

Detailed Runwise lithologs of boreholes drilled by MECL in Thakurdih Area-1 Block, District - East Singhbhum, Jharkhand

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-01	0.00	3.00	0.24	3.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	3.00	6.00	0.30	3.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	6.00	7.00	0.47	1.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	7.00	10.00	1.04	3.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	10.00	13.00	1.80	3.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	13.00	16.00	1.70	3.00	-		Yellow	Top soil	Loose, friable to cohesive in nature				
MTB-01	16.00	19.00	2.23	3.00	-		Yellow	Top soil (bands of weather rock)	Loose, friable to cohesive in nature				
MTB-01	19.00	22.00	2.00	3.00	-		Yellow grey	Soil + pebbles + cobbles of Quartz	Loose, cohesive				HQ
MTB-01	22.00	25.00	2.04	3.00	-		Yellow grey	Soil + pebbles + cobbles of Quartz					HQ
MTB-01	25.00	28.00	1.88	3.00	-		Yellow grey	Highly weathered schistosed rock (partially formed soil)	Soft, loose & cohesive	Very fine grained	Highly weathered fractures/fragmented friable		Partially fractured soil. HQ
MTB-01	28.00	31.00	2.86	3.00	0.60	20.98	Greenish grey	Quartz feldspathic amphibole + biotite + chlorite schist(Metabasic schist partially weathered)	Hard & compact	Very fine grained	Strongly schistosed @ ~ 35°-40° w.r.t CA, splitted along schistosity, highly fractured & fragmented at top 50 cm, partially turned to soil		HQ
MTB-01	31.00	34.00	2.79	3.00	1.04	37.28	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed @ ~ 35°, crenulated, fracture/splitted along schistosity, few irregular fracture, fragmented & broken core, partially weathered along fracture		HQ up to 33.00, NQ 33.00 onwards, partially weathered upto 32.00
MTB-01	34.00	37.00	2.92	3.00	1.95	66.78	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine grained	Moderately to strongly schistosed @~ 35°-40° w.r.t CA, occasional microfolds & crenulation, fractured/splitted along schistosity, occasionally broken core		NQ
MTB-01	37.00	40.00	2.90	3.00	1.58	54.48	Dark greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine - fine grained	Moderately to strongly schistosed @ ~ 35°-40°, occasionally microfolded & cranulationed, quartz carbonate veins parallel to schistosity, fractured parallel to schistosity	Random dissemination of Chalcopryrite & pyrite specs from 38.40-39.00 (from - <0.10 %)	
MTB-01	40.00	43.00	2.97	3.00	1.57	52.86	Dark greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine - fine grained	Moderately to strongly schistosed @~ 90°, fractured/splitted along schistosity, highly fractured, broken & friable core @ ~41.60-43.00, highly altered @~42.00 - 43.00, oxidation along fracture	Minor thin stringers of Chalcopryrite along schistosity & as gap filling	
MTB-01	43.00	46.00	2.96	3.00	1.91	64.53	Dark greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine - fine grained	Moderately to strongly schistosed @ ~ 50° w.r.t CA, fracture/splitted along schistosity, microfolded/crenulated, quartz veins	Rare spes of stringers of Chalcopryrite (Not worth sampling)	
MTB-01	46.00	49.00	2.86	3.00	2.28	79.72	Dark greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine - fine grained	Moderately schistosed, microfolding/crenulation of earlier generation schistosity, feldspathization (alternation), fractured along schistosity		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-01	49.00	52.00	2.82	3.00	2.06	73.05	Dark greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine-medium grained	Moderately schistosed @~45°-50°, altered & silicified, fractured along schistosity, broken & fragmented core, low angle fracture	Rare spces of sulfides along with magnetite (?) at places (Not worth sampling)	
MTB-01	52.00	55.00	2.88	3.00	1.84	63.89	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (altered) (Metabasic schist)	Hard & compact, friable @ ~ 54.00	Fine-medium grained	Moderately schistosed @ ~ 35°-40°, mostly fractured along schistosity, broken & fragmented core, thin quartz vein & carborate vein	Thin stringers & veins of Chalcopyrite along schistosity & as diff gop filling	
MTB-01	55.00	58.00	2.93	3.00	2.18	74.40	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (altered) (Metabasic schist)	Hard & compact	Fine grained	Feeble to moderately schistosed, occasional micro-folds & crenulations, mostly fractured along the schistosity ,few fracture @ ~ 50° discordant to schistosity ,quartz carborate vein	Stringers & veins & spces of Chalcopyrite & pyrite along schistosity & along fractured quartz vein	
MTB-01	58.00	61.00	3.00	3.00	2.49	83.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (altered) (Metabasic schist)	Hard & compact	Fine-medium grained	Feeble to moderately schistosed @~50°, few fractures parallel to schistosity, brecciated quartz veins	Minor stringers & spces of Chalcopyrite at top	
MTB-01	61.00	64.00	2.70	3.00	2.20	81.48	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @ ~ 50°-55°, fractured/splitted along schistosity, occasional crenulations	Rare spces of Chalcopyrite	
MTB-01	64.00	67.00	3.00	3.00	1.77	59.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~ 55°, highly factured @ ~ 65.00-65.30, 66.90, fragmented & broken core, fracture angle is ~ 35°-50° w.r.t CA, occasional crenulations or microfoldings.	Stringers of Chalcopyrite along schistosity and as fracture filling in middle to bottom	
MTB-01	67.00	70.00	2.65	3.00	1.89	71.32	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°-55°, mostly fractured along schistosity, low angle fracture (~25°) @ ~67-67.20, irregular quartz vein, occasional presence of thin carbonate vein	Stringers & spces of Chalcopyrite & pyrite at top	
MTB-01	70.00	73.00	2.87	3.00	2.08	72.47	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-55°, mostly fractured along schistosity, few irregular fracture, occasional microfolds at place, broken/fragmented core	Minor stringers of Chalcopyrite & pyrite along some fracture plane & along schistosity	
MTB-01	73.00	76.00	2.94	3.00	2.28	77.55	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~55°-60°, multiple fracture @~40°-45°, broken core, k-alternation, silicified towards bottom	Minor spces & stringers of Chalcopyrite along schistosity	
MTB-01	76.00	79.00	2.73	3.00	1.81	66.30	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed ~55°, fractured parallel to schistosity, fracture @~78.00, occasionally potassic (K) alternation, fragmented core @~ 77.00		
MTB-01	79.00	82.00	2.64	3.00	2.02	76.52	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-55°, occasional microfolds & crenulations, low angle fracture @~ 30°		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-01	82.00	85.00	3.00	3.00	2.34	78.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, multiple fractures @50°-60°, also fracture/splitting parallel to schistosity, occasional fragmented core, quartz vein		
MTB-01	85.00	88.00	2.80	3.00	1.88	67.14	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, occasional microfoldings of earlier generation schistosity, fractured along schistosity, broken core	Rare stringers of Chalcopyrite (Not worth sampling)	
MTB-01	88.00	91.00	2.99	3.00	2.08	69.57	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, mostly fractured along schistosity, few fracture @~60°, fragmented core, partially silicified	Rare spces & stringers of Chalcopyrite & pyrite (Not worth sampling)	
MTB-01	91.00	94.00	2.89	3.00	1.88	65.05	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, multiple fracture oblique to schistosity @~30°-50°, at place conjugate fracture, fragmented & broken core		
MTB-01	94.00	97.00	2.81	3.00	2.55	90.75	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine-medium grained	Moderately to strongly schistosed, mostly factured parallel to schistosity, sheared quartz vein, occasional granular appearance		
MTB-01	97.00	100.00	2.90	3.00	1.39	47.93	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine-medium grained	Moderately schisosed @~40°-50°, wavy to crenulated schistosity, highly fractured & fragmented core, fracture angle ranges from 40°-60° w.r.t CA, quartz vein parallel to schistosity	Minor stringers & veins of Chalcopyrite along with pyrite	
MTB-01	100.00	101.00	1.00	1.00	0.43	43.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine-medium grained	Strongly schistosed @~45°-50°, highly fractured & fragmented along schistosity plane, quartz veins	Very rare spces of sulfides	
MTB-01	101.00	102.00	0.87	1.00	0.37	42.53	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine-medium grained	Strongly schistosed @~45°-50°, highly fractured & fragmented along schistosity plane, quartz veins	Veins & stringers of pyrite along with Chalcopyrite as fracture filling with in the quartz vein	
MTB-01	102.00	104.00	1.80	2.00	1.42	78.89	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, straight to slighty wavy schistosity plane, occasional crenulation, sheared quartz vein, fracture/splitted along schistosity		
MTB-01	104.00	105.00	1.00	1.00	0.82	82.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°, fractured/splitted along schistosity		
MTB-01	105.00	108.00	3.00	3.00	2.18	72.67	Dark grey	Quartz feldspathic biotite schist	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, fracture @~40°-50° oblique to schistosity, quartz vein parallel to schistosity		
MTB-02	0.00	3.00	0.17	3.00			Brown	Loose gravels/pebbles	Loose	Fine grained			
MTB-02	3.00	6.00	0.20	3.00			Brown	Loose gravels/pebbles	Loose	Fine grained			
MTB-02	6.00	7.00	0.80	1.00			Yellow grey	Partially oxidised schistosed rock	Moderate hard & friable	Fine grained	Strongly schistosed highly fractured & fragmented, at place friable broken core, core loss		

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MTB-02	7.00	10.00	2.29	3.00			Yellow grey	Partially oxidised basic schist	Moderate hard & friable	Fine grained	Strongly schistosed highly fractured & fragmented, broken core, core loss, at place friable due to weathering / oxidation		
MTB-02	10.00	13.00	1.70	3.00			Yellow grey	Partially to fully oxidised basic schist	Moderate hard to soft & friable	Fine grained	Moderate to strongly schistosed, highly fractured & fragmented & broken core, core loss . Friable due to weathering or oxidation.		
MTB-02	13.00	16.00	2.18	3.00			Yellow grey	Partially to fully oxidised basic schist	Hard to moderate hard, compact to friable at place	Fine grained	Moderate to strongly schistosed, highly fractured & fragmented core, broken core, core loss, limonitic stain along fracture.		
MTB-02	16.00	19.00	2.60	3.00	1.55	59.62	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~ 50°, highly fractured & fragmented core along schistosity, occasionally broken core, partially oxidised along few fracture		
MTB-02	19.00	22.00	2.75	3.00	0.42	15.27	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~ 50°, highly fractured & fragmented core along schistosity, occasionally broken core, partially oxidised along few fracture		
MTB-02	22.00	25.00	2.89	3.00	0.76	26.30	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~45°-50°, highly fractured along schistosity, few fracture at high angle to CA, occasional sheared quartz vein parallel to schistosity.	Stringers of Chalcopyrite along schistosity & quartz vein	
MTB-02	25.00	28.00	2.81	3.00	1.94	69.04	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~45°-50°, mostly fractured along the schistosity, thin quartz veins.		
MTB-02	28.00	30.00	2.00	2.00	1.27	63.50	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~45°-50°, mostly fractured along schistosity, low angle fracture (~30°) @~28.50, oxidation along fracture	Rare stringers of pyrite & Chalcopyrite (Not worth sampling)	
MTB-02	30.00	31.00	0.70	1.00	0.27	38.57	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~45°-50°, mostly fractured along schistosity	Stringers of Chalcopyrite along schistosity (0.30% @0.50 cm) (Not worth sampling)	
MTB-02	31.00	34.00	1.75	3.00	0.75	42.86	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~45°-50°, mostly fractured along schistosity, low angle fracture (~ 20°) @~ 32.00m filled with quartz vein oxidation along low angle fracture		
MTB-02	34.00	37.00	3.00	3.00	1.61	53.67	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~ 50°, fractured parallel to schistosity, broken & fragmented core at place, partially silicified at place.		
MTB-02	37.00	40.00	3.00	3.00	1.15	38.33	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~50°, mostly fractured & splitted along schistosity, also low angle irregular fracture (~10°-20°)@~37.50-38.00, oxidation along low angle fracture		

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MTB-02	40.00	43.00	3.00	3.00	1.13	37.67	Dark Greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~ 50°, highly fractured & fragmented low angle fracture (~20°-30°) across the schistosity @~41.00-49.50, broken core, oxidation along low angle fracture.		
MTB-02	43.00	46.00	3.00	3.00	1.00	33.33	Dark grey	Quartz-feldspathic chlorite biotite schist ± amphibole	Hard & compact	Fine grained	Strongly schistosed @~50°, straight, few fracture @~40°, discordant to schistosity plane, quartz vein parallel to schistosity, oxidation along few fracture.	Minor stringers of sulfides at at 44.90 (Not worth sampling)	
MTB-02	46.00	49.00	3.00	3.00	1.75	58.33	Dark grey	Quartz-feldspathic chlorite biotite schist ± amphibole	Hard & compact	Fine grained	Strongly schistosed @~50°, straight few fracture @~40°, discordant to schistosity plane, quartz vein parallel to schistosity, oxidation along few fracture.		
MTB-02	49.00	52.00	3.00	3.00	1.90	63.33	Dark grey	Quartz-feldspathic chlorite biotite schist ± amphibole	Hard & compact	Fine grained	Strongly schistosed @~50°, fractured/splitted parallel to schistosity, occasionally fractures oblique to schistosity at place broken & fragmented core, minor quartz veins.	Minor thin stringers @ 50.00, 50.50 along schistosity (Not worth sampling)	
MTB-02	52.00	55.00	3.00	3.00	1.65	55.00	Dark greenish grey	Quartz-feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~50°, straight, mostly fractured along schistosity, intermittent thin quartz veins parallel to schistosity.	Stringers & dissminated spes of Chalcopyrite along schistosity @ 52.10 & 53.70-55.00	
MTB-02	55.00	58.00	3.00	3.00	1.65	55.00	Dark greenish grey	Quartz-feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fracture @~56.33,57.50, along with broken & fragmented core, also fracture along schistosity.	Spes of Chalcopyrite & pyrite along schistosity adjacent to quartz vein @ 52.10, also intermittent stringers along with disseminated spes of pyrite & Chalcopyrite parallel to schistosity throughout the core length 55-57.00	
MTB-02	58.00	61.00	3.00	3.00	2.54	84.67	Dark grey	Quartz-feldspathic chlorite biotite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~50°, mostly fractured/splitted along schistosity, occasionally sheared & brecciated quartz vein parallel to schistosity	Stringers of Chalcopyrite along brecciated quartz vein @59.70 (Not worth sampling)	
MTB-02	61.00	64.00	2.91	3.00	2.57	88.32	Dark grey	Quartz-feldspathic chlorite biotite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~50°, few fracture/splits parallel to schistosity, thin quartz vein /lamellae along schistosity.	Intermittent thin stringers of Chalcopyrite along quartz vein / lamellar at places @62.80 (Not worth sampling)	
MTB-02	64.00	67.00	2.85	3.00	2.05	71.93	Dark greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderate to strongly schistosed @~50°, irregular fracture with fragmented core @~64.00,also fracture parallel to schistosity, multiple sheared & brecciated quartz veins.	Cluster of thin stringers along quartz vein @~64.76, also Intermittent thin stringers of Chalcopyrite throughout the core length mainly adjacent to quartz veins.	
MTB-02	67.00	70.00	1.46	3.00	0.70	47.95	Dark greenish grey	Quartz-feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @50°, fractured & fragmented along schistosity, occasionally broken core, partial silicification.	Stringers & spes of Chalcopyrite along schistosity	

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MTB-02			1.43				Light grey	Serpentine(?) biotite chlorite schist (altered Metabasic rock)	Moderate hard & compact	Very fine grained	Strongly schistosed @~45°-50°, highly fractured/ splitted folowing the schistosity, occasional fragmented & broken core.	Rare spces of Chalcopyrite	(NWS)
MTB-02	70.00	73.00	0.29	3.00	1.43	50.53	Grey white	Asbestose bearing Metabasic schist	Soft & friable	Fine grained	Schistosed, highly fractured & fragmented & broken, friable core		
MTB-02			2.54				Grey to dark grey	Quartz amphibole chlorite biotite schist (silicified from 70.30-72.00)	Very hard & compact	Fine -medium grained	Feeble to moderately schistosed, silicified, fractured from top to middle, brecciated albitic vein, higly fracture & fragmented to broken core with irregular fracture angle ranging from ~30°-60°.	Stringers & disseminated spces of Chalcopyrite along schistosity towards bottom (Not worth sampling)	
MTB-02	73.00	76.00	2.90	3.00	0.87	30.00	Dark grey	Serpentine brearing(?) amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine -medium grained	Strongly schistosed @~30°-40°, highly fractured along the schistosity, occasional fragmented & broken core.	Disseminated Chalcopyrite spces at top, rare & minor stringers of Chalcopyrite along schistosity at 74.00-75.00	
MTB-02			0.86				Light to dark grey	Garnetiferous quartz chlorite mica schist (silicified)	Very hard & compact	Fine grained	Feeble to moderately schistosed, altered & silicified, fractured along schistosity @~45°.	Thin stringers parallel to schistosity	Altered contact
MTB-02	76.00	79.00	2.71	3.00	1.26	46.49	Pinkish grey	Garnetiferous quartz chlorite mica schist (silicified at top)	Very hard & compact	Fine - course grained	Feeble to moderately schistosed @~50°, fractured parallel to schistosity, occasional broken & fragmented core, few extension fracture filled with carbonate vein.	Intermittent thin erratic stringers of Chalcopyrite along schistosity	
MTB-02	79.00	82.00	2.59	3.00	1.20	46.33	Pinkish grey	Garnetiferous quartz chlorite mica schist (silicified at top)	Hard & compact	Fine - very course grained	Feeble moderately schistosed @~50°, wavy, fractured at high angle (~60°-80°) to the CA, broken & fragmented core, at place sheared quartz vein.	Intermittent stringers & spces of Chalcopyrite & pyrite along schistosity adjacent to quartz vein	
MTB-02	82.00	85.00	3.00	3.00	2.60	86.67	Pinkish grey	Garnetiferous quartz chlorite mica schist (silicified at top)	Hard & compact	Fine - very course grained	Feeble moderately schistosity @~50°, wavy fracture @~50°-60°, @~59.00, also few schistosity parallel fracture ,minor sheared & brecciated quartz vein	Stringers of Chalcopyrite along schistosity	
MTB-02	85.00	88.00	3.00	3.00	2.21	73.67	Pinkish grey	Garnetiferous quartz chlorite mica schist (silicified at top)	Hard & compact	Fine - very course grained	Feeble moderately schistosed, wavy to crenulated, occasionally microfolded, mostly fractured along schistosity, schistosity parallel quartz vein	Stringers of Chalcopyrite along schistosity	
MTB-02	88.00	91.00	3.00	3.00	2.47	82.33	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately schistosed @~50°, wavy to crenulated, occasionally microfolded, few fractures following the schistosity, thin quartz veins, Garnets occurs as porphyroclasts/ clustered porphyroclasts	Minor stringers, veinlets of Chalcopyrite along schistosity	
MTB-02	91.00	94.00	2.93	3.00	2.55	87.03	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately schistosed @~50°, wavy to crenulated, occasionally microfolded, few fractures following the schistosity, thin quartz veins, Garnets occurs as porphyroclasts/ clustered porphyroclasts	Stringers of Chalcopyrite along schistosity	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-02	94.00	97.00	2.97	3.00	2.07	69.70	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately schistosed @~50°, wavy to crenulated, Garnets occurs as porphyroclasts/ clustered porphyroclasts, fractured along schistosity, sheared quartz veins, thin basic dyke @ 96.20.	Stringers & veins of Chalcopyrite & pyrite along schistosity & quartz veins, at place disseminated spes.	
MTB-02	97.00	100.00	3.00	3.00	1.36	45.33	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately schistosed wavy to crenulated, irregular low angle fracture (~10°-20°), broken & fragmented core @~98.00-99.00	Rare spes of sulfides (Not worth sampling)	
MTB-02	100.00	103.00	2.70	3.00	2.20	81.48	Greenish grey (pink patches)	Garnetiferous quartz biotite chlorite schist ± amphibole	Hard & compact	Fine - very course grained	Moderately schistosed, highly fractured & fragmented, high abundance of garnet towards bottom, quartz veins	Stringers of Chalcopyrite along schistosity at single place @~100.30 (Not worth sampling)	Gradational contact with the below meta-basic band
MTB-02			0.30				Greenish grey	Amphibole biotite schist/ Amphibolite (Metabasic intrusive)	Hard & compact	Fine - very course grained	Feeble schistosity .		
MTB-02	103.00	105.00	1.54	2.00	1.24	80.52	Greenish grey	Amphibole chlorite biotite schist/ Amphibolite (Metabasic intrusive)	Very Hard & compact	Fine grained	Moderately schistosed multiple fracture (~60°-80°) w.r.t CA thin to thick quartz feldspathic vein parallel to the schistosity		
MTB-03	0.00	3.00	0.31	3.00			Brown	Sandy soil	Soft & cohesive				
MTB-03	3.00	6.00	0.36	3.00			Brown yellow	Sandy soil	Soft & cohesive				
MTB-03	6.00	7.00	0.36	1.00			Brown yellow	Sandy soil	Soft, friable				
MTB-03	7.00	10.00	1.07	3.00			Yellow	Highly weathered schistosed rock + partially formed soil	Soft, friable	Fine grained	Highly weathered & oxidised		
MTB-03	10.00	13.00	0.75	3.00			Yellow	Highly wethered schistosed rock + partially formed soil	Soft, friable	Fine grained	Highly weathered & oxidised		
MTB-03	13.00	16.00	0.60	3.00			Yellowish grey	Partially to fully weathered schistosed rock	Moderate hard & friable	Fine grained	Strongly schistosed, highly fragmented core, core loss,		
MTB-03	16.00	19.00	1.45	3.00	0.33	22.76	Greenish grey	Amphibole biotite chlorite schist (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~25°-30°, highly fractured & fragmented , fracture parallel to schistosity , occasionally weathered & oxidised		
MTB-03	19.00	22.00	2.92	3.00	0.40	13.70	Greenish grey	Amphibole biotite chlorite schist ± quartz ± Albite	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, fracture parallel to schistosity low angle fracture , fragmented core,	Rare spes of sulfides (Not worth sampling)	HQ upto 21.00 ↑ HQ, on words 21.00↓NQ
MTB-03	22.00	25.00	2.94	3.00	1.27	43.20	Greenish grey	Amphibole biotite chlorite schist ± Albite (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°-55°, occasionally wavy to sigmoidal schistosity, fracture/ fragmented along schistosity, few low angle fracture, fragmented/ broken core , quartz veins		
MTB-03	25.00	28.00	2.90	3.00	1.09	37.59	Greenish grey	Amphibole chlorite biotite schist ± garnet ± Albite + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~45°-55°, irregular fractures, few fracture parallel to schistosity , quartz veins.		
MTB-03	28.00	31.00	2.97	3.00	1.98	66.67	Greenish grey	Amphibole chlorite biotite schist ± garnet ± Albite + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~45°-55°, irregular fractures, few fracture parallel to schistosity , quartz veins.		
MTB-03	31.00	34.00	2.96	3.00	1.44	48.65	Greenish grey	Garnetiferous amphibole chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~45°-50°, fracture along schistosity, large garnet porphyroclasts		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-03	34.00	37.00	2.60	3.00	0.84	32.31	Greenish grey	Garnetiferous amphibole biotite chlorite schist	Hard & compact	Fine to very coarse grained	Moderately strongly schistosed @~45°-50°, straight to wavy schistosity, multiple fracture along schistosity, fragmented core		
MTB-03			0.40				Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly moderately schistosed , large garnet porphyroclasts,		
MTB-03	37.00	40.00	2.90	3.00	1.28	44.14	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly moderately schistosed, large - garnet porphyroclasts/clusters, fracture high angle (>70°) , few low angle fracture (~30°) , oxidised low angle fracture.		
MTB-03	40.00	43.00	2.92	3.00	2.12	72.60	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly moderately schistosed, large - garnet porphyroclasts/clusters, fracture high angle (>70°) , few low angle fracture (~30°) , oxidised low angle fracture, quartz veins		
MTB-03	43.00	46.00	2.99	3.00	2.33	77.93	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately strongly schistosed , @~ 45°-50°, wavy , mostly fractured along schistosity ,	Minor specs & stringers of Chalcopyrite along schistosity place & inter-porphyroclasts area. (Not worth sampling)	
MTB-03	46.00	49.00	2.88	3.00	2.28	79.17	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°-50°, wavy, mostly fracture along schistosity , large garnet porphyroclasts , sometimes occuring as clusters	Minor stringers & specs of Chalcopyrite along schistosity	
MTB-03	49.00	52.00	2.92	3.00	2.25	77.05	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Large garnet porphyroclasts moderately strongly schistosed @~40°-50°, few fracture along schistosity.	Stringers of Chalcopyrite along schistosity	
MTB-03	52.00	55.00	2.90	3.00	2.16	74.48	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Large garnet porphyroclasts moderately strongly schistosed @~40°-50°, few fracture along schistosity.	Stringers & specs of Chalcopyrite along schistosity or along inter-porphyroclasts area.	
MTB-03	55.00	58.00	3.00	3.00	2.13	71.00	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Large garnet porphyroclasts sometimes occuring as clasters, moderately strongly schistosed @~40°-50° , few fracture along schistosity, wavy to sigmoidal nature of schistosity plane.	Veins & stringers of Chalcopyrite at places	
MTB-03	58.00	61.00	2.84	3.00	2.20	77.46	Pink grey	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive@~60.58-61.00	Hard & compact	Fine to very coarse grained	Large garnet porphyroclasts schistosed @~45°-50°, mostly fractured along schistosity , few low angle irregular fracture.	Few stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-03	61.00	64.00	3.00	3.00	2.33	77.67	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Large - very large garnet porphyroclasts , moderate to strongly schistosed , fracture /fragmented at place @high (> 70°) angle , few fracture parallel to schistosity	Rare specs /stringers of Chalcopyrite along schistosity. (Not worth sampling)	
MTB-03	64.00	67.00	3.00	3.00	2.44	81.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately to strongly schistosed @~45°-50° , few fractures parallel to schistosity	Few erratic isolated stringers @~64.50. 64.90, 65.50-66.00	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-03	67.00	70.00	3.00	3.00	2.29	76.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately to strongly schistosed @~50°, w.rt CA, wavy to folded schistosity, fracture parallel to schistosity. Few fracture@~45°-50°, occuring discordant to foliation.	Few stringers of Chalcopyrite along with disseminated specs of Chalcopyrite along schistosity. (Not worth sampling)	
MTB-03	70.00	73.00	2.96	3.00	2.65	89.53	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately schistosed @~50°, few fractures @~50°, large garnet porphyroclasts.	Few disseminated specs along schistosity. (Not worth sampling)	
MTB-03	73.00	76.00	2.74	3.00	1.77	64.60	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately schistosed @~40°-50°, occasionally varries to low angle (~10°-20°) due to local folding, wavy schistosity, mostly fracture along schistosity	Few stringers & specs along schistosity & fracture with in the granet porphyroclarts	
MTB-03	76.00	79.00	3.00	3.00	2.09	69.67	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Moderately strongly schistosed @~45°-50°, occasionally schistosity angle varries to very low angle (~10°-20°) w.rt CA, low angle fracture parallel to schistosity.	Stringers & disseminated specs of Chalcopyrite along schistosity,	
MTB-03	79.00	82.00	3.00	3.00	2.32	77.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Cluster of large to very large garnet porphyroclasts, strongly schistosity @~40°-50°.	Stringers of Chalcopyrite along schistosity, along with disseminated specs.	
MTB-03	82.00	85.00	3.00	3.00	2.48	82.67	Dark greenish grey with pink patches	Garnetiferous quartz chlorite biotite schist ± amphibole	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°-50°, wavy to sigmoidal schistosity, few fracture along schistosity, schistosity parallel quartz vein.	Few specs of pyrite & Chalcopyrite along schistosity (Not worth sampling)	
MTB-03	85.00	88.00	3.00	3.00	2.34	78.00	Dark greenish grey with pink patches	Garnetiferous quartz chlorite biotite schist ± amphibole	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°-50°, wavy to sigmoidal schistosity, few fracture along schistosity, schistosity parallel quartz vein.	Rare stringers & specs of Chalcopyrite along schistosity (Not worth sampling)	
MTB-03	88.00	91.00	3.00	3.00	1.78	59.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~45°-50°, multiple fracture parallel to schistosity, @~50°, fragmented core, large - very large porphyroclasts of garnet	erratic stringers & specs of Chalcopyrite & pyrite along schistosity (Not worth sampling)	
MTB-03	91.00	94.00	3.00	3.00	2.26	75.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°-50°, large - very large porphyroclasts of garnet, few fracture along schistosity, also irregular fractures.	Clustered stringers along schistosity at few places, also disseminated specs of Chalcopyrite throughout the core.	
MTB-03	94.00	97.00	2.88	3.00	1.46	50.69	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive (~30 cm)	Hard & compact	Fine to very coarse grained	Moderately schistosed @~45°-50°, few fracture parallel to schistosity.	Dissemination specs & erratic stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-03	97.00	100.00	3.00	3.00	2.17	72.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive@~97.5-98.5	Hard & compact	Fine to very coarse grained	Moderately strongly schistosed @~40°-50°, few fracture along schistosity, large to very large garnet porphyroclasts, also cluster of garnet at places.	Few specs & stringers of Chalcopyrite (Not worth sampling)	
MTB-03	100.00	103.00	3.00	3.00	2.71	90.33	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive	Hard & compact	Fine to very coarse grained	Moderately strongly schistosed @~40°-50°, few fracture along schistosity, large to very large garnet porphyroclasts, also cluster of garnet at places.	Few dissemination specs of Chalcopyrite (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-03	103.00	106.00	2.92	3.00	2.49	85.27	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive	Hard & compact	Fine to very coarse grained	Moderately to strongly schistosed, multiple fracture @~60°-70°, large- very large garnet porphyroclasts, occasionally clustered.	Stringers & specs of Chalcopyrite along schistosity & inter porphyroclasts area	
MTB-03	106.00	109.00	2.99	3.00	2.62	87.63	Dark grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic intrusive	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°-45°, wavy type schistosity, large to very large garnet porphyroclasts, occasionally clustered.	Stringers along schistosity at place also dissemination specs of Chalcopyrite	
MTB-03	109.00	112.00	3.00	3.00	2.69	89.67	Greenish grey with pink patches	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~45°-50°, few fracture parallel to schistosity, large to very large garnet porphyroclasts, occasionally clustered.		
MTB-03	112.00	115.00	3.00	3.00	2.38	79.33	Greenish grey with pink patches	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine to very coarse grained	Strongly schistosed @~45°-50°, few fracture parallel to schistosity, large to very large garnet porphyroclasts, occasionally clustered.		
MTB-04	0.00	3.00	0.18	3.00	-		Brown	Top soil	Loose friable	Sandy, fine-medium grained			
MTB-04	3.00	6.00	0.23	3.00	-		Brown	Top soil	Loose friable	Sandy, fine-medium grained			
MTB-04	6.00	7.00	0.51	1.00	-		Brownish grey	Loose pebbles/gravels	Loose				
MTB-04	7.00	10.00	0.74	3.00	-		Yellow	Soil	Loose, cohesive, soft	Fine grained			
MTB-04	10.00	13.00	0.86	3.00	-		Yellow	Soil	Loose, cohesive, soft	Fine grained			
MTB-04	13.00	16.00	1.56	3.00	-		Yellow	Soil	Loose, cohesive, soft	Fine grained			
MTB-04	16.00	19.00	1.21	3.00	-		Yellow	Soil	Loose, cohesive, soft	Fine grained			
MTB-04	19.00	22.00	1.58	3.00	-		Yellowish grey	Partially to fully weathered / oxidised schistosed rock	Soft to moderate hard , cohesive to compact at places	Fine grained	Schistosed , highly fractured , oxidised		
MTB-04	22.00	25.00	2.64	3.00	0.42	15.91	Greenish grey	Quartz amphibole chlorite biotite schist (Metabasic schist) (partially oxidised along fracture)	Hard & compact	Fine grained	Strongly schistosed @~40° w.r.t CA , highly fractured at place broken & fragmented core, core loss, partially oxidised along fracture		
MTB-04	25.00	28.00	2.98	3.00	1.30	43.62	Greenish grey	Quartz amphibole chlorite biotite schist (Metabasic schist) (partially oxidised along fracture)	Hard & compact at place moderate hard & friable	Fine grained	Strongly schistosed @~ 40°-45° w.r.t CA highly fractured, fragmented broken core, oxidised along fracture silicified at place		
MTB-04	28.00	31.00	2.68	3.00	0.31	11.57	Greenish grey	Quartz amphibole chlorite biotite schist (Metabasic schist) (partially oxidised along fracture)	Hard & compact at place moderate hard & friable	Fine grained	Strongly schistosed @~40°-45° highly fractured & fragmented & broken core, at place fully to partially oxidised along fractured , brecciated quartz veins		
MTB-04	31.00	34.00	2.86	3.00	1.56	54.55	Greenish grey	Quartz amphibole chlorite biotite schist ± Garnet (Metabasic schist)	Hard & compact	Fine-medium grained	Strongly schistosed @~45°-50°, multiple fracture @~50°-60°, few low angle fracture @~ 20°-30°, oxidation along few fracture, brecciated quartz vein		
MTB-04	34.00	37.00	3.00	3.00	1.22	40.67	Greenish grey	Quartz amphibole chlorite biotite schist ± Garnet (Metabasic schist)	Hard & compact	Fine-medium grained	Strongly schistosed @~45°-50°, multiple fracture @~ 50°-60°, fragmented along with partial oxidation at bottom brecciated quartz vein		
MTB-04	37.00	40.00	2.94	3.00	1.43	48.64	Greenish grey	Quartz amphibole chlorite biotite schist ± Garnet (Metabasic schist), (silicified at places)	Hard & compact	Fine-medium grained	Strongly schistosed few schistosity parallel , conjugate fracture, garnet clusters		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-04	40.00	43.00	1.47	3.00	1.78	59.53	Greenish grey	Garnetiferous amphibole quartz chlorite biotite schist (Metabasic schist) (occasionally silicified)	Hard & compact	Fine-medium grained	Strongly schistosed @~ 40°-45°, few fracture,		
MTB-04			1.52				Pinkish grey	Garnetiferous quartz chlorite biotite schist ± muscovite ± amphibole	Hard & compact	Fine-course grained	Large garnet partly roclasts strongly schistosed @~ 45°, quartz vein parallel to schistosity, schistosity parallel fracture		Gradational contact
MTB-04	43.00	46.00	2.97	3.00	2.36	79.46	Pinkish grey	Garnetiferous quartz chlorite mica schist ± muscovite	Very hard & compact	Fine - very course grained	Strongly schistosed @~40°-45°, wavy, fracture along schistosity, few quartz vein	Dissemination of spces & stringers of chalcopryrite & pyrite along schistosity (43-44.00 @~0.10-0.20%)	
MTB-04	46.00	49.00	2.84	3.00	2.32	81.69	Pinkish grey	Garnetiferous quartz chlorite mica schist ± muscovite	Hard & compact	Fine grained	Moderately strongly schistosed @~ 45°-50°, wavy, fractured along schistosity, few irregular fracture, sheared & brecciated quartz vein		
MTB-04	49.00	52.00	3.00	3.00	1.87	62.33	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Large to very large garnet porphyroblasts or cluster, moderately to strongly schistosed, wavy schistosity, few fracture @~50°-60°, occasionally broken core	Dissemination, of stringers & veinlets, spces of chalcopryrite along schistosity, along porphyroblast clusters	50-51
MTB-04	52.00	55.00	3.00	3.00	2.52	84.00	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Large to very large garnet porphyroblasts, feeble to moderate schistosity @~40°, wavy to sigmoidal schistosity, few fractures @~50°-60°.	Dissemination, of stringers & veinlets, spces of chalcopryrite along schistosity, along porphyroblast clusters	
MTB-04	55.00	58.00	2.91	3.00	2.42	83.16	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Feble to moderately schistosed @~40°-45°, fracture along schistosity, occasionally broken core, sheared quartz vein	Dissemination, of stringers & veinlets, spces of chalcopryrite along schistosity, along porphyroblast clusters	
MTB-04	58.00	61.00	2.91	3.00	1.91	65.64	Pinkish grey	Garnetiferous quartz chlorite mica schist + band of metabasic schist @ ~58.30-59.10	Hard & compact	Fine - very course grained	Moderately schistosed @~40°, large to very large garnet porphyroblasts, sheared & brecciated quartz vein, sharp contact between metabasic & garnet - quartz mica schist	Stringers & veins of chalcopryrite along schistosity & fractures quartz vein clasts	
MTB-04	61.00	64.00	3.00	3.00	2.39	79.67	Pinkish grey	Garnetiferous quartz chlorite mica schist + band of metabasic schist @ ~58.30-59.10	Hard & compact	Fine - very course grained	Large to very large porphyroblasts of garnet, moderate to strong schistosity @~45°-50°, wavy to sigmoidal schistosity, fracture parallel to schistosity	Stringers of chalcopryrite along schistosity & along porphyroblast clusters	
MTB-04	64.00	67.00	3.00	3.00	2.27	75.67	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately strongly schistosity, @~45°-50°, large- very large porphyroblasts of garnet, fractured parallel to schistosity, few irregular low angle (~2°-30°) fractures along with fragmented core,	Dissemination of spces & stringers of chalcopryrite along schistosity	
MTB-04	67.00	70.00	2.93	3.00	2.29	78.16	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately to strongly schistosed @~45°-50°, large- very large garnet porphyroblasts or clusters, few fractures parallel to schistosity.	Dissemination of spces & stringers of chalcopryrite along schistosity	67-68.50

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-04	70.00	73.00	2.92	3.00	2.19	75.00	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately to strongly schistosed @~45°-50°, large- very large garnet porphyroblasts or clusters, few fracture parallel to schistosity, low angle fracture @~ 25°.	Rare occurence of chalcopyrite spes & stringers along schistosity (NWS)	
MTB-04	73.00	76.00	3.00	3.00	1.86	62.00	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately to strongly schistosed @~40°-45°, fractured along schistosity , minor sheared quartz vein, large to very large garnet porphyroblasts & clusters.	Intermittant cluster of chalcopyrite stringers along schistosity	
MTB-04	76.00	79.00	2.77	3.00	1.20	43.32	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Moderately to strongly schistosed @~40° w.r.t. CA, wavy to sigmoidal schistosity , highly fractured & fragmented zone @~ 78-79.00, sheared quartz vein.	Dissemination of spes & stringers of chalcopyrite along schistosity	
MTB-04	79.00	82.00	2.78	3.00	2.21	79.50	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Strongly schistosed @~40°, wavy to sigmoidal schistosity , sheared & brecciated quartz vein, few fracture parallel to schistosity	Dissemination of spes & stringers chalcopyrite, massive vein & chalcopyrite along quartz vein fracture	
MTB-04	82.00	85.00	0.74	3.00	1.95	68.66	Pinkish grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine - very course grained	Strongly schistosed @~40°, wavy to sigmoidal schistosity , sheared & brecciated quartz vein, few fracture parallel to schistosity		
MTB-04			0.72				Pinkish white	Garnetiferous quartzite	Very hard & compact	Fine-course grained	Massive to feebly schistosed , at place , sharp contact , few fracture @~60°-80°.		
MTB-04			1.38				Greenish grey with pink	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine-course grained	Strongly schistosed @~40°-45°, wavy schistosity , fracture along schistosity.		
MTB-04	85.00	88.00	2.80	3.00	2.22	79.29	Greenish grey with pink patches/spots	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine-course grained	Strongly schistosed @~20°-30°, strongly sheared , highly fractured parallel to schistosity , broken & fragmented core.		Sharp contact
MTB-04	88.00	91.00	3.00	3.00	1.40	46.67	Greenish grey with pink patches/spots	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine-course grained	Strongly schistosed @~20°-30°, strongly sheared , highly fractured parallel to schistosity , broken & fragmented core.		
MTB-04	91.00	94.00	2.99	3.00	0.80	26.76	Greenish grey with pink patches/spots	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine-course grained	Strongly schistosed @~20°-30°, strongly sheared , highly fractured parallel to schistosity , broken & fragmented core few irregular fracture @~30°-50°.		
MTB-04	94.00	97.00	2.78	3.00	2.01	72.30	Greenish grey with pink patches/spots	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine-course grained	Strongly schistosed @~20°-30°, strongly sheared, fracture /splitted along schistosity , sheared quartz vein.		
MTB-05	0.00	3.00	0.09	3.00	0.00	0.00	Yellow	Top soil	Loose & friable				
MTB-05	3.00	6.00	0.11	3.00	0.00	0.00	Yellow	Top soil	Loose & friable				
MTB-05	6.00	9.00	0.35	3.00	0.00	0.00	Yellow brown	Loose soil with bands of oxidised schistosed rock	Loose & friable conesive occasionally friable	Fine grained			
MTB-05	9.00	10.00	0.99	1.00	0.00	0.00	Yellow brown	Loose soil with bands of oxidised schistosed rock	Loose & friable conesive occasionally friable	Fine grained			

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-05	10.00	12.00	1.01	2.00	0.00	0.00	Yellow grey	Highly weathered schistosed rock with partially formed soil	Loose & friable conesive occasionally friable	Fine grained			
MTB-05	12.00	13.00	0.39	1.00	0.00	0.00	Yellow grey	Pebbly & rock fragments of highly weatered schistosed rock	Loose & friable conesive occasionally friable	Fine grained			
MTB-05	13.00	13.50	0.22	0.50	0.00	0.00	Yellow grey	Fragmented core of weathered schistosed rock	Moderate hard	Fine grained	Schistosed, highly fragmented		
MTB-05	13.50	14.50	0.60	1.00	0.00	0.00	Yellow grey	Fragmented core of weathered schistosed rock	Moderate hard	Fine grained	Schistosed, highly fractured & fragmented, oxidised		
MTB-05	14.50	16.00	0.93	1.50	0.00	0.00	Yellow grey	Highly weathered /oxidised schistosed rock	Moderate hard	Fine grained	Schistosed, highly fractured & fragmented, oxidised		
MTB-05	16.00	19.00	1.27	3.00	0.00	0.00	Yellow grey	Highly weathered /oxidised schistosed rock (partially formed soil)	Moderate hard	Fine grained	Schistosed, highly fractured & fragmented, oxidised		
MTB-05	19.00	22.00	1.86	3.00	0.00	0.00	Yellow grey	Highly weathered /oxidised schistosed rock (partially formed soil)	Moderate hard to soft at places	Fine grained	Strongly sheared, highly fractured & fragmented, anastomoshing shear pattern, highly oxidised		
MTB-05	22.00	25.00	3.07	3.00	0.00	0.00	Yellow grey	Strongly sheared & faulted schistosed rock (highly oxidised)	Hard & compact	Fine grained	Strongly schistosed & sheared, anastomoshing shearing, microfolds, fully oxidised, occasionally highly fractured & fragmented		
MTB-05	25.00	28.00	3.02	3.00	0.00	0.00	Yellow dark grey	Strongly sheared & brecciated schistosed rock (partially to fully oxidised)	Moderate hard & friable	Fine grained	Strongly sheared & brecciated anastomoshing shearing, microfolds, partially to fully oxidised at place, highly fractured & fragmented		
MTB-05	28.00	29.00	0.93	1.00	0.00	0.00	Greenish grey	Strongly sheared & brecciated Metabasic schist (partially oxidised)	Moderate hard & friable	Fine grained	Strongly schistosed, sheared & brecciated, anastomoshing shearing pattern, highly fractured & fragmented along shear plane, partially to fully oxidised		
MTB-05	29.00	30.00	0.63	1.00	0.00	0.00	Greenish grey	Strongly sheared & brecciated Metabasic schist (partially oxidised)	Moderate hard & friable	Fine grained	Strongly schistosed, sheared & brecciated, highly fractured & fragmented		
MTB-05	30.00	31.00	1.02	1.00	0.12	11.76	Greenish grey	Feldspathic amphibole biotite chlorite schist (Metabasic schist)	Moderate hard	Fine grained	Strongly schistosed @~20°-25°, highly friable along schistosity, high amount of irregular hairline fracture,		
MTB-05	31.00	32.00	1.04	1.00	0.00	0.00	Greenish grey	Feldspathic amphibole biotite chlorite schist (Metabasic schist)	Moderate hard	Fine grained	Strongly schistosed @~10°-20°, highly fractured & fragmented, broken & crushed core, irregular fracture		
MTB-05	32.00	33.00	1.03	1.00	0.00	0.00	Greenish grey	Feldspathic amphibole biotite chlorite schist (Metabasic schist)	Moderate hard	Fine grained	Strongly schistosed @~10°-20°, occasionally thin anastomoshing shear zone near parallel to CA, highly fractured & fragmented.		
MTB-05	33.00	34.00	0.96	1.00	0.00	0.00	Greenish grey	Feldspathic amphibole biotite chlorite schist (Metabasic schist)	Moderate hard & compact	Fine grained	Schistosed, higly fractured & brecciated, fault gouge, island channel structure, broken & fragmented core		
MTB-05	34.00	35.00	0.95	1.00	0.00	0.00	Greenish grey	Feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~20°-30°, straight to wavy, fractured & fragmented, oxidised along fracture, anastomoshing shear fracture		
MTB-05	35.00	36.00	0.81	1.00	0.00	0.00	Yellow grey	Highly oxidised, friable & fragmented schistosed rock	Fragmented & powdered	Fine grained	Broken, fragmented & powdered, fault zone rock		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-05	36.00	37.00	0.96	1.00	0.00	0.00	Yellow grey	Highly oxidised, friable & fragmented schistosed rock	Fragmented & powdered	Fine grained	Broken, fragmented & powdered, fault zone rock		
MTB-05	37.00	38.00	0.63	1.00	0.00	0.00	Yellow	Highly oxidised faulted schistosed rock	Soft & friable	Fine grained	Schistosed, highly fractured, fragmented, crushed core, slicken lines, loose and fragmented, core lose		
MTB-05	38.00	38.20	0.30	0.20	0.00	0.00	Yellow	Highly oxidised faulted schistosed rock	Soft & friable	Fine grained	Schistosed, highly fractured, fragmented, crushed core, slicken lines, loose and fragmented, core lose		
MTB-05	38.20	39.00	1.16	0.80	0.00	0.00	Greenish grey	Partially oxidised faulted rock fragments/bentenders of Metabasic schist	Hard & compact	Fine grained	Schistosed, fragmented & broken rock pebbles /benders, core loss		
MTB-05	39.00	40.00	0.62	1.00	0.00	0.00	Greenish grey	Partially oxidised schistosed faulted rock (Metabasic schist)	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented, broken core, loose pebbles, slicken lines, core loss		
MTB-05	40.00	40.20	0.20	0.20	0.00	0.00	Greenish grey	Partially oxidised schistosed faulted rock (Metabasic schist)	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented, broken core, loose pebbles, slicken lines, core loss		
MTB-05	40.20	41.00	0.73	0.80	0.00	0.00	Dark grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Schistosed highly fractured & fragmented, crushed core, slicken lines, core loss fault zone rock, fracture angle is (0°-50°) w.rt CA		
MTB-05	41.00	42.00	0.78	1.00	0.00	0.00	Dark grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Schistosed, highly fractured & fragmented, crushed core, slicken lines, core loss, fault zone rock, fracture angle is (0°-50°) w.rt CA		
MTB-05	42.00	43.00	1.07	1.00	0.00	0.00	Greenish grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Schistosed, highly crushed fractured & fragmented core, grain size reduction, slicken lines, core loss, fault zone rock, fracture angle is @~ 0°-50° with CA		
MTB-05	43.00	44.00	1.01	1.00	0.00	0.00	Greenish grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Schistosed, highly crushed, fractured & fragmented core, grain size reduction, slicken lines, core loss, fault zone rock, few fracture angle is @~ 0°-50° with CA, fault plane angle is @~5°-10° w.rt CA		
MTB-05	44.00	45.00	0.92	1.00	0.00	0.00	Greenish grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Schistosed, highly crushed, fractured & fragmented core, grain size reduction, slicken lines, core loss, fault zone rock, few fracture angle is @~ 0°-50° with CA, fault plane angle is @~5°-10° w.rt CA		
MTB-05	45.00	46.00	0.90	1.00	0.00	0.00	Greenish grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Strongly sheared @~ 0°-5° w.rt CA, crused core, slicken lines, friable along shear plane.		
MTB-05	46.00	47.00	1.01	1.00	0.00	0.00	Greenish grey	Faulted & crushed Metabasic schist	Moderate hard & friable	Very fine grained	Strongly sheared @~ 0°-5° w.rt CA, crused core, slicken lines, friable along shear plane.		
MTB-05	47.00	49.00	1.96	2.00	0.39	19.90	Greenish grey	Quartz feldspathicamphibole chlorite biotite schist ± epidote (Metabasic schist) (altered at place)	Hard & compact	Very fine grained	Strongly schistosed @~20°-30°, occasional thin shear zone (0°-5°), sub - parallel to CA, fractured & fragmented along schistosity.		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-05	49.00	52.00	3.06	3.00	0.56	18.30	Greenish grey	Quartz feldspathicamphibole biotite chlorite muscovite schist ± epidote (altered Metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed @~30° towards top & schistoity angle is ~50° wrt CA towards bottom thin, sub-parallel to low angle (~0°-10°) sheare zone oblique to schistosity plane, fracture/ fragmented along schistosity.		
MTB-05	52.00	54.00	1.89	2.00	1.22	64.55	Greenish grey	Quartz feldspathicamphibole chlorite biotite schist ± epidote ± muscovite (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, fracture / fragmented along schistosity, thin schistosity parallel quartz veins.		
MTB-05	54.00	55.00	0.98	1.00	0.00	0.00	Greenish grey	Quartz feldspathic-biotite-chlorite-muscovite - schist ±amphibole ± epidote (altered Metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed @~30°-40°, highly fractured & fragmented, broken core.		
MTB-05	55.00	56.00	1.00	1.00	0.34	34.00	Greenish grey	Quartz feldspathic-biotite-chlorite-muscovite - schist ±amphibole ± epidote (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, fractured & fragmented, broken core.		
MTB-05	56.00	57.00	0.91	1.00	0.68	74.73	Greenish grey	Quartz feldspathic-biotite-chlorite-muscovite - schist ±amphibole ± epidote (altered Metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed, fractured along schistosity, few irregular fracture.		
MTB-05	57.00	58.00	1.03	1.00	0.62	60.19	Greenish grey	Quartz feldspathic-biotite-chlorite-muscovite - schist ±amphibole ± epidote (altered Metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed, fractured along schistosity, few irregular fracture.		
MTB-05	58.00	61.00	2.99	3.00	1.72	57.53	Greenish grey	Quartz feldspathic - biotite -chlorite - muscovite schist ±amphibole ± fuchsite	Hard & compact	Fine grained	Strongly schistosed @~30°-40° wrt CA, highly fracture/ splitted along schistosity, Fuchsite rich Muscovite bearing zone at bottom.		
MTB-05	61.00	64.00	2.78	3.00	0.79	28.42	Grey to greenish gery	Quartz feldspathic - biotite -chlorite - muscovite schist ±amphibole ± fuchsite (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, mostly fracture/splitted along schistosity, Fuchsite & muscovite rich zone at top, broken core		
MTB-05	64.00	67.00	3.00	3.00	1.83	61.00	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Strongly schistosed @~45-50°, mostly fracture along schistosity, few fracture @~70°-80° w.r.t CA, thin quartz veins.	Grains of chalcopyrite alongside quartz vein @~66.90 (NWS)	
MTB-05	67.00	70.00	3.03	3.00	2.40	79.21	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Strongly schistosed @~45-50°, mostly fracture along schistosity, few fracture @~70°-80° w.r.t CA, thin quartz veins.		
MTB-05	70.00	73.00	2.94	3.00	1.65	56.12	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Moderately strongly schistosed @~45°-50°, few fracture @~70°-80°, low angle fracture @~10°-20°, along with few schistosity parallel fracture, thin schistosity parallel quartz veins.	Thin minor stringers of chalcopyrite along schistosity @72.50-73.00 and along fractures (<0.10%) (NWS)	
MTB-05	73.00	76.00	3.00	3.00	2.31	77.00	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Moderately strongly schistosed @~45°-50°, w.r.t CA, mostly fracture along schistosity place, occasionally thin quartz veins.	Stringers of chalcopyrite along some channel /vein parallel to schistosity (NWS)	
MTB-05	76.00	79.00	2.99	3.00	2.54	84.95	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Moderately to strongly schistosed @~40°-45°, few fracture parallel to the schistosity, thin quartz veins.	Fracture filling vein of chalcopyrite & pyrite @78.30, also minor stringers of Chalcopyrite parallel to schistosity.	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-05	79.00	82.00	2.89	3.00	1.97	68.17	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Very hard & compact	Very fine grained	Moderately to strongly schistosed @~40°-45°, mostly fracture parallel to the schistosity. occasional conjugate fracture @~80.00m, thin schistosity parallel quartz veins, potassic alteratoin.	Veins & stringers of chalcopyrite , pyrrhotite & minor pyrite	
MTB-05	82.00	85.00	2.88	3.00	1.77	61.46	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Hard & compact	Very fine grained	Moderately to strongly schistosed @~40°-50°, fracture parallel to schistosity, few fracture (~40°-50°) discordant to schistosity, potassic alteration	Rare stringers of chalcopyrite	
MTB-05	85.00	88.00	2.96	3.00	2.26	76.35	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Hard & compact	Very fine grained	Moderately to strongly schistosed @~50°-55°, few fracture parallel to schistosity, schistosity parallel thin quartz veins, potassic alteration	Massive patches & stringers , veins of chalcopyrite & pyrrhotite along schistosity of the host rock	
MTB-05	88.00	91.00	1.91	3.00	1.84	63.23	Dark greenish grey	Quartz feldspathic -amphibole -chlorite-biotite schist (Metabasic schist) altered & silicified)	Hard & compact	Very fine grained	Moderately schistosed, few fracture along schistosity, potassic alteration, sheared & brecciated quartz vein	Stringers & patches , veins of chalcopyrite along schistosity & along same channel	
MTB-05			1.00	0.00			Pinkish grey	Granite gneiss	Very hard & compact	Fine grained	Feeble foliation, multiple fracture @~40°-60°, bands of altered chlorite rich zone		Gradational contact
MTB-05	91.00	94.00	2.92	3.00	1.60	54.79	Pinkish grey	Granite gneiss (altered)	Very hard & compact	Very fine grained	Feeble foliation, multiple fracture @~15°-10°, occasionally fragmented core few fracture @~70°-80°, quartz veins	Stringers of chalcopyrite along fracture filling quartz veins at bottom	
MTB-05	94.00	97.00	2.96	3.00	1.05	35.47	Pinkish grey	Granite gneiss (altered)	Very hard & compact	Very fine grained	Feeble moderately developed foliation, multiple low angle fracture (~20°), few fracture @~70°-80°, fragmented /broken core	Massive fracture fillings veins of chalcopyrite & pyrrhotite at bottom	
MTB-05	97.00	100.00	3.06	3.00	1.39	45.42	Pinkish grey	Granite gneiss (altered)	Very hard & compact	Very fine grained	Feeble to moderately developed foliation, highly fracture /fragmented & broken core, multiple fracture @~50°-60°, quartz veins	Stringers of chalcopyrite along fracture filling quartz vein @ 99.10, 98.50	
MTB-05	100.00	103.00	3.00	3.00	2.21	73.67	Pinkish grey	Granite gneiss (altered)	Very hard & compact	Fine grained	Feeble to moderately developed foliation, highly irregularly fracture @ multiple angle rokges fracture (~45°-70°), fragmented core,	Veins of chalcopyrite along some fracture filling quartz vein	
MTB-05	103.00	106.00	2.86	3.00	2.08	72.73	Pinkish grey	Granite gneiss (altered)	Very hard & compact	Fine grained	Feeble foliation, multiple fracture @~45°-70°, fragmented core @ 104.00, occasionally low angle vein of quartz		
MTB-05	106.00	109.00	2.89	3.00	1.59	55.02	Pink grey	Granite gneiss (occasional altered) + quartz veins	Hard & compact	Fine grained	Feeble foliation, low angle fracture @~20°-30°, occasionally irregular fracture along with broken & fragmented core, potassic alteration at place	Massive patches of chalcopyrite & pyrrhotite along fracture filling veins.	
MTB-05	109.00	110.00	0.99	1.00	0.64	64.65	Pink grey	Granite gneiss (occasional altered) + quartz veins	Hard & compact	Fine grained	Feeble foliation, few fractures, fragmented core		
MTB-05	110.00	112.00	0.74	2.00	0.39	52.70	Pink grey	Granite gneiss (occasional altered) + quartz veins	Hard & compact	Fine grained	Fractured & fragmented broken core, core loss,		
MTB-05	112.00	113.00	0.93	1.00	0.47	50.54	Pink grey	Granite gneiss (occasional altered) + quartz veins	Hard & compact	Fine grained	Feeble foliation, fractured & fragmented, broken core, fracture angle @~50° w.r.t CA.		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-06	0.00	3.00	1.03	3.00			Yellow brown	Loose sandy top soil	Loose cohesive				
MTB-06	3.00	6.00	1.03	3.00			Yellow brown	Loose sandy top soil	Loose cohesive				
MTB-06	6.00	7.00	0.55	1.00			Yellow brown	Loose sandy top soil	Loose cohesive				
MTB-06	7.00	10.00	1.49	3.00			Yellow grey	Loose fragmented pebbles and boulders of quartzite	Hard & compact	Fine grained	Highly fragmented		
MTB-06	10.00	13.00	2.00	2.09			Yellow grey	Loose fragmented pebbles and boulders of quartzite	Very hard & compact	Very fine grained	Massive highly fractured / fragmented, oxidised along fracture		
MTB-06			0.87	0.91			Yellow brown	Loose soil	Loose & cohesive	Fine grained	Loose		
MTB-06	13.00	16.00	2.08	3.00			Yellow brown	Highly oxidised schistosed rock with partially formed soil	Loose to moderate hard towards bottom	Fine grained	Strongly schistosed, highly oxidised, highly fractured/ fragmented		
MTB-06	16.00	19.00	2.67	3.00			Yellow grey	Quartzite	Very hard & compact	Very fine grained	Massive to feebly foliated, highly fractured & fragmented, oxidised along fracture, angular fragmented boulders /cobbles, pebbles		
MTB-06	19.00	22.00	2.31	3.00			Yellow grey	Quartzite	Very hard & compact	Very fine grained	Massive to feebly foliated, highly fractured & fragmented, oxidised along fracture, angular fragmented boulders /cobbles, pebbles		
MTB-06	22.00	25.00	1.20	1.20			Yellow grey	Quartzite	Very hard & compact	Very fine grained	Massive to feebly foliated, highly fractured & fragmented, oxidised along fracture, angular fragmented boulders /cobbles, pebbles		
MTB-06			1.80	1.80			Yellow brown	Highly weathered schistosed rock with partially to fully formed soil towards bottom	Loose & cohesive	Fine grained	Schistosed, highly oxidised, partially to fully formed soil towards bottom		
MTB-06	25.00	28.00	3.00	3.00			Yellow brown	Loose soil	Loose & cohesive	Fine grained			
MTB-06	28.00	31.00	1.45	3.00			Yellow brown	Loose soil with bands of oxidised schistosed rock at bottom	Loose & cohesive, moderate hard at bottom	Fine grained	Fragments of oxidised schistosed rock at bottom		
MTB-06	31.00	34.00	2.11	3.00	1.19	56.40	Light grey	Chlorite mica schist (biotite chlorite muscovite schist) (kaolinised) + carbonate vein	Hard & compact	Fine -medium grained	Strongly schistosed @20°-40°, highly wavy to sigmoidal schistosity, multiple fracture @~ 30°-40°, almost parallel to schistosity, carbonate veins		
MTB-06	34.00	37.00	2.92	3.00	1.39	47.60	Light grey	Chlorite mica schist (biotite chlorite muscovite schist) (kaolinised) + carbonate vein +bands of biotite -chlorite schist	Hard & compact	Fine -medium grained	Strongly schistosed @~30°-40°, wavy to sigmoidal schistosity, multiple fracture along the schistosity, quartz carbonate vein		
MTB-06	37.00	40.00	3.00	3.00	1.42	47.33	Light grey	Chlorite mica schist (biotite chlorite muscovite schist) (kaolinised) + carbonate vein +bands of biotite -chlorite schist	Hard & compact	Fine grained	Strongly schistosed, multiple low angle fracture @~20°, fractures @~50°, fragmented & broken core, oxidised along fracture		
MTB-06	40.00	43.00	2.00	2.00	0.74	24.67	Light grey	Chlorite biotite muscovite schist (kaolinised) + veins of carbonate	Hard & compact	Very fine grained	Strongly schistosed @~20°-30°, fractured/ splitted along schistosity,		
MTB-06			1.00	1.00			Greenish grey	Metabasic schist (amphibole +biotite - chlorite schist) (silicified)	Very hard & compact	Fine grained	Moderately schistosed @~20°-30°, banded silicified zone, highly fractured @~30°-40°, broken & fragmented zone.	Stringers of Pyrite & Chalcopyrite along schistosity (fracture 0.10% @ 1.00m)	
MTB-06	43.00	46.00	3.00	3.00	0.99	33.00	Greenish grey to grey	Metabasic schist (amphibole +biotite - chlorite schist) (silicified)	Hard & compact	Fine grained	Feeble to moderately schistosed @~20°-30°, fractured along schistosity, also few irregular high angle fracture strongly silicified.	Stringers & veins of Pyrite & Chalcopyrite along local shear zones & schistosity	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-06	46.00	49.00	3.00	3.00	1.79	59.67	Grey to greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist (metabasic schist) (silicified)	Very hard & compact	Very fine grained	Feeble to strongly schistosed @~20°, fracture along schistosity, fragmented & broken core @~47.00	Very rare spces of sulfides (Not worth sampling)	HQ.
MTB-06	49.00	52.00	3.00	3.00	1.40	46.67	Grey to greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist (metabasic schist) (silicified)	Very hard & compact	Very-fine grained	Moderately to strongly schistosed @~20°, fracture along schistosity, also few fracture @~50°-60°, highly fractured & fragmented core.		HQ
MTB-06	52.00	55.00	2.86	3.00	0.93	32.52	Grey to greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist (metabasic schist) (silicified)	Very hard & compact	Fine grained	Moderately to strongly schistosed @~20°-30°, fracture along schistosity, also fracture @(-50°), highly fragmented & broken core, oxidised along fracture	Stringers of Chalcopyrite along schistosity 0.20-0.30% @ 0.20m (54.40-54.60) (Not worth sampling)	HQ core ↑ down to 54.00. NQ downwords ↓
MTB-06	55.00	58.00	3.00	3.00	1.33	44.33	Grey to greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist (metabasic schist) (silicified) + garnet	Very hard & compact	Fine grained	Moderately to strongly schistosed @~30°, highly fractured along schistosity, few irregular fracture at comperatively highly angle (~50°-60°), fragmented core, oxidised along few fracture		
MTB-06	58.00	61.00	2.89	3.00	1.49	51.56	Grey to greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist (metabasic schist) (silicified) + garnet	Very hard & compact	Fine grained	Moderately to strongly schistosed @~30°, highly fractured along schistosity, few irregular fracture at comperatively highly angle (~50°-60°), fragmented core, oxidised along few fracture, potassic alteration, slight granitisation effect (??)		
MTB-06	61.00	64.00	2.77	3.00	1.79	64.62	Grey to greenish grey	Quartz feldspathic biotite -chlorite -schist ± amphibole (metabasic -schist) (silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30°, fractured along schistosity, fragmented core, occasionally silicified as bands or zones.	Very rare spces of Chalcopyrite @63.80 (Trace) (Not worth sampling)	
MTB-06	64.00	67.00	2.99	3.00	2.27	75.92	Greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, fracture along schistosity, few fracture @~50°-55° discordant to schistosity, quartz carbonate vein (??)	Veins /stringers of Chalcopyrite along schistosity @~64.30-64.40 @ 0.30%@~20cm (Not worth sampling)	
MTB-06	67.00	70.00	2.97	3.00	2.03	68.35	Greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, fracture along schistosity, few fracture @~50°-55° discordant to schistosity, quartz carbonate vein (??), low angle fracture @~10° @~69.50		
MTB-06	70.00	73.00	2.82	3.00	2.19	77.66	Greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist ± granet (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°-55°, mostly fractured parallel to schistosity, thin quartz -carbonate veins,		
MTB-06	73.00	76.00	3.00	3.00	2.09	69.67	Greenish grey	Quartz feldspathic amphibole -biotite -chlorite schist ± granet (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, mostly fractured parallel to schistosity, low angle (~25°) fracture, fragmented core, thin carbonate veins, thick brecciated quartz vein along with silicification at bottom		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-06	76.00	79.00	2.81	3.00	0.56	19.93	Light grey to greenish grey	Micaceous quartz schist + bands of biotite - chlorite - schist (silicified basic schist) + quartz vein	Hard & compact	Fine grained	Moderately schistosed @~35°, multiple fracture @~50°-55°, conjugate fractures, highly fractured, fragmented & broken core, irregular fracture within quartz vein	Minor stringers of Chalcopyrite along schistosity, minor fracture filling patches Chalcopyrite @76.90 (Not worth sampling), Very thin magnetite veins/Stringers at place	
MTB-06	79.00	82.00	3.00	3.00	1.26	42.00	Light grey to greenish grey	Quartz biotite-chlorite schist (strongly silicified) + quartz vein	Hard & compact	Fine grained	Moderately strongly schistosed @~35°-40°, fracture along schistosity, low angle fracture, highly fragmented & broken core at place	Stringers of Chalcopyrite along schistosity & quartz veins	
MTB-06	82.00	85.00	2.83	3.00	0.62	21.91	Light grey to greenish grey	Quartz biotite-chlorite schist (strongly silicified) + quartz vein	Hard & compact	Fine grained	Moderately to strongly schistosed, highly fractured & fragmented, broken core, fracture along schistosity along with other irregular fracture	Stringers of Chalcopyrite, pyronotite & Pyrite along schistosity @~84.10	
MTB-06	85.00	88.00	3.00	3.00	0.65	21.67	Light grey to greenish grey	Quartz -chlorite -biotite schist + quartz vein (strongly altered & silicified)	Very hard & compact	Fine grained	Moderately schistosed @~35°-40°, low angle fracture @~15°-20°, also multiple fracture @~55°-60°, highly fractured & fragmented & broken core, potassic alteration	Stringers of Chalcopyrite along schistosity & fracture filling vein	
MTB-06	88.00	91.00	3.00	3.00	0.73	24.33	Greenish grey	Quartz -chlorite -biotite schist + quartz vein (highly altered & silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed, multiple irregular fracture @~50°-60°, along with low angle fracture, highly fractured & fragmented core, quartz-carbonate vein, potassic alteration	Stringers of Chalcopyrite along schistosity fracture filling patches & veins of Chalcopyrite & Pyrrhotite	
MTB-06	91.00	94.00	3.00	3.00	1.03	34.33	Greenish grey	Feldspathic -biotite -chlorite schist ± amphibole (basic schist) (altered & silicified)	Hard & compact	Fine grained	Feeble schistosity, occasionally grannular, thin carbonate veins, highly fractured & fragmented, broken core	rare stringers of sulfides (Not worth sampling)	
MTB-06	94.00	97.00	3.00	3.00	1.02	34.00	Dark grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Grannular in cross section, Feeble schistosity, low to moderate angle multiple fracture @~20°-40°, broken & fragmented core	rare stringers of Chalcopyrite along thin fracture filling quartz vein also very minor dissemination (Not worth sampling)	
MTB-06	97.00	100.00	3.00	3.00	1.79	59.67	Dark grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Grannular to feebly schistosed at very low angle, few fractures thin erratic quartz vein parallel to schistosity, low angle fracture at (~ 10°-20°) bottom	Very rare dissemination of sulfides at place (Not worth sampling)	
MTB-06	100.00	103.00	3.00	3.00	1.88	62.67	Dark grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Feeble to moderately schistosed @~20°, occasionally grannular quartz veins parallel to schistosity, fracture along schistosity, occasionally fragmented core	Thin stringers of Chalcopyrite along quartz veins also minor dissemination of sulfides along schistosity	
MTB-06	103.00	106.00	1.10	1.10	1.68	56.00	Dark grey	Quartz feldspathic amphibole -biotite -chlorite schist	Hard & compact	Fine grained	Feeble schistosity, mostly fracture along schistosity, few high angle fracture, thin quartz vein	Very rare fine dissemination of sulfides	
MTB-06			1.90	1.90			Greenish grey	Amphibole biotite -chlorite schist (metabasic schist)	Hard & compact	Fine grained	Feeble schistosity at very low angle @~20°, fracture along schistosity, multiple thin quartz vein parallel to schistosity, fractured & broken core	Stringers of Chalcopyrite along fracture filling quartz vein	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-06	106.00	109.00	2.99	3.00	1.82	60.87	Greenish grey	Amphibole -biotite - chlorite schist (metabasic -schist) (silicified at bottom)	Hard & compact	Fine grained	Feeble to moderately schistosed @~20°-30°, fracture along schistosity, few fracture @~50°, fragmented core, potassic alteration at place, silicified towards bottom	Veins & stringers of Chalcopyrite & Pyrrhotite along fracture filling quartz vein, also stringers along schistosity	
MTB-06	109.00	112.00	3.00	3.00	2.03	67.67	Grey to dark grey	Micaceous quartz schist / quartzite	Very hard & compact	Fine grained	Feeble schistosity, massive at place, catein abundant biotite & chlorite at top, highly fractured & fragmented core	Rare stringers of Chalcopyrite along schistosity along with minute dissemination	
MTB-06	112.00	115.00	3.00	3.00	1.14	38.00	Grey to dark grey	Micaceous quartz schist / quartzite	Very hard & compact	Fine grained	Massive to feebly schistosed occasionally grannular texture multiple fracture @~50°-55°, also few low angle fracture, fragmented & broken core	Few minor stringers along schistosity @~112.20	
MTB-06	115.00	118.00	2.99	3.00	0.96	32.11	Greenish grey	Quartz feldspathic amphibole -biotite - chlorite schist + quartz vein (silicified at place)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-55°, highly fractured along schistosity, along with few irregular fracture fragmented & broken core	High concertration of stringers of Chalcopyrite & minor Pyrrhotite along schistosity	
MTB-06	118.00	121.00	3.00	3.00	1.40	46.67	Greenish grey	Quartz feldspathic amphibole -biotite - chlorite schist + quartz vein (silicified at place)	Hard & compact	Fine grained	Moderately schistosed @~50°-70°, fracture along schistosity, irregular sheared & brecciated quartz veins fragmented & broken core	Stringers & veins of Chalcopyrite along schistosity occasionally dissemination	
MTB-06	121.00	124.00	3.00	3.00	0.31	10.33	Grey	Quartz feldspathic chlorite mica schist (silicified & altered)	Hard & compact	Fine grained	Moderately strongly schistosed @~50°-55°, fracture along schistosity, also irregular fracture at different angle rokges from 30°-70°, highly fragmented and broken core sheared & brecciated quartz veins	Fracture filling stringers & veins of Chalcopyrite occasionally along brecciated quartz vein very minute dissemination at places	
MTB-06	124.00	127.00	3.00	3.00	1.05	35.00	Grey	Quartz feldspathic chlorite mica schist (silicified & altered)	Hard & compact	Fine grained	Moderately strongly schistosed @~50°, fracture along schistosity, low angle fracture, highly fractured & fragmented core, thin quartz -carbonate vein, potassic alteration.	Few minor stringers of Chalcopyrite & other sulfides along very thin quartz carbonate veins	
MTB-06	127.00	130.00	3.00	3.00	2.28	76.00	Grey	Quartz feldspathic chlorite mica schist (silicified & altered)	Hard & compact	Fine grained	Moderately strongly schistosed, few fractures parallel to schistosity, occasionally broken core, thin clustered quartz veins parallel to schistosity .	Thin stringers of Pyrite & Chalcopyrite & Pyrrhotite along quartz vein	
MTB-06	130.00	133.00	3.00	3.00	2.08	69.33	Grey	Quartz feldspathic chlorite mica schist (silicified & altered)	Hard & compact	Fine grained	Moderately -strongly schistosed @~50°-55°, fracture along schistosity, few fractures sub - parallel to the CA, thin to thick brecciated quartz veins	Veins & massive patches of Chalcopyrite along with Pyrite & Pyrrhotite along quartz veins	
MTB-06	133.00	136.00	3.00	3.00	2.10	70.00	Grey	Quartz feldspathic chlorite mica schist (silicified & altered)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-55°, fracture along schistosity, irregular fracture filled with quartz vein & sulfide mineralisation, broken & fragmented core zone.	Veins & stringers of sulfides as fracture filling mainly Pyrite & Pyrrhotite with minor Chalcopyrite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-06	136.00	139.00	2.88	3.00	1.33	46.18	Grey	Quartz feldspathic chlorite mica schist (altered & silicified)	Hard & compact	Fine grained	Moderately - strongly schistosed @~50°-55°, multiple fracture @~40°-60°, also fractured parallel to the schistosity, broken & fragmented core, occasionally sheared & brecciated quartz vein	Thin stringers of Pyrrhotite along foliation (Not worth sampling)	
MTB-07	0.00	3.00	0.78	3.00			Brownish grey	Top soil	Loose & cohesive to friable				
MTB-07	3.00	6.00	1.09	3.00			Brownish grey	Top soil	Loose & cohesive to friable				
MTB-07	6.00	9.00	0.89	3.00			Brownish grey	Top soil	Loose & cohesive to friable				
MTB-07	9.00	10.00	0.48	1.00			Brownish grey	Loose soil ± quartz boulders	Loose & cohesive to friable				
MTB-07	10.00	13.00	0.24	0.36			Brownish grey	Highly oxidised schistosed rock	Soft & friable	Fine grained	Schistosed		
MTB-07			1.76	2.64	1.04	59.09	Greenish grey	Quartz feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~20°-30°, multiple fractures @~40°-50°, thin carbonate veins		
MTB-07	13.00	15.00	1.86	2.00	1.12	60.22	Greenish grey	Quartz feldspathic amphibole chlorite biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~20°-25°, low angle fracture @~28°, partially oxidised along fracture, fragmented core		HQ ↑
MTB-07	15.00	16.00	0.84	1.00	0.49	58.33	Greenish grey	Quartz feldspathic amphibole biotite schist (Metabasic schist)	Hard & compact	Fine grained	Feeble to moderately schistosed, fractured & fragmented thin quartz - carbonate veins		↓ NQ
MTB-07	16.00	19.00	2.88	3.00	2.34	81.25	Greenish grey	Quartz feldspathic amphibole biotite schist (Metabasic schist)	Hard & compact	Fine grained	Feeble to moderately schistosed, @~15°-20°, few fracture parallel to the schistosity, splitting at high angle to the CA		
MTB-07	19.00	22.00	2.90	3.00	1.15	39.66	Greenish grey	Quartz feldspathic amphibole biotite schist (Metabasic schist)	Hard & compact	Fine grained	Feeble to moderately schistosed @~20°-30°, fracture along schistosity, fragmented/broken core		
MTB-07	22.00	25.00	2.95	3.00	1.68	56.95	Greenish grey	Quartz feldspathic amphibole biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30°-35°, multiple fracture parallel to the schistosity, broken & fragmented core, thin quartz - carbonate irregular veins		
MTB-07	25.00	28.00	1.88	1.96	1.14	39.58	Greenish grey	Quartz feldspathic amphibole biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30°-35°, multiple fracture parallel to the schistosity, broken & fragmented core, thin quartz - carbonate irregular veins		
MTB-07			1.00	1.04			Greyish green	Amphibole biotite chlorite rock /schist ± muscovite (basic rock)	Hard & compact	Fine-medium grained	Massive to feebly schistosed occasionally grannular, multiple fracture @~40°-45°, along with few low angle irregular fracture partially altered		Gradetional contact
MTB-07	28.00	31.00	2.94	3.00	1.73	58.84	Light greenish green	Amphibole biotite chlorite schist/ rock ± muscovite (basic rock /intrusive)	Hard & compact	Fine-medium grained	Massive to feebly schistosed multiple fracture @~40°-45°, also few low angle fracture (~10°), partially altered		
MTB-07	31.00	34.00	3.00	3.00	2.03	67.67	Light greenish green	Amphibole biotite chlorite schist /rock (basic intrusive ?)	Hard & compact	Fine-medium grained	Massive grannular to feebly schistosed,multiple fracture @~40°-45°, low angle fracture filled with carbonate veins, partially altered		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-07	34.00	37.00	2.96	3.00	1.00	33.78	Light greenish green	Amphibole biotite chlorite schist /rock (basic intrusive ?)	Hard & compact	Fine-medium grained	Massive grannular to feebly schistosed, at place, highly fractured @~35°-40°, from 36.00-37.00, fragmented & broken core		
MTB-07	37.00	40.00	0.90	0.90	2.05	68.33	Light greenish green	Amphibole biotite chlorite schist /rock (basic intrusive ?)	Hard & compact	Fine-medium grained	Massive grannular to feebly schistosed, at place, highly fractured @~35°-40°, from 36.00-37.00, fragmented & broken core		Gradetional contact
MTB-07			2.10	2.10			Greenish grey	Quartz feldspathic amphibole chlorite biotite schist ± Garnet	Hard & compact	Fine grained	Strongly schistosed @~30°-35°, fractured along the schistosity, broken & fragmented core, occasionally garnetiferous quartz vein		Gradetional contact
MTB-07	40.00	43.00	2.84	3.00	2.17	76.41	Grey white	Quartz biotite chlorite muscovite /sericite schist + quartz vein (altered)	Hard & compact	Fine grained	Strongly schistosed @~30°-40°, multiple fracture parallel to the schistosity, schistosity parallel quartz veins	Very rare spces of sulfides (Not worth sampling)	
MTB-07	43.00	46.00	3.00	3.00	2.03	67.67	Grey to grey white	Quartz-biotite -chlorite muscovite schist ± Garnet (altered & silicified)	Very hard & compact	Fine grained	Feeble to strongly schistosed @~35°, highly silicified, mostly fractured parallel to the schistosity, few fracture high angle @~50°-60°, quartz veins		
MTB-07	46.00	49.00	2.05	3.00	0.15	7.32	Dark grey	Garnetiferous quartz -chlorite -biotite schist (altered & silicified)	Hard & compact	Fine - coarse grained	Strongly schistosed @~30°-35°, highly fractured & fragmented, SL broken core, quartz veins	Very rare spces of sulfides (Not worth sampling)	
MTB-07	49.00	52.00	2.96	3.00	1.40	47.30	Dark grey with pink patches	Garnetiferous quartz -chlorite -biotite schist (altered & silicified) + bands of quartz schist / quartzite (altered & silicified)	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°-35°, at place strongly silicified, highly fractured parallel to schistosity, fragmented & broken core, large to very large garnet porphyroblasts	Disseminated spces of Chalcopryrite & pyrite along schistosity (Not worth sampling)	
MTB-07	52.00	55.00	2.95	3.00	2.25	76.27	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite (altered)	Hard & compact	Fine -very coarse grained	Feeble schistosity, large garnet porphyroblasts, few fracture@~30°-35°,	Stringers & spces of Chalcopryrite along schistosity	
MTB-07	55.00	58.00	3.00	3.00	1.24	41.33	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite (altered)	Hard & compact	Fine -very coarse grained	Moderately to strongly schistosed, @~30°-40°, w.r.t CA large to very large garnet porphyroblasts highly fractured & fragmented broken core	Stringers & disseminated spces of Chalcopryrite along with Pyrrhotite along schistosity 0.10 m @ 0.20 - 0.30 %	
MTB-07	58.00	61.00	2.94	3.00	2.37	80.61	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite	Hard & compact	Fine -very coarse grained	Moderately to strongly developed wavy schistosity, @~30°-40°, large to very large garnet porphyroblasts, irregularly fractured, few fracture along schistosity at places	Stringers & disseminated spces of Chalcopryrite along schistosity	
MTB-07	61.00	64.00	2.99	3.00	1.99	66.56	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite	Hard & compact	Fine -very coarse grained	Moderately to strongly developed wavy schistosity, @~30°-40°, large to very large garnet porphyroblasts, irregularly fractured, few fracture along schistosity at places	Stringers & disseminated spces of Chalcopryrite along schistosity	
MTB-07	64.00	67.00	3.00	3.00	2.01	67.00	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite + quartz vein	Hard & compact	Fine -very coarse grained	Strongly schistosed, ~ wavy schistosity, multiple fracture at angle ranging from 30°-60°, quartz vein parallel to schistosity	Stringers & disseminated spces of Chalcopryrite along schistosity & along inter-porphyroblast region & fractures	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-07	67.00	70.00	2.98	3.00	2.36	79.19	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite + quartz vein	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°-40°, wavy schistosity large to very large garnet porphyroblast, multiple fracture @~50°-70°, low angle fracture @~20°, brecciated quartz veins	Stringers & disseminated spces of Chalcopyrite along schistosity & along inter-porphyroblast region & fractures	
MTB-07	70.00	73.00	3.00	3.00	2.63	87.67	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite + quartz vein	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°, wavy schistosity, large to very large garnet porphyroblasts, fracture @~30°, also multiple fractures @~50°-60°	Minor stringers & disseminated spces @ ~71.60 - 72.00 @ ~0.10 - 0.20 %	
MTB-07	73.00	76.00	2.94	3.00	2.21	75.17	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite + quartz vein	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°, schistosity angle increased to ~45°-50°, towards bottom, multiple fractures following the schistosity place, along with few irregular fracture, large to very large garnet porphyroblasts	Stringers & disseminated spces of Chalcopyrite & Pyrrhotite along schistosity 0.10 - 0.20 %	
MTB-07	76.00	79.00	2.97	3.00	2.21	74.41	Dark grey with pink patches	Garnetiferous- quartz- chlorite- biotite schist ± muscovite + quartz vein (altered & silicified)	Hard & compact	Fine -very coarse grained	Moderately to strongly schistosed large to very large garnet porphyroclasts multiple irregular fracture silicified towards bottom	Stringers & disseminated spces of Chalcopyrite & Pyrrhotite along schistosity 0.10 - 0.20 %	
MTB-07	79.00	82.00	2.77	3.00	1.16	41.88	Dark grey with pink patches	Garnetiferous -quartz -biotite - chlorite schist + quartz vein	Hard & compact	Fine -very coarse grained	Strongly schistosed @~40°-50°, large to very large garnet porphyroblasts fractured along schistosity, low angle fracture (~10°-20°) with oxidation along fracture (limonite encrustation) quartz veins	Rare spces of Chalcopyrite along schistosity @~(79.45 @ Trace %) (Not worth sampling)	
MTB-07	82.00	85.00	2.69	3.00	1.25	46.47	Dark grey with pink patches	Garnetiferous -quartz -biotite - chlorite schist + quartz vein	Hard & compact	Fine-medium grained	Strongly schistosed @ 20°-30°, at top, & ~40°-50°, towards bottom, fractured along schistosity, low angle (20°-25°) fractures along-with oxidation trace, sheared quartz veins	Very rare minute spces of Chalcopyrite along schistosity (Not worth sampling) (Trace)	
MTB-07	85.00	88.00	3.00	3.00	2.56	85.33	Dark grey with pink patches	Garnetiferous -quartz -chlorite - biotite schist	Hard & compact	Fine -very coarse grained	Strongly developed wavy to sigmoidal schistosity @~40°-45°, occasionally larried fracture along schistosity few fractures large to very large garnet porphyroblasts	Stringers & minor disseminated spces of Chalcopyrite along schistosity 86 - 88 (0.10 - 0.20%)	
MTB-07	88.00	91.00	2.73	3.00	2.12	77.66	Dark grey with pink patches	Garnetiferous -quartz -chlorite - biotite schist	Hard & compact	Fine -very coarse grained	Strongly schistosed @~45°-50°, wavy to sigmoidal schistosity, few fractured along schistosity, large to very large garnet porphyroblasts	Disseminated spces & stringers of Chalcopyrite along schistosity (Not worth sampling) 0.20 cm - 0.10-0.20 %	
MTB-07	91.00	94.00	3.12	3.00	1.85	59.29	Dark grey with pink patches	Garnetiferous -quartz -chlorite - biotite schist	Hard & compact	Fine -very coarse grained	Strongly schistosed @~40°-50°, wavy to sigmoidal schistosity, mostly fractured along schistosity place occasionally fragmented core, large to very large garnet porphyroblasts	Very rare spces of sulfides (Not worth sampling),	
MTB-07	94.00	97.00	2.67	3.00	1.20	44.94	Dark grey with pink patches	Garnetiferous -quartz -chlorite - biotite schist	Hard & compact	Fine -very coarse grained	Strongly schistosed highly fractured, fragmented & broken core, sheared & brecciated quartz veins	Stringers & spces of Chalcopyrite & Pyrrhotite along schistosity and as fracture filling within quartz veins	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-07	97.00	100.00	2.92	3.00	1.96	67.12	Pink grey	Garnetiferous -quartz -chlorite - biotite schist + quartz vein	Hard & compact	Fine - coarse grained	Strongly schistosed high abndaner of large garnet porphyroblasts (~ 1-2 cm), few irregular fracture folded quartz veins	Very rare spes of sulfides (Not worth sampling)	
MTB-07	100.00	103.00	3.00	3.00	1.96	65.33	Pink greenish grey	Garnetiferous-quartz -chlorite muscovite schist ± biotite + quartz vein (altered)	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°-40°, wavy to sigmoidal, mostly fracture @~25°-35°, fragmented core, large to very large garnet porphyroblasts slicken lines	Stringers & spes of Chalcopyrite along schistosity and within the fracture of large granet porphyroblasts	
MTB-07	103.00	106.00	2.88	3.00	1.57	54.51	Pink greenish grey	Garnetiferous-quartz -chlorite muscovite schist ± biotite + quartz veins (altered)	Hard & compact	Fine -very coarse grained	Strongly schistosed @~30°-40°, mostly fractured parallel to schistosity, sheared & brecciated quartz veins, large to very large garnet porphyroblasts	Veins & stringers of Chalcopyrite along with disseminated spes of Chalcopyrite along schistosity	
MTB-07	106.00	109.00	3.00	3.00	2.35	78.33	Pink greenish grey	Garnetiferous-quartz -chlorite muscovite schist ± biotite + quartz veins (altered)	Hard & compact	Fine -very coarse grained	Strongly schistosed @~ 35°-45°, mostly fractured along schistosity, wavy to sigmoidal schistosity sheared & brecciated quartz veins large to very large garnet porphyroblasts	Stringers of Chalcopyrite as fracture filling within or adjacent to quartz veins , also along schistosity	
MTB-07	109.00	112.00	2.67	3.00	1.93	72.28	Pink greenish grey	Garnetiferous-quartz -chlorite muscovite schist ± biotite + quartz veins (altered)	Hard & compact	Fine -very coarse grained	Strongly schistosed, large to very large garnet porphyroblasts, fractured along schistosity rare quartz veins		
MTB-08	0.00	3.00	0.29	3.00			Reddish brown	Top soil + boulders of quartzite	Loose & friable				
MTB-08	3.00	4.00	0.70	1.00			Brownish white	Pebbles & fragments of quartzite	Very hard & compact		Massive, highly fragmented		
MTB-08	4.00	7.00	1.24	3.00			Brownish white	Pebbles & fragments of quartzite			Massive, highly fragmented		
MTB-08	7.00	10.00	0.68	3.00			Brownish white	Pebbles & fragments of quartzite			Massive, highly fragmented		
MTB-08	10.00	13.00	1.13	3.00			Yellow	Soil	Soft & conesive		Massive, highly fragmented, occasional bands of weathered parent rock		
MTB-08	13.00	16.00	1.10	3.00			Yellow	Soil	Soft & conesive		Massive, highly fragmented, occasional bands of weathered parent rock		
MTB-08	16.00	19.00	1.72	3.00			Yellowish grey	Soil + bands of highly weathered parant rock	Soft & conesive	Fine grained	Occasional bands of highly weathered parent		
MTB-08	19.00	22.00	1.33	3.00			Yellowish grey	Weathered rock + bands of soil zone	Soft & friable	Fine grained	Massive to feebly schistosed, bands of partially formed soil zone, highly fractured		
MTB-08	22.00	25.00	2.06	3.00			Yellowish grey	Weathered rock + bands of soil zone	Soft & friable	Fine grained	Massive to feebly schistosed, bands of partially formed soil zone, highly fractured		
MTB-08	25.00	28.00	1.62	3.00			Yellowish grey	Weathered & oxidised schistosed rock + bands of quartzite rock fragments	Soft & hard friable	Fine grained	Highly fragmented & broken rock fragments, highly weathered & oxidised		
MTB-08	28.00	31.00	2.00	3.00			Yellowish grey	Highly weathered & oxidised schistosed rock + partially formed soil band	Moderate hard to soft & friable	Very fine grained to fine grained	Highly oxidised friable, fragmented & broken core,		
MTB-08	31.00	34.00	2.02	3.00			Yellowish grey	Highly weathered /oxidised schistosed rock + partially formed soil	Moderate hard to soft & friable	Fine grained	Schistosed, highly fragmented, broken & friable		
MTB-08	34.00	37.00	1.00	1.00	0.96	32.00	Yellowish grey	Highly oxidised schistosed rock	Moderate & friable	Fine grained	Schistosed, highly fractured & fragmeted, broken core		
MTB-08			2.00	2.00			Grey	garnet quartz - chlorite - biotite schist	Hard & compact	Fine grained to very course grained	Very large granet porphyroblarts strongly schistosed @~20° to 30°, fracture along schistosity		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	37.00	40.00	0.70	0.70	1.10	36.67	Greyish white	Talc (?) - chlorite ± biotite schist	Hard & compact	Very fine grained	Strongly schistosed, occasionally fracture		
MTB-08			2.30	2.30			Greenish grey	Quartz - amphibole - chlorite - biotite schist (Metabasic schist)	Very hard & compact	Fine grained	Moderately to strongly schistosed @~30° to 45°, quartz veins parallel to schistosity, silicified at contact, fractured along schistosity		
MTB-08	40.00	43.00	3.00	3.00	0.57	19.00	Greenish grey	Quartz - feldspathic amphibole - chlorite - biotite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30°, highly fractured & fragmented, broken core @~40.70-42, fracture parallel to schistosity, thin quartz veins		
MTB-08	43.00	46.00	3.00	3.00	1.00	33.33	Greenish grey	Quartz - feldspathic amphibole - chlorite - biotite schist (Metabasic schist)	Very hard & compact	Very fine grained to fine grained	Moderately to strongly schistosed @~30°, highly fractured parallel to schistosity, broken & fragmented core @~44.00-45.40, quartz veins		
MTB-08	46.00	49.00	3.00	3.00	1.17	39.00	Greenish grey to grey	Quartz - feldspathic amphibole - chlorite - biotite schist ± garnet (silicified) + quartz veins	Hard & compact	Fine grained	Moderately to strongly schistosed @~30° to 40°, mostly fractured parallel to schistosity, quartz veins parallel to schistosity	Single veins along with multiple stringers of Pyrite & Chalcopyrite @~48-48.50 @~0.20%	
MTB-08	49.00	52.00	2.94	3.00	0.34	11.56	Greenish grey to grey	Quartz - feldspathic amphibole - chlorite - biotite schist ± garnet (silicified) + quartz veins	Hard & compact	Very fine grained to fine grained	Strongly schistosed @~27° to 30°, mostly fractured parallel to schistosity along with few irregular fracture quartz veins potassic alteration	Stringers & veinlets of Chalcopyrite parallel to schistosity 2.00 ~0.10-0.20%	
MTB-08	52.00	54.00	1.99	2.00	0.70	35.18	Greenish grey to grey	Quartz - feldspathic amphibole - chlorite - biotite schist ± garnet (silicified) + quartz veins	Very hard & compact	Very fine grained to fine grained	Moderately to strongly schistosed @~30° to 35°, fracture parallel to schistosity, thin sher zones, quartz veins	Very rare stringers of Pyrite & Chalcopyrite (Not worth sampling)	↑HQ 54.00 ↓NQ
MTB-08	54.00	55.00	0.97	1.00	0.80	82.47	Greenish grey to grey	Quartz feldspathic chlorite - biotite - schist ± amphibole ± garnet (silicified)	Hard & compact	Fine grained	Moderately schistosed, silicified, quartz veins		
MTB-08	55.00	58.00	3.00	3.00	1.78	59.33	Greenish grey	Quartz feldspathic amphibole chlorite biotite schist + garnet (metabasic) (occasionally silicified)	Hard & compact	Fine grained	Strongly schistosed @~30°, highly altered & silicified, potassic alteration, fracture parallel to schistosity, quartz veins		
MTB-08	58.00	61.00	2.98	3.00	2.09	70.13	Grey to greenish grey	Quartz feldspathic amphibole -chlorite - biotite schist (silicified)	Hard & compact	Fine grained	Strongly schistosed @~25° to 27°, mostly fractured /splitted parallel to schistosity, schistosity parallel quartz vein, altered & silicified		
MTB-08	61.00	64.00	2.94	3.00	1.48	50.34	Grey to greenish grey	Quartz feldspathic amphibole -chlorite - biotite schist (silicified) (occasionally silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30° to 40°, fracture parallel to schistosity, altered & silicified, potassic alteration		
MTB-08	64.00	67.00	2.96	3.00	1.79	60.47	Grey to greenish grey	Garnetiferous quartz biotite chlorite schist + band of Metabasic intrusive @~ 65.00-65.40	Hard & compact	Fine grained to very course grained	Strongly schistosed, wavy to sigmoidal schistosity @~30° to 40°, large granet porphyroblarts fracture parallel to schistosity	Specs & stringers of Chalcopyrite & Pyrite disseminated along schistosity @~64-65.00 (Not worth sampling)	Sharp contact with basic intrusive
MTB-08	67.00	70.00	3.00	3.00	1.76	58.67	Grey to greenish grey	Garnetiferous quartz chlorite biotite schist ± amphibole	Hard & compact	Fine grained to very course grained	Large granet porphyroblarts, strongly schistosed, fracture @ high angle, occasionally fragmented core, potassic alteration towards bottom	Stringers & veins of Chalcopyrite @~(69.00-69.10, 10cm @~0.30-0.50%) (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	70.00	73.00	2.96	3.00	1.71	57.77	Grey to greenish grey	Garnetiferous quartz biotite chlorite schist ± amphibole (altered)	Hard & compact	Fine grained	Stornly schistosed, @~35° to 40°, schistosity parallel fracture along with thin irregular fracture potassic alteration, quartz carbonate vein	Bunch of thin stringers parallel to schistosity @~71.85-72.00 , 15cm @~20% core axis & occasionally sulfides spces (Not worth sampling)	
MTB-08	73.00	76.00	2.98	3.00	2.21	74.16	Grey to greenish grey	Garnetiferous quartz chlorite biotite schist ± amphibole (altered & silicified)	Hard & compact	Fine grained	Strongly schistosed @~30°, few fracture parallel to schistosity, potassic alteration, quartz carbonate veins	Occasionally rare spces & stringers of Chalcopyrite parallel to schistosity (Not worth sampling)	
MTB-08	76.00	79.00	2.91	3.00	1.81	62.20	Grey	Quartz chlorite biotite schist ± amphibole (altered & silicified) + quartz carbonate veins	Hard & compact	Fine grained	Strongly schistosed @~30°, few fracture parallel to schistosity, potassic alteration, quartz carbonate veins	Rare spces & stringers of Chalcopyrite (Not worth sampling)	
MTB-08	79.00	82.00	3.00	3.00	1.52	50.67	Grey	Quartz chlorite biotite schist ± amphibole (altered & silicified) + quartz carbonate veins	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, highly fractured & fragmented, broken core, altered & silicified, potassic alteration, quartz - carbonate veins	Rare spces of Pyrite only	
MTB-08	82.00	85.00	2.98	3.00	2.02	67.79	Greenish grey	Quartz feldspathic amphibole chlorite biotite schist (Metabasic schist)	Very hard & compact	Fine grained	Strongly schistosed @~30° to 35°, few fracture parallel to schistosity, rare quartz veins		
MTB-08	85.00	88.00	2.93	3.00	2.19	74.74	Greenish grey	Quartz feldspathic amphibole chlorite biotite schist (Metabasic schist)	Very hard & compact	Fine grained	Strongly schistosed @~30° to 35°, few fracture parallel to schistosity, rare quartz veins quartz - carbonate vein		
MTB-08	88.00	91.00	3.00	3.00	2.19	73.00	Greenish grey	Feldspathic amphibole chlorite biotite schist (Metabasic schist / Amphibolite)	Hard & compact	Fine grained	Moderately to strongly schistosed @~30°, fracture parallel to schistosity, thin carbonate veins		
MTB-08	91.00	94.00	3.00	3.00	2.70	90.00	Greenish grey	Feldspathic amphibole chlorite biotite schist (Metabasic schist / Amphibolite)	Very hard & compact	Fine grained	Strongly schistosed, few fractures @ high angle (>70°) thin carbonate veins		
MTB-08	94.00	97.00	2.00	2.00	1.73	57.67	Greenish grey	Feldspathic amphibole chlorite biotite schist (Metabasic schist / Amphibolite)	Very hard & compact	Fine grained	Strongly schistosed, few fractures @ high angle (>70°) thin carbonate veins		
MTB-08			1.00	1.00			Grey	Quartz chlorite biotite schist ± amphibole (altered & silicified Metabasic schist	Very hard & compact	Fine grained	Strongly schistosed @~30° to 35°, highly fractured & fragmented, broken core,	Fracture filling veins of Pyrite (Not worth sampling)	Contact marked by quartz veins
MTB-08	97.00	100.00	3.00	3.00	0.83	27.67	Grey	Quartz chlorite biotite schist ± amphibole (altered & silicified Metabasic schist	Very hard & compact	Fine grained	Strongly schistosed ~ 40°, highly fracture parallel to schistosity, also conjugate fracture, fragmented & broken core, highly altered & silicified ?		
MTB-08	100.00	103.00	1.42	1.42	0.74	24.67	Grey	Quartz chlorite biotite schist ± amphibole (altered & silicified Metabasic schist	Very hard & compact	Fine grained	Strongly schistosed ~ 40°, highly fracture parallel to schistosity, also conjugate fracture, fragmented & broken core, highly altered & silicified ?		
MTB-08			1.58	1.58			Greenish grey	Quartz feldspathic amphibole chlorite biotite schist	Very hard & compact	Fine grained	Strongly schistosed @~30°, silicified at contact schistosity parallel fracture, quartz veins		
MTB-08	103.00	106.00	2.99	3.00	1.88	62.88	Greenish grey	Amphibole chlorite biotite schist (Metabasic schist / amphibolite)	Hard & compact	Fine grained	Strongly schistosed @~30°, few fractures, occasionally fragmented core		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	106.00	109.00	2.00	2.00	0.89	29.67	Greenish grey	Amphibolite/Metabasic schist (highly oxidised)	Moderate hard to soft compact to occasionally friable	Fine grained	Strongly schistosed, highly fractured & fragmented, broken friable core, highly oxidised		
MTB-08			1.00	1.00			Grey	Amphibole + biotite + chlorite + epidote schist (?) (altered Metabasic)	Hard & compact	Very fine grained	Strongly schistosed @~30°, fractured along schistosity, quartz carbonate vein		
MTB-08	109.00	112.00	3.00	3.00	2.15	71.67	Grey	Amphibole + biotite + chlorite + epidote schist (?) (altered Metabasic)	Hard & compact	Very fine grained	Strongly schistosed @~30°, fracture parallel to schistosity thin quartz carbonate veins parallel to schistosity		
MTB-08	112.00	115.00	3.00	3.00	1.52	50.67	Grey	Amphibole + biotite + chlorite + epidote schist (?) (altered Metabasic)	Hard & compact	Very fine grained	Strongly schistosed @~30°, fracture parallel to schistosity thin quartz carbonate veins parallel to schistosity fragmented core at bottom		
MTB-08	115.00	118.00	1.50	1.50	0.71	23.67	Grey	Altinolite - biotite - chlorite schist ± epidote	Moderate hard & compact	Fine grained	Strongly schistosed, highly fractured & fragmented, broken core slicken lines		
MTB-08			1.50	1.50			Grey	Amphibole - biotite schist (Metabasic /amphibolite)	Hard & compact	Fine grained	Moderately schistosed, highly fractured @~30° to 35°, fragmented & broken core		
MTB-08	118.00	121.00	3.00	3.00	0.47	15.67	Greenish grey	Amphibole - biotite schist (Metabasic schist /amphibolite)	Very hard & compact	Fine grained	Moderately schistosed, highly fractured /fragmented & broken core, low angle fracture @~30°, occasionally slicken lines		
MTB-08	121.00	124.00	2.99	3.00	0.51	17.06	Greenish grey	Amphibole - biotite schist (Metabasic schist /amphibolite)	Very hard & compact	Fine grained	Moderately schistosed @~30°, highly fractured parallel to schistosity, fragmented & broken core, thin quartz - carbonate veins		
MTB-08	124.00	127.00	2.85	2.85	1.37	45.67	Greenish grey	Amphibole - biotite schist (Metabasic schist /amphibolite)	Very hard & compact	Fine grained	Moderately schistosed @~30°, highly fractured parallel to schistosity, fragmented & broken core, thin quartz - carbonate veins		
MTB-08			0.15	0.15			Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard & compact	Fine grained	Strongly schistosed @~30°, phyllitic in nature, highly fractured & fragmented, oxidised at contact zone thin carbonate		
MTB-08	127.00	130.00	3.00	3.00	0.61	20.33	Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard to moderate hard & compact	Fine grained	Strongly schistosed @~30°, phyllitic in nature, highly fractured & fragmented, oxidised at contact zone thin carbonate highly fractured, slicken lines irregular quartz - carbonate veins		
MTB-08	130.00	133.00	2.40	2.40	0.38	12.67	Grey	Chlorite schist ± Amphibole	Moderate hard to soft & friable	Fine grained	Strongly schistosed, highly fractured, crushed, broken & fragmented core, partially to fully oxidised /weathered		
MTB-08			0.60	0.60			Greenish light grey	Amphibole - biotite - chlorite schist ± epidote	Hard & compact	Fine grained	Strongly schistosed @~30°, phyllitic, fractured		
MTB-08	133.00	136.00	1.20	1.20	1.69	56.33	Greenish light grey	Amphibole - biotite - chlorite schist (altered Metabasic)	Hard & compact	Fine grained	Strongly schistosed, fracture parallel to schistosity, oxidised along fracture		
MTB-08			1.80	1.80			Greenish grey	Amphibole - biotite - chlorite schist (Metabasic schist / amphibolite)	Hard & compact	Fine grained	Poorly to moderately schistosed few irregular fracture @ high angle (>50°), rare quartz veins		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	136.00	139.00	3.00	3.00	2.29	76.33	Greenish grey	Amphibole - biotite - chlorite schist (Metabasic schist / amphibolite)	Hard & compact	Fine grained	Moderately schistosed @~30° to 40°, few fractures parallel to schistosity, quartz veins	Thin stringers & spces of Chalcopyrite within the massive Magnetite (Not worth sampling) rare % @0.10	
MTB-08	139.00	142.00	2.00	2.02	2.16	72.73	Greenish grey	Amphibole - biotite - chlorite schist (Metabasic schist / amphibolite)	Hard & compact	Fine grained	Moderately schistosed @~30° to 40°, few fractures parallel to schistosity, quartz veins	Thin stringers & spces of Chalcopyrite within the massive Magnetite (Not worth sampling) rare % @0.10	
MTB-08			0.97	0.98			Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard & compact	Fine grained	Strongly schistosed @~30°, few fractures/ splitting parallel to schistosity, thin carbonate veins		
MTB-08	142.00	145.00	3.00	3.00	1.89	63.00	Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard & compact	Fine grained	Strongly schistosed @~30°, few fractures/ splitting parallel to schistosity, thin carbonate veins		
MTB-08	145.00	148.00	3.00	3.00	1.63	54.33	Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard & compact	Very fine grained	Strongly schistosed @~30°, crenulations, fracture parallel to schistosity, few high angle fracture filled with epidote veins fragmented at bottom		
MTB-08	148.00	151.00	3.00	3.00	1.84	61.33	Greenish grey	Amphibole - biotite - chlorite schist ± epidote (?) (altered Metabasic schist?)	Hard & compact	Very fine grained	Strongly schistosed @~30° to 35°, occasionally crenulations, fractured along schistosity, occasionally fragmented core, epidote veins		
MTB-08	151.00	154.00	3.00	3.00	2.36	78.67	Greenish grey	Amphibole - biotite - chlorite schist ± epidote (?) (altered Metabasic schist?)	Hard & compact	Very fine grained	Strongly schistosed @~30° to 35°, occasional crenulations, fractured along schistosity, occasionally fragmented core, epidote veins		Petrography MTB-08/P1 (153.90-154.00)
MTB-08	154.00	157.00	2.92	3.00	1.98	67.81	Greenish grey	Amphibole - biotite - chlorite schist ± epidote (?) (altered Metabasic schist?)	Hard & compact	Very fine grained	Strongly schistosed @~30° to 35°, occasional crenulations, fractured along schistosity, occasionally fragmented core, epidote veins		
MTB-08	157.00	160.00	3.00	3.00	2.42	80.67	Greenish grey	Amphibole - biotite - chlorite schist ± epidote (?) (altered Metabasic schist?)	Hard & compact	Very fine grained	Strongly schistosed @~30° to 35°, occasional crenulations, fractured along schistosity, occasionally fragmented core, epidote veins conjugate fracture, rare quartz veins		
MTB-08	160.00	163.00	3.00	3.00	2.10	70.00	Greenish grey	Amphibole - biotite - chlorite schist ± epidote (?) (altered Metabasic schist?)	Hard & compact	Very fine grained	Strongly schistosed @~30° to 35°, occasional crenulations, fractured along schistosity, occasionally fragmented core, epidote veins conjugate fracture, rare quartz veins fragmented & broken core		
MTB-08	163.00	166.00	2.96	3.00	1.05	35.47	Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?)	Hard & compact	Fine grained	Strongly schistosed @~20° to 25°, multiple fracture parallel to schistosity, fragmented core, carbonate & epidote veins	Occasionally Magnetite veins / patches (Not worth sampling)	
MTB-08	166.00	169.00	3.00	3.00	0.00	0.00	Greenish light grey	Amphibole - biotite - chlorite schist ± epidote (altered Metabasic schist ?) grades into biotite - chlorite schist at bottom	Hard & compact	Fine grained	Strongly schistosed, highly fractured, parallel to schistosity @~25°, fragmented & broken core, occasionally friable slicken lines		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	169.00	172.00	3.00	3.00	1.42	47.33	Dark greenish grey	Actinolite - biotite - chlorite schist ± fuchsite ± epidote	Moderate hard & compact (occasionally friable)	Fine grained	Strongly schistosed @~20° highly fractured /splitted along schistosity fragmented & broken core, slicken lines		
MTB-08	172.00	175.00	2.95	3.00	1.36	46.10	Dark greenish grey	Actinolite - biotite - chlorite schist ± fuchsite ± epidote (occasionally grades into biotite chlorite schist)	Moderate hard & compact (occasionally friable)	Fine grained	Strongly schistosed @~25° to 30°, multiple fractured parallel to schistosity, fragmented core, silicified at bottom		
MTB-08	175.00	178.00	2.90	3.00	1.75	60.34	Grey	Quartz - chlorite - biotite schist ± amphibolite (altered & silicified)	Very hard & compact	Fine grained	Moderately to strongly schistosed @~30°, highly fractured/fragmented & broken core, occasional carbonate veins		
MTB-08	178.00	181.00	3.00	3.00	2.24	74.67	Grey to greenish grey	Quartz - amphibole - chlorite - biotite schist (altered & silicified Metabasic schist) (?)	Very hard & compact	Fine grained	Strongly schistosed @~30° to 35°, fractured & fragmented, broken core	Thin disseminated spces , stringers & veinlets of Chalcopyrite along thin zones parallel to schistosity (0.05-0.1%) @3m (Not worth sampling)	
MTB-08	181.00	184.00	3.00	3.00	2.12	70.67	Grey to greenish grey	Quartz - chlorite - biotite schist ± amphibole (altered & silicified) (occasionally granitized)	Very hard & compact	Fine grained	Strongly schistosed @~35° to 40°, multiple fracture @ high angle (>70°) occasionally fragmented core, occasionally granitized /silicified as banded zone	Erratic thin stringers along with disseminated spces of Chalcopyrite along schistosity parallel zones (Not worth sampling)	
MTB-08	184.00	187.00	3.00	3.00	2.53	84.33	Grey to pink grey	Quartz - k-feldspar chlorite - biotite schist (silicified & granitized)	Very hard & compact	Fine grained	Schistosed @~40°, few fractures @ high angle (>70°) granitized & silicified, secondary k - feldspar laths	Thin stringers & erratic fracture filling veins of Chalcopyrite (Not worth sampling)	
MTB-08	187.00	190.00	3.00	3.00	2.27	75.67	Grey to pink grey	Quartz - k-feldspar chlorite - biotite schist (silicified & granitized)	Very hard & compact	Fine grained	Schistosed @~40°, few fractures @ high angle (>70°) granitized & silicified, secondary k - feldspar laths	Disseminated spces & erratic thin stringers along thin veins of Chalcopyrite (Not worth sampling)	
MTB-08	190.00	193.00	3.00	3.00	2.03	67.67	Grey to pink grey	Quartz - k-feldspar chlorite - biotite schist (silicified & granitized)	Very hard & compact	Fine grained	Schistosed @~40°, few fractures @ high angle (>70°) granitized & silicified, secondary k - feldspar laths		
MTB-08	193.00	196.00	3.10	3.00	2.57	82.90	Greenish grey	Quartz - amphibole - chlorite - biotite schist (granitized at places)	Hard & compact	Fine grained	Strongly schistosed @~40°, occasionally granitized as banded zones secondary dotted feldspar few fractures quartz veins	Rare erratic stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-08	196.00	199.00	3.00	3.00	2.73	91.00	Greenish grey	Quartz - amphibole - chlorite - biotite schist (granitized at places) (silicified & granitized)	Very hard & compact	Fine grained	Strongly schistosed @~40°, occasionally granitized as banded zones secondary dotted feldspar few fractures quartz veins	Rare erratic stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-08	199.00	202.00	3.00	3.00	2.28	76.00	Greenish grey	Quartz - amphibole - chlorite - biotite schist (granitized at places) (silicified & granitized)	Very hard & compact	Fine grained	Strongly schistosed @~40°, altered, occasionally granitized few fractures, quartz veins	Stringers & veins of Chalcopyrite along with massive magnetite	
MTB-08	202.00	205.00	3.00	3.00	2.15	71.67	Dark grey	Magnetite bearing quartz - feldspathic mica schist	Very hard & compact	Very fine grained	Moderately to strongly schistosed, altered, quartz veins	Massive magnetite along with stringers of Chalcopyrite & Pyrite as fracture filling.	
MTB-08	205.00	208.00	0.40	0.40	2.55	85.00	Dark grey	Magnetite bearing quartz - feldspathic mica schist	Very hard & compact	Very fine grained	Moderately to strongly schistosed, altered, quartz veins	Massive magnetite along with stringers of Chalcopyrite & Pyrite as fracture filling.	
MTB-08			2.60	2.60			Pink grey	Granite gneiss ± chlorite (occasionally altered along fracture)	Very hard & compact	Fine grained	Massive to feably schistosed, irregular low angle fracture alteration along with secondary chlorite along fracture zone few fracture @~45° to CA	Veins , stringers of Chalcopyrite along fracture	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-08	208.00	211.00	3.00	3.00	2.27	75.67	Pink grey	Granite gneiss (altered along fracture)	Very hard & compact	Fine grained to medium grained	Massive, multiple fracture@~40° to 45°, alteration along fracture with secondary biotite & chlorite	Minor and occaisional occurrence of Chalcopyrite as stringer along fracture zone, altered core (210-210.20) 0.10%@10cm (Not worth sampling)	
MTB-08	211.00	214.00	3.00	3.00	2.42	80.67	Pink grey	Granite gneiss (altered along fracture)	Very hard & compact	Fine grained	Massive, few fracture occasionally fragmented		
MTB-08	214.00	215.00	1.00	1.00	0.99	99.00	Pink grey	Granite gneiss (altered along fracture)	Very hard & compact	Fine grained	Massive, few fracture occasionally fragmented		
MTB-09	0.00	3.00	0.60	3.00			Reddish Brown	Top soil	Loose, friable to cohesive at place	Fine grained			
MTB-09	3.00	6.00	1.05	3.00			Reddish Brown	Top soil	Loose, friable to cohesive at place	Fine grained			
MTB-09	6.00	7.00	0.25	1.00			Reddish Brown	Top soil + quartzite boulder	Loose, friable to cohesive at place	Fine grained			
MTB-09	7.00	10.00	0.44	3.00			Yellowish grey	Top soil + boulder of quartzite	Loose & cohesive	Fine grained			
MTB-09	10.00	13.00	0.37	3.00			Yellowish grey	Highly weathered/oxidised schistosed rock & partially formed soil	Soft & loose & friable	Fine grained	Schistosed		
MTB-09	13.00	16.00	0.89	3.00			Yellowish grey	Highly weathered/oxidised schistosed rock & partially formed soil	Soft to moderate hard, friable at places	Fine grained	schistosed, highly fractured , oxidised		
MTB-09	16.00	17.00	0.74	1.00	0.10	13.51	Greenish grey	Quartz - amphibole - biotite - chlorite schist (partially oxidised) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @ 40°, highly fractured , quartz vein parallel to schistosity , oxidised along fracture		
MTB-09	17.00	19.00	1.78	2.00	0.70	39.33	Greenish grey	Quartz - amphibole - biotite - chlorite schist (partially oxidised) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~40°, fracture along schistosity , sheared at bottom, fragmented core at place , oxidised along fracture		
MTB-09	19.00	20.00	0.83	1.00	0.12	14.46	Greenish grey	Quartz - amphibole - biotite - chlorite schist (partially oxidised) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~40°, fracture along schistosity , sheared at bottom, fragmented core at place , oxidised along fracture		
MTB-09	20.00	22.00	2.29	2.00	1.12	48.91	Greenish grey	Quartz - amphibole - biotite - chlorite schist (altered / silicified metabasic schist	Hard & compact	Fine grained	Strongly schistosed @~25° to 30°, fractured along schistosity , few fracture @~50° to 60°, discordant to schistosity		
MTB-09	22.00	25.00	2.90	3.00	1.06	36.55	Greenish grey	Quartz - amphibole - biotite - chlorite schist (altered / silicified metabasic schist	Hard & compact	Fine grained	Strongly schistosed @~25° to 30°, fractured along schistosity , few fracture @~50° to 60°, discordant to schistosity, occasionally fragmented core , few quartz veins	Very fine stringers of cpy & pyrite along schistosity @~23° - 25°, 2m @~<0.10% (Not worth sampling)	
MTB-09	25.00	28.00	2.86	3.00	1.68	58.74	Greenish grey	amphibole quartz - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 45°, multiple fracture along schistosity , oxidised along few fracture	Very rare & erratic spes & stringers along schistosity place (Not worth sampling)	
MTB-09	28.00	30.00	2.04	2.00	1.10	47.83	Greenish grey	Quartz - feldspathic amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~40° to 45°, few fractures , low angle fracture & fracture parallel to core axis @~29.50-30.00, oxidised along low angle fracture	Very rare disseminated fine spes of sulfides (Not worth sampling)	
MTB-09	30.00	30.30	0.20	0.30	0.00	0.00	Greenish grey	Quartz - feldspathic amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed		
MTB-09	30.30	31.30	0.99	1.00	0.75	75.76	Greenish grey	Quartz - feldspathic amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Very fine grained	Moderately schistosed @~40° to 50°, few fracture		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-09	31.30	32.30	0.94	1.00	0.71	75.53	Greenish grey	Quartz - feldspathic amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Very fine grained	Moderately schistosed @~40° to 50°, few fracture parallel to schistosity		
MTB-09	32.30	34.00	1.76	1.70	1.33	75.57	Greenish grey	Quartz - feldspathic amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Very fine grained	Moderately schistosed @~40° to 50°, few fracture parallel to schistosity		
MTB-09	34.00	35.00	1.07	1.00	0.26	24.30	Greenish grey	Quartz - biotite - chlorite - schist ± amphibole (altered Metabasic schist)	Hard & compact	Very fine grained to fine grained	Moderately to strongly schistosed @~40° to 50°, highly fractured & fragmented & broken core @~ 34.50-50.00, partial oxidation at fracture zone		
MTB-09	35.00	36.00	0.97	1.00	0.52	53.61	Greenish grey	Quartz feldspathic - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40° to 50°, few fracture parallel to schistosity		HQ ↑
MTB-09	36.00	37.00	0.98	1.00	0.69	70.41	Greenish grey	Quartz feldspathic - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40° to 50°, few fracture parallel to schistosity		NQ ↓
MTB-09	37.00	40.00	2.90	3.00	1.56	53.79	Greenish grey	Quartz feldspathic - biotite - chlorite schist (metabasic schist)	Hard & compact	Very fine grained	Strongly schistosed @~40° to 45°, mostly fractured along schistosity, highly fragmented at middle, oxidation along fragmented zone	Stringers & vein of Chalcopyrite along schistosity	
MTB-09	40.00	43.00	2.99	3.00	2.16	72.24	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~40° to 45°, few fractured along schistosity, secondary feldspathization	Very rare spces of Chalcopyrite (Not worth sampling)	
MTB-09	43.00	46.00	2.93	3.00	1.79	61.09	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~40° to 45°, few fractured along schistosity, secondary feldspathization		
MTB-09	46.00	49.00	2.90	3.00	1.66	57.24	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~30° to 40°, fractured along schistosity, irregular low angle fracture (~20° - 30°), occasionally fragmented core	Stringers & veins of Pyrite & Chalcopyrite @ 47.30-47.50	
MTB-09	49.00	52.00	2.95	3.00	2.10	71.19	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, schistosity angle ~ 30° to 35°, multiple fracture @~35° to 50°.	Rare & errotic dissemination of spces of sulfides (very fine grained) (Not worth sampling)	
MTB-09	52.00	55.00	2.90	3.00	0.84	28.97	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~ 30°, multiple fractured/splitting along schistosity plane, broken & fragmented core, schistosity parallel quartz vein	Stringers & spces of Chalcopyrite & Pyrite along schistosity	
MTB-09	55.00	58.00	2.76	3.00	1.22	44.20	Greenish grey	Quartz - feldspathic - amphibole - biotite - chlorite schist (metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~ 30°, multiple fractured/splitting along schistosity plane, broken & fragmented core, schistosity parallel quartz vein	Rare stringers & veins of Chalcopyrite along schistosity (Not worth sampling)	
MTB-09	58.00	61.00	2.83	3.00	0.59	20.85	Greenish grey	Quartz - biotite - chlorite schist ± amphibole + bands of basic intrusive @~60.37-61.00 + veins	Hard & compact	Fine grained	Strongly schistosed @~30°, highly fractured along schistosity and other irregular fractures, highly fragmented & broken core	Stringers & disseminated spces of Chalcopyrite at few place (Not worth sampling)	
MTB-09	61.00	64.00	2.80	3.00	1.79	63.93	Grey	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, highly fractured & fragmented, thin to thick (~30cm) quartz veins, sheared & brecciated, fragmented core	Rare spces of sulfides (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-09	64.00	67.00	2.80	3.00	0.55	19.64	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Large garnet porphyroblast , strongly schistosed , multiple fracture , fracture angle ranges from ~20° to 50° , highly fragmented core, sheared quartz veins	Stringers & disseminated spces of Chalcopyrite along schistosity @~66-67.00	
MTB-09	67.00	70.00	3.00	3.00	2.01	67.00	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30° large garnet porphyroblast , occasionally crenulation , fractured along schistosity , sheared quartz vein	Stringers & disseminated spces of Chalcopyrite along schistosity @~66-67.00	
MTB-09	70.00	73.00	2.97	3.00	1.42	47.81	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30°, fractured along schistosity , also few angle fracture (~ 20°) occasionally running parallel to CA, broken & fragmented core, sheared quartz vein	Vein of Chalcopyrite along with stringers along schistosity (70-72)	
MTB-09	73.00	76.00	2.96	3.00	2.20	74.32	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30°, mostly fractured parallel to schistosity , sheared quartz veins , occasionally silicified	Stringers & spces of Chalcopyrite along schistosity (75-76.00)	
MTB-09	76.00	79.00	3.00	3.00	2.10	70.00	Light grey	Garnetiferous - quartz - chlorite - biotite schist (silicified) + quartz vein	Hard & compact	Fine grained	Strongly schistosed , @~30° to 35°, strongly silicified, fractured along schistosity , also few fracture at high angle (>70°) , occasionally fragmented core , sheared quartz veins	Dense stringers & spces of Chalcopyrite along schistosity	
MTB-09	79.00	82.00	2.90	3.00	2.33	80.34	Light grey	Garnetiferous - quartz - chlorite - biotite schist (silicified) + quartz vein	Hard & compact	Fine to very coarse grained	Large garnet porphyroblast , strongly schistosed , @~30° to 40°, few fractures , occasionally silicified , shered quartz veins	Dense stringers & spces of Chalcopyrite along schistosity @ 79.00-80.00, at 80.00-82.00 disseminated spces of Chalcopyrite	
MTB-09	82.00	85.00	2.92	3.00	2.16	73.97	Light grey	Garnetiferous - quartz - chlorite - biotite schist (silicified) + quartz vein	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30°, few fractures , sheared quartz veins , occasionally silicified	Fine disseminated spces, veinlets & stringers of Chalcopyrite	
MTB-09	85.00	88.00	2.98	3.00	2.20	73.83	Light grey	Garnetiferous - quartz - chlorite - biotite schist (silicified) + quartz vein	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30°, few fractures , sheared quartz veins , occasionally silicified	Fine disseminated spces, veinlets & stringers of Chalcopyrite	
MTB-09	88.00	91.00	2.94	3.00	1.67	56.80	Light grey	Garnetiferous - quartz - chlorite - biotite schist (silicified) + quartz vein	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30°, few fractures , sheared quartz veins , occasionally silicified	Fine disseminated spces, veinlets & stringers of Chalcopyrite	
MTB-09	91.00	94.00	3.00	3.00	2.20	73.33	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30° to 40°, occasionally silicified , few fractured along schistosity , occasionally fragmented core	Stringers , veinlets & spces of Chalcopyrite along schistosity	
MTB-09	94.00	97.00	3.00	3.00	2.44	81.33	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30° to 40°, occasionally silicified , few fractured along schistosity , occasionally fragmented core	Spces , stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-09	97.00	100.00	2.92	3.00	2.50	85.62	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~30° to 40°, occasionally silicified , few fractured along schistosity , occasionally fragmented core	Spces , stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-09	100.00	103.00	3.05	3.00	2.53	82.95	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~35° to 40°, fractured along schistosity , sheared quartz veins	Vein & stringers along with minor spces of Chalcopyrite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-09	103.00	106.00	2.91	3.00	2.06	70.79	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~35° to 40°, fractured along schistosity, sheared quartz veins, fragmented core, sheared quartz veins	Minor spees & stringers of Chalcopyrite along schistosity	
MTB-09	106.00	109.00	2.98	3.00	1.61	54.03	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°, crenulated, mostly fractured along schistosity, occasionally fragmented core, sheared quartz veins	Spees & stringers of Chalcopyrite along schistosity	
MTB-09	109.00	112.00	2.94	3.00	2.00	68.03	Grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins + bands of Metabasic schist (111.80-112.00)	Hard & compact	Fine to very coarse grained	Strongly schistosed @~40°, crenulated, mostly fractured along schistosity, occasionally fragmented core, sheared quartz veins	Spees & stringers of Chalcopyrite along schistosity	
MTB-09	112.00	115.00	0.70	0.71	2.37	79.80	Greenish grey	Quartz - amphibole - biotite - chlorite schist (metabasic schist)	Hard & compact	Very fine grained	Moderately schistosed @~40°-45°, few fractures	Spees & stringers of Chalcopyrite along schistosity	
MTB-09			2.27	2.29			Grey with pink patches	Garnetiferous- quartz - chlorite - biotite schist + quartz veins	Hard & compact	Very fine grained	Strongly schistosed, crenulated few fractures along schistosity		
MTB-09	115.00	118.00	3.00	3.00	2.49	83.00	Grey with pink patches	Garnetiferous- quartz - chlorite - biotite schist + quartz veins	Hard & compact	Very fine grained	Strongly schistosed, crenulated few fractures along schistosity sheared quartz veins	Minor stringers of Chalcopyrite along schistosity	
MTB-09	118.00	121.00	2.80	3.00	2.02	72.14	Grey with pink patches	Garnetiferous- quartz - chlorite - biotite schist + quartz veins	Hard & compact	Very fine grained	Strongly schistosed, crenulated few fractures along schistosity sheared quartz veins		
MTB-09	121.00	124.00	3.00	3.00	1.30	43.33	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine to very coarse grained	Strongly schistosed @~35° to 40°, quartz veins	Stringers & veins of Chalcopyrite along schistosity	
MTB-09	124.00	127.00	2.95	3.00	2.15	72.88	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein + band of amphibole - quartz - chlorite schist (Metabasic schist)	Hard & compact	Fine to very coarse grained	Strongly schistosed sheared quartz veins, large garnet porphyroblasts	Rare spees of Chalcopyrite	
MTB-09	127.00	130.00	3.00	3.00	2.15	71.67	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein + band of amphibole - quartz - chlorite schist (Metabasic schist)	Hard & compact	Fine to very coarse grained	Strongly schistosed sheared quartz veins, large garnet porphyroblasts		
MTB-10	0.00	3.00	0.05	3.00			Yellow	Soil	Loose, cohesive				
MTB-10	3.00	6.00	0.10	3.00			Yellow	Soil	Loose, cohesive				
MTB-10	6.00	7.00	0.10	1.00			Yellow	Soil	Loose, cohesive				
MTB-10	7.00	10.00	0.60	3.00			Yellow white	Oxidised quartzite boulder	Hard		Highly fractured & fragmented		Oxidised
MTB-10	10.00	13.00	0.35	3.00			Yellow white	Oxidised quartzite boulder	Hard to soft		Highly fractured & fragmented, core loss		Oxidised
MTB-10	13.00	16.00	0.75	3.00			Yellowish grey	Highly oxidised schistosed rock	Moderate hard to soft & friable	Fine grained	Schistosed strongly oxidised, highly weathered fractured & fragmented core		
MTB-10	16.00	19.00	2.33	3.00			Yellowish grey	Highly oxidised schistosed rock	Moderate hard to soft & friable	Fine grained	Schistosed strongly oxidised, highly weathered fractured & fragmented core		
MTB-10	19.00	22.00	2.49	3.00	0.10	4.02	Yellowish grey to grey	Highly oxidised schistosed rock	Hard & compact		Schistosed, highly weathered & oxidised fractured & friable		
MTB-10	22.00	25.00	2.84	3.00	0.30	10.56	Greenish grey	Quartz-feldspathic- amphibole - biotite - chlorite - schist (altered & silicified metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 40°, highly fractured & fragmented, broken core, oxidised along fracture		
MTB-10	25.00	28.00	2.70	3.00	0.69	25.56	Greenish grey	Quartz-feldspathic- amphibole - biotite - chlorite - schist (altered & silicified metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 40°, highly fractured & fragmented, broken core, oxidised along fracture		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-10	28.00	31.00	2.93	3.00	1.30	44.37	Greenish grey	Quartz-feldspathic- amphibole - biotite - chlorite - schist (altered & silicified metabasic schist)	Hard & compact	Fine grained	Highly fractured & fragmented, strongly schistosed, @~30°, oxidised along fracture		
MTB-10	31.00	34.00	2.85	3.00	1.05	36.84	Greenish grey	Quartz-feldspathic- amphibole - biotite - chlorite - schist (altered & silicified metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35° w.rt CA, highly fragmented @ middle, fractured along schistosity, quartz veins oxidised along fracture		
MTB-10	34.00	37.00	2.95	3.00	0.34	11.53	Greenish grey	Amphibole quartz - biotite - chlorite - schist (altered & silicified) + quartz veins (Altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, highly fractured parallel to CA, fragmented & broken core, oxidised along fracture		
MTB-10	37.00	40.00	2.93	3.00	0.40	13.65	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, highly fractured along schistosity, broken & fragmented core, partially to fully oxidised along fracture zone		
MTB-10	40.00	43.00	3.00	3.00	0.22	7.33	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, highly fractured parallel to schistosity, also few irregular fracture broken & fragmented core, sheared quartz veins		
MTB-10	43.00	46.00	3.00	3.00	1.56	52.00	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, @~30° to 35°, highly fractured along the schistosity, fragmented & broken core, minor sheared quartz veins		
MTB-10	46.00	49.00	3.00	3.00	2.04	68.00	Greenish grey	Quartz-feldspathic -amphibole - chlorite - biotite schist (Metabasic schist)	Very hard & compact	Fine grained	Strongly schistosed, @~30° to 40°, few fractured along schistosity, silicified at place thin quartz veins		
MTB-10	49.00	51.00	1.82	2.00	1.42	78.02	Greenish grey to grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~35°, fracture parallel to schistosity, thin quartz veins, occasionally silicified		HQ ↑
MTB-10	51.00	52.00	0.90	1.00	0.60	66.67	Greenish grey to grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~35°, fracture parallel to schistosity, thin quartz veins, occasionally silicified		NQ↓
MTB-10	52.00	55.00	2.95	3.00	1.26	42.71	Greenish grey to grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Very hard & compact	Fine grained	Strongly to moderately schistosed @~30° to 35°, w.rt CA, irregularly fractured, fragmented & broken core, oxidised along fracture		
MTB-10	55.00	58.00	3.00	3.00	2.09	69.67	Greenish grey to grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, fractured & splitted along schistosity, occasionally silicified, oxidised along few fracture	Single vein (2-3m) of Chalcopyrite @~56.00 along with fine stringers (Not worth sampling) disseminated	
MTB-10	58.00	61.00	2.85	3.00	1.86	65.26	Greenish grey to grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, fractured along schistosity, occasionally, broken & fragmented core, thin quartz veins parallel to schistosity		
MTB-10	61.00	64.00	2.88	3.00	0.26	9.03	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35° w.rt CA, fractured & splitted along schistosity multiple low angle (~ 20° to 30°) fracture discordant to foliation broken & fragmented core, carbonate vein along fracture.		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-10	64.00	67.00	2.70	3.00	0.65	24.07	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~35° to 40°, highly fractured & fragmented, broken core, multiple thin & sheared quartz veins		
MTB-10	67.00	70.00	3.00	3.00	1.83	61.00	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°, occasionally silicified zone, fracture parallel to schistosity, thin quartz veins	Minor stringers of Pyrite & Chalcopyrite (Not worth sampling)	
MTB-10	70.00	73.00	2.97	3.00	2.25	75.76	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~20° to 40°, mostly fractured/splitted along schistosity, low angle fracture filled with clayey (?) material, thin quartz veins		
MTB-10	73.00	76.00	2.95	3.00	2.02	68.47	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 35°, mostly fractured/splitted along schistosity, occasionally silicified, quartz veins	Rare & erratic dissemination of fine stringers of Chalcopyrite (Not worth sampling)	
MTB-10	76.00	79.00	3.00	3.00	1.75	58.33	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°, mostly fractured/splitted parallel to schistosity, occasionally broken & fragmented core, thin sheared quartz veins along schistosity	Rare & very erratic dissemination of fine stringers of Chalcopyrite (Not worth sampling)	
MTB-10	79.00	82.00	3.00	3.00	1.72	57.33	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°, mostly fractured/splitted parallel to schistosity, occasionally broken & fragmented core, thin sheared quartz veins along schistosity, occasionally silicified	Very rare stringers & veins of Pyrite & Chalcopyrite (Not worth sampling)	
MTB-10	82.00	85.00	2.97	3.00	1.94	65.32	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°, mostly fractured/splitted parallel to schistosity, occasionally broken & fragmented core, thin sheared quartz veins along schistosity, occasionally silicified		
MTB-10	85.00	88.00	2.90	3.00	2.38	82.07	Greenish grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°, mostly fractured/splitted parallel to schistosity, occasionally broken & fragmented core, thin sheared quartz veins along schistosity, occasionally silicified		
MTB-10	88.00	91.00	2.98	3.00	1.88	63.09	Greenish grey	Quartz-feldspathic - chlorite - biotite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30° to 40°, occasionally silicified, folded thick quartz veins	Very rare dissemination of sulfides (Not worth sampling)	
MTB-10	91.00	94.00	3.00	3.00	0.83	27.67	Greenish dark grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) + Quartz-feldspathic vein	Hard & compact	Fine grained	Strongly schistosed@~30° to 45°, wavy schistosity, fractured & fragmented core, sheared & folded quartz veins	Minor disseminated spes of Pyrite & Chalcopyrite along sheared quartz vein (Not worth sampling)	
MTB-10	94.00	97.00	3.00	3.00	1.93	64.33	Greenish dark grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) Quartz-feldspathic vein	Hard & compact	Fine grained	Strongly schistosed fractured along schistosity, sheared quartz veins	Brass coloured massive fracture filling nature(?) Pyrrhotite/Pentlandite (?) (magnetic in nature),	
MTB-10	97.00	100.00	2.85	3.00	2.15	75.44	Greenish dark grey	Quartz-feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed@~35° to 40°, few fracture along schistosity	Very rare spes of sulfides (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-10	100.00	103.00	2.97	3.00	0.70	23.57	Greenish grey	Amphibole - biotite - chlorite schist (Metabasic schist)	Hard & compact	Very fine grained to fine grained	Moderately schistosed multiple fracture @ 45° to 50°, also few low angle fracture (~20°) broken & fragmented core	Very rare spces of sulfides (Not worth sampling)	
MTB-10	103.00	106.00	3.00	3.00	1.80	60.00	Dark grey to pink patches	Garnetiferous - quartz - chlorite - biotite schist + bands of chlorite schist	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast strongly schistosed @~20° to 30°, fractured along schistosity, occasionally fragmented core	Stringers of Chalcopyrite along schistosity	
MTB-10	106.00	109.00	3.00	3.00	2.47	82.33	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist ± amphibole (altered & silicified)	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~20° to 30°, mostly fractured along schistosity	Irregular & erratic dissemination of spces & stringers of Chalcopyrite along schistosity	
MTB-10	109.00	112.00	3.00	3.00	2.12	70.67	Greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast strongly schistosed @~20° to 30°, wavy schistosity few fracture @~60° to 70°, sheared quartz veins	Irregular & erratic dissemination of spces & stringers of Chalcopyrite along schistosity	
MTB-10	112.00	115.00	2.93	3.00	2.16	73.72	Greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~ 20° to 30°, fracture parallel to schistosity, along with few fracture at high angle (~60° to 70°) occasionally fragmented core sheared & folded quartz veins	Irregular & erratic dissemination of spces & stringers of Chalcopyrite along schistosity	
MTB-10	115.00	118.00	2.88	3.00	2.38	82.64	Greenish grey with pink patches	Garnetiferous quartz - biotite - chlorite schist ± amphibole	Hard & compact	Fine grained to very coarse grained	Strongly schistosed@~30° to 35°, fractured along schistosity, quartz vein parallel to schistosity	Irregular & erratic dissemination of spces & stringers of Chalcopyrite along schistosity	
MTB-10	118.00	121.00	3.00	3.00	2.73	91.00	Greenish grey with pink patches	Garnetiferous quartz - biotite - chlorite schist ± amphibole	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30° to 40°, fractured along schistosity, sheared quartz vein parallel to schistosity	Irregular & erratic dissemination of spces & stringers of Chalcopyrite along schistosity	
MTB-10	121.00	124.00	2.87	3.00	2.17	75.61	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30° to 45°, fractured along schistosity	Minor stringers of Chalcopyrite along inter - porphyroblast zone @~121.90 rare & erratic dissemination of spces of sulfides rest of the core (Not worth sampling) < 0.05 %	
MTB-10	124.00	127.00	2.99	3.00	1.85	61.87	Grey to greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Large to garnet porphyroblast, strongly schistosed @~30° to 40°, few fracture, occasionally fragmented core, quartz veins	Disseminated spces & stringers of Chalcopyrite along schistosity,occurring in a zoned manner	
MTB-10	127.00	130.00	3.00	3.00	2.32	77.33	Grey to greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Large to garnet porphyroblast, strongly schistosed @~30° to 40°, few fracture, occasionally fragmented core, quartz veins	Stringers & spces of Chalcopyrite along schistosity occuring in a zoned manner, erratic & irregular in nature	
MTB-10	130.00	133.00	2.93	3.00	1.98	67.58	Grey to greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Large to garnet porphyroblasts strongly schistosed @~30° to 40°, fractured along schistosity along with irregular fracture, occasionally fragmented core, quartz vein	Stringers & spces of Chalcopyrite along schistosity occasionally as erratic zone & also as dissemination	
MTB-10	133.00	136.00	3.00	3.00	2.71	90.33	Grey to greenish grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, few fracture occasionally fragmented	Stringers & spces of Chalcopyrite along schistosity occasionally as erratic zone & also as dissemination	
MTB-10	136.00	139.00	3.00	3.00	2.61	87.00	Dark grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist	Hard & compact	Fine grained to very coarse grained	Large to garnet porphyroblast strongly schistosed @~30° to 40°, fractured along schistosity	Minor stringers & disseminated spces of Chalcopyrite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-10	139.00	142.00	2.90	3.00	2.55	87.93	Dark grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, wavy schistosity, few fractures	Stringers & spces of Chalcopyrite along schistosity occasionally as erratic zones & disseminated manner,	
MTB-10	142.00	145.00	2.87	3.00	2.30	80.14	Dark grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, wavy schistosity, few fractures	Stringers & spces of Chalcopyrite along schistosity occasionally as erratic zones & disseminated manner,	
MTB-10	145.00	148.00	3.00	3.00	2.10	70.00	Dark grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~20° to 40°, fractured along schistosity, sheared & brecciated quartz veins	Minor stringers & spces of Chalcopyrite at few place	
MTB-10	148.00	151.00	2.97	3.00	2.65	89.23	Dark grey with pink patches	Garnetiferous - quartz - chlorite - biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~20° to 40°, fractured along schistosity, sheared & brecciated quartz veins	Minor stringers & spces of Chalcopyrite at few place	
MTB-10	151.00	154.00	2.97	3.00	2.37	79.80	Dark greenish grey along with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30° to 40°, fractured along schistosity, sheared quartz veins	Minor occerenes of disseminated spces of Chalcopyrite	
MTB-10	154.00	157.00	3.00	3.00	2.34	78.00	Dark greenish grey along with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30° to 40°, fractured along schistosity, sheared quartz veins	Stringers & spces of Chalcopyrite along schistosity	
MTB-10	157.00	160.00	2.90	3.00	1.83	63.10	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblasts strongly schistosed @~30°, fractured along schistosity, fragmented core quartz vein	Disseminated spces & stringers of Chalcopyrite along schistosity 157-158 @ 0.10-20%	
MTB-10	160.00	163.00	2.95	3.00	1.76	59.66	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblasts strongly schistosed @~30°, fractured along schistosity, fragmented core quartz vein	Rare spces of Chalcopyrite (Not worth sampling)	
MTB-10	163.00	166.00	3.00	3.00	2.05	68.33	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30° to 40°, fractured along schistosity, sheared quartz veins	Rare spces of Chalcopyrite (Not worth sampling)	
MTB-10	166.00	169.00	2.98	3.00	2.04	68.46	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast, strongly schistosed @~30° to 35°, mostly fractured/splitted along schistosity, few quartz vein	Very rare spces & stringers of sulfides (Not worth sampling)	
MTB-10	169.00	172.00	3.00	3.00	1.84	61.33	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast, strongly schistosed @~30° to 35°, mostly fractured/splitted along schistosity, few quartz vein, fragmented core	Spces & stringers of Chalcopyrite along schistosity at bottom	
MTB-10	172.00	175.00	3.00	3.00	2.58	86.00	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast, strongly schistosed @~30° to 35°, mostly fractured/splitted along schistosity, few quartz vein, fragmented core	Spces & stringers of Chalcopyrite along schistosity	
MTB-10	175.00	178.00	3.00	3.00	2.59	86.33	Greenish grey with pink patches	Garnetiferous - quartz - biotite - chlorite + quartz vein	Hard & compact	Fine grained to very coarse grained	Large garnet porphyroblast, strongly schistosed @~30° to 35°, mostly fractured/splitted along schistosity, few quartz vein, fragmented core	Rare spces of Chalcopyrite (Not worth sampling)	
MTB-10	178.00	180.00	2.02	2.00	1.19	58.91	Grey	Garnetiferous + kyanite bearing Banded quartzite	Hard & compact	Fine grained	Massive to feebly schistosed, banded, alternate garnet & kyanite bearing band, fractured & fragmented core,		
MTB-11	0.00	3.00	0.22	3.00			Yellowish grey	Top soil	Soft loose & conesive				
MTB-11	3.00	6.00	0.26	3.00			Yellowish grey	Top soil	Soft loose & conesive				

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-11	6.00	9.00	0.27	3.00			Yellowish grey	Top soil	Soft loose & conesive				
MTB-11	9.00	10.00	0.16	1.00			White	Quartzite boulder	Hard & compact	Fine grained	Massive		
MTB-11	10.00	13.00	0.30	3.00			Yellow greenish grey	Weathered schistosed rock	Soft loose & friable	Fine grained	schistosed		
MTB-11	13.00	16.00	0.69	3.00			Yellow greenish grey	Weathered schistosed rock	Soft loose & friable	Fine grained	Schistosed, highly fractured, fragmented & friable oxidised		
MTB-11	16.00	19.00	3.00	3.00	1.66	55.33	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~30°, fractured along schistosity, occasional fragmented core, oxidised at top		
MTB-11	19.00	22.00	3.00	3.00	0.82	27.33	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~35° to 40°, wavy /crenulated, multiple fracture along schistosity, fragmented core oxidised along fracture	Few minor veins of Pyrite & Chalcopyrite @20.00 (Not Worth Sampling)	
MTB-11	22.00	25.00	3.00	3.00	0.96	32.00	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, fractured along schistosity, low angle fracture (~20°) oxidation along low angle fracture fragmented core,	Rare specs & stringers of sulfides (Not Worth Sampling)	
MTB-11	25.00	28.00	3.00	3.00	0.95	31.67	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°, highly fractured along schistosity, fragmented & broken core, highly oxidised along fractured zone	Rare specs & stringers of sulfides along schistosity & adjacent to quartz veins (Not Worth Sampling) 27.95-28.05 @~<0.10%	
MTB-11	28.00	31.00	3.00	3.00	1.97	65.67	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40° wrt CA, fractured along schistosity, low angle fracture, quartz - carbonate vein @~30°	Minor stringers & veinlets of Pyrite & Chalcopyrite along schistosity	
MTB-11	31.00	34.00	2.85	3.00	1.60	56.14	Greenish grey	Quartz feldspathic amphibole biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40° to 50°, fractured along schistosity, along with few irregular fracture fragmented core	Stringers & specs of Chalcopyrite & Pyrite along schistosity @~33-34.00 < 0.10 %(Not Worth Sampling)	
MTB-11	34.00	36.00	1.82	2.00	0.94	51.65	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40° to 45°, fractured along schistosity, few fracture @50° discordant to schistosity, oxidation along fracture, folded quartz vein		↑ HQ
MTB-11	36.00	37.00	0.99	1.00	0.68	68.69	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, few irregular fractures	Very rare specs of sulfides (Not Worth Sampling)	↑HQ ↓NQ
MTB-11	37.00	40.00	2.85	3.00	1.14	40.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45° to 50°, fractured along schistosity, along with few irregular fracture altered & silicified		
MTB-11	40.00	43.00	2.90	3.00	0.70	24.14	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, highly fractured & fragmented along schistosity, broken core, schistosity parallel quartz vein	Minor veins of sulfides (pyrite & Chalcopyrite)@41.20 (10cm @0.10 %)	
MTB-11	43.00	46.00	2.88	3.00	1.63	56.60	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45° to 50°, fractured along schistosity, quartz vein, silicified at place.	Minor isolated veins & stringers of Chalcopyrite along schistosity - 3m <0.05% (Not Worth Sampling)	
MTB-11	46.00	49.00	2.94	3.00	1.66	56.46	Greenish grey	Quartz feldspathic biotite + chlorite schist ± amphibole + quartz vein (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45° to 50°, fractured/splited parallel to schistosity, along with few irregular fracture, quartz vein, oxidation along few fracture		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-11	49.00	52.00	2.94	3.00	1.76	59.86	Greenish grey	Quartz feldspathic biotite + chlorite schist ± amphibole + quartz vein (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, fractured along schistosity, low angle fracture (~10° to 15°) @49.70 schistosity parallel quartz veins	Isolated veins of sulfides (pyrite & Chalcopyrite)@51.75 , 50cm @<0.10% (Not Worth Sampling)	
MTB-11	52.00	55.00	3.00	3.00	1.02	34.00	Greenish grey	Quartz feldspathic biotite + chlorite schist ± amphibole + quartz vein (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50° to 55°, multiple fractures/splitings along schistosity, fragmented core, schistosity parallel quartz veins	Very rare specs & isolated stringers of Chalcopyrite & Pyrite (Not Worth Sampling) 3m @~< 0.05 %	
MTB-11	55.00	58.00	3.00	3.00	1.95	65.00	Greenish grey	Quartz feldspathic biotite + chlorite schist ± amphibole + quartz vein (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50° to 55°, multiple fractures/splitings along schistosity, fragmented core, schistosity parallel quartz veins	Very rare specs & isolated stringers of Chalcopyrite & Pyrite (Not Worth Sampling) 3m @~< 0.05 %	At place oxidised /weathered & friable
MTB-11	58.00	61.00	3.00	3.00	1.30	43.33	Greenish grey	Quartz feldspathic biotite + chlorite schist ± amphibole + quartz vein (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50° to 55°, multiple fractures/splitings along schistosity, fragmented core, schistosity parallel quartz veins	Rare isolated stringers of Chalcopyrite & Pyrite @ (59-60) along schistosity <0.05% (Not Worth Sampling)	
MTB-11	61.00	64.00	2.93	3.00	1.75	59.73	Greenish grey	Quartz feldspathic biotite chlorite schist (altered metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~°, mostly fractured along schistosity, fragmented core, silicified		
MTB-11	64.00	67.00	2.95	3.00	1.26	42.71	Greenish grey	Quartz feldspathic biotite chlorite schist (altered metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~°, mostly fractured along schistosity, fragmented core, silicified	Rare & isolated specs of sulfides (Not Worth Sampling)	
MTB-11	67.00	70.00	2.90	3.00	1.55	53.45	Greenish grey	Garnetiferous quartz chlorite biotite schist + bands of basic intrusives	Hard & compact	Fine grained	Strongly schistosed @~50° to 55°, fractured along schistosity, fragmented core, sheared & brecciated quartz veins	Rare specs of Chalcopyrite along quartz vein, along with few isolated stringers along schistosity (Not Worth Sampling)	
MTB-11	70.00	73.00	2.85	3.00	1.97	69.12	Greenish grey	Garnetiferous quartz chlorite biotite schist + quartz veins (altered & silicified)	Hard & compact	Fine medium grained	Strongly schistosed @~50°, schistosity parallel sheared & brecciated quartz veins fractured along schistosity	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11	73.00	76.00	2.81	3.00	1.63	58.01	Greenish grey	Garnetiferous quartz chlorite biotite schist + quartz veins (altered & silicified)	Hard & compact	Fine medium grained	Strongly schistosed @~50°, schistosity parallel sheared & brecciated quartz veins fractured along schistosity	Minor isolated specs & stringers along schistosity adjacent to quartz veins & garnet porphyroblast (Not Worth Sampling)	
MTB-11	76.00	79.00	2.90	3.00	1.37	47.24	Dark grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz vein occasionally silicified	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45° to 50°, fractured along schistosity, few fracture at low angle (~30°) quartz vein	Minor isolated specs & stringers along schistosity & garnet porphyroblast	
MTB-11	79.00	82.00	2.99	3.00	1.90	63.55	Dark grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz vein occasionally silicified	Hard & compact	Fine grained to very course grained	Large garnet porphyroblast strongly schistosed @~45° to 50°, low angle fracture @20°-30° with oxidation fracture (limonite)	Stringers , veins & specs of Chalcopyrite along schistosity	
MTB-11	82.00	85.00	2.95	3.00	1.69	57.29	Dark grey with pink patches	Garnetiferous quartz mica chlorite schist + bands of metabasic schist	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45°-50°, fractured along schistosity, fragmented core at top, quartz veins parallel to schistosity	Rare isolated stringers & specs of Chalcopyrite aong schistosity adjacent to porphyroblast (Not Worth Sampling)	
MTB-11	85.00	88.00	2.94	3.00	2.12	72.11	Dark grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45° to 50°, multiple fractures along schistosity, sheared & folded quartz veins	Rare isolated stringers & specs of Chalcopyrite aong schistosity adjacent to porphyroblast (Not Worth Sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-11	88.00	91.00	3.00	3.00	1.97	65.67	Dark grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz veins (occasionally silicified)	Hard & compact	Fine grained to very course grained	Strongly schistosed, wavy schistosity, fractured/splitting along schistosity, sheared & folded quartz veins parallel to schistosity	Stringers & specs of Chalcopyrite along schistosity 90-91 @<0.10% (Not Worth Sampling)	
MTB-11	91.00	94.00	3.00	3.00	2.10	70.00	Greenish grey with pink patches	Alternate bands (intercalation) of Garnetiferous quartz mica schist & metabasic schist	Hard & compact	Fine grained to course grained	Moderately to strongly schistosed @~50°, few fractured along schistosity, sheared quartz vein @~20cm	Rare specs & stringers of Chalcopyrite (Not Worth Sampling)	
MTB-11	94.00	97.00	3.00	3.00	2.27	75.67	Grey & pink grey	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Large to very large garnet porphyroblast, cluster of garnet porphyroblast @ 94-95, strongly schistosed few fracture parallel to schistosity quartz veins	Rare specs & stringers of Chalcopyrite (Not Worth Sampling)	
MTB-11	97.00	100.00	2.99	3.00	2.08	69.57	Grey & pink grey	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Strongly schistosed@~50°-65°, fractured along schistosity, crenulation, sheared & folded schistosity parallel quartz veins	Rare stringers & specs of Chalcopyrite along schistosity (Not Worth Sampling)	
MTB-11	100.00	103.00	3.00	3.00	2.00	66.67	Grey & pink grey	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Large garnet porphyroblasts occurring as cluster, strongly schistosed @~50°-55°, multiple fracture parallel to schistosity, quartz veins	Very minor disseminated specs (isolated zones)of Chalcopyrite (Not Worth Sampling)	
MTB-11	103.00	106.00	3.00	3.00	2.00	66.67	Grey & pink grey	Garnetiferous quartz mica chlorite schist + multiple bands of metabasic schist 103.90-104.00, 104.80-104.90, 106.50-106.75	Hard & compact	Fine grained to very course grained	Garnet porphyroblast occuring as cluster moderately to strongly schistosed @~50°-55°, occasionally fargmented core, quartz veins	Disseminated specs & stringers along garnet clusters	
MTB-11	106.00	109.00	3.00	3.00	2.37	79.00	Pink grey	Garnetiferous quartz mica chlorite schist + bands of metabasic @106.25-106.37	Hard & compact	Fine grained to very course grained	Garnet porphyroblast occuring as cluster, strongly schistosed @~50°, fractured along schistosity quartz veins	Stringers & disseminated specs of Chalcopyrite along garnet clusters divided in isolated zones (Not Worth Sampling)	
MTB-11	109.00	112.00	3.00	3.00	1.84	61.33	Pink grey	Garnetiferous quartz chlorite mica schist + band of metabasic @~109.68-110.10	Hard & compact	Fine grained to very course grained	Strongly schistosed, cluster of garnet porphyroblast, fractured along schistosity, low angle fracture (~20°) @ metabasic schist, occasionally fragmented core.	Very minor isolated stringers (Not Worth Sampling)	
MTB-11	112.00	115.00	2.99	3.00	2.37	79.26	Pink grey	Garnetiferous quartz mica chlorite schist		Fine grained to very course grained	Strongly schistosed,wavy /crenulated schistosity, garnet cluster, folded quartz veins	Rare disseminated specs & stringers along schistosity & garnet clusters (Not Worth Sampling)	
MTB-11	115.00	118.00	3.00	3.00	1.91	63.67	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist + band of metabasic @115.30-116.10	Hard & compact	Fine grained to very course grained	Moderately to strongly schistosed @~50°-55°, mostly fracture/splitled along schistosity, low angle fracture (~20°-30°), fragmented core.	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11	118.00	121.00	3.00	3.00	1.60	53.33	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to course grained	Strongly schistosed @~50°-55°, fractured & fragmented core, schistosity parallel quartz veins	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11	121.00	124.00	2.93	3.00	1.56	53.24	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Strongly schistosed @~50°, fractured along schistosity, also few angle fracture (~30°), sheared & brecciated quartz veins	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11	124.00	127.00	1.59	3.00	1.78	61.81	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist + quartz veins	Hard & compact	Fine grained to very course grained	Strongly schistosed, garnet porphyroblast cluster fractured/fragmented core	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11			0.80				Greenish grey	Amphibole biotite chlorite schist/Amphibolite (Basic intrusive)	Very hard & compact	Very fine grained	Feeble - moderately schistosed few fracture	Rare specs & stringers of Chalcopyrite	Sharp contact

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-11			0.49				Grey	Garnetiferous quartzite	Very hard & compact	Very fine grained	Massive to feeble schistosed, fractured & fragmented core	Veins & stringers of Chalcopyrite & Pyrite	Sharp contact @~40°
MTB-11	127.00	130.00	0.30	3.00	0.96	32.00	Grey	Garnetiferous quartzite	Very hard & compact	Very fine grained	Massive to feeble schistosed, fractured & fragmented core		
MTB-11			1.70				Greenish grey	Amphibole biotite chlorite schist/Amphibolite (Basic intrusive)	Very hard & compact	Very fine grained	feeble to moderately schistosed @~40°, multiple conjugate fracture @~45°-40°, quartz veins		
MTB-11			1.00				Grey	Garnetiferous quartzite ± mica ± chlorite ± kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed highly fractured @~45°-50°, also low angle fracture (~05°-10°) fragmented & broken core at bottom		
MTB-11	130.00	133.00	3.00	3.00	1.33	44.33	Grey	Garnetiferous quartzite ± bands of Garnetiferous quartz mica schist	Very hard & compact	Fine grained to course grained	Massive, multiple fracture @~45°-50°,highly fracture, fragmented & broken core at middle	Very rare specs of Chalcopyrite in garnet schist band	
MTB-11	133.00	136.00	1.68	3.00	1.55	55.76	Grey with pink patches	Garnetiferous quartz chlorite mica schist	Very hard & compact	Very fine grained to course grained	Strongly schistosed @~45°-50°, fractured along schistosity	Veins & stringers of Chalcopyrite along schistosity	
MTB-11			1.10				Grey	Garnetiferous quartzite ± Kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed at place highly fractured @~45°-50°, fragmented & broken core,		
MTB-11	136.00	139.00	3.00	3.00	1.77	59.00	Grey	Garnetiferous quartzite ± Kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed multiple fractures @~45°-50°, fragmented core.	Isolated stringers of Chalcopyrite along fracture in quartzite @138.95 (Not Worth Sampling)	
MTB-11	139.00	142.00	3.00	3.00	1.76	58.67	Grey	Garnetiferous quartzite ± Kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed multiple fractures @~45°-50°, fragmented core.	Isolated veins of Chalcopyrite along fracture @141.70 (Not Worth Sampling)	
MTB-11	142.00	145.00	2.98	3.00	1.79	60.07	Grey	Garnetiferous quartzite + bands of Garnetiferous chlorite schist	Very hard & compact	Fine grained to course grained	Massive, schistosed in the garnet chlorite schist band, multiple fractures @~45°-50°, low angle fractured @~20°-30°, fragmented & broken core.	Very rare isolated stringers of sulfides	
MTB-11	145.00	148.00	3.00	3.00	0.00	0.00	Grey	Garnetiferous quartzite	Very hard & compact	Fine grained	Massive to feebly schistosed highly fractured, fracture angle @~40°-50°, low angle fracture (~10°-15°) fragmented core.	Fracture filling stringers & veins of Chalcopyrite	
MTB-11	148.00	151.00	1.00	3.00	1.14	38.00	Grey	Garnetiferous quartzite	Very hard & compact	Fine grained	Massive to feebly schistosed highly fractured, fracture angle @~40°-50°, low angle fracture (~10°-15°) fragmented core.	Rare stringers of Chalcopyrite	
MTB-11			2.00				Grey with pink patches	Garnetiferous quartz mica chlorite schist	Very hard & compact	Fine grained to very course grained	Schistosed, highly fractured @~50°-60°, fragmented core .	Rare specs & stringers of Chalcopyrite (Not Worth Sampling)	
MTB-11	151.00	154.00	2.99	3.00	0.98	32.78	Grey	Garnetiferous quartz chlorite mica schist + quartz vein (occasionally silicified)	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45°-50°, multiple fractures along schistosity, sheared quartz veins parallel to schistosity		
MTB-11	154.00	157.00	2.96	3.00	2.23	75.34	Grey	Garnetiferous quartz chlorite mica schist + quartz vein (occasionally silicified)	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45°-50°, multiple fractures along schistosity, sheared quartz veins parallel to schistosity	Very rare specs of Chalcopyrite (Not Worth Sampling)	
MTB-11	157.00	160.00	1.87	3.00	1.50	50.00	Grey	Garnetiferous quartz chlorite mica schist + quartz vein (occasionally silicified)	Hard & compact	Fine grained to very course grained	Strongly schistosed @~45°-50°, multiple fractures along schistosity, sheared quartz veins parallel to schistosity		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-11			1.13				Grey	Garnetiferous + Kyanite banded quartzite	Hard & compact	Fine grained to medium grained	Massive to feebly schistosed at place quartz veins fractured @~50°.		
MTB-11	160.00	163.00	3.00	3.00	1.25	41.67	Grey	Garnetiferous + Kyanite banded quartzite	Hard & compact	Very fine grained	Massive, highly fractured @~50°-70°, along with low angle fractures @~20°-30°, highly fragmented & broken core.	Rare Stringers of Chalcopyrite along fracture	
MTB-11	163.00	166.00	2.94	3.00	1.17	39.80	Grey	Garnetiferous + Kyanite banded quartzite + bands of Garnetiferous chlorite mica schist	Hard & compact	Very fine grained	Massive to feebly schistosed fracture parallel to CA, fragmented & broken core	Stringers of Chalcopyrite along contact zone & along schistosity	
MTB-11	166.00	169.00	2.94	3.00	2.33	79.25	Grey	Garnetiferous + Kyanite bearing quartzite	Hard & compact	Fine grained to course grained	Massive to feebly schistosed @~50°-50°, few fractures		
MTB-11	169.00	170.00	1.23	1.00	0.70	56.91	Grey	Garnetiferous + Kyanite bearing quartzite	Hard & compact	Fine grained to course grained	Massive to feebly schistosed @~50°-50°, few fractures		
MTB-12	0.00	3.00	1.17	3.00			Reddish brown	Loose soil (gritty + pebbly)	Loose				
MTB-12	3.00	6.00	1.20	3.00			Brown to yellow	Loose soil + quartzite boulder	Loose				
MTB-12	6.00	9.00	0.99	3.00			Yellow brown	Sandy to clayey Soil	Loose & conesive				
MTB-12	9.00	10.00	0.50	1.00			Yellow brown	Sandy to clayey Soil	Loose & conesive				
MTB-12	10.00	11.20	0.96	1.20			Greenish grey	Quartz - biotite - chlorite schist ± amphibole (metabasic schist)	Moderate hard & compact	Fine grained	Strongly schistosed @50°- 55° fractured, partially oxidised along fracture		
MTB-12	11.20	12.00	0.42	0.80			Greenish grey	Quartz - biotite - chlorite schist ± amphibole (metabasic schist)	Moderate hard & compact	Fine grained	Strongly schistosed @50°- 55° fractured, partially oxidised along fracture		
MTB-12	12.00	13.00	1.01	1.00			Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) + quartz veins	Moderate hard & compact	Fine grained	Moderately to strongly schistosed @~35°- 40°, multiple fractured along schistosity, few fracture at > 70° w.r.t CA, oxidised along fracture folded quartz veins		
MTB-12	13.00	14.50	0.49	1.50			Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) + quartz veins	Moderate hard & compact occasionally loose & friable	Fine grained	Schistosed highly fractured & fragmented partially to fully weathered /oxidised		
MTB-12	14.50	15.00	0.58	0.50			Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) + quartz veins	Moderate hard & compact occasionally loose & friable	Fine grained	Schistosed highly fractured & fragmented partially to fully weathered /oxidised		
MTB-12	15.00	16.00	0.66	1.00			Greenish grey	Quartz - feldspathic -biotite - chlorite schist (metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fractured & fragmented, weathered & oxidised along fracture		
MTB-12	16.00	17.70	1.27	1.70			Greenish grey	Quartz - feldspathic -biotite - chlorite schist (metabasic schist)		Fine grained	Strongly schistosed @~50°, highly fractured & fragmented, weathered & oxidised along fracture		
MTB-12	17.70	19.30	1.45	1.60			Greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fractured & fragmented few fractured parallel to CA, weathered /oxidised along schistosity		
MTB-12	19.30	21.00	1.43	1.70	0.54	37.76	Greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fractured & fragmented few fractured parallel to CA, weathered /oxidised along schistosity		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-12	21.00	22.50	1.35	1.50	0.19	14.07	Greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°, fractured along schistosity, also fracture at low angle (~5°) w.r.t CA, fragmented core, highly oxidised & partially converted to soil at bottom		
MTB-12	22.50	25.00	1.60	2.50	0.00	0.00	Yellow grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Soft & friable	Fine grained	Schistosed, highly fragmented & friable, weathered & oxidised		
MTB-12	25.00	26.50	1.26	1.50	0.21	16.67	Greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fractured & fragmented, oxidised along fracture fragmented & broken core,		
MTB-12	26.50	28.00	1.59	1.50	0.47	29.56	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-60°, highly fractured & fragmented & broken core, oxidation along fracture folded quartz veins		
MTB-12	28.00	29.00	0.99	1.00	0.44	44.44	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed fractured		
MTB-12	29.00	31.00	1.99	2.00	1.12	56.28	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°, multiple fractured parallel to schistosity, broken & fragmented core, oxidised along schistosity folded quartz veins		
MTB-12	31.00	33.50	2.35	2.50	0.62	26.38	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed fractured parallel to schistosity few low angle fracture (~5°-10°) occasionally fragmented & broken core, irregular quartz veins		
MTB-12	33.50	34.50	0.99	1.00	0.71	71.72	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed fractured parallel to schistosity few low angle fracture (~5°-10°) occasionally fragmented & broken core, irregular quartz veins		
MTB-12	34.50	37.50	2.76	3.00	0.62	22.46	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Moderate hard to soft , compact to friable at place	Fine grained	Strongly schistosed, highly fractured & fragmented & broken core, occasionally friable due to oxidation, quartz - carbonate veins		
MTB-12	37.50	38.70	1.09	1.20		0.00	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) (altered)	Moderate hard & compact	Fine grained	Strongly schistosed @~55°-60°, fractured along schistosity, irregular fracture filling quartz - carbonate veins		
MTB-12	38.70	40.50	1.60	1.80	0.33	20.63	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist) (altered & silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°-60°, multiple fractures along schistosity, conjugate fracture, oxidised along few fracture		
MTB-12	40.50	42.50	2.04	2.00	0.66	32.35	Greenish grey + pink spots	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - coarse grained	Moderately to strongly schistosed @~50°-60°, fractured parallel to schistosity, highly fragmented & broken core @ top ~50 cm, quartz carbonate veins	Rare specs of sulfides (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-12	42.50	43.50	1.01	1.00	0.55	54.46	Greenish grey + pink spots	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - very coarse grained	Moderately to strongly schistosed, few fracture @~40°-50°, oxidation fractured along fracture (limonite)	Disseminated specs of Chalcopyrite along with fine stringers of Pyrite & Chalcopyrite along schistosity	
MTB-12	43.50	45.00	1.47	1.50	0.89	60.54	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - very coarse grained	Moderately to strongly schistosity wavy schistosity, fracture @~40°-50°, oxidation along fracture	Disseminated specs & fine small stringers of Chalcopyrite & Pyrite along schistosity	HQ ↑
MTB-12	45.00	46.50	1.37	1.50	0.65	47.45	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - very coarse grained	Moderately to strongly schistosed wavy schistosity, fractured & fragmented at places, oxidation along fracture	Minor dissemination of Chalcopyrite at top	NQ ↓
MTB-12	46.50	49.50	2.62	3.00	0.25	9.54	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - very coarse grained	Moderately to strongly schistosed wavy schistosity, fractured & fragmented at places, oxidation along fracture	Very rare specs & grains of sulfides (Not worth sampling)	
MTB-12	49.50	51.00	1.16	1.50	0.11	9.48	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained - coarse grained	Moderately to strongly schistosed @~50°-60°, fractured along schistosity, occasionally fragmented core at place		
MTB-12	51.00	52.50	1.19	1.50	0.30	25.21	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist + bands of metabasic intrusive	Hard & compact	Fine grained - coarse grained	Moderately to strongly schistosed @~50°-60°, fractured along schistosity, occasionally fragmented core at place	Rare stringers & specs of Chalcopyrite at bottom (Not worth sampling) 0.20cm @~<0.10%	
MTB-12	52.50	55.50	2.39	3.00	0.59	24.69	Light greenish grey	Quartz - biotite - chlorite schist ± Garnet (altered Metabasic schist)	Hard & compact	Fine grained - coarse grained	Moderately to strongly schistosed @~50°, highly fractured & fragmented broken core, quartz veins	Isolated stringers & specs of Chalcopyrite at top (Not worth sampling)	
MTB-12	55.50	56.50	0.91	1.00	0.45	49.45	Light greenish grey	Quartz - biotite - chlorite schist (altered Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed, irregular fractured		
MTB-12	56.50	58.50	2.01	2.00	0.89	44.28	Light greenish grey	Quartz - biotite - chlorite schist (altered Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed, fractured & fragmented core		
MTB-12	58.50	61.50	3.07	3.00	0.67	21.82	Light greenish grey	Quartz - biotite - chlorite schist (altered Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~40°-50°, low angle fracture (~20°-30°), highly fragmented & broken core, occasional crenulation		
MTB-12	61.50	64.00	1.31	1.48	0.94	71.76	Light greenish grey	Quartz - biotite - chlorite schist (altered Metabasic schist)	Hard & compact	Fine grained	Moderately to strongly schistosed @~40°-50°, low angle fracture (~20°-30°), highly fragmented & broken core, occasional crenulation		
MTB-12			0.90	1.02			Pink grey	Garnetiferous - quartz - biotite - chlorite schist (altered & silicified)	Hard & compact	Fine grained - coarse grained	Few fracture, fragmented & broken core,	Very rare specs of sulfides (dissemination) at 63-64 <0.10% (Not worth sampling)	
MTB-12	64.00	67.00	0.80	0.80	1.04	130.00	Pink grey	Garnetiferous - quartz - biotite - chlorite schist (silicified)	Hard & compact	Fine grained	Strongly schistosed @~50°, few fracture.	Very rare dissemination of Chalcopyrite (Not worth sampling)	
MTB-12			2.20	2.20		0.00	Light greenish grey	Quartz - biotite - chlorite schist	Hard & compact	Fine grained	Moderately schistosed varried schistosity angle, highly fractured, fragmented & broken core, low angle fracture at few place		
MTB-12	67.00	70.00	2.90	3.00	0.97	33.45	Light greenish grey	Quartz - biotite - chlorite schist	Hard & compact	Fine grained	Moderately schistosed varried schistosity angle, highly fractured, fragmented & broken core, low angle fracture at few place		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-12	70.00	71.00	0.94	1.00	0.25	26.60	Light greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, folled quartz veins, few fractures		
MTB-12	71.00	74.00	2.93	3.00	2.23	76.11	Light greenish grey	Quartz - feldspathic - biotite - chlorite schist (Metabasic schist) silicified	Hard & compact	Fine grained	Strongly schistosed, folled quartz veins, silicified, few fracture along schistosity		
MTB-12	74.00	77.00	3.01	3.00	1.91	63.46	Light greenish grey	Quartz - biotite - chlorite schist + bands of basic intrusive	Hard & compact	Very fine grained to fine grained	Moderately to strongly schistosed, strongly schistosed @~40°-45°, folled quartz veins, multiple fracture parallel to schistosity	Fracture filling veins of Chalcopyrite along quartz vein with in basic intrusive 74.70-75.00 (0.20-0.30%)	
MTB-12	77.00	80.00	2.83	3.00	2.19	77.39	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained	Strongly schistosity, @~50°-60°, multiple fracture parallel to schistosity, quartz veins fragmented core	Stringers & disseminated specs of Chalcopyrite along schistosity	
MTB-12	80.00	83.00	2.90	3.00	2.22	76.55	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained	Strongly schistosed, wavy to crenulated schistosity, sheared & brecciated to folded quartz veins few fracture	Stringers & disseminated specs of Chalcopyrite along schistosity	
MTB-12	83.00	85.50	2.25	2.50	1.32	58.67	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained	Strongly schistosed, wavy to crenulated schistosity, sheared & brecciated to folded quartz veins few fracture	Stringers & disseminated specs of Chalcopyrite along schistosity	
MTB-12	85.50	88.00	1.00	1.01	0.71	71.00	Greenish grey + pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine grained	Strongly schistosed, wavy to crenulated schistosity, sheared & brecciated to folded quartz veins few fracture	Rare specs of Chalcopyrite (Not worth sampling)	
MTB-12			1.47	1.49			Grey	Banded quartzite ± Garnet ± kyanite	Very hard & compact	Fine grained	Massive to very feeble schistosity multiple fracture @~40°-45°,		
MTB-12	88.00	91.00	3.05	3.00	0.83	27.21	Grey	Banded quartzite ± Garnet ± kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed, highly fractured & fragmented broken core, fracture angle @~ 45° w.rt CA.	Rare stringers & specs of mainly Pyrite along with minor Chalcopyrite (Not worth sampling)	
MTB-12	91.00	94.00	3.03	3.00	0.88	29.04	Grey	Banded quartzite ± Garnet ± kyanite	Very hard & compact	Fine grained	Massive to feebly schistosed, multiple fracture @~50°-70°, few fracture parallel to CA @~92.00-92.50 fragmented & broken core	Rare isolated stringers of Chalcopyrite @~93.00 (Not worth sampling)	
MTB-12	94.00	95.00	1.48	1.00	0.66	44.59	Grey	Garnetiferous - quartz - mica - chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~50°,occasionally biotite & chlorite rich, fractured & fragmented core,	Very rare specs of sulfides along schistosity	
MTB-13	0.00	3.00	0.14	3.00			Brown	Top soil	Soft friable				
MTB-13	3.00	6.00	0.15	3.00			Brown	Top soil	Soft friable				
MTB-13	6.00	9.00	0.09	3.00			White	Loose boulder of quartz					
MTB-13	9.00	10.00	0.08	1.00			White	Loose boulder of quartz					
MTB-13	10.00	12.50	0.17	2.50			Yellow	Sandy soil with quartz boulder	Soft friable				
MTB-13	12.50	14.50	0.27	2.00			Reddish brown	Weathered /oxidised schistosed rock + soil	Soft friable to compact at place	Fine grained	Fractured, oxidised		
MTB-13	14.50	15.50	0.61	1.00			Reddish brown	Oxidised schistosed rock	Soft & friable to compact/cohesive				
MTB-13	15.50	16.00	0.42	0.50			Yellow brown	Weathered oxidised schistosed rock	Soft friable to conesive	Fine grained	Schistosed		
MTB-13	16.00	17.00	0.43	1.00			Yellow brown	Weathered oxidised schistosed rock	Soft friable to conesive				
MTB-13	17.00	18.50	0.89	1.50			Yellow brown	Weathered oxidised schistosed rock	Soft friable to conesive				
MTB-13	18.50	19.00	0.33	0.50			Yellow brown	Weathered oxidised schistosed rock	Soft friable to conesive	Fine grained	Schistosed		
MTB-13	19.00	21.50	0.83	2.50			Yellow grey	Partially weathered/oxidised schistosed rock		Fine grained	Schistosed, highly fractured & fragmented, limonite strain along fracture		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-13	21.50	22.00	0.25	0.50			Yellow grey	Quartz - biotite - chlorite schist (metabasic schist) partially oxidised	Moderate hard & compact	Fine grained	Schistosed, highly fractured, partially oxidised		
MTB-13	22.00	25.00	3.00	3.00			Yellow greenish grey	Quartz - biotite - chlorite schist (partially oxidised)	Moderate hard & compact	Fine grained	Strongly schistosed, highly fractured, fragmented & broken core, partially to fully oxidised occasionally friable		
MTB-13	25.00	28.00	3.00	3.00	1.87	62.33	Greenish grey	Quartz - biotite - chlorite schist ± Amphibole (silicified)	Hard & compact	Fine grained	Strongly schistosed @~40°-50°, altered & silicified, few fracture along schistosity, occasionally crenulation		
MTB-13	28.00	31.00	2.87	3.00	1.66	57.84	Greenish grey	Quartz - biotite - chlorite schist ± Amphibole (silicified)	Hard & compact	Fine - medium grained	Strongly schistosed @~40°-45°, fractured and fragmented at places, are fragmented core, oxidation along fracture	Dissemination of Chalcopyrite & Pyrite at bottom	
MTB-13	31.00	33.00	1.88	2.00	2.24	119.15	Greenish grey	Quartz - biotite - chlorite schist ± Amphibole ± Garnet (silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed @~40°-45°, fractured along schistosity, few irregular fracture oxidised along fracture	Disseminated spcs & stringers of Pyrite Chalcopyrite along schistosity	HQ ↑
MTB-13	33.00	34.00	1.04	1.00	0.92	88.46	Grey with pink patches	Garnetiferous - quartz biotite - chlorite schist	Hard & compact	Fine - medium grained	Strongly schistosed @~30°-40°, occasionally variable w.r.t CA, fractured along schistosity	Stringers & veins of Chalcopyrite along with Pyrite along schistosity	NQ ↓
MTB-13	34.00	37.00	2.92	3.00	2.07	70.89	Grey with pink patches	Garnetiferous - quartz biotite - chlorite schist (altered & silicified)	Hard & compact	Fine - medium grained	Strongly schistosed @~30°, few fracture along schistosity, occasionally fragmented, sheared quartz veins	Minor disseminated spcs & stringers along schistosity	
MTB-13	37.00	40.00	2.58	3.00	1.46	56.59	Grey with pink patches	Garnetiferous - quartz biotite - chlorite schist (altered & silicified)	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~30°-40°, fractured along schistosity, along with few high angle fracture (>70°), occasionally fragmented core, sheared quartz veins	Stringers & veins of Chalcopyrite along schistosity & inter porphyroblast area	
MTB-13	40.00	43.00	2.48	3.00	1.30	52.42	Grey with pink patches	Garnetiferous - quartz biotite - chlorite schist (altered & silicified) + thick quartz vein @~40.45-42.00	Hard & compact	Fine grained	Moderately schistosed @~40°-50°, quartz vein is massive, highly fractured & fragmented, multiple fracture @~40°-50°	Fine dissemination & isolated stringers of Chalcopyrite along schistosity	
MTB-13	43.00	46.00	2.96	3.00	2.63	88.85	Grey with pink patches	Garnetiferous quartz biotite chlorite schist	Hard & compact	Fine - coarse grained	Moderately schistosed @~50°, few fractured along schistosity, cluster of large garnet	Rare to minor dissemination of Chalcopyrite along with isolated stringers at 45.90 (Not worth sampling)	
MTB-13	46.00	49.00	3.00	3.00	2.37	79.00	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist (silicified at places)	Hard & compact	Fine - coarse grained	Moderately schistosed @~45°-50°, fracture parallel to schistosity occasionally fragmented & broken core, silicified at bottom	Very rare isolated spcs & stringers of Chalcopyrite (Not worth sampling)	
MTB-13	49.00	52.00	3.00	3.00	2.27	75.67	Grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered & silicified)	Hard & compact	Fine - coarse grained	Moderately schistosed @~50°, few fracture at 45°-50°, few fractures are discordant to schistosity, occasionally fragmented core.	Very rare isolated spcs & stringers of Chalcopyrite (Not worth sampling)	
MTB-13	52.00	55.00	2.96	3.00	2.23	75.34	Grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered & silicified)	Hard & compact	Fine - coarse grained	Moderately schistosed, few fractures along schistosity, occasionally fragmented core	Very rare spcs of Chalcopyrite (Not worth sampling)	
MTB-13	55.00	58.00	3.00	3.00	1.30	43.33	Grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered & silicified) + bands of chlorite schist @~56.30-57.00	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~50°, fractured along schistosity, fragmented core, sheared quartz vein along schistosity	Very rare isolated stringers of Chalcopyrite @ 55.15 (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-13	58.00	61.00	3.00	3.00	1.89	63.00	Grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered & silicified) + bands of Garnetiferous quartzite	Hard & compact	Fine - very coarse grained	Moderately to strongly schistosed, fractured, fragmented core, at place strongly silicified	Very rare spces of sulfides (Not worth sampling)	
MTB-13	61.00	64.00	3.00	3.00	1.85	61.67	Grey to greenish grey with pink patches	Garnetiferous - quartz - mica - chlorite schist + bands of Quartzite (altered) + quartz vein	Hard & compact	Fine - very coarse grained	Moderately schistosed, strongly silicified, highly fractured & fragmented, towards bottom multiple isolated quartz veins	Isolated stringers & veins of Chalcopyrite @~61.20,61.80 @ 63.40,63.60	
MTB-13	64.00	67.00	2.00	2.00	1.65	55.00	Grey	Garnetiferous - quartzite ± kya	Very hard & compact	Fine grained	Mostly fractured at high angle (>80°), fragmented core		
MTB-13			1.00	1.00			Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine - coarse grained	Strongly schistosed, fractured & fragmented core		
MTB-13	67.00	70.00	2.99	3.00	0.90	30.10	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist (silicified at places) + bands of Quartzite	Hard & compact	Fine - coarse grained	Moderately schistosed @~40°-50°, highly fractured along schistosity, fragmented & broken core quartz veins		
MTB-13	70.00	73.00	0.35	3.00	0.00	0.00	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist (silicified at places) + bands of Quartzite	Hard & compact	Fine - coarse grained	Moderately schistosed @~50°, highly fractured, fragmented & broken core, core loss		
MTB-13	73.00	76.00	2.89	3.00	1.44	49.83	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist (silicified at places) + bands of Quartzite	Hard & compact	Fine - coarse grained	Moderately schistosed @~50°, highly fractured & fragmented core, broken core sheared & brecciated quartz veins	Minor spces of sulfides (Not worth sampling)	
MTB-13	76.00	79.00	2.83	3.00	1.22	43.11	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~50°-60°, multiple fracture @~45°, highly fragmented & broken core, sheared quartz veins	Minor disseminated spces & stringers of Chalcopyrite along foliation & inter porphyroblat area (Not worth sampling)	
MTB-13	79.00	82.00	2.96	3.00	2.09	70.61	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist + quartz vein	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~50°-60°, fractured parallel to schistosity, few fracture @ low angle (~20°-30°)	Minor disseminated spces & stringers of Chalcopyrite along foliation & inter porphyroblat area (Not worth sampling)	
MTB-13	82.00	85.00	2.90	3.00	2.44	84.14	Light greenish grey with pink patches	Garnetiferous - quartz - mica - chlorite schist + quartz vein	Hard & compact	Fine - very coarse grained	Moderately to strongly schistosed @~40°-50°, wavy schistosity, few fracture parallel to schistosity, occasionally fragmented core at bottom	Minor spces & fine stringers of Chalcopyrite along schistosity (Not worth sampling)	
MTB-13	85.00	88.00	2.96	3.00	2.05	69.26	Light greenish grey with pink patches	Garnetiferous - quartz - mica - chlorite schist + quartz vein	Hard & compact	Fine - very coarse grained	Moderately to strongly schistosed @~50°, few fractures, occasionally fragmented & broken core @~87.00 sheared quartz veins	Stringers & isolated veins of Chalcopyrite along schistosity and as gap filling	
MTB-13	88.00	91.00	2.98	3.00	2.71	90.94	Grey with pink patches	Garnetiferous - quartz - mica - chlorite schist + quartz vein	Hard & compact	Fine - coarse grained	Moderately schistosed, cluster of loose to very coarse grained garnet porphyroblast few fracture,	Fine stringers of Chalcopyrite at top (Not worth sampling)	
MTB-13	91.00	94.00	2.90	3.00	2.13	73.45	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine - coarse grained	Moderately to schistosed @~50°, wavy schistosity, few fracture parallel to schistosity, at place fragmented	Isolated spces & stringers of Chalcopyrite @~91.70-91.20 @~<0.10-0.20%	
MTB-13	94.00	97.00	2.81	3.00	1.83	65.12	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~50°, fractured along schistosity, low angle fracture (~ 10°) w.r.t CA, at place fragmented & broken core,	Isolated spces & stringers of Chalcopyrite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-13	97.00	100.00	2.99	3.00	2.24	74.92	Grey with pink patches	Garnetiferous - quartz - biotite - chlorite schist (altered& silicified)	Hard & compact	Fine - coarse grained	Moderately schistosed @~50°, few fracture @ high angle (> 70°) fragmented core at top	Rare isolated stringers of Chalcopryite along schistosity / inter - pophyroblart area (Not worth sampling)	
MTB-13	100.00	103.00	2.90	3.00	2.19	75.52	Grey with pink patches	Garnetiferous - quartz - chlorite -biotite schist	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~50°, wavy & crenulated, fractured along schistosity, cluster of large garnet porphyroblasts	Stringers & isolated veins of Chalcopryite	
MTB-13	103.00	106.00	2.97	3.00	1.36	45.79	Light greenish grey with pink patches	Garnetiferous - quartz - mica (muscovite + sericite) - chlorite schist (altered /chloritized)	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed @~40°-50°, multiple fractured along schistosity, few low angle fracture @ (~ 20°-30°), fragmented core,	Few stringers of Chalcopryite along schistosity	
MTB-13	106.00	109.00	3.00	3.00	1.69	56.33	Light greenish grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered /chloritized)	Hard & compact	Fine - coarse grained	Strongly schistosed @~40°-50°, fractured along schistosity, low angle fracture occasionally fragmented core, garnet cluster	Very rare spces of Chalcopryite (Not worth sampling)	
MTB-13	109.00	110.00	1.00	1.00	0.18	18.00	Light greenish grey with pink patches	Garnetiferous - quartz - mica - chlorite schist (altered /chloritized) + quartz veins	Hard & compact	Fine - coarse grained	Moderately to strongly schistosed highly fractured & fragmented quartz veins		
MTB-14	0.00	3.00	0.25	3.00			Brown	Top soil	Loose & cohesive				
MTB-14	3.00	6.00	0.45	3.00			Yellow brown	Soil	Loose & cohesive				
MTB-14	6.00	9.00	0.90	3.00			Yellow grey	Wheatered/oxidised schistosed rock	Moderate hard & fragmented	Fine grained	Schistosed highly fractured, fragmented & friable		
MTB-14	9.00	10.00	0.36	1.00			Yellow grey	Wheatered/oxidised schistosed rock		Fine grained	Schistosed highly fractured, fragmented & friable		Partially formed soil
MTB-14	10.00	13.00	1.44	3.00			Yellowish grey	Partially oxidised metabasic schist	Hard & fragmented	Fine grained	Schistosed,highly fractured & fragmented, core loss, partially to fully oxidised		
MTB-14	13.00	16.00	1.87	3.00			Yellowish grey	Partially oxidised metabasic schist	Hard & fragmented	Fine grained	Schistosed @~45°, highly fractured, fragmented & broken core, core loss, partially oxidised		
MTB-14	16.00	19.00	2.70	3.00	0.60	22.22	Yellowish grey	Quartz feldspathic biotite chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, highly fractured along schistosity		
MTB-14	19.00	21.00	1.95	2.00	1.25	64.10	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°, fractured along schistosity, thin quartz veins parallel to schistosity	Very few spces of sulfides (Not worth sampling)	
MTB-14	21.00	24.00	2.98	3.00	1.65	55.37	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, multiple fracture parallel to schistosity, few fracture @~40°-50°, discordant to schistoisty, contain carbonate vein filling	Rare isolated stringers & few spces of sulfides(Not worth sampling)	
MTB-14	24.00	27.00	2.71	3.00	0.88	32.47	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, highly fractured & fragmented & broken core, thin schistosity parallel quartz veins	Stringers & veins of mainly Pyrite along with minor Chalcopryite along schistosity (Not worth sampling)	
MTB-14	27.00	30.00	3.00	3.00	1.94	64.67	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~, fractured/splitted along schistosity, fragmented core at top, carbonate vein along thin low angle (~20°) fracture, multiple thin schistosity parallel	Isolated stringers of Chalcopryite along with Pyrite along schistosity (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-14	30.00	31.00	1.02	1.00	0.73	71.57	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed, few schistosity parallel fracture multiple thin quartz veins	Very few minor stringers of Chalcopyrite along with few spes (Not worth sampling)	HQ ↑ NQ↓
MTB-14	31.00	34.00	3.00	3.00	1.84	61.33	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°, multiple fracture/spliting along schistosity place, multiple quartz - carbonate veins parallel to schistosity, few fracture @~20°-40°, discordant to schistosity	Very rare minor stringers of Chalcopyrite along schistosity & disseminate spes of Chalcopyrite along schistosity (Not worth sampling)	
MTB-14	34.00	37.00	3.00	3.00	2.04	68.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, fracture along schistosity along with few irregular fracture at place, quartz veins	Very rare spes of sulfides (Not worth sampling)	
MTB-14	37.00	40.00	3.00	3.00	1.27	42.33	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed, fracture along schistosity, sheared & brecciated quartz veins		
MTB-14	40.00	43.00	3.00	3.00	1.44	48.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fracture along schistosity, also multiple low angle fracture @~20°-30°, filled with carbonate veins, occasionally fragmented core,	Stringers & veins of Pyrite along with quartz veins at few isolated place (Not worth sampling)	
MTB-14	43.00	46.00	3.00	3.00	1.98	66.00	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein (altered & silicified)	Hard & compact	Fine grained	Moderately schistosed @~50°, silicified, multiple fracture parallel to schistosity, low angle fracture (~20°-30°) filled with carbonate veins, thin quartz veins	Stringers & dissemination spes of Chalcopyrite & Pyrite along schistosity ,	
MTB-14	46.00	49.00	3.00	3.00	1.55	51.67	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein (altered & silicified)	Hard & compact	Fine grained	Moderately to strongly schistosed @~50°, highly fractured along schistosity, sheared quartz veins parallel to schistosity, occasionally fragmented core,	Few isolated stringers of Pyrite (Not worth sampling)	
MTB-14	49.00	52.00	2.99	3.00	0.36	12.04	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, highly fractured, fragmented & broken core, mostly fractured parallel to schistosity along with irregular low angle fracture, occasionally brecciated core, solidified by carbonate vein material		
MTB-14	52.00	55.00	2.96	3.00	0.86	29.05	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, fracture along schistosity, also multiple irregular fracture from low angle (~20°) to high angle (~70°), occasional fragmented & broken core	Single isolated stringers of Chalcopyrite along with Pyrite @~54.60 (Not worth sampling)	
MTB-14	55.00	58.00	2.98	3.00	1.43	47.99	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, few fracture along schistosity	Veins of Pyrite & minor isolated stringers of Chalcopyrite 1m @~ 0.05-0.10 % (Not worth sampling)	
MTB-14	58.00	61.00	2.99	3.00	1.56	52.17	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, fracture/spliting parallel to schistosity, few irregular fracture, brecciated quartz veins	Thick stringers & veins of Chalcopyrite & Pyrite @ 59.10 0.50cm @~0.50-0.60 %	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-14	61.00	64.00	3.00	3.00	2.69	89.67	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) (silicified) + quartz carbate veins	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, fracture /splinting along schistosity, low angle fracture @~20°-30°, occasional fragmented core, quartz - carbonate veins	Very rare spes of Chalcopyrite & Pyrite (Not worth sampling)	Potassic alteration
MTB-14	64.00	67.00	3.00	3.00	1.09	36.33	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (occasionally silicified) + quartz carbonate veins	Hard & compact	Fine grained	Strongly schistosed@~50°, fracture along schistosity, also multiple fracture @~30°-40°, filled with quartz veins cohesive, solidified brecciated zone @~65.50-65.80, oxidation along few low angle fracture	Very rare spes of sulfides (Not worth sampling)	
MTB-14	67.00	70.00	2.99	3.00	1.99	66.56	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (occasionally silicified) + quartz veins	Hard & compact	Fine grained	Strongly schistosed @~40°, fracture/splinting along schistosity, schistosity parallel quartz veins	Isolated stringers of Chalcopyrite along with Pyrite & pyrrhotite @~67.70 (Not worth sampling)	
MTB-14	70.00	73.00	2.91	3.00	2.29	78.69	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (occasionally silicified) + quartz veins	Hard & compact	Fine grained	Strongly schistosed @~40°, fracture/splinting along schistosity, schistosity parallel quartz veins		
MTB-14	73.00	76.00	3.00	3.00	2.42	80.67	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (occasionally silicified) + quartz veins	Hard & compact	Fine grained	Strongly schistosed @~40°, fracture/splinting along schistosity, schistosity parallel quartz veins	Very rare spes of sulfides (Not worth sampling)	
MTB-14	76.00	79.00	3.00	3.00	1.60	53.33	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, highly splited/fractured along schistosity fragmented core	Very rare spes & stringers of sulfides (Not worth sampling)	
MTB-14	79.00	82.00	3.00	3.00	1.57	52.33	Greenish grey	Quartz feldspathic biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Fine grained	Strongly schistosed @~40°-45°, highly fractured along schistosity, fragmented & broken core at place quartz veins	Massive magnetite patches @79.10 very rare spes of sulfides (Not worth sampling)	
MTB-14	82.00	85.00	3.00	3.00	1.52	50.67	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, fractured along schistosity, few low angle fracture (~ 20°-30°), occasional microfolds quartz veins	Isolated stringers of Chalcopyrite & pyrrhotite @ 83.70-83.30 (Not worth sampling)	
MTB-14	85.00	88.00	2.87	3.00	1.34	46.69	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) (altered & silicified)	Hard & compact	Fine grained	Strongly schistosed ~ multiple fracture parallel to schistosity, schistosity parallel quartz veins	Isolated stringers of sulfides at few place @85.80 (Not worth sampling)	
MTB-14	88.00	91.00	3.00	3.00	1.90	63.33	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole + bands of amphibole biotite chlorite schist + quartz veins (altered & silicified)	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, schistosity parallel quartz veins silicified low angle fracture	Occasionally isolated rare spes of sulfides (pyrite , Chalcopyrite) (Not worth sampling)	
MTB-14	91.00	94.00	3.00	3.00	1.90	63.33	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole + bands of amphibole biotite chlorite schist + quartz veins (altered & silicified) + quartz veins	Hard & compact	Fine grained	Strongly schistosed, @~50°, highly fracture @~40°-50°, @~92.50 fragmented & broken core, slicken lines	Occasionally isolated rare spes of sulfides (pyrite , Chalcopyrite) (Not worth sampling)	
MTB-14	94.00	97.00	3.00	3.00	1.28	42.67	Greenish grey to grey	Quartz biotite chlorite schist + quartz veins	Hard & compact	Fine grained	Strongly schistosed @~50°, fractured along schistosity, sheared & brecciated quartz veins	Isolated stringers of Pyrite & Chalcopyrite @96.90 (Not worth sampling)	
MTB-14	97.00	100.00	3.00	3.00	2.03	67.67	Greenish grey to grey	Quartz biotite chlorite schist ± Garnet (quartz veins)	Hard & compact	Fine grained	Strongly schistosed, fractured along schistosity, sheared & brecciated quartz veins	Occasionally rare dissemination spes of Chalcopyrite & Pyrite large Pyrite grains @ 98.80 along with quartz veins (Not worth sampling)	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-14	100.00	103.00	2.40	3.00	2.08	86.67	Grey with pink patches	Quartz biotite chlorite schist ± Garnet (quartz veins)	Hard & compact	Fine grained	Strongly schistosed, fractured along schistosity, sheared & brecciated quartz veins	Rare spces of Chalcopyrite (Not worth sampling)	
MTB-14			0.55			0.00	Grey with pink patches	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~50°, wavy schistosity	Dissemination of Chalcopyrite spces & stringers of Chalcopyrite (Not worth sampling)	
MTB-14	103.00	106.00	2.88	3.00	1.46	50.69	Grey with pink patches	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~50°, large garnet porphyroblast fractured along schistosity, few irregular fracture, occasional fragmented core, schistosity parallel quartz veins	Dissemination of Chalcopyrite spces & stringers of Chalcopyrite (Not worth sampling)	
MTB-14	106.00	109.00	2.88	3.00	1.92	66.67	Grey with pink patches	Garnetiferous quartz chlorite mica schist + band of quartzite	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~45°-50°, few fracture parallel to schistosity, sheared quartz vein occasionally microfolded	Stringers & dissemination spces of Chalcopyrite	
MTB-14	109.00	112.00	3.00	3.00	2.20	73.33	Pink grey	Garnetiferous quartz chlorite mica schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, fracture along schistosity	Fracture filling veins of Chalcopyrite @ 110.40-110.60, stringers of Chalcopyrite along schistosity	
MTB-14	112.00	115.00	2.99	3.00	2.01	67.22	Pink grey	Garnetiferous quartz chlorite mica schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, wavy schistosity, cluster of garnet porphyroblast, brecciated quartz veins	Stringers & dissemination spces of Chalcopyrite along schistosity	
MTB-14	115.00	118.00	3.00	3.00	0.99	33.00	Pink grey	Garnetiferous quartz chlorite mica schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Strongly schistosed highly fractured & fragmented broken core, low angle fracture near parallel to CA, brecciated quartz veins	Isolated stringers of Chalcopyrite @115.90, 116.50 (Not worth sampling)	
MTB-14	118.00	121.00	3.00	3.00	2.22	74.00	Pink grey	Garnetiferous quartz chlorite mica schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, large granet porphyroblast clusters few fracture at high angle (>70°), chloritization at place	Rare isolated stringers of Chalcopyrite at very few place (Not worth sampling)	
MTB-14	121.00	124.00	3.00	3.00	2.32	77.33	Pink grey	Garnetiferous quartz chlorite mica schist + quartz vein	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, large granet porphyroblast clusters few fracture at high angle (>70°), chloritization at place	Stringers of Chalcopyrite along quartz vein along schistosity & porphyroblast cluster	
MTB-14	124.00	127.00	3.00	3.00	2.23	74.33	Pink grey	Garnetiferous quartz chlorite mica schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, large garnet porphyroblast occasionally accuring as clusters few fractures brecciated quartz veins	Stringers of Chalcopyrite along schistosity & inter porphyroblast area	
MTB-14	127.00	130.00	3.00	3.00	2.36	78.67	Grey with pink patches	Garnetiferous quartz chlorite mica schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, large garnet porphyroblast occasionally accuring as clusters few fractures brecciated quartz veins	Stringers of Chalcopyrite along schistosity at top	
MTB-14	130.00	133.00	3.00	3.00	2.23	74.33	Grey with pink patches	Garnetiferous quartz chlorite mica schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, large garnet porphyroblast occasionally accuring as clusters few fractures brecciated quartz veins	Isolated stringers & dissemination spces of Chalcopyrite along schistosity	
MTB-14	133.00	136.00	3.00	3.00	2.47	82.33	Grey with pink patches	Garnetiferous quartz chlorite mica schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~45°-50°, few fractures along schistosity, large garnet porphyroblast occasionally clustered quartz veins	Stringers of Chalcopyrite along schistosity & porphyroblast cluster	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-14	136.00	139.00	2.98	3.00	2.31	77.52	Grey with pink patches	Garnetiferous quartz chlorite mica schist + quartz veins	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, few fractures, large garnet porphyroblast, occasionally chloritized sheared & brecciated quartz veins	Few stringers & veins of Chalcopyrite along schistosity	
MTB-14	139.00	142.00	2.94	3.00	2.26	76.87	Grey to greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°, few fracture, large garnet porphyroblast, strongly chloritized minor sheared quartz veins	Isolated stringers at few place, magnetite cuhedral grains , erratically distributed	# Radioactive zones
MTB-14	142.00	145.00	3.00	3.00	2.62	87.33	Grey to greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°, few fracture, large garnet porphyroblast, strongly chloritized minor sheared quartz veins	Disseminated spces & isolated stringers of Chalcopyrite along schistosity	
MTB-14	145.00	148.00	3.00	3.00	2.11	70.33	Grey to greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~ very low angle (~10°-20°) schistosity parallel curvy fracture @ 147.70, fragmented core, large to very large garnet porphyroblasts	Stringers of Chalcopyrite along schistosity & porphyroblast cluster	
MTB-14	148.00	151.00	3.00	3.00	2.18	72.67	Grey to greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~30°-40°, low angle fracture at few place fragmented core, large garnet porphyroblast, quartz veins	Disseminated stringers & spces of Chalcopyrite along schistosity	
MTB-14	151.00	154.00	3.00	3.00	2.31	77.00	Grey to greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, wavy schistosity, fractured along schistosity, large garnet porphyroblast sheared quartz veins	Disseminated spces of Chalcopyrite along schistosity	
MTB-14	154.00	157.00	3.00	3.00	2.32	77.33	Grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained	Strongly schistosed @~45°-50°, wavy to sigmoidal schistosity large garnet porphyroblast silicified few fracture along schistosity	Very rare spces of Chalcopyrite along schistosity	
MTB-14	157.00	160.00	2.95	3.00	2.23	75.59	Grey with pink patches	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~45°, fractured along schistosity, large garnet porphyroblast sheared quartz veins, occasionally microfolds	Stringers of Pyrite & Chalcopyrite along schistosity	
MTB-14	160.00	163.00	2.98	3.00	1.80	60.40	Grey with pink patches	Garnetiferous quartz chlorite biotite schist + bands of metabasic schist @~161.70-162.30	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~45°, large garnet porphyroblast fractured along schistosity	Rare isolated stringers of Chalcopyrite along schistosity at few place	sharp contact with metabasic band
MTB-14	163.00	166.00	2.86	3.00	2.24	78.32	Grey with pink patches	Garnetiferous quartz chlorite biotite schist (silicified ?)	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~45°-50°, few fractured along schistosity, sheared quartz veins	Rare spces & stringers of Chalcopyrite (Not worth sampling)	
MTB-14	166.00	169.00	2.78	3.00	1.29	46.40	Grey with pink patches	Garnetiferous quartz chlorite biotite schist (silicified ?) +metabasic band @166.50-168.10	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, fractured & fragmented along schistosity large garnet porphyroblast at bottom	Rare stringers of Chalcopyrite along schistosity & at contact of metabasic schist (Not worth sampling)	Sharp contact with the metabasic band
MTB-14	169.00	172.00	3.00	3.00	1.90	63.33	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed large to very large garnet porphyroblast occasionally clustered few fractures fragmented at bottom	Isolated stringers of Chalcopyrite at few place (Not worth sampling)	
MTB-14	172.00	175.00	2.94	3.00	2.18	74.15	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained to coarse grained	Garnet porphyroblast cluster strongly schistosed few fractures	Rare stringers of Chalcopyrite along schistosity (Not worth sampling) < 0.05-0.10 %	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-14	175.00	178.00	2.97	3.00	2.60	87.54	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed, large garnet porphyroblast occasionally accuring as clusters few fractures @ (~50°-80°) sheared quartz veins	Very few spes of Chalcopyrite along schistosity along with erratic stringers (Not worth sampling)	Disseminated magnetite grains
MTB-14	178.00	181.00	2.96	3.00	2.45	82.77	Pink grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed, cluster of large garnet porphyroblast, silicified, few fracture@~50°, strongly chloritized at places	Stringers & spes of Chalcopyrite along garnet cluster 0.60 @~0.20-0.30	
MTB-14	181.00	184.00	2.97	3.00	2.55	85.86	Pink grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed, cluster of large garnet porphyroblast, silicified, few fracture@~50°, strongly chloritized at places	Stringers & spes of Chalcopyrite along schistosity	
MTB-14	184.00	187.00	2.88	3.00	2.18	75.69	Pink greenish grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed @~40°-50°, large - very large garnet porphyroblast occasionally making clusters few fracture parallel to schistosity sheared & folded quartz veins	Very few spes of Chalcopyrite erratically distributed (Not worth sampling)	
MTB-14	187.00	190.00	3.00	3.00	1.93	64.33	Pink greenish grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, cluster of large garnet porphyroblast, fractured & fragmented, strongly chloritized sheared & brecciated quartz vein	Very few stringers & spes of Chalcopyrite at bottom	
MTB-14	190.00	193.00	3.00	3.00	2.45	81.67	Pink greenish grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, cluster of large garnet porphyroblast, fractured & fragmented, strongly chloritized sheared & brecciated quartz vein	Stringers of Chalcopyrite along schistosity at top to middle	
MTB-14	193.00	196.00	3.00	3.00	2.10	70.00	Pink greenish grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, cluster of large garnet porphyroblast, fractured & fragmented, strongly chloritized sheared & brecciated quartz vein	Few isolated stringers along schistosity & garnet cluster	
MTB-14	196.00	199.00	2.98	3.00	2.63	88.26	Pink greenish grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, wavy & anastomosing schistosity, large to very large garnet porphyroblast making cluster few fracture, sheared quartz veins	Rare stringers of Chalcopyrite (Not worth sampling)	
MTB-14	199.00	200.00	1.00	1.00	0.76	76.00	Pink grey	Garnetiferous quartz chlorite biotite schist	Hard & compact	Fine grained to very coarse grained	Strongly schistosed, wavy schistosity, few fractures	Rare spes of Chalcopyrite (Not worth sampling)	
MTB-15	0.00	1.00	0.20	1.00			Yellow grey	Top soil	Loose & conesive	Fine medium grained			
MTB-15	1.00	3.00	0.23	2.00			Yellow grey	Top soil	Loose & conesive	Fine medium grained			
MTB-15	3.00	4.00	0.16	1.00			Yellow grey	Top soil	Loose & conesive	Fine medium grained			
MTB-15	4.00	6.00	0.20	2.00			Yellow grey	Top soil	Loose & conesive	Fine medium grained			
MTB-15	6.00	9.00	0.22	3.00			Grey	Quartzite pebble & boulder	Hard fragmented	Fine grained			
MTB-15	9.00	10.50	0.08	1.50			Grey	Quartzite pebble & boulder	Hard fragmented	Fine grained			
MTB-15	10.50	13.50	0.52	3.00			Grey	Loose sandy soil	Loose & conesive	Fine grained			
MTB-15	13.50	16.50	0.41	3.00			Yellowish grey	Loose soil	Loose & conesive	Fine grained			
MTB-15	16.50	17.50	0.75	1.00			Yellowish grey	Soil + quartz pebbles & boulder	Loose & conesive	Fine grained			
MTB-15	17.50	19.50	0.87	2.00			Yellow brownish grey	Oxidised / weathered schistosed rock	Moderate hard & fragmented	Fine grained	Schistosed, highly fractured & fragmented limonitic stain /encrustation		
MTB-15	19.50	21.00	0.95	1.50			Yellow brownish grey	Oxidised / weathered schistosed rock	Soft to hard & fragmented & friable	Fine grained	Schistosed, highly weathered & oxidised highly fractured & fragmented friable core, limonitic encrustation		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-15	21.00	23.00	0.84	2.00			Yellow brownish grey	Oxidised / weathered schistosed rock	Soft to hard & fragmented & friable	Fine grained	Schistosed, highly weathered & oxidised highly fractured & fragmented friable core, limonitic encrustation		
MTB-15	23.00	23.50	0.63	0.50			Yellow brown	Weathered & oxidised schistosed rock	Moderate hard to soft & friable	Fine grained	Schistosed, highly oxidised, fractured & broken core, limonitic encrustation		
MTB-15	23.50	24.60	0.86	1.10			Yellow brown	Weathered & oxidised schistosed rock	Moderate hard to soft & friable	Fine grained	Schistosed, highly oxidised, fractured & broken core, limonitic encrustation		
MTB-15	24.60	25.20	0.84	0.60			Yellow grey	Partially oxidised Metabasic schist	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented & broken core, oxidised along fracture, occasionally silicified		
MTB-15	25.20	26.00	0.84	0.80			Yellow grey	Partially oxidised Metabasic schist	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented & broken core, oxidised along fracture, occasionally silicified		
MTB-15	26.00	26.60	0.57	0.60			Yellow grey	Partially oxidised Metabasic schist	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented & broken core, oxidised along fracture, occasionally silicified		
MTB-15	26.60	27.50	0.68	0.90			Brownish grey	Partially oxidised Metabasic schist	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented, oxidised /weathered along fractured zone		
MTB-15	27.50	28.50	0.41	1.00			Brownish grey	Partially oxidised Metabasic schist	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented, oxidised /weathered along fractured zone		
MTB-15	28.50	29.00	0.42	0.50			Brown grey	Highly oxidised /Metabasic schistosed rock	Soft loose & friable	Fine grained	Schistosed, highly fragmented, oxidised, friable at places		
MTB-15	29.00	30.00	0.54	1.00			Brown grey	Highly oxidised /Metabasic schistosed rock	Soft loose & friable	Fine grained	Schistosed, highly fragmented, oxidised, friable at places		
MTB-15	30.00	31.80	1.02	1.80			Yellow grey & brownish grey	Highly oxidised /Metabasic schistosed rock	Soft to moderate hard & friable	Fine grained	Schistosed, highly fractured & fragmented, broken core, occasionally friable, oxidised & weathered		
MTB-15	31.80	32.70	0.71	0.90			Yellow brownish grey	Oxidised / weathered schistosed rock	Soft to moderate hard & friable	Fine grained	Highly weathered & oxidised, highly fractured & fragmented, occasionally friable		
MTB-15	32.70	34.00	0.91	1.30			Yellow brownish grey	Oxidised / weathered schistosed rock	Soft to moderate hard & friable	Fine grained	Highly weathered & oxidised, highly fractured & fragmented, occasionally friable		
MTB-15	34.00	36.50	2.31	2.50	0.55	23.81	Greenish grey	Quartz biotite chlorite schist (kaolinised ?) (Altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~55°-60°, occasionally silicified, fracture along schistosity few fracture@~20° w.rt CA oxidation along fracture		
MTB-15	36.50	37.80	1.35	1.30	0.59	43.70	Greenish grey	Quartz biotite chlorite schist (kaolinised ?) (Altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~55°-60°, fractured along schistosity, thin irregular hairline fracture filled with clay (?) material		
MTB-15	37.80	39.00	1.14	1.20	0.47	41.23	Greenish grey	Quartz biotite chlorite schist (kaolinised ?) (Altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~55°-60°, fractured along schistosity, thin irregular hairline fracture filled with clay (?) material		
MTB-15	39.00	41.00	1.92	2.00	0.43	22.40	Greenish grey	Quartz biotite chlorite schist kaolinised ? (Altered Metabasic schist)	Hard & compact	Very fine to fine grained	Strongly schistosed @~60°, fractured along schistosity, highly fractured /faulted (?) zone at bottom, slickenlines, crushed core		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-15	41.00	42.50	1.51	1.50	0.29	19.21	Greenish grey	Quartz biotite chlorite schist kaolinised ? (Altered Metabasic schist)	Hard & compact	Very fine to fine grained	Moderate to strongly schistosed, highly fractured & fragmented & broken core at top, oxidation along fracture zone silicified at bottom		
MTB-15	42.50	43.50	1.04	1.00	0.33	31.73	Greenish grey	Quartz biotite chlorite schist (Altered Metabasic schist) (silicified at place)	Hard & compact	Fine grained	Moderate to strongly schistosed @~60°, fracture @~20°-30°, oxidation along fracture	Fine stringers & dissemination of Chalcopyrite Pyrite	
MTB-15	43.50	45.00	1.44	1.50	0.68	47.22	Greenish grey	Quartz biotite chlorite schist (Altered Metabasic schist) (silicified at place)	Hard & compact	Fine grained	Moderately schistosed @~60°, fractured along schistosity, multiple low angle fracture(~20°-40°) oxidation along low angle fracture	Very rare stringers & dissemination of Chalcopyrite Pyrite (Not worth sampling)	↑HQ
MTB-15	45.00	46.00	1.04	1.00	0.18	17.31	Greenish grey	Quartz biotite chlorite schist (Altered Metabasic schist) (silicified at place)	Hard & compact	Fine grained	Moderately schistosed @~55°-60°, fractured along schistosity, few irregular fracture, fragmented core,	Very rare stringers & dissemination of Chalcopyrite Pyrite (Not worth sampling)	↓ NQ
MTB-15	46.00	49.00	2.99	3.00	1.53	51.17	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~60°, mostly fractured along schistosity, low angle fracture along with fracture parallel to CA, fragmented core, oxidation along fracture	Minor stringers & rare dissemination specs of Chalcopyrite & Pyrite (Not worth sampling)	
MTB-15	49.00	52.00	2.94	3.00	0.69	23.47	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~60°, mostly fractured along schistosity, low angle fracture along with fracture parallel to CA, fragmented core, oxidation along fracture	Rare isolated specs & stringers of Chalcopyrite (Not worth sampling)	
MTB-15	52.00	53.50	1.08	1.50	0.61	56.48	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~60°, fractured along schistosity,	Stringers & veins of Pyrite & Chalcopyrite along schistosity	
MTB-15	53.50	54.70	1.52	1.20	0.10	6.58	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~55°-60°, irregular fracture parallel to CA, carbonate filling along fracture	Stringers & veins (fracture filling) of Pyrite along with Chalcopyrite	
MTB-15	54.70	55.40	0.60	0.70	0.00	0.00	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed, highly fractured & fragmented core, fracture parallel to CA	Stringers of Pyrite along with minor Chalcopyrite	
MTB-15	55.40	56.30	0.86	0.90	0.37	43.02	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~60°, fragmented core, at bottom	Veins & minor dissemination of Chalcopyrite along schistosity	
MTB-15	56.30	57.50	0.86	1.20	1.05	122.09	Greenish grey	Quartz biotite chlorite schist (silicified) (Altered Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~50°-60°, fracture @~20°-40°, w.r.t CA limonitic stain along fracture also fracture along schistosity plane	Stringers of Chalcopyrite along schistosity	
MTB-15	57.50	59.30	1.17	1.80	0.89	76.07	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~55°-60°, thin schistosity parallel to quartz vein	Very minor stringers & dissemination specs of Chalcopyrite along schistosity (Not worth sampling)	
MTB-15	59.30	59.50	0.23	0.20	0.10	43.48	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~55°-60°, thin schistosity parallel to quartz vein	Very minor stringers & dissemination specs of Chalcopyrite along schistosity (Not worth sampling)	
MTB-15	59.50	60.50	1.06	1.00	0.66	62.26	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Moderately schistosed @~55°-60°, fractured along schistosity, thin quartz vein parallel to schistosity	Veins of Pyrite , Pyrrhotite along schistosity (Not worth sampling)	
MTB-15	60.50	61.50	1.00	1.00	0.81	81.00	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Very fine grained	Moderately schistosed @~50°-55°, few irregular fracture, schistosity, parallel quartz vein		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-15	61.50	63.56	2.06	2.06	1.63	79.13	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Moderately schistosed @~50°, fracture parallel to schistosity, sheared quartz veins		
MTB-15	63.50	64.00	0.54	0.50	0.18	33.33	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Schistosed, fracture @~40°,	Very rare specs of sulfides (Not worth sampling)	
MTB-15	64.00	66.00	2.05	2.00	1.61	78.54	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Moderately schistosed @~50°, few fracture parallel to schistosity, fracture @~40°, @~64.50, schistosity parallel quartz vein		
MTB-15	66.00	66.50	0.50	0.50	0.43	86.00	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Fine grained	Moderately schistosed @~50°, quartz veins		
MTB-15	66.50	68.00	1.50	1.50	1.14	76.00	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Moderate to strongly schistosed @~50°, at place silicified /granitized (?), thin pseudotachylite veins @~67.00 fracture parallel to schistosity	Isolated veins of Chalcopyrite @~67.90	
MTB-15	68.00	69.50	1.52	1.50	1.08	71.05	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Moderate to strongly schistosed @~50°, at place silicified /granitized (?), thin pseudotachylite veins, fracture parallel to schistosity	Stringers of Chalcopyrite along schistosity	
MTB-15	69.50	72.50	2.83	3.00	2.31	81.63	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine grained	Strongly schistosed @~50°, multiple fracture/splitting along schistosity, thin quartz veins parallel to schistosity	Minor isolated stringers of Chalcopyrite along schistosity	
MTB-15	72.50	75.50	3.02	3.00	1.80	59.60	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine to fine grained	Strongly schistosed @~50°-55°, multiple fracture parallel to schistosity, fragmented core thin quartz veins	Minor to rare specs of Chalcopyrite along schistosity (Not worth sampling), Veins of Magnetite	
MTB-15	75.50	77.50	2.00	2.00	0.95	47.50	Greenish grey to grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) + quartz vein	Hard & compact	Very fine to fine grained	Strongly schistosed @~50°-55°, fracture parallel to schistosity low angle fracture (~20°-30°) @ 76.40, 77.30, thin quartz veins parallel to schistosity	Stringers of Pyrite & Chalcopyrite along schistosity, thin Magnetite veins and patches	
MTB-15	77.50	80.50	3.00	3.00	2.34	78.00	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) occasionally silicified	Hard & compact	Fine grained	Strongly schistosity @~50°-55°, few fractures parallel to schistosity low angle fracture (~30°) @~78.80 quartz vein parallel to schistosity	Stringers & fracture filling massive veins of Chalcopyrite, thin Magnetite veins and patches	
MTB-15	80.50	83.50	3.00	3.00	2.49	83.00	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) occasionally silicified	Hard & compact	Fine grained	Moderately schistosed @~50° occasionally massive silicified & altered (?) multiple fracture along schistosity	Stringers & fracture filling massive veins of Chalcopyrite, few disseminated magnetite grains	
MTB-15	83.50	85.50	2.03	2.00	1.38	67.98	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) occasionally silicified	Hard & compact	Fine grained	Moderately schistosed @~50° occasionally massive silicified & altered (?) multiple fracture along schistosity	Minor thin stringers of Chalcopyrite along schistosity, disseminated magnetite grains/specs	
MTB-15	85.50	88.50	2.93	3.00	2.14	73.04	Greenish grey	Quartz biotite chlorite schist ± amphibole (Metabasic schist) occasionally silicified	Hard & compact	Fine grained	Moderately schistosed @~50°, multiple splitting /fracture parallel to schistosity, silicified / granitized (?) at bottom, low angle fractures are occasionally filled with carbonate vein	Thin to thick stringers of Chalcopyrite along schistosity, occasional thin magnetite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-15	88.50	91.50	3.00	3.00	1.67	55.67	Grey to pink grey	Granite Gneiss with bands of Metabasic schist	Hard & compact	Fine grained	Massive to feebly foliated @~50°, highly fragmented along schistosity brecciated zone @~89.90-90.40	Thick fracture /brecciated filling massive vein & stringers of Chalcopyrite along with Pyrite, Pyrrhotite and Magnetite, also dissemination of magnetite throughout the core length	
MTB-15	91.50	94.50	3.00	3.00	2.06	68.67	Grey	Granite Gneiss	Very hard & compact	Fine to medium grained	Massive to feebly foliated, thin micaceous intercalations, multiple fracture @~60°-80°,	Minor thin stringers of Chalcopyrite along schistosity & veins, veins and dissemination magnetite grains/specs	
MTB-15	94.50	97.50	3.00	3.00	2.38	79.33	Grey	Granite Gneiss	Very hard & compact	Fine to medium grained	Massive to feebly foliated, thin micaceous intercalations, irregular fracture, fragmented core, low angle fracture	Fracture filling veins of Chalcopyrite @~94.50-94.10 & other places, thin magnetite veins	
MTB-15	97.50	100.00	3.00	2.50	2.23	74.33	Grey	Granite Gneiss	Very hard & compact	Fine grained	Massive, few fracture @~60°-80°, quartz carbonate vein		
MTB-16	0.00	9.00	0.27	9.00			Yellow brown	Top soil	Loose & conesive				
MTB-16	9.00	10.00	0.50	1.00			Yellow brown	Top soil + fragments of quartzite	Loose & conesive	Fine grained	Quartzite is massive & fragmented oxidised		
MTB-16	10.00	13.00	0.40	3.00			Yellow brown	Top soil + fragments of quartzite	Loose & conesive	Fine grained	Quartzite is massive & fragmented oxidised		HQ
MTB-16	13.00	16.00	1.75	3.00			Yellow brown	Soil + oxidised fragments of quartzite at top	Loose & conesive		Quartzite is massive, fragmented & oxidised, limonite hairline in soil		HQ
MTB-16	16.00	19.00	1.20	3.00			Yellow greenish grey	Soil + oxidised schistosed rock	Loose & conesive	Fine grained			HQ
MTB-16			0.60				Greenish grey	Oxidised basic rock	Moderate hard & compact	Fine grained	Schistosed, highly fractured & fragmented		
MTB-16	19.00	22.00	2.30	3.00			Greenish grey	Oxidised basic schist /rock	Moderate hard & compact	Fine grained	Feeble schistosity, highly irregularly fractured, also fracture parallel to CA, highly fragmented & broken core, core loss		HQ
MTB-16	22.00	25.00	2.90	3.00			Greenish grey	Oxidised basic schist /rock	Moderate hard & compact	Fine grained	Feeble schistosity, highly irregularly fractured, also fracture parallel to CA, highly fragmented & broken core, core loss		
MTB-16	25.00	28.00	2.84	3.00	0.64	22.54	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole (Metabasic schist)	Hard & compact	Fine grained	Feeble schistosity, at place massive, highly fractured, fragmented & broken core at top, oxidation & limonitic stain along fracture		
MTB-16	28.00	31.00	2.20	3.00	0.00	0.00	Greenish grey	Garnetiferous - quartz - biotite chlorite schist ± amphibole (Metabasic schist) + bands of partially formed soil	Moderate hard & compact	Fine grained	Strongly schistosed @~40°-50°, fully to partially oxidised at place, highly fractured & fragmented & broken core, core loss		
MTB-16	31.00	34.00	2.60	3.00	0.80	30.77	Greenish grey	Garnetiferous - quartz - feldspathic - biotite - chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, highly irregularly fracture, also fractured along schistosity, fragmented & broken core at top, oxidation along fracture		
MTB-16	34.00	37.00	3.04	3.00	0.69	22.70	Greenish grey	Quartz - feldspathic - biotite - chlorite schist ± amphibole ± Garnetiferous (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed 20°-30°, highly fracture @~50°-70°, occasionally fragmented core, oxidation along fracture place, sheared quartz veins		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-16	37.00	40.00	3.09	3.00	0.83	26.86	Greenish grey	Garnetiferous - quartz - biotite - chlorite schist ± amphibole (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed , large garnet porphyroblast , highly fracture, fragmented & broken core strongly oxidised along fracture zone @~37.80-38.63		Gradletional contact with the metabasic schist
MTB-16	40.00	43.00	2.78	3.00	0.50	17.99	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~30°-40°, large garnet porphyroblast , highly fracture @~20°-30°, slicken lines at bottom , fragmented & broken core, oxidation along fracture		
MTB-16	43.00	46.00	0.97	0.99	0.99	33.67	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed , large garnet porphyroblast , highly fractured		
MTB-16			1.97	2.01			Greenish grey	Quartz biotite chlorite schist ± amphibole ± Garnetiferous (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @ 40°-50°, fractured along schistosity , fragmented core, quartz veins		
MTB-16	46.00	49.00	0.92	0.95	0.84	28.77	Greenish grey	Quartz biotite chlorite schist ± amphibole ± Garnetiferous (altered Metabasic schist)	Moderate hard & compact occasionally friable	Fine grained	Strongly schistosed , fractured & fragmented , highly oxidised friable core		
MTB-16			2.00	2.05			Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed , large garnet porphyroblast , clusters fractured along schistosity , folded quartz veins		
MTB-16	49.00	52.00	3.00	3.00	1.60	53.33	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist (altered) + quartz veins	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~40°, wavy schistosity , fractured along schistosity , also few irregular fracture at low angle, oxidation along fracture		
MTB-16	52.00	55.00	3.00	3.00	2.04	68.00	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist (altered) + quartz veins	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~40°, wavy schistosity , fractured along schistosity , also few irregular fracture at low angle, oxidation along fracture		
MTB-16	55.00	58.00	3.09	3.00	1.07	34.63	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist (altered) + quartz veins	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~45°-50°, highly fracture & fragmented & broken core @ 57.00 - 58.00 , low angle fracture (~0°-10°)		
MTB-16	58.00	61.00	2.80	3.00	0.84	30.00	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist (altered) + quartz veins (altered & silcified)	Hard & compact	Fine grained to coarse grained	Strongly schistosed @ 30°-50°, crenulations , micro-foldings , highly fracture at low angle @~10°-20° @ 59.40-69.40 fragmented core , quartz veins	Rare spes of sulfides (Not worth sampling)	
MTB-16	61.00	64.00	2.00	2.00	1.30	43.33	Greenish grey with pink patches	Garnetiferous quartz mica chlorite schist (altered) + quartz veins (altered & silcified)	Hard & compact	Fine grained to coarse grained	Strongly schistosed @ 40°-50°, fractured along schistosity , silicified , sheared & brecciated quartz veins	Stringers & veins of Pyrite	
MTB-16			1.00	1.00		0.00	Green	Biotite chlorite schist ± amphibole	Hard & compact	Fine grained	Strongly schistosed @~30°, fragmented core , thin quartz veins	Stringers & veins of Pyrite	Sharp contact
MTB-16	64.00	67.00	3.00	3.00	2.14	71.33	Greenish grey	Quartz chlorite schist ± biotite ± amphibole (silicified) + bands of quartz biotite schist	Hard & compact	Fine grained	Strongly schistosed @~50°, at 66 - 67.00 schistosity angle is very low @~ 10°- to CA, fragmented core, multiple fracture @~ 40°-45° @ 64-65.00		

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-16	67.00	70.00	2.98	3.00	1.06	35.57	Grey to greenish grey	Quartz biotite chlorite schist ± amphibole (silicified)	Very hard & compact	Fine grained	Feably schistosed , occasionally massive , highly irregularly fractured & fragmented core, thin folded quartz veins	Minor stringers & spces of Pyrite	
MTB-16	70.00	73.00	2.94	3.00	2.40	81.63	Greenish grey	Quartz biotite chlorite schist ± amphibole (altered)	Hard & compact	Very fine grained	Massive to feably schistosed , fracture @~ 70°-80°,	Minor stringers & spces of Pyrite	
MTB-16	73.00	76.00	1.10	1.13	1.10	37.67	Grey	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Stronlgy schistosed , large garnet porphyroblast , fragmented core,	Replacement of sulfides stringers minor very small spces of sulfides (Not worth sampling)	
MTB-16			1.82	1.87			Grey	Quartzite ± biotite ± chlorite	Very hard & compact	Fine grained	Massive to feably schistosed , highly fractured & fragmented , multiple low angle fracture @20°		
MTB-16	76.00	79.00	2.96	3.00	1.37	46.28	Grey to pink patches	Garnetiferous quartzite + bands of Garnetiferous quartz mica chlorite schist	Hard & compact	fine grained	Massive to feably schistosed fractures at irregular angle , fragmented core,		
MTB-16	79.00	82.00	2.99	3.00	1.25	41.81	Grey to pink patches	Intercalations between Garnetiferous quartz mica chlorite schist & Garnetiferous quartzite	Hard & compact	Fine grained to coarse grained	Massive to strongly schistosed @~ 50°-55°, fractured along schistosity , low angle fracture (~20°) @ 80.30, fragmented core,		
MTB-16	82.00	85.00	0.50	0.50	0.20	40.00	Grey to pink patches	Garnetiferous quartz mica chlorite schist	Hard & compact	Fine grained to coarse grained	Strongly schistosed @~50°, fracture & fragmented core,		
MTB-16			2.49	2.50			Grey	Garnetiferous quartzite (banded)	Hard & compact	Fine grained	Massive , highly fractured @~40°-55°, highly fragmented & broken core, oxidised along fracture (limonite stain)		
MTB-16	85.00	88.00	2.93	3.00	1.16	39.59	Grey	Garnetiferous quartzite (banded)	Hard & compact	Fine grained	Massive , highly fractured @~40°-55°, highly fragmented & broken core, oxidised along fracture (limonite stain)		
MTB-17	0.00	6.00	0.22	6.00			Yellow	Top soil	Loose & cohesive				
MTB-17	6.00	12.00	0.30	6.00			Yellow	Top soil	Loose & cohesive				Fault zone (?)
MTB-17	12.00	13.00	0.60	1.00			Yellow	Top soil	Loose & cohesive				
MTB-17	13.00	16.00	1.45	3.00			Yellow	Top soil	Loose & cohesive				
MTB-17	16.00	19.00	0.88	3.00			Yellow grey	Top soil	Loose & cohesive				
MTB-17	19.00	22.00	0.60	3.00			Yellow brown	Top soil	Loose & cohesive				
MTB-17	22.00	25.00	1.02	3.00			Yellow	Soil	Loose & cohesive		At place friable		
MTB-17	25.00	28.00	0.80	3.00			Brownish grey	Soil + pebbles of quartzite	Soft loose & cohesive				
MTB-17	28.00	31.00	1.03	3.00			Brownish grey	Soil + pebbles of quartzite	Soft loose & cohesive		At place friable		
MTB-17	31.00	34.00	0.37	3.00			Brownish grey	Soil + pebbles of quartzite	Soft loose & cohesive		At place friable		
MTB-17	34.00	37.00	0.40	3.00			Grey	Soil + pebbles of quartzite	Loose & friable				
MTB-17	37.00	40.00	0.37	3.00			Yellow grey	Oxidised pebble, boulders of quartzite	Hard & fragmented		Highly fragmented		
MTB-17	40.00	43.00	0.38	3.00			Yellow grey	Soil + fragmented quartz pebbles & boulders	Hard to soft, loose , friable		Highly fragmented		
MTB-17	43.00	46.00	0.20	3.00			Yellow	Soil + fragmented oxidised rock	Soft cohesive to loose at place		Highly fragmented		
MTB-17	46.00	49.00	0.29	3.00			Yellow brown	Highly oxidised schistosed rock + soil	Soft cohesive to loose at place		Highly fragmented		
MTB-17	49.00	52.00	0.83	3.00			Yellow brown	Soil + highly oxidised schistosed rock fragments	Soft cohesive to loose at place	Fine grained	Fragmented, friable		
MTB-17	52.00	55.00	1.00	3.00			Light grey	Soil + quartz boulders	Soft loose & cohesive to friable				
MTB-17	55.00	58.00	0.76	3.00			Light grey	Soil + quartz boulders	Soft loose & cohesive to friable				

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-17	58.00	61.00	0.42	0.88			Grey	Oxidised Metabasic rock/schist ?	Soft compact	Fine grained	Massive to feebly schistosed, fractured		
MTB-17			0.71	1.49			Brown grey	Loose sandy soil	Loose & friable				
MTB-17			0.30	0.63			Grey white	Quartz vein	Hard & compact	Very fine grained	Massive, highly fractured & fragmented		
MTB-17	61.00	64.00	1.22	3.00			Greenish grey	Highly oxidised schistosed Metabasic rock + partially formed soil	Moderate hard to soft compact	Fine grained	Massive to feebly schistosed, highly oxidised, highly fractured & fragmented		Crused core (?)
MTB-17	64.00	67.00	1.12	3.00			Greenish grey	Highly oxidised schistosed Metabasic rock + partially formed soil	Moderate hard to soft compact	Fine grained	Massive to feebly schistosed, highly fractured & fragmented highly oxidised /weathered	Fractured filling massive patches & veins of Chalcopyrite	Fault zone (?)
MTB-17	67.00	70.00	0.35	3.00			Yellow	Soil	Loose & friable				Fault zone (?)
MTB-17	70.00	73.00	0.82	3.00			Greenish grey	Partially to fully oxidised Metabasic schist + soil band	Hard & compact	Fine grained	Schistosed, highly fractured & fragmented, crushed core (?) slicken lines	Stringers of Chalcopyrite along some fragmented core	HQ↑ ↓NQ
MTB-17	73.00	76.00	0.32	3.00				Oxidised schistosed rock + quartz vein	Hard fragmented	Fine grained	Highly fragmented, core loss		
MTB-17	76.00	79.00	2.46	3.00	0.58	23.58	Pink grey	Granitoid rock (Granite gneiss)	Hard & compact	Fine grained	Strongly foliated @~30°, highly fractured & fragmented, broken core, 2 sets of fracture @~35°-40° & ~50°-55° conjugate to each other, brecciated zone at place		
MTB-17	79.00	82.00	2.80	3.00	0.56	20.00	Pink to pinkish grey at place	Granitoid rock (Granite gneiss)	Hard & compact	Fine grained	Foliated @~40°, highly fractured, fractured along @~50° & 40° few irregular fracture, highly fragmented core	Isolated Magnetite veins or patches @ 81.20	K-feldsper rich granitoid rock
MTB-17	82.00	85.00	2.99	3.00	1.40	46.82	Pink to pinkish grey	Granite gneiss + bands of quartz biotite chlorite schist at bottom	Hard & compact	Fine- medium grained	Strongly foliated @~45°, fracture parallel to foliated, also fracture @~50° oblique to foliation place, highly fragmented broken core	Stringers of Chalcopyrite along schistosity at quartz biotite chlorite schist 0.10cm @ 0.30-0.50%	
MTB-17	85.00	88.00	2.83	3.00	0.50	17.67	Grey	Granite gneiss [at place altered (chloritised)] + bands of chlorite biotite bands	Hard & compact	Fine grained	Strongly foliated @~40-50°, highly fractured & fragmented, low angle fracture, broken core, fracture angle @~40°-50°, occasionally irregular in nature	Rare occasional of Magnetite veins	
MTB-17	88.00	91.00	1.70	1.78	0.47	16.38	Grey	Granite gneiss [at place altered (chloritised)] + bands of chlorite biotite bands	Hard & compact	Fine grained	Strongly foliated @~40-50°, highly fractured & fragmented, low angle fracture, broken core, fracture angle @~40°-50°, occasionally irregular in nature	Rare occasional of Magnetite veins	
MTB-17			1.17	1.22			Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist) (at place altered)	Hard & compact	Fine grained	Strongly foliated /schistosed @~50°, highly fractured along schistosity, occasionally irregular fractured, fragmented core, slicken lines, silicified at place		
MTB-17	91.00	94.00	2.90	3.00	0.65	22.41	Greenish grey	Quartz feldspathic biotite chlorite schist (Metabasic schist) (at place altered) + silicified /granitized (?) 91.63 - 92.90	Hard & compact	Fine grained	Strongly foliated @~ 50°, highly fragmented along schistosity, fracture parallel to CA, highly fragmented & broken core @ 91.70-92.50	Few stringers & spes of Chalcopyrite (Not worth sampling)	
MTB-17	94.00	97.00	2.89	3.00	1.92	66.44		Quartz feldspathic biotite chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~50°, fractured along schistosity, crenulation fragmented core	Stringers & veins of Chalcopyrite along with pyrrnotite	

Bh.No.	From (m)	To (m)	Rec. Thick (m)	Ext. Len	RQD L	RQD (%)	Colour	Lithology	Physical Properties	Grain size	Sturcture/Texture	Mineralogy	Remarks
MTB-17	97.00	100.00	2.84	3.00	0.80	28.17	Greenish grey	Quartz feldspathic biotite chlorite schist	Hard & compact	Fine grained	Strongly schistosed @~50°, highly fractured & fragmented, broken core, slicken lines, potassic altered	Few minor stringers of Chalcopyrite Magnetite patches	
MTB-17	100.00	103.00	2.85	3.00	1.38	48.42	Grey	Biotite chlorite quartz schist (silicified basic schist ?)	Hard & compact	Fine grained	Moderately schistosed @~50°, highly fracture @~40°- 60°, occasionally fragmented core, brecciated quartz veins	Massive patches of Chalcopyrite @~100.30-100.40 Magnetite veins & patches	
MTB-17	103.00	106.00	2.50	2.50	1.89	63.00	Grey	Biotite chlorite quartz schist / quartzite	Hard & compact	Fine grained	Feeble schistosity @~45°-50°, mostly fractured along schistosity, few conjugate fracture	Massive patches of Chalcopyrite along with occasionally stringers , associated with pyrrhotite & Magnetite	
MTB-17			0.50	0.50			Greenish grey	Quartz biotite chlorite schist (Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°, fractured along schistosity, brecciated quartz veins	Massive Magnetite vein parallel to schistosity at bottom	
MTB-17	106.00	109.00	2.89	3.00	1.67	57.79	Greenish grey	Quartz biotite chlorite schist (Metabasic schist) (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @~50°-55°, multiple fracture parallel to schistosity, altered & silicified at place few irregular fracture	Minor Magnetite patches / veins	
MTB-17	109.00	112.00	2.93	3.00	2.13	72.70	Greenish grey	Quartz biotite chlorite schist + quartz veins (accasionally silicified) (altered Metabasic schist)	Hard & compact	Fine grained	Strongly schistosed @ variable angle due to microfolding/crenulations, fractured along schistosity, schistosity parallel quartz veins fragmented at bottom	Veins of Pyrite & Chalcopyrite at bottom, also occasionally Magnetite patches	
MTB-17	112.00	115.00	2.83	3.00	1.63	57.60	Greenish grey	Quartz feldspathic biotite chlorite rock ± amphybole (Metabasic schist /rock (silicified) , quartz veins	Hard & compact	Fine grained	Massive to very feeble foliation at place multiple irregular fracture @~ 35°-50°, occasionally fragmented core, brecciated quartz vein at top	Massive Chalcopyrite , Pyrrhotite , along with massive Magnetite, Magnetite grains distributed throughout the core	
MTB-17	115.00	118.00	2.99	3.00	2.35	78.60	Greenish grey	Quartz feldspathic biotite chlorite rock ± amphybole (Metabasic schist /rock (silicified) , quartz veins + bands of quartzite @ ~116.00 - 116.50	Hard & compact	Fine grained	Massive fracture @~40°-50°, occasionally silicified,	Patches of massive Magnetite	
MTB-17	118.00	121.00	2.99	3.00	2.27	75.92	Grey	Intercalation of quartzite & massive basic rock intrusive/amphibolite	Hard & compact	Fine grained	Massive, irregular fracture @~50°-60°, occasionally fragmented core	Few patches of Magnetite along with rare stringers of Chalcopyrite	
MTB-17	121.00	123.00	2.24	2.00	1.94	86.61	Grey	Biotite chlorite quartzite + bands of basic rock intrusive/amphibolite	Hard & compact	Fine grained	Massive, irregular fracture @~50°-60°, occasionally fragmented core	Few patches of Magnetite along with rare stringers of Chalcopyrite	