb		qz				gc	25	QVN-Volcanics
57.75				CBN				wt												cb		qz				gc	25	0.5-2 cm thickness
57.75				CBN				wt												cb		qz				gc	15	QVN-Volcanics
58.15				QVN				wt												qz	irr	cb				sr	35	Qz+Cb
58.25				QVN				wt												qz	irr	cb				sz	25	
58.50																										sz	25	
58.70																									sr	65	Qz+Cb	
59.05																									sr	30	Qz+Cb	
59.30				QVN				wt												qz	irr	cb				gc	60	1 cm thickness
59.30				QVN				wt												qz	irr	cb				gc	60	0.5 cm thickness
59.35				QVN				wt												qz	irr	cb				gc	60	
59.35				QVN				wt												qz	irr	cb				gc	60	
59.20																									fl	30		
59.80																									sr	25	Qz+Cb	
59.85	60.85	1.00		QVN				wt	gl	grl										qz	irr	cb	amp			gc	25	75% Qz Cb
60.20	60.30	0.10																								gc	65	
59.85																									gc	65		
60.85																									fr	45		
60.90																										gc	65	0.8 cm thickness
60.95				QVN				wt												qz		cb				gc	65	QVN-Volcanics
61.55																										sr	55	Qz+Cb
61.80																									sr	15	Qz+Cb	
62.00				QVN				wt	brl											qz	lt	cb				gc	80	QVN-Volcanics
62.00				QVN				wt	brl											qz	lt	cb				gc	80	
62.40																										vl	15	Qz+Cb
62.30	66.00	3.70	3P	3	p																				vl	15	Qz+Cb	
62.70																									sr	15		
63.85																									vl	15	0.7 cm thickness	
64.25																									sr	15		
64.70				QVN				wt	cr											qz	flm	cb				sr	15	1 cm thickness

Depth			Rock Type					Colour			ALTERATION								Mineralisation								Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity								Sulphide				Veins				Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type	Main Accessory Mineralogy			
64.70																										gc	55	QVN-Volcanics	
64.90				QVN				wt	cr																			4 cm thickness	
64.90																										gc	55		
65.00																										sr	45		
65.15																										vl	15	Qz+Cb	
65.30																										sr	25		
65.50				QVN				wt																	qz	lt	cb	0.5 cm thickness	
65.60			3R	QVN				wt	gl																qz	lt	cb	1 cm thickness	
66.00	114.30																												
66.40	67.50	1.10																								gc	25	QVN-Volcanics	
66.55																										sz			
66.55																										sr	15		
67.00																										sr	20		
67.50				QVN				wt																	qz			1 cm thickness	
67.50																										gc	15	QVN-Volcanics	
67.70	67.90	0.20																								sz	25		
68.40																										sr	20		
68.60																										sr	35		
69.10	69.30	0.20		QVN				wt																	qz	vs	cb	2.5 cm thickness	
69.30																										gc	65	QVN-Volcanics	
69.60																										vn	80	0.5 cm thickness	
69.60	70.00	0.40																								sz	40		
70.70	70.85	0.15		QVN				wt																		qz		cb	13 cm thickness
70.70																										gc	45	QVN-Volcanics	
70.50																										fl	35		
72.15	72.50	0.35		QVN				wt	grl			2													qz	vs	cb	Silicified. Max thickness 5 cm	
72.15																										gc	60	QVN-Volcanics	
72.90																										sr	35	Qz+Cb	
73.25	73.60	0.35																								sz	50	8% Qz+Cb	
74.00																										fl	35		
73.70																										sr	25		
74.80	75.40	0.60																								sz		15% Qz+Cb	
75.00																										sr	15		
76.40																										sr	25		
76.40																										sr	55	Opposite	
77.40	77.70	0.30		QVN				wt																		qz	vs	cb	40% Qz+Cb
77.50																										gc	15	QVN-Volcanics	
78.30																										sr	15		
78.80	79.50	0.70																								sz		10% Qz	
79.30																										sr	15		
80.45	81.05	0.60		QVN				wt	gl																qz	vs	cb		
80.50																										gc	15	QVN-Volcanics	
81.80																										sr	45		
82.20																										fl	40		
82.90																										fr	35		
83.10	84.20	1.10		QVN				wt																	qz	vs	cb	15% Qz+Cb	
83.20																										vn	15	1 cm thickness	
84.00																										vn	15	0.5 cm thickness	
84.25																										vl	45		
84.40																										fr	40		
85.10																										vl	55		
85.70				QVN				wt																	qz	vs	cb	1 cm thickness max vein	
85.60																	py	0.01								vn	15	0.8 cm thickness	
85.75																										vn	55	1 cm thickness (opposite)	
86.10																										fr	15		
86.40																										fl	45		
86.60	87.30	0.70																								sz		10% Qz+Cb	
86.60																										sr	55		
87.30																										sr	15		
87.45																										fr	70		
87.85	88.20	0.35																								sz		8% Qz+Cb	
88.00																										sr	35		
88.20																										sr	35		
88.40																										fl	35		
89.15	89.25	0.10																								sz		30% Qz+Cb	
89.60																										fr	45		
89.75																										fr	15		
90.10																										sr	35		
90.70																										vl	5	0.3 cm thickness	
91.10																										sr	30		
91.20																										sr	45		
91.50	92.70	1.20		FRZ																									
91.60																											fr	45	
91.70																											fr	15	
92.70	93.60	0.90																								sz		15% Qz+Cb	
93.10																										sr	40		
93.15				QVN				wt	gl																	qz	vn	cb	1 cm thickness
93.15																											gc	30	
93.25				QVN				wt	gl																	qz	vn	cb	1 cm thickness

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From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA			
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy				Vein Type	Main Accessory Mineralogy
115.55																									fr	35			
116.00																									fr	35			
116.30																								sr	30	Carbonates			
116.40				QVN				wt	gl																		0.5-2 cm thickness		
116.40																										gc	15	QVN-Volcanicx	
117.60	119.25		3R																										
117.60																										sr	20		
117.70	118.65	0.95						grl	cr																	sz		10 % cb+Qz	
118.00				CBN				wt																	cb	irr	qz	1 cm thickness	
118.00																										gc	15	CBN-Volcanicx	
118.40																									sr	30			
118.65	119.25	0.60		HBX																									
119.30				CBN																					cb	irr	qz	0.5 cm thickness	
119.70																										gc	10	CBN-Volcanics	
119.25	125.00	5.75	3P	3	p			gd	grd																sr	5	carbonates		
120.15																									fr	60			
120.20																									sr	25	carbonates		
120.40																									sr	30	carbonates		
121.20																									sr	0	carbonates		
121.50																									fl	40			
125.00	125.30	0.30		HBX				gl	grd																				
122.70																		py	0.01	bl									
127.70																		cpy	0.01	bl									
127.70																		po	0.01	bl									
121.90																									fr	45			
121.95																									sr	25			
122.40																									fr	70			
123.00																									fr	70			
123.40																									fr	55			
123.60																									fr	50			
123.80																									sr	55	carbonates		
124.90																									sr	15	carbonates		
125.30	125.50	0.20																											
125.30																									fl	55			
125.00	130.40	5.40	3H	3	p																							Increasing hematitization to the bottom	
125.80																									sr	30	carbonates		
125.80	130.40	4.60		BXZ				rd	gd																			Fragments of Andesites, shales. Carbonates in holes. Angular fragments.	
128.20																													
128.50	128.80	0.30						wt	grl																	ft	15		
129.20	129.45	0.25						wt	grl																	fg	15		
130.40	133.90	3.50						gd	grd																			centimetric shales fragments embeded in the rock.	
130.40	134.50	4.10	3R																										
131.55																										fr	35		
132.40	133.90	1.50																								sz		irregular. Cb + Hem 15% stringers.	
132.30																									fl	25			
132.50																									sr	15	carbonates		
132.55																									sr	45	carbonates + hematites		
133.30																									sr	35	carbonates		
133.90	134.50	0.60																py	0.01	do	bl							banded	
134.10																									fl	45			
134.20																									sr	10	carbonates		
134.30																									sr	25	carbonates		
134.50	146.50	12.00	3B	3	vbx			gr	gd																			milimetric-centimetric angular fragments following volcanic flow.	
135.00																										sr	15	Carbonates	
134.90																									fr	50			
136.30	137.20	0.90																								sz		5 % stringers	
136.30	137.20	0.90		FRZ																									
136.40																									sr	10			
136.70																									sr	20			
137.00																									fr	35			
138.00	140.30	2.30						gl	grl																			Abundant Plagioclase	
138.60																									fl	70			
138.80																									fr	70			
139.60																									fr	25			
139.70																									fr	15			
139.85																									fr	15			
140.45				QVN				wt																		qz	cb	4 cm thickness	
140.45																										gc	55	QVN-Volcanics	
140.65	140.80	0.15		CBN				wt																	cb	vs	qz	cl	6 cm thickness. Volcanics fragments. Talc in contacts. Steatite.
140.80																										gc	15		
140.65																										gc	20		
142.10				CBN				wt																		cb	vs	Unknown thickness. Angular fragments of volcanics.	
142.10																										gc	5		
142.70																									fr	75			
143.05																									fr	45			
143.10	143.80	0.70						gl	grl																			Abundant Plagioclase	
143.60																									fr	20			
143.80																									fr	30			

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS				
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type	Main Accessory Mineralogy		Secondary Accessory Mineralogy	Third Accessory Mineralogy	Structure / Contact	ACA
144.00																													fr	40	
145.15				QVN				wt	grl																qz		cb	cl	gc	55	1.5 cm thickness
145.30	146.80	1.50		CBN				wt	grl									1							cb	vs	tc		fr	60	25 % carbonate
146.40																													fr	10	
146.65																				py	0.01	do									
146.80																			cpy	0.01	do										
147.10																													fr	55	
146.50	151.70	5.20	3P	3	p																								fl	45	
147.80				QVN				wt	grl																qz		cb	cl			weakly brecciated and altered (hydrothermal) 1.5 cm thickness
148.30																													gc	40	
148.85				QVN				wt																	qz		cb		vl	30	0.3 cm thickness. Qz + Cb
148.85																													gc	15	2 cm thickness
148.90																												sr	15	Carbonates	
149.10																												fr	55		
149.10																												fr	5		
149.50																												fr	65		
149.70																												fr	25		
150.30																												fr	50		
150.45																												fr	50		
150.90																												fr	40		
151.10																												fr	30		
151.10																												sr	25		
151.25																												sr	25	Carbonates	
151.70	190.10	38.40	3R																									sr	25		
152.20														1		1													vl	15	0.7 cm thickness
152.70																												fr	15		
153.15																												fr	60		
153.25																												sr	5	irregular. Carbonates	
154.10																											fr	30			
154.80				CBN				wt	cl																cb		qz		sz		up to 5 cm. From 155.00: flamboyidified carbonates. 8%
155.80																												sr	50	Carbonates	
155.40																												sr	45	Carbonates	
155.90																												fr	45		
156.15																												fg	25		
156.25	156.30	0.05										1	1															fg	15		
156.30																															
156.30	157.30	1.00		FRZ								1	1																		
156.50																													fr	15	
156.70																												fr	45		
157.00																												sr	5	0.5 cm thickness	
156.90																												sr	15		
157.35																												sr	5		
157.30																												fr	45		
157.95														1														sr	45		
157.80																1												fr	35		
157.80																												fr	80		
158.10																												sr	15	Carbonates. 0.3 cm thickness	
158.20														1														vl	45	0.5 cm thickness	
158.70																												sr	5	Carbonates	
159.10																												sr	30		
159.25				6																											
159.45	161.10	1.65										1	1															sz		5% stringers	
159.90																												sr	30		
160.40																												sr	45		
160.40																												sr	5		
160.40																												sr	25		
161.10	161.60	0.50		FZ																											gouge
161.10																												ft	25		
161.60																												ft	25		
161.25																												fr	30		
162.00	162.20	0.20												1		2												fg	15		
162.70																												fr	25		
163.10																												fr	45		
163.45																												sr	15	Carbonates	
163.90																												sr	45		
163.70																												sr	25		
164.30	165.70	1.40		FRZ								1	1	1																	
165.05	165.25	0.20			FZ							1	1	1														fg	15	Brecciated	
164.55																												fr	45		
165.60													1															fr	15		
166.50																												fr	5		
165.65																												fr	65		
165.95	166.05	0.10		QVN				wt	gr			1	1	1											qz	bx	cb	cl			6-8 cm thickness. Fragments.
165.95																												gc	40	QVN-Volcanics	
166.05																												gc	35	QVN-Volcanics	

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS				
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hermitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type	Main Accessory Mineralogy		Secondary Accessory Mineralogy	Third Accessory Mineralogy	Structure / Contact	ACA
166.30				CBN				wt	rd				1		1									cb	bx	qz			gc	35	1 cm thickness
166.30																													sr	15	QVN-Volcanics
166.55																															Carbonates
166.85	167.05	0.20		QVN				wt	grl															qz	vs	cb	cl			35 % Qz	
167.10	167.25	0.15		QVN				wt	grl				1		1									qz		cb	cl			7 cm thickness	
167.25																													gc	40	QVN-Volcanics
168.05																													sr	25	
168.30																													fr	15	
168.50																													fl	40	
168.80																													sr	15	Carbonates
169.20																													fr	70	
169.40																													fl	35	
169.40																													fr	50	
169.65																													fr	45	
169.75																													sr	40	Carbonates
170.10	170.65	0.55		HBX																											
170.10																													fr	70	
170.15														1															vn	15	
170.40																													fl	30	
170.50	170.65	0.15		QVN				cr																qz	vs	cb					25 % Qz
170.65																								qz	flm				vn	60	2 cm thickness
171.00																													sr	15	Carbonates
171.80																													sr	20	Carbonates
171.90				QVN				cr	grl															qz		cb	cl				2 cm thickness
172.20	172.60	0.40		FRZ																											
172.30																													sr	25	qz
172.60																													sr	15	Qz
173.00																													sr	15	Carbonates
173.10				QVN			wt	gl																qz		cb	cl				1.5 cm thickness
173.10																													gc	20	QVN-Volcanics
173.45																													sr	75	
173.80																													fr	25	
173.90																			py	0.01									fr	35	
173.90																													sr	30	
174.30																													sr	15	Carbonates
174.60	176.70	2.10		FRZ																											
176.00																													fr	50	
175.60																													fr	50	
176.20																													fr	15	
176.50																													fg	25	
176.70																													fr	15	
177.80																													sr	45	Qz
177.85																													sr	45	
178.50																													sr	15	Carbonates
179.50																													sr	5	Carbonates
180.25	181.20	0.95		FRZ																											
180.25																													fr	30	
180.25																													sr	50	Qz
181.00																													sr	15	Carbonates
182.15				QVN			wt	gl																qz							1 cm thickness
182.15																													gc	50	QVN-Volcanics
182.80																													sr	35	Qz
183.00	184.10	1.10		FRZ																											
183.00																													fr	15	Carbonates
183.20				CBN			wt	grl																cb		qz					1 cm thickness
183.20																													gc	15	CBN-Volcanics
183.90																													sr	35	
184.40																													fr	35	
185.05																													fr	50	
185.20																													fr	15	
185.30																													fr	45	
185.40				QVN			wt																	qz							0.5 cm thickness
185.40																													gc	35	QVN-Volcanics
186.10																													sr	15	Carbonates
186.20	187.35	1.15		QVN			wt	grl																qz	bx						3 cm thickness. flamboidified at the bottom
187.35																													gc	0	QVN-Volcanics
187.35	188.00	0.65		FRZ																											
187.90																													fr	15	
188.00	188.05	0.05		6																											
188.00																													fl	15	
188.50																													fr	85	
188.70																												fl	60		
189.10				QVN			wt	gl																qz							
189.10																													gc	25	QVN-Volcanics
189.40																													fr	65	
188.75	190.10	1.35		3	p																										
190.10																													fr	35	
190.55																													fr	40	
190.75																													sr	60	

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS		
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity					Code		Sulphide				Veins			Structure / Contact	ACA			
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemite) (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type				Main Accessory Mineralogy	Secondary Accessory Mineralogy
190.10	206.45	16.35	3B	vbv																						fr	15		
191.00																											sr	25	
192.00																											fr	75	
192.30																											fr	25	
192.40																													
192.75					CBN			wt	rd															cb				1.5 cm thickness	
192.75																										gc	25	CBN-Volcanics	
193.00																										fr	45		
193.45																										fr	50		
193.65																										sr	40		
194.55																										sr	60		
194.70																										sr	50		
195.20																										sr	40		
195.40																										sr	25	Vivianite	
196.75																										sr	25		
197.10																										fr	45		
197.60																										sr	5	2 stringers together, separated 1.5 cm. Qz. Folded.	
197.90																										fr	60		
198.30																										fr	70		
198.30																										sr	25	Carbonates.	
199.35																										sr	30	Carbonates. Irregular	
199.55																										fr	25		
199.55																										fr	65	Crosscut	
199.80																										sr	15	Carbonates	
200.00																										fr	60		
201.10																										fr	45		
201.30																										fr	75		
201.40																										fr	40		
201.40																										fr	60	Crosscut	
201.55																										fr	55		
201.85																										fr	45		
202.20																										fr	75		
202.50																										fl	30		
202.95																										fr	80		
203.05																										fr	75		
203.30																										fr	50		
203.50																										fr	65		
203.70																										sr	40	Carbonates	
203.70	206.45	2.75			3	vbv	6																						
204.10																										sr	45		
204.60																										sr	55	Carbonates. Folded	
204.80																										fr	55		
205.00																										fr	55		
200.70	200.85	0.15			6																							Angular shapes	
205.50	205.95	0.45			FRZ																								
205.50																										fr	55		
205.60																										fr	35		
205.80																										fr	35		
205.95																										fr	45		
206.15																										fr	45		
206.25																										fr	55		
206.45																										fr	45		
206.45	207.10	0.65																											
206.45	217.30	10.85																											
206.95																											sr	35	
207.10																										fr	70		
207.15																										fl	45		
207.30																										fr	45		
207.80																										sr	20	Carbonates	
208.00																										fr	35		
208.50																										sr	0	Carbonates	
208.65	209.10	0.45						cr																qz	fd			Isoclinal folds	
209.10																											gc	35	QVN-Volcanics
209.70																										sr	20	Qz	
209.85																										fr	45		
211.40																										fr	85		
211.50																									qz	cb			1.5 cm thickness
211.50					QVN			wt																			gc	15	QVN-Volcanics
212.65					QVN			wt																		qz	cb		1 cm thickness
212.65																											gc	15	QVN-Volcanics
212.80																										sr	30		
213.00																										fr	45		
213.70																										sr	20		
213.70																										sr	45	Crosscut	
214.50	215.00	0.50																											
215.05																											fr	70	
216.00																											fr	60	
216.10																										fr	55		
216.50																										fr	70		

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS	
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA		
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy				Vein Type
216.95																									fr	65		
217.45																										fr	70	
217.30	286.05	68.75	3B	vbx																								
218.00																										fr	70	
218.65																										fr	45	
221.55																										fr	60	
221.60																										fr	55	
223.20				QVN				wt												qz		cb				gc	45	1. cm thickness
223.20																												QVN-Volcanics
223.85	224.00	0.15		QVn				wt	cr											qz		cb						13 cm thickness
223.85																										gc	65	QVN-Volcanics
224.00																										gc	75	QVN-Volcanics
224.65													1		1											fr	55	
224.85	225.00	0.15		QVN				wt	cr											qz		cb						12 cm thickness
224.85																										gc	80	QVN-Volcanics
225.00																										gc	70	
225.90													1		1											fr	60	
227.35													1		1											sr	50	Carbonates
228.15													1		2											sr	60	
228.55	228.60	0.05		QVN				wt	cr											qz		cb						4 cm thickness
228.55	228.60	0.05																								gc	80	QVN-Volcanics
229.20	229.40	0.20		QVN				wt	cr											qz		cb	cl					17 cm thickness
229.20																										gc	65	QVN-Volcanics
229.40																										gc	70	QVN-Volcanics
229.90													1													sr	55	
230.50																										fl	35	
230.65													1													fr	70	
231.45													1													fr	65	
231.50																										fl	35	
231.70																										fr	70	
231.75																										fr	55	
232.10													1													fr	70	
232.20																										sr	15	
232.95													1													fr	55	
233.50																				qz						vl	20	0.3 cm thickness
233.75																										fr	60	
233.85													1		1											sr	75	
234.40																										fr	55	
234.65																										fr	65	
235.00													1													fr	60	
235.55													1													fr	55	
235.80																										fr	65	
236.85													1		1											sr	70	
236.95													1													sr	65	
237.45													1		1											sr	65	
237.95													1													fr	55	
238.40													1													sr	15	
238.70													1													fr	60	
239.40													1													fr	35	
239.50													1													fr	35	
239.50																										fl	35	Perpendicular
239.90													1													fr	55	
240.05													1													fr	45	
240.15													1													fr	60	
240.85													1													fr	55	
240.95													1													fr	60	
241.55	241.70	0.15		QVN				wt	cr											qz		cb						13 cm thickness
241.55																										gc	75	QVN-Volcanics
241.70																										gc	80	QVN-Volcanics
241.90													1													fr	55	
242.20													1													fr	70	
242.45													1													fr	55	
243.10													1													fr	55	
243.75				QVN				wt	cr												qz		cb					2 cm thickness
243.75																										gc	65	QVN-Volcanics
244.10																										fr	35	
244.50																										fr	35	
246.05													1													sr	60	QZ-Cb
246.15	246.20	0.05		QVN				wt	cr												qz		cb					6 cm thickness
246.15																										gc	75	QVN-Volcanics
246.20																										gc	80	QVN-Volcanics
246.75				QVN				wt	cr												qz		cb					1 cm thickness
246.75																										gc	75	QVN-Volcanics
247.45																										fr	65	
247.85													1													fr	70	
248.35																										fr	55	
249.50																										fr	75	
249.60																										fr	74	
250.40																										fr	65	

Depth			Rock Type					Colour			ALTERATION							Mineralisation						Structural Measurements		COMMENTS	
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity					Code			Sulphide			Veins			Structure / Contact		ACA
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy		Vein Type	
250.70																							fr	65			
251.00																								fr	45		
251.50																								fr	35		
252.55																								fr	40		
252.70																								vl	70	0.5 cm thickness	
252.85				QVN				wt	cr														qz	cb		2 cm thickness	
252.85																								gc	65	QVN-Volcanics	
253.30																								fr	70		
253.60																								fr	35		
254.00																								fr	45		
254.35																								fr	55		
255.10																								fr	55		
255.30																								sr	50		
256.00																								fr	30		
256.35																								fr	35		
257.30																								fl	35		
257.35																								fr	35		
257.90																								fr	55		
258.65																								fr	50		
258.95																								fr	50		
259.35																								fr	65		
260.35																								fr	60		
260.90																								fr	60		
261.70																								fr	60		
262.25																								fr	55		
262.60																								sr	5	Qz + Cb	
264.30																								fl	40		
264.60																								sr	75	Qz + Cb	
265.75																								fr	25		
266.80																								fl	35		
267.15																								fr	80		
268.00																								fr	50		
269.35																								fr	50		
269.40																								fl	35		
270.30																								fr	30		
270.80																								fr	60		
270.85																								fr	30		
271.00																								fr	20		
271.70																								fr	50		
272.10																								fr	50		
271.20				QVN				wt	cr															qz	cb	3.5 cm thickness	
271.20																								gc	75		
272.60																								fr	45		
272.50																								fl	35		
274.20																								fl	35		
274.40																								fr	45		
274.50																								fr	45		
275.50																								fr	70		
276.00																								fr	35		
276.60																								sr	5	Cb	
277.00																								vl	5	3 mm thickness	
276.80																								fr	65		
277.50																								sr	35	Cb	
278.80																								fl	40		
279.55				QVN				wt	cr															qz	cb	3 cm thickness	
279.55																								gc	70	QVN-Volcanics	
280.80	280.85	0.05		QVN				wt	cr															qz	cb	6 cm thickness	
280.80	280.85	0.05																									QVN-Volcanics
281.40																									gc	75	
282.30																								fr	40		
282.30																								fr	15		
282.40																								fr	60		
282.90																								fr	75		
282.95																								fr	75		
282.95																								fr	25	Crosscut	
283.65																								fr	50		
284.15																								vl	0		
284.20																								qz	cb		
284.20																								fr	55		
284.55																								fl	35		
284.75																								vl	75	0.3 cm thickness	
285.30																								sr	5	Qz + Cb	
285.65				QVN				wt	cr															qz	cb	2 cm thickness	
285.65																								gc	80	Hornblende oriented following s1. second generation of cx aggregates. Po associated with this generation.	
286.05	288.80	2.75	3P	3	p																			po	0.01	do	
286.50																									fr	40	
287.10																									fr	25	
287.30																									sr	65	Crosscut
287.30																									fr	40	
287.40																									fr	60	
287.60																									fr	60	

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
287.70																							fr	25			
287.60	290.40	2.80		FRZ																			sr	30			
287.60	289.10	1.50																					sz				
287.90																							sr	80			
287.90																							sr	40			
288.10																							fr	70			
288.20																							fr	60			
288.30																							fr	60			
288.30																							fr	30			
288.50																							sr	60			
288.50																							sr	15			
288.60																							sr	60			
288.80	303.20	14.40	3R																								
289.00	290.40	1.40		FZ																							
289.50	290.40	0.90		QVN				wt	grl													qz	bx	cb	cl	80 % Qtz	
290.40																							gc				
289.60																							fg				
290.40	292.15	1.75		QVN				wt	grl													qz	vs	cb		40% veins. Irregular. Brecciated.	
290.50	290.60	0.10		QVN				wt	cr													qz	vn	cb		8 cm thickness	
290.50	290.60	0.10																					gc				
291.50				QVN				wt	cr														qz		cb		3 cm thickness
291.50																							gc				QVN-Volcanics
291.70	292.20	0.50		QVN				wt							1								qz		cb		35 cm thickness
292.20	303.20	11.00		3	p																						
292.80																								fl			
292.80				QVN				wt	cr																		
292.95																							qz		cb		0.8 cm thickness
292.95																							gc				
294.15																	1	po	0.01	bl	do						
294.15																							fr				
294.50																							fl				
294.60																							fr				
294.30																							fr				
295.00																							fr				
295.10																							fr				
295.10																							fr				
295.35																							fr				
295.15	295.30	0.15		QVN				wt	cr														qz		cb		11 cm thickness
295.15																							gc				QVN-Volcanics
295.30																							gc				QVN-Volcanics
296.60	297.20	0.60		FRZ																							
296.60																							fr				
297.00																							fr				
297.20																							fr				
297.80																							fr				
298.10	298.40	0.30		QVN				wt	cr														qz		cb		18 cm thickness
298.10	298.40	0.30																					gc				QVN-Volcanics
298.50																							fr				
299.10																							fr				
299.90																							fr				
300.90																							fr				
300.80																							fr				
301.60																							fr				
302.70																							fr				
303.20	319.80	16.60	3B	vbv																							
303.50	303.65	0.15		QVN				wt	cr														qz		cb	cl	11 cm thickness
303.50	303.65	0.15																					gc				QVN-Volcanics
304.05																							fr				
304.45																							fr				
305.00				CBN				wt															py	0.01	do	bl	2 cm thickness
305.00																							gc				CBN-Volcanics
305.00																							fg				
305.45																							vl				Cb
305.55				CBN				wt	cr														cb	flm	qz		1.5 cm thickness
305.55																							gc				CBN-Volcanics
306.40				CBN				wt	cr														cb		qz		0.5-1 cm thickness
306.40																							gc				CBN-Volcanics
306.90	307.15	0.25		FRZ																							
306.90																							fr				
307.00																							fr				
307.15																							fr				
307.40																							fr				
307.65																							fr				
307.85																							fr				
307.85																							fr				
308.10																							fr				
308.10																							fr				
308.25																							fr				
308.40																							fr				
309.10																							fr				
309.20																							fr				
309.60																							fr				

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS		
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA			
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy				Vein Type	Main Accessory Mineralogy
388.75																									fl	30			
388.60																									fr	60			
388.90																									sr	25	Cb		
389.30	389.60	0.30																							sz		Cb irregular. 5% stringers.		
389.30																									sr	50	Perpendicular. Cb + Talc		
389.30																									sr	50			
389.40																									fr	45			
389.60																									fr	40	Perpendicular.		
389.60																									ft	20			
389.60	390.10	0.50			FZ																								
390.10																									fg	35			
390.10																									ft	15			
390.05																									sr	15	Cb + Qz		
390.95					QVN			wt	cr																		1.5 cm thickness		
390.95																									gc	80			
391.05																									fr	50			
391.70																									fl	35			
392.05					CBN			cr																			2 cm thickness		
392.05																									gc	35			
393.50																									sr	15	Cb		
393.70	449.40	55.70	3MX																										
393.90																									fr	50			
394.00																									fr	15			
394.10																									fr	40			
394.35																									fr	15			
395.05																									fr	55			
395.45	395.60	0.15		3	fg																								
396.00																									fr	25			
396.70																									fl	35			
397.70																									fl	30			
398.00																									fr	20			
398.35	398.55	0.20																						po	1.00	do			
399.30																									fl	35			
399.50																									sr	15	Cb. 0.3 cm thickness		
399.80																									sr	15	Irregular. Lenticular		
400.20																									sr	5	Two of them. Separation between them is 3 cm		
401.00																									fr	15			
401.30																									fl	35			
402.85	403.15	0.30						cr																			Irregular. 40% silicification. Cream colour in green rock.		
403.60																									vl	15	Qz. 0.5 cm thickness		
403.90																									vl	15	Cb+Qz. 0.3 cm thickness		
404.05																									fr	45			
404.60																									fr	45			
406.40																									sr	25	Cb		
406.50	406.85	0.35		3	fg																				py	0.01	do		
407.45	408.10	0.65		3	xn																						Dark xenolites. Irregular distributed. Porphyritic. Black matrix + Pg phenocx.		
408.80																									fl	30			
409.00																									fr	45			
409.15					QVN			wt	cr																qz	cb	2.5 cm thickness		
409.15																													
409.60	409.70	0.10			QVN			wt	cr	grl															qz	cb	cl	8 cm thickness	
409.70																													
409.75					QVN			wt	cr																qz	cb	0.5 cm thickness		
409.75																													
409.85					QVN			wt	cr																qz	cb	0.3 cm thickness		
409.85																													
410.00					QVN			wt	cr																qz	lt	cb	cl	0.4 cm thickness
410.00																													
410.45	410.60	0.15			QVN			wt	cr																qz	cb	cl	13 cm thickness	
410.45	410.60	0.15																											
410.70	410.75	0.05			QVN			wt	cr																qz	lt	cb	cl	3-6 cm thickness.
410.70	410.75	0.05																											
410.70	410.75	0.05																							gc	65			
411.10																									gc	85			
411.30	411.55	0.25						cr																	sr	15	Cb		
411.30																											40% silicification. Creme colour. Following s1. Irregular.		
411.55																									fl	35			
411.60					CBN			wt																	cb	qz	0.5-1 cm thickness		
411.60																													
411.80					CBN			wt																	cb	qz	1-4 cm thickness		
411.80																													
412.30					CBN			wt	cr																cb	qz	1.5 cm thickness		
412.30																													
412.55																									gc	60			
412.60																									vl	65	Qz		
412.90																									sr	15	Cb		
413.10																									fr	40			
413.45																									fr	45			
413.80	414.15	0.35																							fr	45			
414.90																									sz	5	Cb. 5% stringers		
																									fl	50			

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity						Sulphide			Veins				Structure / Contact	ACA		
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture			Vein Mineralogy	
415.05																							fr	60			
415.30																							fl	35			
415.50														1		1							sr	25			
415.70																							fr	25			
415.40	417.20	1.80		3	fg																						
416.25	416.40	0.15															po	0.01	do								
416.40	416.55	0.15						cr																	irregular. 60 % silicification		
416.55																							fr	45			
416.80																							fl	15			
417.30																							vl	15	Qz + Cb		
417.80	419.30	1.50		3	fg																						
417.70																							vl	75	0.5 cm thickness		
418.30																							fr	35			
418.70	419.10	0.40						cr								py	0.01	do				qz			50% silicification		
418.85				QVN				wt																		0.5-1 cm thickness	
418.85																							gc	70			
418.70	419.10	0.40																					sz	70	milimetric stringers. Qz.		
420.40																							vl	35	1 cm thickness		
420.80	420.85	0.05		QVN				wt	cr													qz	cl			4 cm thickness	
420.80																							gc	75			
420.85																							gc	80			
421.55																							fr	15			
421.70				QVN				wt	cr													qz	cb	cl		2.5 cm thickness	
421.70																							gc	80			
419.30	426.10	6.80		3	xn																					Black xenolites-intrusions. Basic?	
422.50																							fl	40			
422.80																							sr	45	Qz		
424.10	424.30	0.20						gr	cr																		
424.20				QVN				wt	cr																	0.7 cm thickness	
424.20																						qz	cb				
424.10	424.30	0.20																					gc	50			
424.80																							sz	50	8 % stringers		
425.70																							fl	35			
426.10	428.00	1.90		3	fg																		fl	35			
427.40																											
428.50								grl															vl	45	Qz. 0.5 cm thickness		
429.25				QVN				wt														qz	lt	cb	cl	1.5 cm thickness	
429.40																							fl	35			
430.10																							sr	25	Qz. 0.5 cm thickness		
430.40																							vl	15	0.3 cm thickness		
430.40																							vl	85	0.7 cm thickness		
430.95	431.00	0.05		QVN				wt	cr													qz	lt	cb	cl	2-6 cm thickness	
430.95																							gc	90			
431.00																							gc	45			
431.10	431.15	0.05		QVN				wt	cr													qz	lt	cb	cl	3-5 cm thickness	
431.10																							gc	50			
431.15																							gc	75			
431.40																							fr	45			
431.65																							fr	25			
431.90	432.25	0.35		QVN				wt	cr													qz	cb	cl		22-25 cm thickness. Milimetric fragments of shales in the contact.	
431.90																							gc	80			
432.25																							gc	45			
432.45				QVN				wt	gl													qz				1 cm thickness. Fragments of shales	
432.45																							gc	75			
432.60																							fr	75			
432.70																							fr	15			
433.35				QVN				wt	grl													qz	cl			1 cm thickness.	
433.35																							gc	80	fragments of shales		
433.70	437.85	4.15		3	fg																						
434.50																							fr	5			
434.50																							fr	75	Perpendicular		
434.60	435.40	0.80			3																						
435.00	435.15	0.15		QVN				cr	wt													qz	cb	cl		2-4 cm thickness	
435.15	435.30	0.15		CBN				wt														cb	vs	qz		Irregular	
435.45				QVN				cr	grl													qz		cl		0.5-1.5 cm thickness	
435.45																											
435.65																							gc	70			
435.75																							fr	45			
436.35																							vl	65	0.5 cm thickness		
436.35																							vl	50	0.5 cm thickness		
436.45	436.70	0.25		QVN				wt	cr													qz	cb	cl		21-24 cm thickness.	
436.45																							gc	75			
436.70																							gc	60			
437.20																							vl	65	0.5 cm thickness.		
437.30																							vl	60	1 cm thickness		
435.80	437.45	1.65			3																						
437.45	437.55	0.10		QVN				wt	cr													qz	cb			9-11 cm thickness	
437.45																											
437.55																							gc	80			
437.55																							gc	65			
437.60				QVN				wt														qz				2 cm thickness	

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
481.30																							vl	15	Cb. 0.1 cm thickness.		
481.30																							sr	50	Chert filling		
481.40																							sr	10	Cb		
481.65																							fr	35			
481.80	482.30	0.50		3	fg																						
482.20				QVN				wt															qz	cb		5 cm thickness	
482.20																							gc	10	QVN-Volcanics		
482.35																							fr	20			
482.50																							vl	60	Qz+Cb. 0.5 cm thickness		
482.75																							fr	20	Conjugated		
482.75																							fr	15			
483.10																							fr	30	Mn in surface		
483.10																							fr	15			
483.50																							fr	35	Mn in surface		
483.95				QVN				wt	cr														qz	cb		1 cm thickness	
483.95																							gc	45			
484.55																							fr	5			
484.75																							fr	50			
485.25																							fr	35			
485.40																							fr	60	Mn filling		
485.45																							vl	65	0.5-1 cm thickness. Chert		
486.45																							fr	55	Mn in surface		
486.70																							fr	65			
486.25	490.20	3.95		3	fg																						
487.00	487.50	0.50																					sz	35	Mn Chert filling in stringers. 4% stringers		
487.55																							fr	60			
487.85																							fr	15	Mn filling		
487.90																							fr	60			
488.10																							fr	20			
488.15																							vl	45	Qz + Chert		
488.35																							fr	45			
488.55				QVN				wt	cr														qz	cb		0.7-1 cm thickness	
488.55																							gc	65			
489.00				CBN				wt	grl														gc	0	unknown		
489.25	489.30	0.05		QVN				wt	cr														qz	cb	cl	6-7 cm thickness	
489.25	489.30	0.05																					gc	65			
490.00				QVN				wt	cr														qz	cb		0.8 cm thickness	
490.00																							gc	60			
490.90				QVN				wt	bl														qz	cl		Mn. 0.8 cm thickness	
490.90																							gc	55			
491.20																							sr	15	Cb		
491.35				QVN				wt															qz	cb		1 cm thickness	
491.35																							gc	25			
491.90	492.00	0.10		QVN				wt	cr														qz	cb		8 cm thickness	
491.90	492.00	0.10																					gc	60			
492.80																							sr	15	Mn filling		
493.10																							sr	15	Cb		
493.65																							fr	75	Mn filling		
494.25																							fr	35	Mn filling		
494.80																							fl	35			
495.15																							fr	65			
495.35																							vl	55	0.3 cm thickness		
496.25				QVN				wt	cr														qz	cb		3-3.5 cm thickness	
496.25																							gc	65			
496.50																							vl	60	Qz + Cb. 0.2 cm thickness		
496.50																							sr	15			
496.75																							sr	20	irregular		
497.20																							fl	30			
483.05				QVN				wt															qz	lt	cl		
483.05																							gc	15			
497.50																							sr	25			
497.65																							fr	35			
497.95																							vl	25	0.2 cm thickness		
498.35																							fr	60			
498.20																							sr	15	Cb		
498.45																							vl	35	Qz. Lenticular		
498.45																							fr	60			
498.90	499.25	0.35																					sz	35			
498.90																							sr	35	Cb		
499.10																							vl	15	0.4 cm thickness. Cb		
499.25	499.35	0.10		QVN				wt	cr														qz	cb		10 cm thickness	
499.25																							gc	80			
499.35																							gc	75			
499.60																							vl	20	0.3 cm thickness. Folded. Cb.		
499.60																							vl	15	Opposite. Cb. Folded.		
499.90																							fr	45			
500.30																							fr	35			
500.30	502.95	2.65		3	fg																						
500.45																							fr	45			

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS			
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity					Code				Sulphide			Veins					Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy	Vein Type	Main Accessory Mineralogy				Secondary Accessory Mineralogy
500.60																									fl	35				
500.45	501.75	1.30																												
501.10	501.25	0.15		QVN				wt	cr															qz	cb	cl				
501.10	501.25	0.15																									gc	65		
502.15																											fr	45		
502.25																											fl	25		
502.75																											vl	55	Qz. 0.3 cm thickness	
502.80																											fl	30		
502.80				QVN				wt																	qz				2 cm thickness	
502.95																											gc	30		
503.35																											sr	45	dark grey	
504.00																											fr	40		
504.20																											fr	60		
504.30																											fr	70		
504.85																											sr	50	dark grey	
504.95																											sr	20	dark grey	
505.35																											fr	70		
505.70																											sr	15	irregular. Folded. Dark grey	
505.75																											fr	75		
506.00																											vl	25	Qz. 0.5 cm thickness	
505.95	506.50	0.55		3	fg																									
506.15																											sr	20	Qz. Dark grey	
506.15																											vl	25	Qz. Opposite. 0.6 cm thickness	
506.30																											vl	25	0.5 cm thickness. Qz	
506.30																											fr	65		
506.35																											fr	55		
506.50																											fr	65		
506.55																											fr	15	Qz. Dark grey	
506.80																											py	0.01	do	
506.80																											py	0.01	do	
506.80																														
507.15																											fr	60		
507.20																											fr	45		
508.05																											sr	35	Qz + Mn	
508.35																											sr	55	Qz + Mn	
508.40																											sr	20	Qz + Mn	
508.65																											sr	25	Qz + Mn	
508.95																											sr	25	Qz + Mn	
509.00																											sr	15	Cb	
509.10																											fr	45		
509.15																											sr	50	Qz + Mn	
509.35																											fl	35		
509.50																											sr	15	Qz + Mn	
509.50																											sr	65	Qz + Mn	
509.85																											sr	20	Qz + Mn	
509.90																											sr	55	Qz + Mn	
507.40	509.90	2.50		3	fg																									
510.05																												fr	75	
510.10																											sr	45	Qz + Mn	
510.45																											fr	75		
510.70																											sr	5	Qz + Mn	
510.80																											fl	40		
511.30	515.20	3.90		3	fg																									
511.70																											sr	60		
511.75																											sr	45	Qz + Mn. Conjugated	
511.80																											fr	35		
512.20																											fr	60		
512.25																											sr	35	Qz + Mn.	
512.35																											sr	45	Qz + Mn	
512.80																											fr	20		
513.05																											fr	45		
513.15																											fr	75		
513.60																											fr	75		
513.65																											sr	35	Qz + Mn	
514.00																											fr	75		
514.05																											sr	35	Qz + Mn	
514.40																											fl	25		
514.60																											fr	45		
514.60																											fl	35		
515.20	516.20	1.00																												
515.85																											sr	35	Silicification of Pg	
516.20	519.05	2.85		3	fg																									
516.90	517.30	0.40																												
517.05				QVN				wt																		qz	lt			1 cm thickness
517.05																														
517.30																											gc	70	QVN- Volcanics	
520.10																											fl	30		
519.30				3	fg																									
519.80																												fr	80	
520.20																												sr	35	Folded

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
520.35																								sr	30		
520.80																								sr	15	Cb	
520.60																							fl	30			
521.00	521.20	0.20			3	mn		bl	wt			3															
521.25												1				1								fr	80		
521.30																								sr	15	Cb	
521.45																								fr	70		
521.75	522.00	0.25						grl				3															
521.90																								sr	75	Qz	
521.95					QVN			wt															qz			3 cm thickness	
521.95																								gc	65	QVN-Volcanics	
522.10	523.00	0.90										1														WEAKLY SILICIFICATION	
523.00	524.25	1.25										2															
523.00															1									fr	45		
522.75																								fr	55		
523.50																								sr	35	Cb	
523.60												1			1									fr	30		
523.90															1									fr	55		
524.10																								sr	15	Qz	
524.30	524.60	0.30										1															
525.20	528.15	2.95		3	fg			grl				1															
524.90																								fl	25		
525.30															1									fr	60		
525.45															1									fr	55		
525.65															1									fr	50		
525.70															1									fr	70		
525.90															1									fr	80		
526.00															1									fr	70		
526.15															1									fr	70		
526.15															1									sr	15	Cb	
527.10															1									fr	50		
527.15															1									fr	50		
527.20															1									fr	50		
527.30															1									fr	50		
527.55															1									sr	50		
527.90																								fl	30		
528.15	535.90	7.75		3	vbx			gr																		Felsic and black fragments	
529.10															1									fr	50		
530.30															1									fr	50		
530.70															1								py	0.01	do		
531.10																								fr	15		
531.85															1									fl	30		
531.90															1									fr	50		
532.05	532.50	0.45				mn		bl	wt																	Fragment of breccia. Py-marcasite?. Sulphides in black spot following little fractures	
532.20																											
532.50																								fr	55		
533.05															1									py	0.01	do	
533.20																									fr	25	
533.45															1										fr	30	
533.60															1									fr	90		
533.70															1									fr	65		
533.85															1									fr	55		
533.95															1									fr	40		
534.90	535.10	0.20																								subrounded	
535.00															1										fr	30	
535.40															1										fr	45	
535.70																								fl	25		
536.15															1									fr	25		
536.45																								fr	35		
536.45																								fr	50	conjugated	
536.60															1									fr	55		
537.40															1									fr	65		
537.75															1									fr	75		
538.10																								fl	60		
539.05																								fl	45		
539.50																								fl	30		
541.00																								fl	30		
541.75																								fr	25		
535.90	548.30	12.40		3	fg										1												
541.20	543.10	1.90				hb	pg	gr																			
543.85															1										fr	25	Qz + Cb + Talc filling fault. 0.5 cm thickness
545.00																											
545.65																											
545.75															1										fr	35	CB
546.05																								fr	75		
546.15																								fr	35		
546.30																								fr	35		
546.35																								fr	15		
546.45																								fr	45		

Depth			Rock Type					Colour			ALTERATION							Mineralisation					Structural Measurements		COMMENTS				
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity				Code			Sulphide				Veins					Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy		Vein Type			Main Accessory Mineralogy
546.70																								fr	35				
546.85																									fr	35			
547.05																									fr	45			
547.95																									fr	15			
548.30	551.00	2.70	3B	3	vbx																								
548.85																									vl	15			
548.30																									fl	25			
548.95														1											sr	55	Cb		
549.45																									sr	5	Cb		
549.55														1											fr	75			
550.20														1											fr	75			
550.40																									sr	25			
550.40																									sr	65	Conjugated		
550.50														1											fr	65			
560.60														1											fr	45			
550.90																									sr	25	Cb		
551.00	551.15	0.15						cr							3										fl	35			
551.15																									sr	15	Cb		
551.50																													
551.50	556.30	4.80	FZ	FRZ																									
551.00	555.80	4.80		3	fg																								
552.00														1											ft	5			
554.30																									ft	25			
554.30																1									fr	20			
554.70																									fl	30			
554.70				13																							2.5 cm thickness		
554.70																									gc	30			
554.90																1									fr	15			
555.10														1		1									sr	30			
555.20														1											fr	35			
555.00	555.45	0.45												1		1									sz		5% stringers		
555.45														1		1									sr	15			
555.60																									fr	55			
556.10														1		1									fr	35			
555.00	563.15	8.15		3	vbx																						felsic fragments		
555.95																									sr	20	Qz		
555.70	556.10	0.40						grd								2													
556.00																									fl	35			
556.20																									fr	15			
556.30	563.15		3B																										
556.65																									fr	25			
556.85																1									fr	55			
556.70																1									fl	30			
556.90																1									fr	40			
557.10																1									fr	45			
557.35																									fr	45			
557.50																1									fr	45			
557.75																1									fr	50			
558.05																									fr	45			
558.10								wt																	sr	20	Qz		
558.15	558.60	0.45						gr	cr							2											Silicification		
558.25				QVN				wt	cr																		1 cm thickness		
558.25																									gc	55	QVN-Volcanics		
558.30								wt	cr																vl	55	0.5 cm thickness		
558.40								wt	cr																sr	65	Qz + Cb		
558.45								grl																	sr	45	Cb		
558.60				QVN				wt	cr																	qz		1-2 cm thickness	
558.60																												QVN-Volcanics	
558.80								wt																		sr	25	Qz + Chert	
559.50	559.70	0.20																							sz		Qz. 10% stringers		
559.60																									sr	55	Qz		
559.70				QVN				wt																		qz		0.5 - 1 cm thickness	
559.70																												QVN-Volcanics	
560.25																1									fr	55			
560.60																1									fr	20			
560.95																1									fr	60			
561.20																1									fr	55			
561.85																		py	0.01	do					fr	45			
563.05	563.15	0.10						wt	cr																	qz		9 cm thickness	
563.05																												QVN-Volcanics	
563.15																										gc	80	QVN-Volcanics	
563.15	577.00	13.85	3MX	3	fg			gr	gl							1													
563.30								gr	gl																	fl	30		
564.35								wt																		sr	15		
564.95																										fr	35		
565.45																										fr	45		
566.00	568.70	2.70																										milimetric spots floating in matrix	
566.00	568.70	2.70																										milimetric spots floating in matrix	
566.55																									fr	45			

Depth			Rock Type					Colour		ALTERATION							Mineralisation					Structural Measurements		COMMENTS		
										Alteration Intensity				Code			Sulphide				Veins				Structure / Contact	ACA
										Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour																			
569.30																			fr	50						
569.70																			fr	25						
569.85																			cb	qz	cl	1 - 2 cm thickness				
569.85																			gc	5	CBN-Volcanics					
570.40	571.60	1.20																	sz			Cb. 8% Stringers				
570.40																			sr	30		Cb				
571.50																			sr	15		Cb				
570.80																			sr	25		Cb				
571.00																			fr	45						
571.25																			sr	40		Cb				
571.60																			sr	60		Cb				
572.05																			fr	65						
572.50																			fr	35						
573.00																			fr	30						
573.20																			sr	25		Qz				
573.60																			fr	45						
573.45																			sr	20		Qz				
574.70																			fr	40						
574.95																			qz	cb		0.5 - 1 cm thickness				
574.95																			gc	75		QVN-Volcanics				
575.00	575.10	0.10																								
575.00	575.10	0.10																	gc	70		QVN-Volcanics				
575.30																			fr	70						
575.40																			qz			0.5 cm thickness. Fractured "en echelon"				
575.40																			gc	20		QVN-Volcanics				
576.90																			fr	50						
577.00	590.00	13.00	3B	3	vbx																					
577.35																			fr	55						
577.45																			fr	65						
577.70																			fr	60						
578.50																			fr	25						
578.65																			vl	85		Qz + Creme Cb				
578.70																			fr	55						
578.95	580.10	1.15																				Irregular. Silicification				
579.10																			fr	55						
579.35																			fr	60						
580.40	580.75	0.35																	py	0.01	do		Py in a little fracture plane			
580.50																			fr	40						
580.90																			fl	35						
581.90																			fr	45						
582.80																			qz	vl	cb		0.4 cm thickness			
582.80																			gc	85						
582.80																			sr	50						
583.10																			fr	45						
583.00																			fl	35						
584.25																			fr	50						
584.40																			fr	60						
584.60																			fr	60						
584.70	584.75	0.05																	qz	cb	cl		6 cm thickness			
584.70	584.75	0.05																	gc	80						
584.95	585.05	0.10																	qz	cl	cb		2 - 4 cm thickness. 25 % Cl			
584.95																			gc	15						
585.05																			gc	25						
585.00																			qz	cb			0.8 cm thickness			
585.00																			gc	50						
585.15																			fr	55						
585.50																			qz	cl	cb		1.5 cm thickness. 20 % Cl			
585.50																			gc	25						
585.95	586.05	0.10																	qz	cb			8 cm thickness			
585.95	586.05	0.10																	gc	60						
586.20																			fr	25						
586.35																			qz	cb			3 cm thickness			
586.35																			gc	55						
587.20																			fl	25						
587.35																			fr	45						
587.75																			vl	70			0.2 cm thickness.			
588.00																			fr	35						
588.00																			fr	45						
588.05	588.15	0.10																	fr	45			4 fractures separated 3.5 cm.			
588.25																			fr	65						
589.05																			fr	55						
589.10																			fr	45						
589.15																			fr	45						
589.35																			fr	55						
589.40																			fr	30						
589.55																			qz	cb			1.5 cm thickness.			
589.55																			gc	60						
589.60																			qz	cb			0.7 cm thickness			
589.60																			gc	75						
589.80																			sr	20			Cb			

Depth			Rock Type					Colour			ALTERATION						Mineralisation						Structural Measurements		COMMENTS			
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity						Sulphide			Veins			Structure / Contact	ACA				
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture				Third Texture	Vein Mineralogy	Vein Type
590.15																							fl	30				
590.35																							fr	60				
590.50																							fr	5				
590.90	591.20	0.30						cr																		Silicification. 6 cm thickness		
590.90	591.20	0.30																									Silicification. Volcanics.	
590.00	663.05	73.05																										
590.00	597.90	7.90	3B	3	vbx																							
591.20																							fr	15				
591.40																							fr	15				
591.45																							fr	45				
591.90																							fr	50				
592.05																							fr	75				
592.25																							fr	50				
592.15																							sr	15	Qz			
592.60																							fl	30				
592.70																							fr	35				
592.80																						cb	lt	qz				
593.30																							vl	15				
593.75																							fl	20				
594.30																							fr	35				
594.50																							fr	60				
594.50	597.90	3.40			13	fg		grd															fl	35				
594.50	597.90	3.40			13	fg		grd															fl	35			Milimetric intercalations increasing to centimetric from 597.90 m depth	
595.10																												
595.10																							fl	20				
594.90																							fr	65				
595.60																							fr	60				
596.15																							fl	35				
596.25																							fr	55				
596.30																							fl	30				
597.25																							fr	60				
597.60																							fl	25				
597.65																							fr	60				
598.10																							fr	10				
597.90	615.20	17.30	3C		13	cg		grd	bl												py	0.01	do				centimetric intercalations. Isoclinal folded. Schlieren. 15 % black (Mn) intercalations.	
598.40				QVN				wt	cr														qz	flm	cb		1 - 3 cm thickness. Irregular.	
598.40	599.10	0.70			3	am																					Volcanics. Normal as a whole rock.	
598.40	599.10	0.70			3	am																	fr	55			Volcanics. Normal as a whole rock.	
599.35	599.40	0.05		QVN				wt	cr														qz	flm	cb		0.5 - 2 cm thickness	
599.35	599.40	0.05		QVN				wt	cr														gc	65				
600.50																							fl	20				
601.30																							fr	85				
601.80																							fr	80				
602.25																							fr	75				
602.70																							fr	40				
602.95																							fr	15				
603.20																							fl	30				
603.80																							fl	30				
603.90																							fr	80				
604.20																							fr	55				
604.50																							fr	65				
604.45																							fr	45				
605.00																							fl	35				
604.85																							fr	50				
605.10																							fr	50				
605.10	605.25	0.15		FRZ																			fr	55				
605.35																							fr	35				
605.70	605.85	0.15		FRz																			fr	40				
605.85																							fr	60				
605.80				CBN				wt															cb	lt			0.2 cm thickness	
605.80																							gc	45				
606.15																							fl	15				
606.30																							fr	65				
606.40																							fr	55				
606.60																							fl	30				
607.40				QVN				cr															qz	lt	cb		1.5 cm thickness	
607.40																							gc	45				
608.00																							fl	25				
608.30																							fl	30				
608.35																							fr	55				
609.25																							fr	55				
609.60																							fl	35				
610.10																							fr	60				
610.50																							fl	30				
610.70																							fl	30				
611.25																							fr	45				
611.65																							fr	30				
610.50	612.80	2.30			3	am																					Normal grain size. Same rock type.	
612.20																							sr	15			Dark Qz	
612.65																							sr	25			Chert	

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
632.35																								sr	30	Cb	
632.75																								sr	25	Cb	
632.85																								sr	35	Cb. Opposite	
632.85																								sr	20	Cb. Opposite	
632.90																								fr	50		
633.10																								fl	35		
633.45																								sr	25	Cb	
633.60																								sr	5	Cb	
633.70																								fl	35		
634.10																								fr	50		
634.20																								fr	65		
634.25																								sr	30	Cb	
634.30																								sr	25		
633.45	634.65	1.20						wt																sz		Cb. Milimetric. Lenticular. 3 % Stringers.	
634.40																								fr	35		
634.65	635.00	0.35																						sh	20	Cb. 17 cm thickness	
636.10																								fl	35		
636.20																								fr	45		
636.30																								fr	45		
636.90																								fl	35		
638.10																								sr	35	Qz	
638.30																								fr	45		
638.35	638.45	0.10						grd	bl															py	0.01	do	Cb + Hem
638.75																								fr	20		
639.05																								fl	30		
639.40																								fr	35		
639.45																								fr	30		
639.60	639.75	0.15		13				cr	bl															py	0.01	do	White & Black Chert spots.
639.60	639.75	0.15																						po	0.01	do	White & Black Chert spots.
639.60	639.75	0.15																						cpy	0.01	do	White & Black Chert spots.
640.55																								sr	30	Qz	
640.60																								sr	35	Qz	
641.20	641.40	0.20		QVN				tr	cr															qz	lt		15 % Qz. Several lenses.
641.20																								gc	35		QVN-Volcanics
641.30				QVN				tr																qz	lt		1 cm thickness maximum
641.30																								gc	20		
641.60																								fr	0		
641.80																								fr	45		
641.80	641.85	0.05		13																							Black chert spot
642.20																								fl	35		
643.15	643.25	0.10						gl																			Silicification 6 - 8 cm
643.00																								fl	30		
643.60				QVN				tr																qz	lt		1 cm maximum thickness. flamboidified
643.60																								gc	50		Lens - Volcanics
643.75	643.90	0.15						tr																sz	40		Qz. 8% stringers
644.95																								fr	45		
645.80																								fr	35		
646.20																								fr	25		
646.45																								fr	55		
646.80																								fl	35		
647.15																								fr	65		
647.50																								fr	60		
647.90																								fl	35		
648.35				13				wt	bl															gc	35		Chert band. Net contact. 1.5 cm thickness.
648.65																								fr	75		
648.80																								fr	30		
648.95																								fr	75		
648.90																								fl	35		
649.25																								fr	60		
649.40																								fl	35		
649.60																								fr	45		
649.70																								fr	45		
685.00				QVN				tr																qz	lt		0.5 cm thickness
685.00																								gc	35		
685.10																								fl	35		
685.15																								fr	60		
651.20																								fr	35		
651.30																								fl	30		
651.85				QVN				tr																qz	lt		0.5 cm thickness
651.85																								gc	35		
652.45																								fr	15		
652.45																								fr	45		
652.30																								fl	30		
652.85																								fr	55		
653.05																								fr	45		
653.10																								sr	35		Chert. Black.
653.20																								fr	50		
653.60																								fr	45		
653.75																								fr	35		

Depth			Rock Type					Colour			ALTERATION						Mineralisation						Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity						Sulphide			Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture			
653.90																						fl	30		
654.75																						fr	55		
654.90																						fl	35		
655.40								tr														sr	15	Qz. Lenticular	
655.70																						fr	70		
656.25																						fr	40		
656.30																						fr	10		
656.90								gl														sr	25	Qz. Lenticular	
657.70				QVN				tr													qz	lt		3 cm maximum thickness	
657.70																						gc	50		
657.95	657.95	0.00				13		cr														gc	45	Crete chert. 1 cm thickness	
658.35	658.80	0.45				13		bl	grd															45% chert. Brecciated as volcanic rock.	
658.90																						fr	15		
659.05																						fr	25		
659.10	663.05	3.95	FZ																						
659.10	660.35	1.25		FZ																					Angular fragments, gouge, clays.
659.10																						ft	25		
660.35	663.05	2.70		FRZ																					
660.70																						fr	25		
660.80																						fr	15		
661.00																						fr	40		
661.05																						fr	35		
661.25																						fr	35		
661.60																						fr	25		
661.70																						fr	30		
662.05																						fr	35		
662.30																						fr	25		
662.35																						fr	35		
662.65																						fr	35		
662.80																						fr	25		
662.90																						fr	35		
663.50																						sr	15	Cb. Angle varying from 0 to 15	
663.05	669.70	6.65	3MX																						
663.05	665.80	2.75		3	fg			gd	grd													sz		Cb. Separation between stringers 20-30 cm. Milimetric stringers	
664.10																						sr	25	Cb	
664.20								cr	gd													sr	25	Chert. Folded	
664.35																						fr	60		
664.55																						fr	60		
664.65																						fr	60		
669.10	673.30	4.20		3	fg			gd	grd	cr											py	0.01	do		schlieren. Centimetric-milimetric chert. Dark grey and creme colour. Traces of sulphides floating in the matrix of the rock.
666.30								gl														sr	25	5 cm thickness. Chert	
666.25								wt	grl													vl	25	5 cm thickness	
666.10																						fl	30		
666.55																						sr	25	Cb	
666.70																						fr	60		
665.80	669.10	3.30		3	xn			gl	grd																Felsic xenoliths. Weakly brecciated
667.00								wt	bl													sr	35	0.5 cm thickness. Lenticular.	
667.25																						fr	60		
667.20				CBN				wt														cb	lt		1 cm maximum thickness
667.20																						gc	15		
667.45																						fr	65		
668.20																						sr	10	Cb	
668.25																						fr	60		
668.45																						vl	30	Cb. 0.3 cm thickness	
668.45																						sr	10	Opposite	
669.10																						fr	25	Cb	
669.40																						fr	25		
669.45																						fr	35		
669.50																						fr	35		
669.60																						fr	35		
669.70																						fr	25		
669.70	723.50	53.80	3C																						
670.65																						fr	35		
670.65																						fr	65	Conjugated	
670.70																						fl	25		
670.90								wt														sr	5	Cb	
671.20																						fr	15		
671.35																						fr	65		
671.35																						sr	10	Cb	
671.50																						sr	15	Cb	
671.70																						sr	15	Cb	
672.45																						fr	55		
672.60																						fr	60		
672.70																						fr	35		
673.60																						fr	30		
673.90				QVN				tr	wt													qz	lt		0.5 cm thickness.
673.90																						gc	5		
672.90																						fl	25		
674.40				8																					2 black xenoliths. Basic. 2 cm diameter.

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA	
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy			
674.35																							fl	25			
674.70																							fl	25			
673.30	675.10	1.80		3	vbv																						
675.10				3	fg	13																			schlieren. Milimetric. Black chert.		
675.50																							fl	25			
675.70												wt											cb	25	0.3 cm thickness		
675.85					CBN							tr	wt	grl									cb	lt	qz	cl	1.5 maximum thickness
675.85																							gc	20			
676.05																							fr	35			
676.10																							fr	45			
676.20																							fr	50			
676.20																							fr	25	Conjugated		
676.55					CBN							wt	grl										cb	dv	cl		
676.55																							gc	20			
676.60																							fl	25			
676.70																							fr	25	Conjugated		
676.70																							fr	60			
663.05	685.65	22.60		3	13	fg																				Milimetric spots following flow (normally). Mottled	
677.20																							fr	35			
677.25	677.55	0.30																					py	0.01	do	16 cm thickness. Chert Band	
677.25	677.55	0.30																					po	0.01	do	16 cm thickness. Chert Band	
677.25																							gc	35		Chert-Volcanics	
677.55																							gc	20		Chert-Volcanics	
677.65	678.00	0.35																					py	0.01	do	28 cm thickness. Chert Band. Centimetric dark bands with disseminated Py.	
677.65	678.00	0.35																					gc	25			
678.90																							fr	35			
679.00	687.10	8.10		3	fg							grd	gd													Fine grain with milimetric spots of dark chert .	
679.00																							py	0.01	do		
680.20																							fr	40			
680.40																							fr	25			
680.45																							fr	50			
680.45																							fr	35			
680.50																							fr	35			
680.80																							fr	35			
680.90																							fr	35			
681.15																							fr	35			
681.25																							fr	30			
681.20																							fr	35			
681.95																							fr	25		slikensides. Angle=0.	
682.15																							fr	35			
682.60																							py	0.01	do	Sulphides in fracture plane.	
682.75																							fr	55			
682.75																							fr	45			
683.05	684.15	1.10			FRZ																						
683.05																							fr	45			
683.15																							fr	30			
683.25																							fr	30			
683.40																							fr	40			
683.45																							fr	35			
683.70																							fr	30			
684.00																							fr	35			
684.00																							cb	vl			Cb. 0.5 cm thickness
684.05																							cb	vl			Cb. 0.5 cm thickness
684.15																							vl	30			Cb
684.15																							fr	20			Opposite
684.40												wt											sr	45			Cb
684.95																							fr	35			
685.05																							fr	15			
685.10																							fr	30			
685.15	685.35	0.20			CBN							wt	grl										cb	vs	qz	cl	Irregular. 1 cm maximum thickness.
685.25																							gc	25			
685.65																							fr	35			
685.65	690.40	4.75		3	13	cg						grd	gd														Volcanic rock with centimetric dark cherty spots.
685.85																							fr	50			
686.00																							fr	45			
686.30																							fl	35			
686.35																							fr	35			
686.40																							fr	25			
686.60																							fr	45			
686.85																							fl	30			
687.70																							fl	25			
688.00																							fr	25			
688.40																							fr	45			
688.60																							fr	45			
688.75																							fl	25			
689.40																							fl	25			
690.40	691.90	1.50		3	fg							grd	gd														fine rock grain
690.60																							fr	30			
690.70																							fr	55			
690.85																							fr	45			
691.00																							fr	40			

Depth			Rock Type					Colour			ALTERATION							Mineralisation							Structural Measurements		COMMENTS		
From	To	Interval	Major Rock Code	Minor Rock Code	Main Modifier	Rock Forming Mineral 1	Rock Forming Mineral 2	Main Colour	Secondary Colour	Tertiary colour	Alteration Intensity							Sulphide				Veins			Structure / Contact	ACA			
											Sericite	Carbonate Ankerite, Siderite	Silica	FEH (Hemitite)	FEM (Magnetite)	Chlorite	Limonite	Talc	Sulphide Type	Sulphide %	Main Texture	Secondary Texture	Third Texture	Vein Mineralogy				Vein Type	Main Accessory Mineralogy
717.85																										fr	25		
718.45																											fr	60	
718.60	718.85	0.25		13				bl										py	2.00	do								Py in surface bands. Folded. Shales.	
718.60																										gc	30	Chert-Volcanic	
718.85																										gc	45		
715.20				3	bd																							Chert bands ¿Shales?	
719.20																										fr	65		
719.30																										fl	45		
720.15	721.15	1.00		13				bl										py	2.00	do								Chert in S1. Folded.	
720.40																		py	2.00	do	in					fr	45	Py in fracture planes	
720.50																		py	2.00	do						fr	45		
720.15																										gc	25	Chert-Volcanic. Irregular	
721.15																										gc	20	Chert-Volcanic. Irregular	
721.50								wy	bl																sr	30	Cb.Irregular		
721.80								wt																	sr	35	Cb.Irregular		
722.25																									sr	35	Cb.Irregular		
722.50																									fr	15	Cb		
722.55	722.75	0.20		13				grl																					
722.55	722.75	0.20																								gc	25		
722.60																		py	0.01	do						fr	25		
722.75	733.10	10.35		3	vbx			gr	cr								py	0.01	do									White Q-rim 1 mm surrounding fragments.	
723.10																										fr	55		
723.20				QVN				wt	grl																	qz	vl	cb	0.5 cm thickness
723.20																										gc	35		
723.85								wt																	sr	25	Cb		
724.25																									fr	15			
724.55																									fr	25			
726.00								tr																	qz	lt		3 cm thickness. Irregular.	
726.00																										gc	70		
726.00																									fr	30			
726.05								wt																	sr	35	Cb		
726.20																									sr	35	Cb		
726.55																									fr	45			
726.75																									fr	15			
727.70																									fl	25			
723.50	733.10	9.60	3b	3b																									
729.35																										fr	65		
730.40																										fr	50		
731.80																									sr	25	Cb		
732.20	732.90	0.70																								sz	20	Cb. 5% stringers	
732.20																									sr	25			
732.90																									sr	0			
733.10	734.45	1.35		3	fg	13		grd																				Fine grain with chert	
733.30																									sr	30	Cb		
733.50																		py	0.01	in					fr	20	Py in fracture plane		
733.75																									fr	25	Py in fracture plane		
733.90																									sr	30	Cb		
734.15																									fr	50			
734.00																									sr	30	Cb		
734.85				3	fg	13		grd																				Fine grain with chert	
735.30																										fl	35		
735.65																		py	0.01	in						fr	35	Py in fracture plane	
735.90																										fr	25		
736.10																										fl	35		
736.70																		py	0.01	in						fr	40	Py in fracture plane	
737.10																										fr	25		
737.20	738.95	1.75																											
737.65	738.10	0.45																											
737.65	738.10	0.45		10				bl																					Chert stringer. Irregular
738.95	739.85	0.90		3	fg	13												py	0.01	do									
737.90																										fr	10		
737.60																										fr	15		
738.20																										sr	35	Cb	
738.50																										fr	50		
738.60																										fl	35		
739.30																										fr	65		
739.30																										fr	35	Conjugated	
739.70																										fr	30		
741.20								wt	tr																		vl	20	0.5 cm thickness. Lenticular
741.35																										fr	35		
733.10	749.60	16.50	3bc	3c																						vl	25	Cb. 0.3 cm thickness	
741.80																													
741.95																										fr	50		
742.60								tr																		vl	60	Cb. 0.4 cm thickness.	
743.05																										sr	25	Cb	
744.00																										fr	65		
744.10																										vl	15	0.5 cm thickness	
745.50																										fr	45		
746.00																										fr	45		

