dip:-54.8deg azimuth: 321deg Structure Minerals II(%) Alteration Description up 0 up 0 FROM TO Image: structure Im				
FROM TO Image: second sec				
0 23.47 0 23.47 0 20 Overburden/casing 23.47 0 0 20 Overburden/casing 23.47 39.22 wk fol st fol 90 80 24 26 trc amphibolite mod 3 23.47 39.22 wk fol st fol 90 80 24 26 trc amphibolite mod 3 1 mod fol dyke 70 70 30 31 1	itional structure, mineralogy, textures, &			
0 23.47 0 <td></td>				
23.47 39.22 wk fol st fol 90 80 24 26 trc amphibolite mod 3 mod fol dyke 70 70 30 31 mod 1 Fine grained to aphanitic schist. Rare 20-40cm bands of more schistose I mod fol mod fol 70 60 33 35 1 abundant (~80%) 3-4mm muscovite and biotite crystals with strong foliati wk fol 50 39 1 1 3 39.22m granite and K-feldspar rich pegmatite dykes 50-10cm thick are at and schistosity increases. Lower contact gradational and marked by dyke 1 1 1 1 39.22 43.26 wk fol 65 60 40 42 1 1				
Indext fol Gyne 70 60 30 31 Indext fol Index fol Index fol <thin< td=""><td>hada with</td></thin<>	hada with			
wk fol 50 39 and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and carbonate coating rare fracture faces and as blebs near top of unit. and car	on. Pyrite			
39.22 43.26 wk fol 65 60 40 42 1 1 7 Grey granite (20%biotite- 40%quartz-30%white feldspar-9%sericite-1%qa	From 30-			
39.22 43.26 wk fol wk fol 65 60 40 42 7 Grey granite (20%biotite- 40%quartz-30%white feldspar-9%sericite-1%qa	e swarm.			
	arnet)			
medium grained, equigranular with q% 1-2mm garnets scattered through	out,			
Crosscutting granite at variable wavy (50-90°) angles are 7, 5-20cm thick	<u>κ</u> .			
Image: Contract sharp at 70° tca. Rare 10-30cm thick schist clasts throughout unit	it.			
43.26 50.9 st fol 75 50 amphibolite wk 3 Eine grained aphanitic weakly foliated schist/metasediment. Abundant fir	ne-coarse			
grained biotite-muscovite, more coarse grained schistose bands with stro	onger			
foliation, increase proximal to lower contact. Lower contact sharp and she	eared at			
	·			
50.9 52.5 11 Shear zone, almost mylonitic. Biotite, muscovite, quartz and feldspar in pr	arallel			
contact sharp at 60 ° tca, defined by 10cm quartz-white feldspar, pegmati	ite dyke			
with ~10% fuchsite.				
52.5 61.96 wk fol mod fol 60 70 53 55 amphibolite mod 3				
st rol st rol 40 50 57 59 Schist coarse grained with 1-3mm biotite and muscovite from 56.5-61.96r	m depth, ck dykes			
56.5-61m depth with light green/grey (sericite?) chill margins and stretch	ed parallel			
to foliation 3-5cm white feldspar circular/oval porphyroblasts? phenocryst	s? in core			
	of core in			
OT.50 O4 Inactiones 40 O4 Inactiones A0 Inactiones A0 Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination Imagination	i). Lower			
Image: Contract sharp and faulted.				
64 84.82 wk fol wk fol 40 45 65 67 amphibolite mod 3				
wk fol fold axes 60 70 69 71 Weakly foliated and fine grained schist. More coarse grained. Abundant b	biotite and			
shear balst fol 75 60 70 79.5 74 74 depth. Sinistral movem	ient.			
wk fol 60 83 Several 10cm white pegmatite dykes throughout more foliated interval. M several 10cm white pegmatite dykes throughout more foliated interval. M several 10cm white pegmatite dykes throughout more foliated interval. M	ioderate- allel to			
Image: Section of the section of t	<u> </u>			
84.82 90.bd bd 60 70 85 87 40 l amphibolite wk				
bd 60 89 >10% massive magnetite ~ 0.2mm crystals in 1mm-1cm thick beds interb	bedded			
with quartz-rich, greenschist facies-metasediments. Rare 1cm bands of metasomatism (epidote and garnets) throughout near upper contact. Abu	undant			
beds of ~20% 1-3mm euhedral garnets in greenschist facies-metasedime	ents. 87.79-			
88.10m depth broken blocky core from fault. Bedding parallel to foliation ((weak). eby pyrite			
and garnets around edges and moderate abundant chlorite patches throu	ughout.			
90 93.34 st fol st fol 80 90 91 93 91 93 91 91 93 91 93 91 91 91 91 91 91 91 91 91 91 91 91 91	abundant			
1-3cm biotite and feldspar crystals 91-91.5mdepth. Lower contact bedder	d and			
93.34 93.8 bd 80 93.5 25 greenschist st 5	reenschiet			
facies-metasediments (schist). Lower contact gradational and bedded.				
93.8 97.83 bd wk fol 30 60 95.5 97 l amphibolite mod l I Garnet rich greenschist beds interbedded with schist 2-11cm thick. Garnet	ot hoda			

		bd		90		97.8														moderate-abundant ~40% garnets 1-3mm euhedral. Lower contact gradational and
											_									bedded.
97.83	98.12	bd		90		98		25	trc			amphibolite							12	Garnet rich BIF. Moderate metasomatism (epidote/grossularite) throughout
																				interval. Pyrite as blebs trace throughout. Lower contact bedded and gradational.
09.12	102	at fol	aboar ba	60	60	00	101		tro			omphiholito	mod						<u>,</u>	Sabiat Dava garnat namburahlagta in rara bada traca amayunta Manyuyaak faliatian
90.12	103	wk fol	Shear Dai	60	00	102	101		uc	_	_	amphibolite	mou						3	throughout except in 5cm shear zones at 99m 101m and 101 15m depth. I ower
		WIK IOI		00		102					-									contact gradational and bedded.
103	107	bd	st fol	60	50	103	105					amphibolite	mod						1	Interbedded garnet rich (20%) schist and greenschist. Beds 10-20cm thick.
		st fol	bd	60	45	106	107				_	-								Bedding and foliation parallel. Rare translucent and grey quartz veins throughout
										_	_									unit. Carbonate coating fracture at low angles ("20"). Lower contact bedded and oradational
											-									gradutoriui.
107	112	wk fol	wk fol	60	50	108	109					amphibolite	wk						3	Schist, fairly massive. Abundant 10-50cm faults throughout unit. Broken blocky
		fractures		60		110						-								core, fault gouge (clay) 118.86-112m depth. Lower contact faulted. Rare 10cm
										_	_									white leidspar and quartz pegmatite dykes in ladits throughout unit.
112	114.18								trc			amphibolite	wk						1	Garnet-rich schist, interbeds 1-5cm thick. Disseminated pyrite (1%) in rare 1cm
																				bands parallel to foliation/bedding throughout unit. 25cm thick white and pink
											_									feldspar and quartz at 70 °tca at 114m depth. Lower contact bedded and
114 19	117	bd	bd	60	70	115	116	5	+			amphibolite	wk			 	_	_	16	BIF<10% magnetite with ~10% 1-2mm gamets Reds ~ 3-10cm thick Magnetite
114.10	117	bu	bu	00	10	110	110					ampribolite	WWIN						10	content 20% 114.18-114.73m, 35% 116,13-116,72m. Lower contact foliated and
																				gradational.
	100.01			50	50	110					_									
117	120.61	st fol	st fol	50	50	118	119				_								11	Shear zone in schist, almost mylonitic in texture, abundant biotite and muscovite,
		SUIDI		40		120				_	_									bedded and sharp. Shear bands 10-50cm thick
120.61	121.13			25		121		40				greenschist	st						5	BIF>10% massive magnetite, beds 1-5mm thick. Lower contact bedded and
											_									gradational
121 13	130	bd	fold aves	55	50	123	124	1	trc		_	areenschist	st						12	
121.15	103	st fol	st fol	70	60	125	127	- '	uc			greenschist	31						12	<10% magnetite interbedded garnet-rich schist, and magnetite rich schist. Beds 5-
		bd	st fol	60	70	129	131													10cm thick parallel to foliation. Garnets ~30-50% of bed 0.5-2mm in site, euhedral.
		st fol	bd	65	65	133	135													Rare white feldspar/quartz pegmatite dykes 3-13cm thick at various wavy angles
		st fol	st fol	80	60	137	139					-								throughout unit, Whole unit is greenschist (upper) facies with biotite. Pyrite as
										_	_									abundant biotite and muscovite throughout unit parallel to bedding and foliation
																				Magnetite contents: 15% 123.5-123.58m, 10% 123.9-124m, 20% 124.6-124.68m,
																				20% 125.40-125.45m, 15% 126,25-126.31, 30% 128.05-128.10, 30% 128.40-
											_	-								128.43m, 25%128.6-128.65m, 40%132.21-132.40m, 5% 136.83-136.84m, 20%
											_	-								137.20-137.21m, 10% 138.80-138.82m. Lower contact gradational and bedded.
139	158.5	st fol	mod fol	70	70	141	143					amphibolite	wk						3	Fine grained schist. Rare 20-50cm bands of ~15% garnets throughout unit. Rare 3-
		mod fol	st fol	70	70	145	147													10cm white quartz-feldspar-biotite pegmatite dykes throughout unit. Lower
		wk fol	wk fol	65	60	150	152				_	-								amphibolite facies. 5cm thick shear bands at 70° tca from 146-148.5m. Foliation
		st ioi wk fol	st fol	50 70	60	154	150				_	-								foliation)
			01101		00															
158.5	161.5	st fol	st fol	70	90	159	160												11	Mylonitic shear zone with rare garnets 2-3mm in size scattered throughout unit.
		st fol		70		161			+		_	+				 				Was possibly greenschist (upper facies) b shearing. Lower contact gradational and
									+			+			\vdash		-			าบแลเธน.
161.5	<u>163</u> .68	bd	st fol	70	60	162	163		trc			greenschist	st						1	Garnet rich schist. Garnet rich beds and garnet poor beds 1-3cm thick. Very openly
																				folded 162.5-163.2m depth. Pyrite as 1cm blebs in folding near 162.5m depth.
									+		_	+				 				Lower contact gradational and bedding, greenschist facies
163 68	186 1	st fol	mod fol	70	60	167	169	\vdash	+		_	amphibolite	wk		$\left \right $	 	_	\rightarrow	3	Fine grained schist Rare 1-10cm beds of 10-20% garnets from 163 68-177m
	100.1	wk fol	st fol	50	50	171	172				-									depth. Shear bands (mylonitic) 10-80cm thick, 170-175m depth, at 50° tca. Verv
		st fol	mod fol	40	60	174	175													rare translucent greyish-white 3cm thick quartz veins throughout unit. Lower
		st fol	st fol	85	90	178	181		+			<u> </u>			\square	 				contact sheared at 60° tca. (lower facies)
		st fol		70		184			+	-+	_	+				 				
186.1	187.13	shear ba	nd	80		186.5			+		_						_		11	Shear zone, mylonitic, biotite, feldspar and quartz. possibly was amphibole grade
																				schist. Lower contact sheared at 60° tca.
10-11	100.0-																		_	
187.13	199.37	WK TOI	WK TOI	70	80	188	189		+			amphibolite	WK			 	_		3	Scnist fine grained, amphibolite (lower) facies. Lower contact sharp and bedded.
		v.wk fol	JUIU AXES	85	10	192	194		+		_	1					_	-		Ourriete 570 Follilli 133. F 133.37111.
199.37	201.15	bd	bd	60	60	200	201	40	\square			greenschist	st	metasomatism					5 or	
									++		_	+				 				>10% massive magnetite beds, 2-5cm thick interbedded with greenschist and
		I				I						1	I	l						gamet-non greenschist. Rare patches and beds of weak metasomatism (epidote)

										_							_		_		throughout unit. Magnetite \sim 0.02mm crystals, fairly crystalline. Garnets (1-3mm) increase in abundance towards lower contact. Lower contact sharp and bedded.
201.15	202.43	st fol		80		202														11	Weakly mylonitic shearing 201.5-202.40m depth at 80 ° tca. Otherwise is amphibolite (lower) grade schist. Lower contact bedded and sharp.
202.43	203.1	fold axes	bd	60	60	202.5	203	30					greenschist	st						12	>10% massive magnetite beds 0.5-1cm thick interbedded with greenschist and garnet-rich greenschist. Rare isoclinal folds. Lower contact sharp and bedded.
203.1	203.67	st fol		70		203.5				_									_	11	Moderate mylonitic shear zone at 70° tca, biotite, feldspar. Lower contact bedded and sharp
																			_		
203.67	204.9	bd		60		204		20		_		-	amphibolite	WK	greenschist	st		_		12	>10% BIE with 5% garages in groopschipt amphibala grade achiet hade. Magnetite
										+							-		+		beds rare and less crystalline-massive. Lower contact gradational and bedded.
204.9	206.35	wk fol		60		206				trc	:									3	Schist. Lower amphibolite facies, pyrrotite on fracture faces. 5% garnets in rare
																					beds 1-2cm thick parallel to foliation throughout unit. Lower contact gradational and bedded.
206.35	207.06	bd		70		207		15					amphibolite	wk				-		12	>10% massive magnetite BIF. Schist lower amphibole facies. Lower contact
													-								bedded and sharp.
207.06	210 21	wk fol	wk fol	70	80	208	209			_			amphiholite	wk			_	-	_	3	Schiet Lower amphibolite facies. Very weak foliation, trace gamets in very rare
207.00	210.21	WK IOI	WK IOI	10	00	200	203						ampribolite	WK						J	beds ~ 1cm thick throughout unit. Lower contact sharp and bedded.
210.21	216.64	bd	bd	70	70	211	213	50			_	-	amphibolite	mod				-	_	5	>10% PIE bade 1 4cm thick (true) interbadded with garnet rich 1 2cm thick bade at
		bu	bu	70	05	215	210											-			amphibole grade schist. Very rare 2-5cm thick patches of metasomatism (epidote
																					and grossularite), mostly near upper contact. Lower contact sharp and bedded.
216.64	017										_		amphihalita	le				_	_		Cabiat weakly faliated Lawar amphibala grade
210.04	217												amphibolite	WK				-		3	Schist, weakly foliated. Lower amphibole grade.
217	218.1	bd		50		218		3					amphibolite	wk						16	≤10% magnetite BIF. Non crystalline, not massive, disseminated in amphibole
																					grade schist beds 3-5cm thick. Lower contact gradational and bedded.
218.1	222.3									_	_	_	amphibolite	wk			_	_		3	Schist weakly foliated Lower amphibole facies. Epidote on fracture faces, rare
2.0													ampriloonto								weakly metasomatism in patches throughout unit. Lower contact sharp and
																					bedded.
								1		-			1 11 114								
222.3	224	bd	bd	50	60	222.5	223	30	tro	tro			amphibolite	wk	greenschist	st		-	_	5	RIF>10% magnetite Reds 0 1-3cm thick magnetite massive and 0 02mm crystals
222.3	224	bd bd	bd	50 40	60	222.5 224	223	30	tro	trc	:		amphibolite	wk	greenschist	st				5	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of
222.3	224	bd bd	bd	50 40	60	222.5 224	223	30	trc	trc	:		amphibolite	wk	greenschist	st				5	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to
222.3	224	bd bd	bd	50 40	60	222.5 224	223	30	tro	trc			amphibolite	wk	greenschist	st				5	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white guartz veining near upper contact. Pare metascountism near too of unit. Cathonate on fracture faces. Lower
222.3	224	bd bd	bd	50 40	60	222.5 224	223	30		c trc			amphibolite	wk	greenschist	st				5	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	224	bd bd	bd	50 40	60	222.5	223	30		trc				wk	greenschist	st				5	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	224 340.79	bd bd wk fol	bd wk fol	50 40 60 80	60 55 65	222.5 224 225 225	223	30					amphibolite	wk	greenschist	st				3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	224 340.79	bd bd wk fol wk fol mod fol	bd wk fol mod fol mod fol	50 40 60 80 60	60 55 65 80	222.5 224 225 225 229 240	223 227 227 237 242	30					amphibolite	wk	greenschist	st				3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	224 340.79	bd bd wk fol wk fol mod fol st fol	bd wk fol mod fol st fol	50 40 60 80 60 60	60 55 65 80 55	222.5 224 225 229 240 244	223 227 237 242 246	30					amphibolite	wk	greenschist	st				3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	224 340.79	bd bd wk fol wk fol mod fol st fol mod fol wk fol	bd wk fol mod fol mod fol st fol mod fol	50 40 60 80 60 60 60 60	60 55 65 80 55 60 70	222.5 224 225 229 240 244 244 247	223 227 227 237 242 246 249 253	30					amphibolite	wk	greenschist	st				3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding.
222.3	340.79	bd bd wk fol wk fol mod fol st fol mod fol wk fol mod fol	bd wk fol mod fol st fol mod fol mod fol mod fol	50 40 60 80 60 60 60 60 60 80 80	60 55 65 80 55 60 70 70	222.5 224 225 229 240 244 247 251 255	223 227 237 246 249 253 257	30					amphibolite	wk	greenschist	st				3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232.3-232.5m depth. 240.4-
222.3	340.79	bd bd wk fol wk fol mod fol wk fol mod fol wk fol mod fol st fol	bd wk fol mod fol st fol mod fol mod fol mod fol mod fol wk fol	50 40 60 60 60 60 60 60 60 60 60 60 60 60 60	60 55 65 80 55 60 70 70 70 50	222.5 224 225 229 240 2440 247 251 255 265	223 227 237 242 249 253 257 269	30					amphibolite	wk	greenschist					3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232,3-232.5m depth, 240,4- 240,7m depth, several 1-5cm shear zones (mylonite) throughout unit. Trace pyrite
222.3	340.79	bd bd wk fol wk fol mod fol wk fol mod fol st fol wk fol wk fol wk fol wk fol	bd wk fol mod fol mod fol mod fol mod fol wk fol mod fol wk fol mod fol	50 40 60 80 60 60 60 60 60 60 60 80 80 80 80 50	60 555 655 80 555 60 70 70 70 50 80	222.5 224 225 229 240 244 247 251 255 264 271	223 227 237 242 242 253 257 269 2725 284						amphibolite	wk	greenschist					3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232,3-232.5m depth, 240,4- 240,7m depth, several 1-5cm shear zones (mylonite) throughout unit. Trace pyrite as blebs associated to rare brownish translucent quartz veins throughout unit.
222.3	340.79	bd bd wk fol wk fol mod fol st fol mod fol st fol wk fol mod fol mod fol mod fol	bd wk fol mod fol mod fol st fol mod fol mod fol wk fol mod fol mod fol mod fol mod fol	50 40 60 60 60 60 60 60 60 60 60 60 60 60 60	60 555 65 80 555 60 70 70 70 70 50 80 50 75	222.5 224 225 229 240 244 247 255 264 271 278 271 278 283	223 227 237 242 246 249 253 257 269 272.5 284						amphibolite	wk	greenschist					3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232,3-232.5m depth, 240,4- 240,7m depth, several 1-5cm shear zones (mylonite) throughout unit. Trace pyrite as blebs associated to rare brownish translucent quartz veins throughout unit. Trace garnets in rare patches and veins ~ 1-3%, 1mm garnets in moderat- abundant 3-20cm beds in 251-252m, 270.81-273.34m depth, 2-33mm muscovite
222.3	340.79	bd bd wk fol wk fol mod fol st fol mod fol st fol wk fol mod fol mod fol mod fol mod fol	bd wk fol mod fol mod fol st fol mod fol mod fol wk fol mod fol mod fol mod fol mod fol	50 40 60 80 60 60 60 60 60 60 60 60 60 60 60 60 60	60 55 65 80 55 60 70 70 70 50 80 50 50 50 60	222.5 224 225 229 240 244 247 255 264 271 275 264 271 278 283 289.5	223 227 237 242 246 249 253 257 269 272.5 281 284 284 293						amphibolite	wk	greenschist					5 3 3	BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232,3-232.5m depth, 240,4- 240,7m depth, several 1-5cm shear zones (mylonite) throughout unit. Trace pyrite as blebs associated to rare brownish translucent quartz veins throughout unit. Trace garnets in rare patches and veins ~ 1-3%, 1mm garnets in moderat- abundant 3-20cm beds in 251-252m, 270.81-273.34m depth. 2-3mm muscovite porphyroblasts parallel to foliation ~ 5% 252.5-256m depth. Rare pegmatie dykes 5-
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222.3 224 224 224 224 201 201 201 201 201 201 201 201 201 201	224 340.79 342.69 353.36	bd bd wk fol wk fol mod fol st fol mod fol st fol wk fol mod fol mod fol mod fol mod fol wk fol st fol mod fol wk fol st fol st fol wk fol st fol sto	bd wk fol mod fol st fol wk fol st	500 400 800 600 600 600 600 600 600 600 600 6	60 55 65 60 55 60 50 50 80 50 50 60 25 60 60 60 60 60 60 60 85 85	222.5 224 225 229 240 244 247 255 264 271 255 264 271 278 289.5 296 302 307 318 328 336 302 307 318 338 336 336 3345	223 227 237 246 249 253 257 269 272.5 281 272.5 281 272.5 283 293 298 304 310 320 333		trcc trcc	<pre> trc trc trc trc trc trc trc trc trc trc</pre>		Image: state	amphibolite	wk	greenschist	st -					 BIF>10% magnetite. Beds 0.1-3cm thick, magnetite massive and 0.02mm crystals. Lower amphibole-upper greenschist facies schist. ~10% garnets in rare beds of schist throughout unit, Pyrite and Pyrrhotite as 1-2mm blebs stretched parallel to bedding throughout. Abundant 1-2cm thick white quartz veining near upper contact. Rare metasomatism near top of unit. Carbonate on fracture faces. Lower contact sharp and bedding. Schist. Weakly foliated, fine grained, amphibole grade. Rare 10cm white quartz vein throughout, mylonitic (weakly). Shear zones from 232,3-232.5m depth, 240,4-240,7m depth, several 1-5cm shear zones (mylonite) throughout unit. Trace pyrite as blebs associated to rare brownish translucent quartz veins throughout unit. Trace garnets in rare patches and veins ~ 1-3%, 1mm garnets in moderat-abundant 3-20cm beds in 251-252m, 270.81-273.3m depth. 2amm muscovite porphyroblasts parallel to foliation ~ 5% 252.5-256m depth. Rare pegmatie dykes 5-10cm thick with abundant 1-3cm feldspars, muscovite, 3-4mm green shaped crystal, translucent, good deep green colors, but softer thats tungsten carbiblide tip of scratcher, fluorite? Also amythyst (massive transparent, jem quality) ~ 5% of pegmatite, 20% 1-2mm garnets in schist 279.5-283.68m depth. Aum thick shear zones (brittle) at 65° tca 290-295m depth. Bleached, pale greenish-grey very weakly sillificated nock 292.41-298.8m and 303.89-305m depth. 20-30cm bands of low grade migmatite 316-319m depth. Rare amythyst ~1% in quartz veins from 32 Pegmatite dyke. Crystals 5-15mm in size. Massive 20% yellowish muscovite 50% feldspar, 30% quartz (1% amethyst) 10% biotite. Pyrite (~1%) as dollars on fracture faces at low angles (~20°). Lower contact sharp at 70° tca.
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		mod fol		65		357										(upper) schist.	Lower of	contact grad	dational ar	nd banded.	
357	361.4	wk fol	wk fol	75	80	359	361			amphibolite	st	migmatite	wk			3 Schist, weakly-	-modera	te foliated	throughou	t some migm	atic-gneissic bands
																towards lower	contact.	Lower con	tact grada	tional and ba	nded.
361.4	362.41	st fol		80		362				migmatite	wk					2 Migmatite, med	dium gra	de, gneiss	ic in textur	e. Lower cor	tact gradational.
362.41	370.94	wk fol	wk fol	70	70	363	365			amphibolite	st	migmatite	wk			3 Schist, weakly	foliated	throughout	3-5cm ba	nds of low g	ade migmatization-gneis
		wk fol	wk fol	70	70	367	369									near lower con	itact. Lo	wer contac	t gradatior	al-banded.	
370.94	373.28	st fol	st fol	60	85	371	372			migmatite	wk					2 Medium grade	migmat	ite-gneiss.	Abundant	biotite and m	uscovite (~70%) rare
		st fol		80		373										feldspar and qu	uartz. Lo	ower conta	ct sharp at	70° tca.	
373.28	390.89	wk fol	wk fol	45	70	375	377			amphibolite	wk					3 Schist. Fine gra	ained, 1	0-40cm ba	nds of wea	ak migmatite-	gneiss form 377.5-
		mod fol	wk fol	70	70	379	382									380.09m depth	n and 38	7.8-388.32	m depth. I	ower contac	t sharp and bedded,
		mod fol	st fol	80	70	385	388									amphibole grad	de (lowe	er).			
		wk fol		60		390															
390.89	392.8	wk fol	mod fol	50	50	391	392			greenschist	st					3 Greenschist (u	pper) fa	cies schist	Moderate	-weakly folia	tion with ~10% biotite
																porphyroblasts	s ~2-5mr	n in fine gr	ained mat	ix. Green-gre	ey medium in colors. Low
																contact gradati	ional at	50° tca.			
392.8	405.42	wk fol	wk fol	70	70	394	397			amphibolite	wk					3 Schist. Lower a	amphibc	ole facies. F	Rare 5-10c	m tick bands	of low grade migmatite
		wk fol	mod fol	80	50	400	403									392.80-400m d	depth. 5	cm thick dy	ke of felds	par-quartz p	egmatite at 50 ° parallel to
																foliation at 405	m depth	. Lower co	ntact shar	p with ~10cm	of migmatite above lowe
																contact.					
405.42	407.12	mod fol	fold axes	80	80	406	406								2	Pegmatite dyke	e, mode	rate foliate	d througho	ut 30% biotit	e, 30% muscovite, 25%
																feldspar, 15%	quartz, t	race green	, soft, gen	i like mineral	(fluorite?) crystals 3mm-
																1cm in size. So	ome ope	en folding v	vith faintly	gneissic text	ure at 406m depth. Lowe
																contact sharp a	at 80° to	a.			
407.12	422.22	wk fol	wk fol	70	60	410.5	414			amphibolite	wk					3					
		wk fol	mod fol	60	50	416	417									Schist. Lower a	amphibo	lite facies,	weakly-m	oderate foliat	ion throughout. Abundan
		mod fol	mod fol	45	60	419	421									5-20cm pegma	atite dyk	es in upper	3m of uni	t. Rare 10-40	cm thick bands of very
																weak migmatite	e throug	hout unit, r	nostly see	s as muscov	te porphyroblasts 2-4mm
																in size oriented	d paralle	I to foliation	n. Lower c	ontact sharp	at 60 ° tca with abundant
																strong foliation	-gneiss	in schist 28	5cm above	contact to c	ontact.
422.22	424.35														2	1 Pegmatite dyke	e. massi	ive. 10% bi	otite. 30%	muscovite. 3	0% quartz, trace
																tourmaline, trad	ce blue-	green mine	eral (fluorit	e?), trace ser	icite. Crystals 5mm-6cm
																size. Lower cor	ntact sh	arp at 70°	ca.		
424.35	428.85	wk fol	wk fol	80	70	425	427			amphibolite	wk					3 Schist. Fine ar	ained, w	eakly folia	ed, amphi	bole grade (I	ower). Strongly foliated.
EOH.		mod fol	1	80		428										abundant seric	ite schis	st 428.16-4	28.85m E	OH. Shear zo	ne, at 80 ° tca. Lower
						-										contact is EOH	ł.				