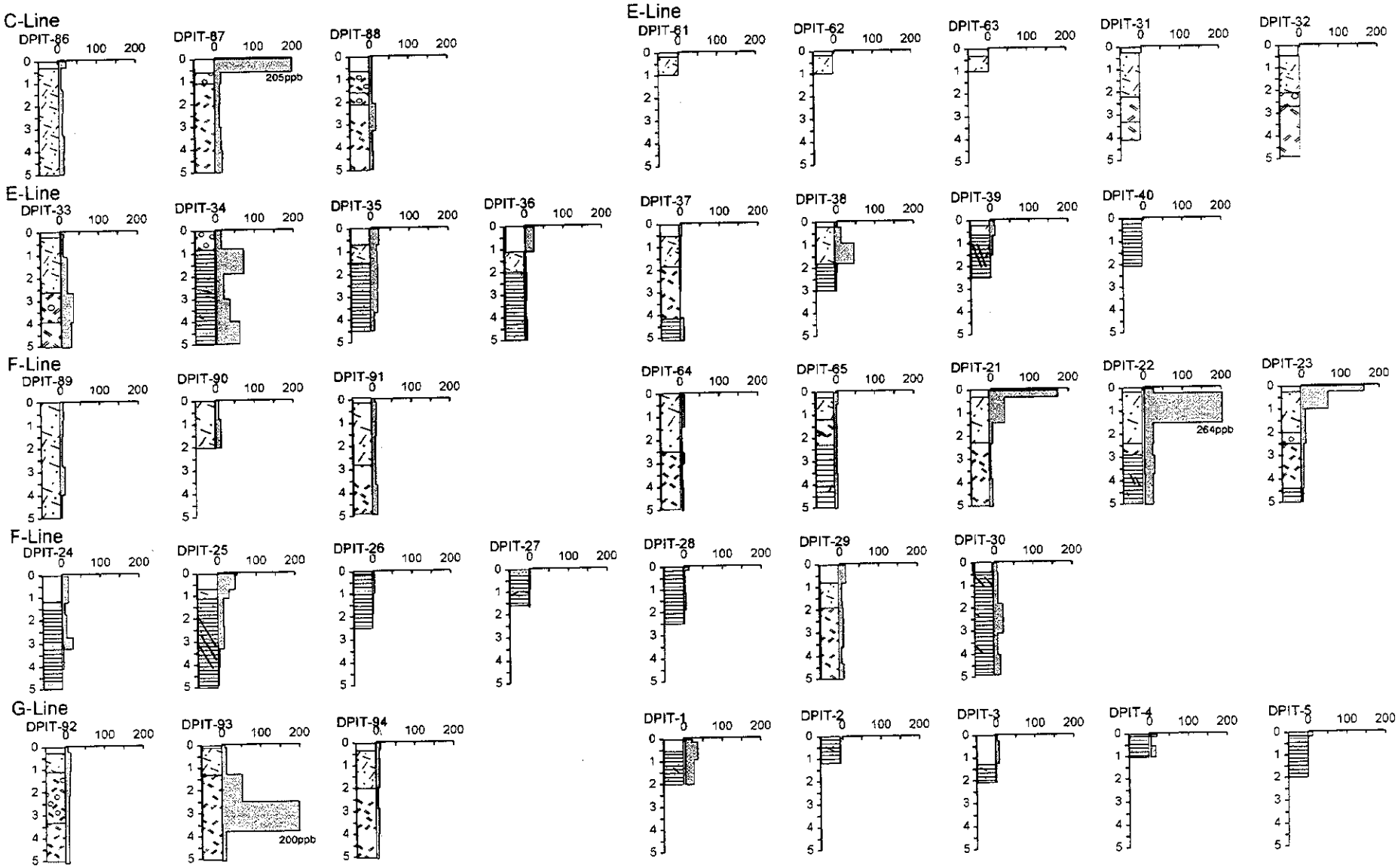
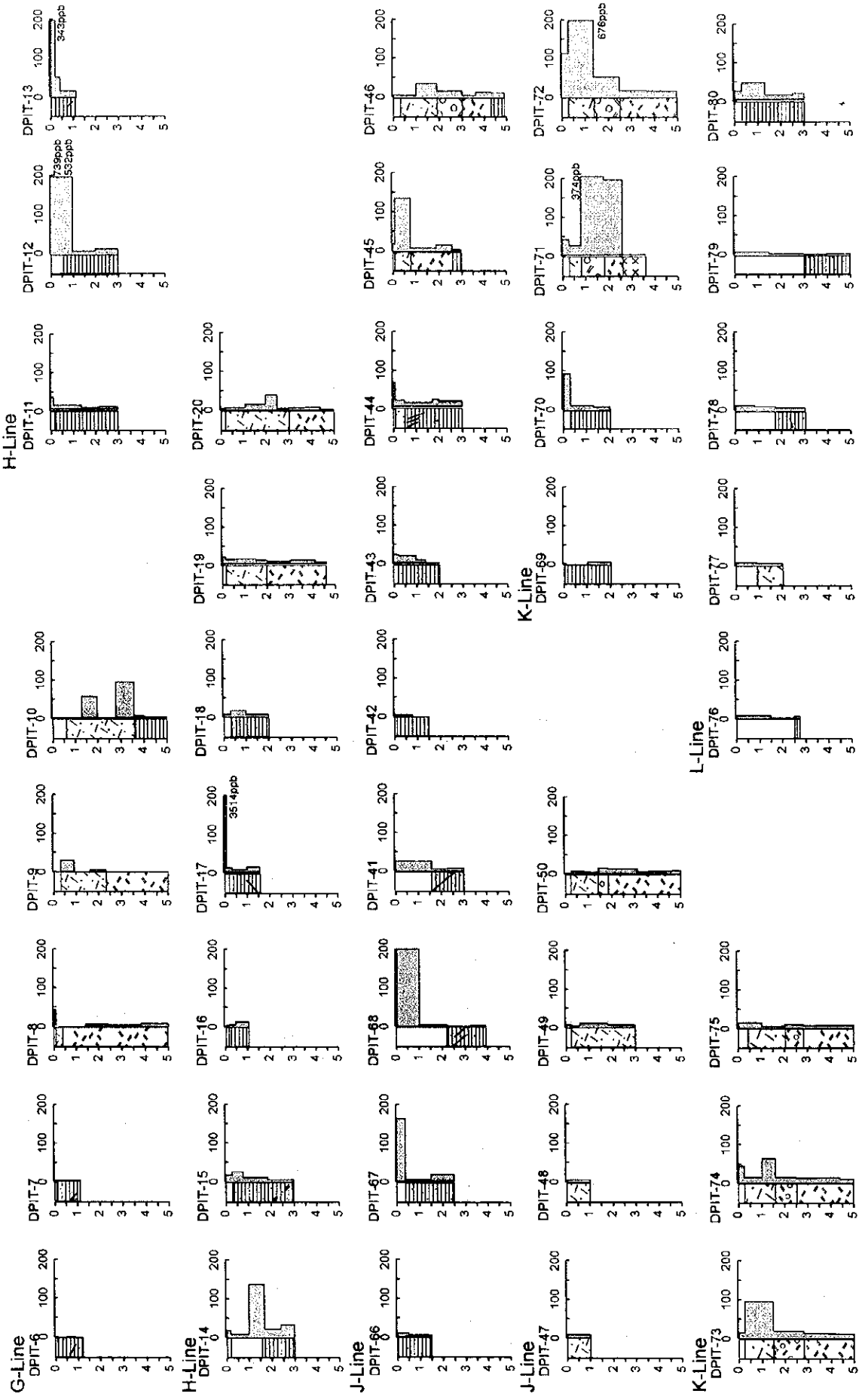
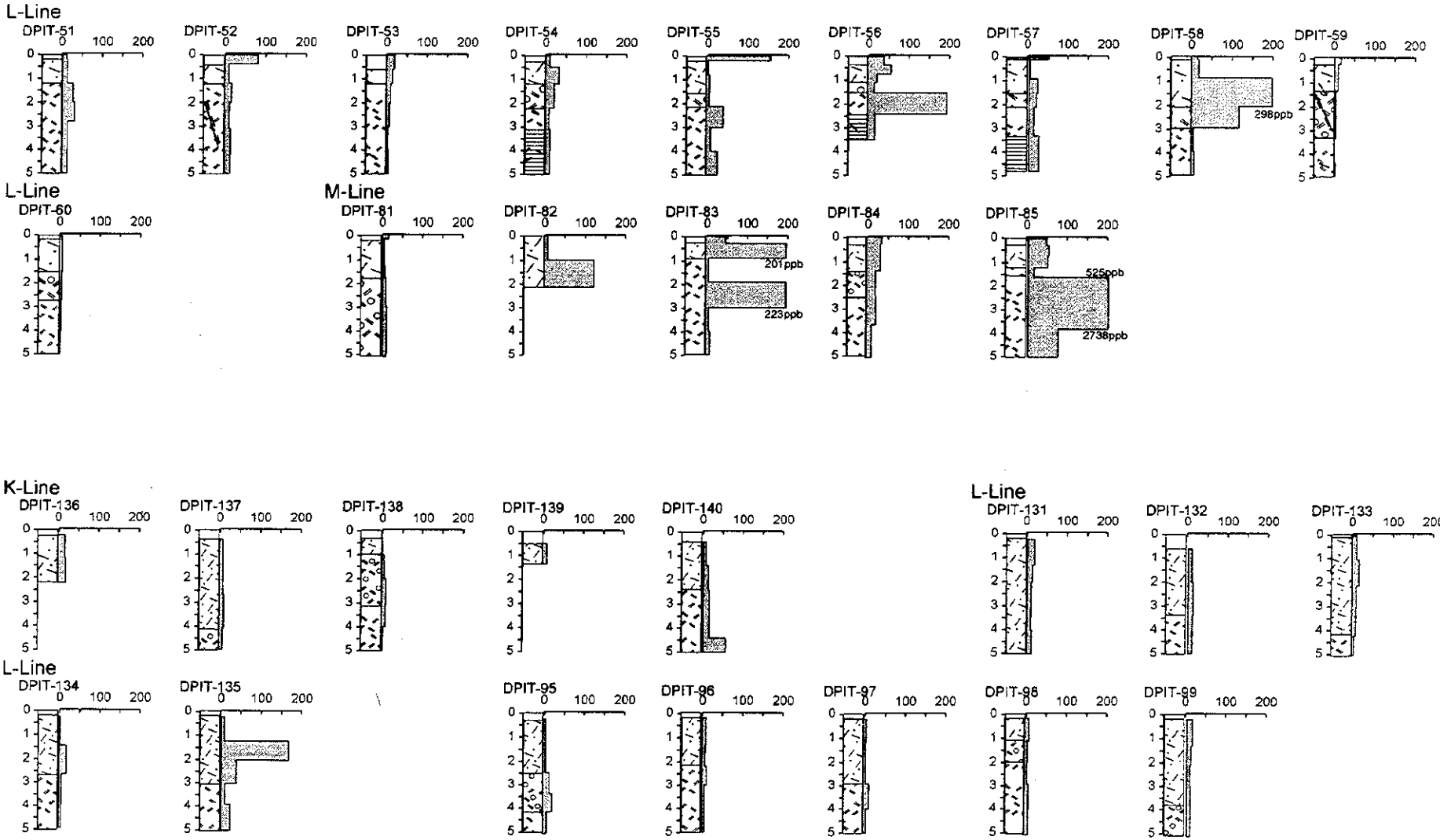
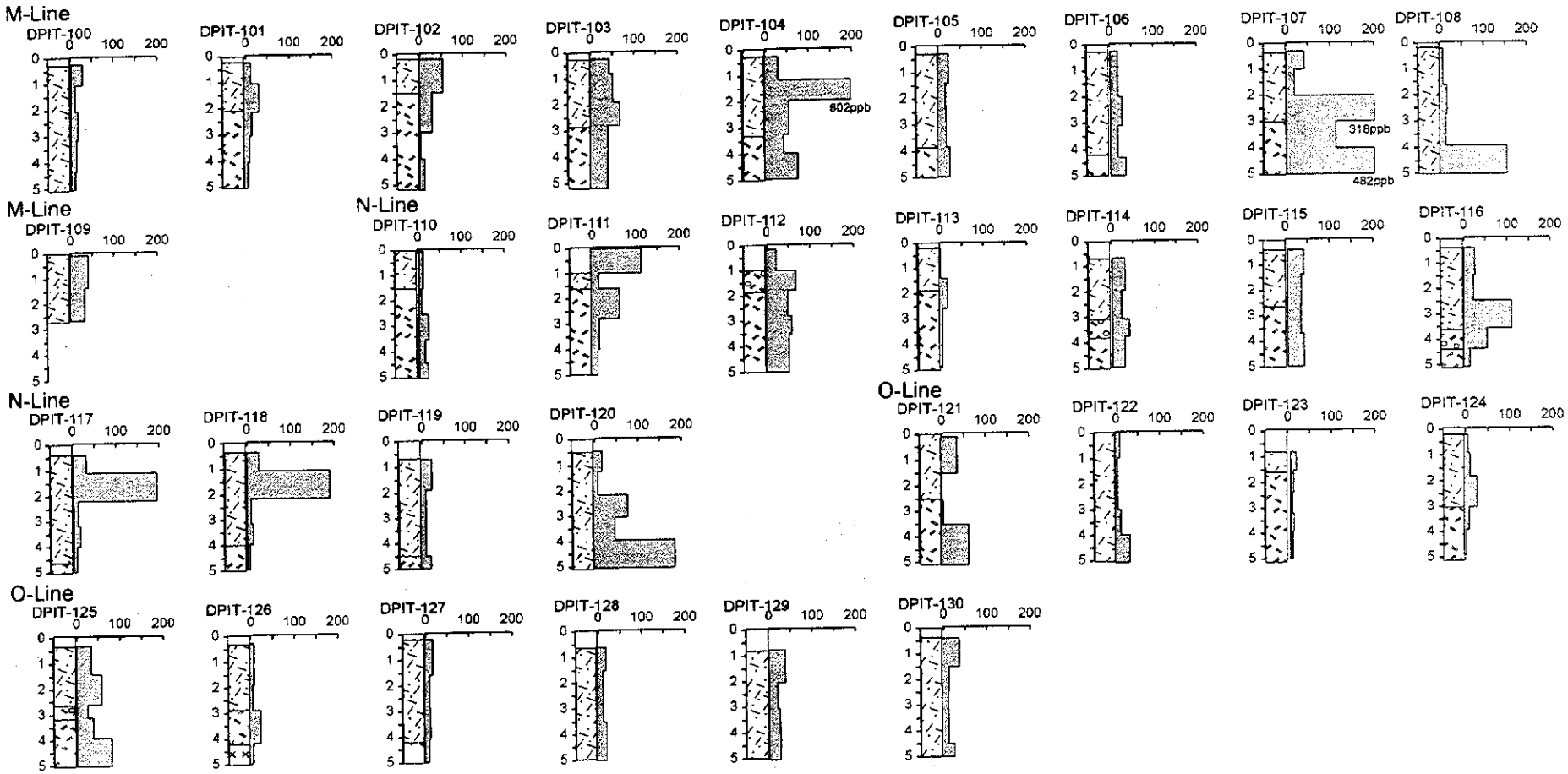
Ap.3　Au 濃集プロファイル（ピット）


C-Line
DPIT-86
DPIT-87
205ppb
DPIT-88
E-Line
DPIT-61
DPIT-62
DPIT-63
DPIT-31
DPIT-32
E-Line
DPIT-33
DPIT-34
DPIT-35
DPIT-36
DPIT-37
DPIT-38
DPIT-39
DPIT-40
F-Line
DPIT-89
DPIT-90
DPIT-91
DPIT-64
DPIT-65
DPIT-21
DPIT-22
264ppb
DPIT-23
F-Line
DPIT-24
DPIT-25
DPIT-26
DPIT-27
DPIT-28
DPIT-29
DPIT-30
G-Line
DPIT-92
DPIT-93
200ppb
DPIT-94
DPIT-1
DPIT-2
DPIT-3
DPIT-4
DPIT-5


G-Line
H-Line
J-Line
J-Line
K-Line
H-Line
K-Line
L-Line
739ppb
532ppb
343ppb
3514ppb
374ppb
676ppb


L-Line
DPIT-51
DPIT-52
DPIT-53
DPIT-54
DPIT-55
DPIT-56
DPIT-57
DPIT-58
298ppb
DPIT-59
L-Line
DPIT-60
M-Line
DPIT-81
DPIT-82
DPIT-83
201ppb
223ppb
DPIT-84
DPIT-85
525ppb
2738ppb
K-Line
DPIT-136
DPIT-137
DPIT-138
DPIT-139
DPIT-140
L-Line
DPIT-131
DPIT-132
DPIT-133
L-Line
DPIT-134
DPIT-135
DPIT-95
DPIT-96
DPIT-97
DPIT-98
DPIT-99


M-Line
DPIT-100
DPIT-101
DPIT-102
DPIT-103
DPIT-104
602ppb
DPIT-105
DPIT-106
DPIT-107
318ppb
482ppb
DPIT-108
M-Line
DPIT-109
N-Line
DPIT-110
DPIT-111
DPIT-112
DPIT-113
DPIT-114
DPIT-115
DPIT-116
N-Line
DPIT-117
DPIT-118
DPIT-119
DPIT-120
O-Line
DPIT-121
DPIT-122
DPIT-123
DPIT-124
O-Line
DPIT-125
DPIT-126
DPIT-127
DPIT-128
DPIT-129
DPIT-130

Ap.4　RC 柱状図

site: MDRC-1 Depth (m): 60m Location (UTM):E693034 N1333007

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Surface soil	light gray	Surface soil, no rock chips	28		
	Psamitic schist	gray ~ greenish gray	Psamitic schist, partly meta sandstone, with small amount of mica. weakly chloritization, with pyrite(arsenopyrite?), limonite (pyrite origin?) and some chlorite-calcite veinlet	13	Chl	Lim
				7		
				6		
				1		
				<1		
			1-10m; weakly silicified, chloritization (1-4m), with limonite film	11		
				10		
				3		
10				12		
			10-13m; pyrite dissemination, pyrite film and minor pyrite hair	18		
				6		
			13-15m; weakly silicified, with quartz fragments, quartz Vein (>15mm) and calcite Veinlet, with coarse grained pyrite	<1	Si	Py
				<1		
				4		
				12		
			15-22m; Psamitic schist with mica, weakly chloritization, with calcite-chlorite film	15		
				19	Chl	
				14		
20				11		
				2		
				1		
			22-29m; with pyrite dissemination (<1%)	2		
				2		
				14		
				9		
				3		
				7		
				1		
30			29-51m; weakly chloritization (39-40m; strongly chloritization), with pyrite patch, traces of pyrite dissemination and minor pyrite hair	3		
				<1		
				2		
				4		
				4		
				7		
				<1		
				6		Py
				12		
				30		
40				23	Chl	
				17		
				18		
				16		
				21		
				60		
				50		
				50		
				22		
				20		
50				26		
				28		
	Meta sandstone	gray ~ greenish gray	Meta sandstone, weakly silicification and chloritization, including quartz fragments, with traces of of pyrite dissemination	12		
				8		
				7		
				22		
				27	Si	Py
				11		
				31		
				4		
60				899		

site: MDRC-2 Depth (m): 60m Location (UTM): E693111 N1333171

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Secondly sediment	yellowish gray	Secondly sediment, including weathered sandstone and pelitic schist rock chips	14 18 11		
10		Weathered sandstone	yellowish gray	Weathered sandstone with limonite film 12-13m; including quartz fragments	14 13 12 11 10 17 23 25 8 10 17 6 10 11		Lim
20		Psamitic schist	gray	Psamitic schist, with quartz veinlet (,3mm), with limonite film	21 12 23		
		Meta sandstone	dark gray	Meta sandstone, with limonite film, 22-23m; quartz veinlet with coarse grained pyrite	5 14 24		
		Psamitic schist	gray	Psamitic schist, with chlorite-limonite film, including quarts fragments with pyrite patch and coarse grained pyrite	15 26 27		
30		Meta sandstone	dark gray - gray	Meta sandstone, weakly silicified, with chlorite film and pyrite dissemination (0-1%) 35-36m; chloritization	19 21 90 31 23 11 12 10 8 9 8	Si Chl	Py
40		Psamitic schist	gray	Psamitic schist with mica, with pyrite patch, coarse grained pyrite and traces of pyrite dissemination	10 26 24 7 <1 5 12 5		
		Meta sandstone	gray - greenish gray	Meta sandstone, weakly chloritization, with traces of pyrite dissemination	3 19 17	Chl	
50		Psamitic schist	gray - dark gray	Psamitic schist with mica, including chlorite-calcite film with pyrite patch	15 9 7 11 9 <1 23 10 9 7 7 12		Py
60							

site: MDRC-3 Depth (m): 60m Location (UTM): E693187 N1333236

depth (m)	Lithology	color	Description	Au (ppb)
0	Weathered sandstone	reddish gray	Weathered sandstone, with limonite dissemination and hematite film	16
				15
				11
				13
		yellowish gray		2
				3
			5-6m; including quartz fragments (d;18mm,10mm)	6
				9
				6
10				8
				7
			11-12m; with traces of pyrite dissemination	4
	Weathered Psamitic schist	light gray - brownish gray	Weathered psamitic schist, with hematite dissemination	7
				8
				9
				6
				3
				7
	Weathered sandstone	light gray	Weathered sandstone with hematite dissemination, including small amount of quartz fragments (d;<5mm)	8
				10
20				12
				14
	Weathered pelitic schist	light gray	Weathered pelitic schist with limonite film	16
				11
				16
				18
	Weathered sandstone	light gray	Weathered sandstone with limonite dissemination (pyrite origin?)	32
				20
	Pelitic schist	greenish gray	Pelitic schist with mica, weakly silicification, with a small amount of limonite film and limonite dissemination	24
				25
30				27
				43
	Meta sandstone	gray	Meta sandstone, silicification and chloritization	28
			32-35m; with traces of pyrite dissemination	31
				17
			35-39m; with pyrite dissemination (1-2%) and patch, including quartz fragment	29
				8
				24
				74
40	Pelitic schist	gray - greenish gray	Pelitic schist with traces of mica, partly pelite, chloritization, with traces of pyrite dissemination	394
				157
				44
			39-40m, 45-47m; chlorite-calcite film with pyrite patch	167
				47
				44
			44-46m, 55-58m; quartz-chlorite veinlet with pyrite (corse grained, patch)	40
				22
				29
				20
50				32
				29
				47
				35
				37
				32
				40
				41
				49
60				42
				102

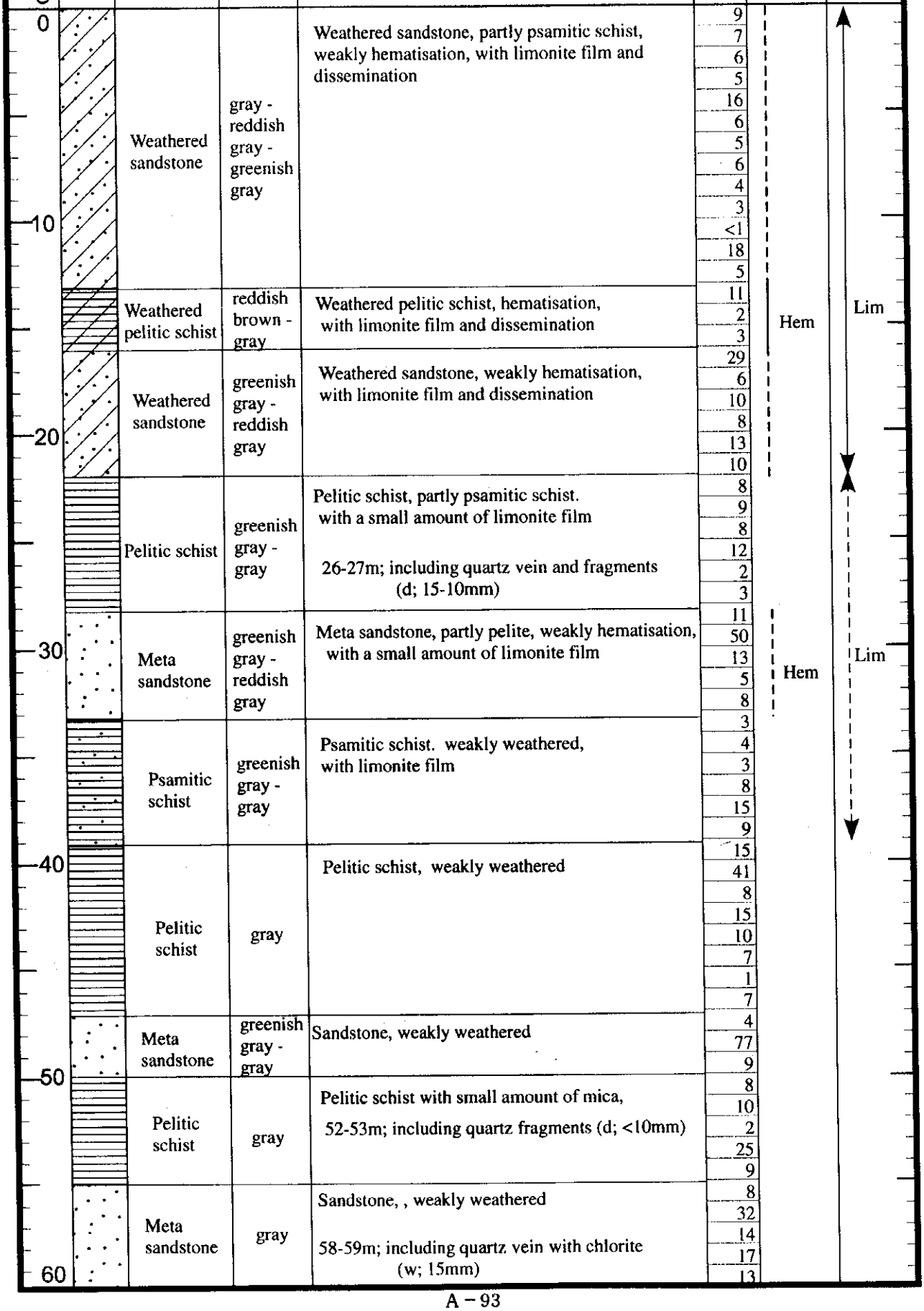
Alteration: Si, Chl

Mineralization: Lim, Hem, Lim, Py

site: MDRC-4 Depth (m): 60m Location (UTM): E693246 N1333300

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered psamitic schist	greenish gray	Weathered psamitic schist with a small amount of mica 5-10m; showing local quartz veining with 2mm to 2cm white to smoky quartz veins	49 6 8 1 30 5 3 16 4 3 3 <1 <1 3 <1 2 25 <1 <1 5 5 6 3		
20	Meta sandstone	greenish gray - dark gray	Meta sandstone schist with small amount of mica, with traces of pyrite dissemination	8 1 5 10 18 5 8 7 14 9 9 7		Py
30	Pelitic schist	dark gray	Pelitic schist, with traces of pyrite dissemination	14		
	Meta sandstone	dark gray	Meta sandstone, weakly silicified, with traces of pyrite dissemination and limonite film	12 25 38 21		
40	Pelitic schist	dark gray	Pelitic schist, with traces of pyrite dissemination	29 19		
	Meta sandstone	dark gray	Psamitic schist, with traces of pyrite dissemination	34 26 12 11 87 50		
	Pelitic schist	dark gray	Pelitic schist, with traces of pyrite dissemination	28	Chl	
50	Meta andesite	dark green	Meta andesite, chloritization	13		
	Pelitic schist	dark gray	Pelitic schist, with pyrite dissemination (0-1%)	262 16 4 22 15 9		Py
	Meta sandstone	dark gray	Meta sandstone, weakly chloritization, with traces of pyrite dissemination	15 9 <1 3	Chl	Py
60						

site: MDRC-5 Depth (m): 60m Location (UTM): E693340 N1333364



depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered sandstone	gray - reddish gray - greenish gray	Weathered sandstone, partly psamitic schist, weakly hematisation, with limonite film and dissemination	9, 7, 6, 5, 16, 6, 5, 6, 4, 3, <1, 18, 5		
10	Weathered pelitic schist	reddish brown - gray	Weathered pelitic schist, hematisation, with limonite film and dissemination	11, 2, 3	Hem	Lim
	Weathered sandstone	greenish gray - reddish gray	Weathered sandstone, weakly hematisation, with limonite film and dissemination	29, 6, 10, 8, 13, 10		
20	Pelitic schist	greenish gray - gray	Pelitic schist, partly psamitic schist. with a small amount of limonite film 26-27m; including quartz vein and fragments (d; 15-10mm)	8, 9, 8, 12, 2, 3		
30	Meta sandstone	greenish gray - reddish gray	Meta sandstone, partly pelite, weakly hematisation, with a small amount of limonite film	11, 50, 13, 5, 8, 3	Hem	Lim
	Psamitic schist	greenish gray - gray	Psamitic schist. weakly weathered, with limonite film	4, 3, 8, 15, 9		
40	Pelitic schist	gray	Pelitic schist, weakly weathered	15, 41, 8, 15, 10, 7, 1, 7		
	Meta sandstone	greenish gray - gray	Sandstone, weakly weathered	4, 77, 9		
50	Pelitic schist	gray	Pelitic schist with small amount of mica, 52-53m; including quartz fragments (d; <10mm)	8, 10, 2, 25, 9		
	Meta sandstone	gray	Sandstone, , weakly weathered 58-59m; including quartz vein with chlorite (w; 15mm)	8, 32, 14, 17, 13		
60						

site: MDRC-6 Depth (m): 60m Location (UTM): E693417 N1333429

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered sandstone	greenish gray - yellow - reddish gray	Weathered sandstone, partly psamitic schist, 3-6m; hematisation	5 4 5 7 5 4		
10	Meta sandstone	brown - greenish gray	Meta sandstone, hematisation, with mica with small amount of hematite and limonite film	4 6 2 50 3 5 5 4 10 8	Hem	Hem & Lim
20	Pelitic schist	greenish gray	Pelitic schist (partly pelite), including psamitic schist and sandstone 16-19m; weakly hematisation, with small amount of limonite film 19-26m; with small amount of limonite and hematite film	20 9 6 5 4 6 10 <1		
30		greenish gray - reddish gray	26-36m; weakly hematisation	9 5 8 5 3 5 6 5 8 8 11 22	Hem	
40	Weathered sandstone	greenish gray	Weathered sandstone (water caused?) 37-38m; include quartz fragments with limonite and hematite	10 177 8 1		Hem & Lim
	Meta sandstone	dark gray	Meta sandstone, with pyrite dissemination (1-2%) and minor pyrite patch 43-44m; including reddish brown colored quartz fragments	12 14 5 6 7 10 23		Py
50		gray - brown	47-49m; including calcite-chlorite veinlet with hematite (5mm, 1mm)	13 19		
	Pelitic schist	greenish gray	Pelitic schist, weakly chloritization, with calcite-chlorite film and veinlet and traces of pyrite dissemination and pyrite patch	19 24 22 31 15 40 27 21	Chl	Py
60	Meta sandstone	dark gray	Meta sandstone, with pyrite patch, 59-60m; with calcite veinlet with chlorite film	24 30 29		

site: MDRC-7 Depth (m): 60m Location (UTM): E693494 N1333493

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Weathered sandstone	brown - reddish yellow - gray	Weathered sandstone, hematisation, including large amount of smoky quartz fragments (6-7m;d; <15mm, some quartz with hematite film, 8-9m; d;<10mm, 13-14m, d;<10mm, 27-28m; d;<15mm)	19	Hem	
					74		
					16		
					11		
					15		
					14		
					884		
					296		
					18		
					13		
10					10		
					9		
					12		
					12		
					46		
					131		
					22		
					26		
					9		
				18-20m; including meta andesite ?	10		
20					4		
					2		
					4		
					4		
					14		
					<1		
					4		
					22		
					9		
					3		
30					6		
					4		
					7		
					9		
					10		
					2		
					12		
					6		
					7		
40		Meta Sandstone	gray - reddish gray	Weakly weathered sandstone, weakly hematisation, 39-41m; including quartz? veinlet (<2mm)	15		
					234		
					9		
		Psamitic schist	gray - reddish brown	Psamitic schist, partly pelite(massive), with mica with hematite dissemination	23		Hem
					9		
					7		
					3		
					27		
					9		
					27		
50		Pelite	gray	Pelite (massive), with mica, weakly chloritization and silicification 52-60m; including calcite-chlorite film with patch pyrite, with traces of pyrite dissemination and arsenopyrite	27	Chl Si	Py & Ar-Py
					12		
					9		
					10		
					8		
					11		
					8		
					11		
					60		
					22		
60					20		

site: MDRC-8 Depth (m): 60m Location (UTM): E693570 N1333557

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Weathered sandstone	greenish gray - reddish gray	Weathered sandstone, hematisation, including quartz fragments (2-3m, 18-21m, 27-29m)	35	Hem	
					28		
					11		
					29		
					16		
					9		
					14		
					6		
					4		
					15		
10			reddish brown - greenish gray		63		
					10		
					3		
					3		
					13		
					7		
					7		
					11		
					15		
					17		
20			greenish gray - reddish gray		8		
					6		
					6		
			reddish brown - greenish gray		8		
					3		
					13		
					7		
					9		
					16		
			greenish gray		68		
30		Meta sandstone	reddish brown	Meta sandstone with small amount of mica, strongly hematisation	5	Hem	
					7		
					7		
					1		
					3		
					<1		
					5		
					612		
					2270		
					20		
40					402		
					359		
					1452		
					2950		
					866		
					626		
					197		
					21		
					1850		
50			reddish brown - green	48-52m: chloritization, 49-50m; include quartz fragments with chlorite (d; 10-20mm) and quartz veinlet (w; <1mm)	334		
					21		
					35		
			violet brown - green	Meta sandstone, hematisation and chloritization	36		
					40		
					26		
					17	Chl	
					64		
				56-57m, 59-60m; including quartz fragments (d;10mm)	1247		
					27		
60					358		

site: MDRC-9 Depth (m): 60m Location (UTM): E693647 N1333621

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered psamitic schist	gray - brownish gray	Weathered psamitic schist, weakly hematisation, including quartz fragments and quartz veinlet (2-6m, 9-10m, 14-20m), with traces of limonite dissemination and film, with some hematite film	5, 4, 10, 12, 7, 8, 4, 3, 8, 4, 5, 13, 5, 11, 12, 5, 3, 14, 14, 16	Hem	Lim
20	Meta sandstone	greenish gray	Meta sandstone with limonite film	10, 8		Lim
	Psamitic schist	gray	Psamitic schist, with traces of hematite dissem, with some limonite film 27-28m; including quartz veinlet with limonite (origin pyrite?)	9, 11, 17, 28, 16, 49, 6, 7		
30	Meta sandstone	gray	Meta sandstone, with traces of hematite dissemination and limonite film 33-34m; including quartz fragments (d;<20mm)	4, 11, 2, 5		Lim
	Pelitic schist	gray	Pelitic schist 34-40m; with traces of hematite film	3, <1, 9, 8, 7, 10		
40		gray - brownish gray	40-50m; weakly hematisation, with hematite film	7, 5, 10, 9, 3, 4, 9, 9, 26, 10	Hem	Hem
50	Meta sandstone	gray	Meta sandstone, with small amounts of limonite and hematite film, partly hematisation (50-53m, 57-60m), including quartz fragments with limonite (51-52m, 59-60m),	40, 11, 76, 51, 12, 11, 16, 247, 9, 31		Hem & Lim
60						

site: MDRC-10 Depth (m): 60m Location (UTM): E693723 N1333686

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered Psamitic schist	yellowish white	Weathered psamitic schist, partly hematisation	54		
		yellowish gray		321		
				17		
				12		
				5		
				9		
				6		
				12		
				15		
10	Psamitic schist	violet brown - reddish gray - greenish gray	Psamitic schist, including Meta sandstone, partly hematisation (strongly), weakly chloritization, including some calcite-hematite veinlet (w;<1mm)	7		
				8		
				10		
				14		
				27		
				274		
				39		
				42		
				27		
				690		
20				28		
				6		
				8		
				9	Hem	
				4		
				4		
				17		
				4		
				7		
				7		
				4		
30	Meta sandstone	violet brown - greenish gray	Meta sandstone, hematisation and weakly chloritization	7		
				6		
				11		
				62		
				12		
	Psamitic schist	reddish gray - greenish gray	Psamitic schist, hematisation (35-43m) and chloritization (38-48m, 57-60m), with quartz veinlet (w;<7mm, 52-54m, 57-60m), calcite veinlet (w;<1mm, 48-52m, 57-60m) and limonite film and dissemination (50-53m, 55-59m)	6		
				6		
				92		
				7		
				26		
40				10		
				542		
				8		
				10		
		greenish gray - dark gray		6	Chl	
				81		
				14		
				6		
				3		
				7		
50				3		
				5		Lim
				67		
				6		
				9		
				18		
				36		Lim
				70		
				6		
60				7		

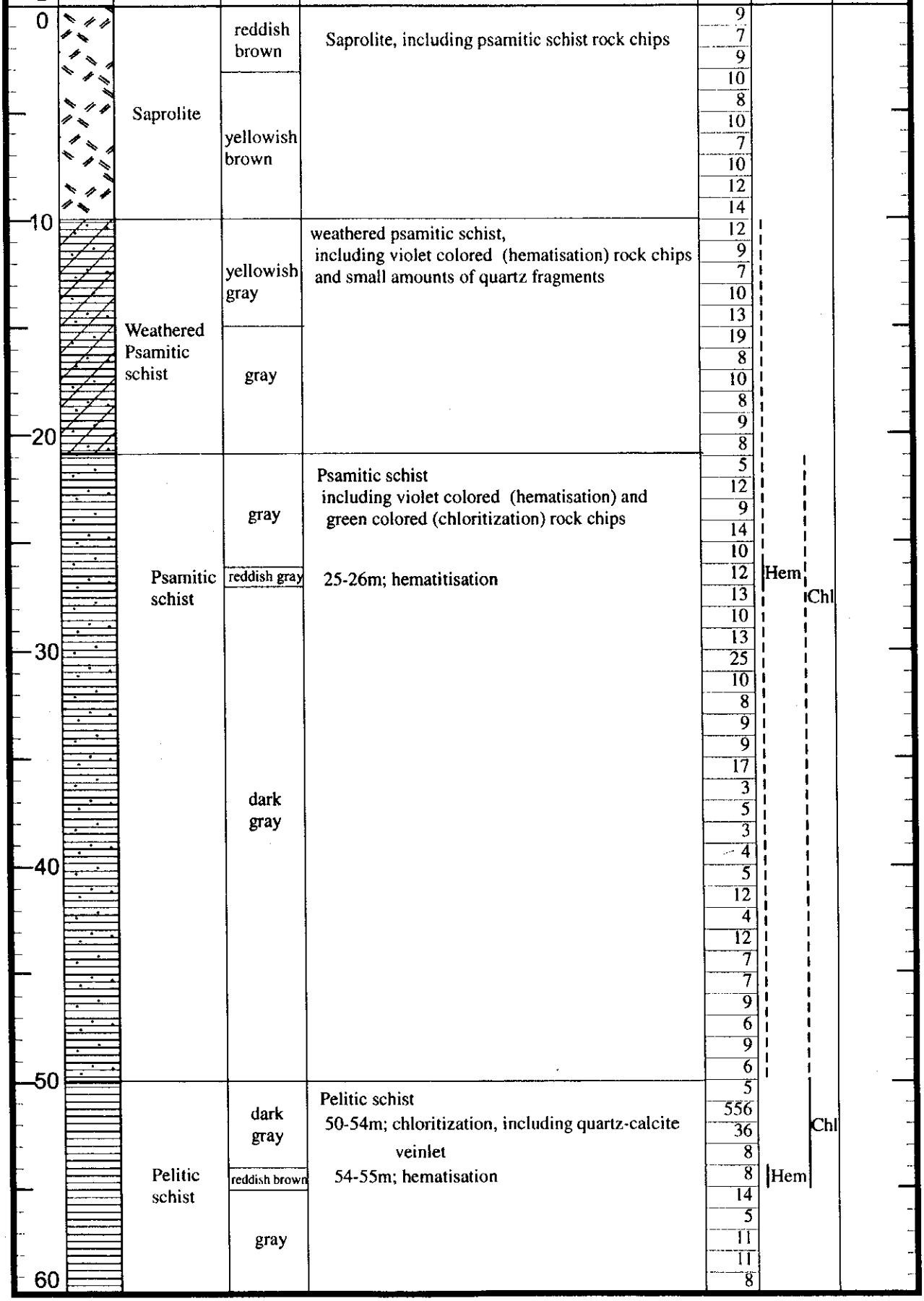
site: MDRC-11 Depth (m): 60m Location (UTM): E693800 N1333750

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0–25	Weathered Psamitic schist	yellowish brown	Weathered psamitic schist, strongly weathered (0-5m), Psamitic schist chips are brown colored with quartz grains included into silicious fine grained cement.	6, 349, 12, 13, 7, 5, 9, 7, 14, 16, 16, 15, 11, 15, 13, 13, 10, 17, 122, 23, 13, 9, 11, 13, 134		
25–30	Psamitic schist	brownish violet	Psamitic schist, strongly hematisation	12, 5, 7, 10, 8, 22, 11	Hem	
30–40	Psamitic schist	greenish gray	Psamitic schist with quartz grain including into chlorite and silicious cement	8, 19, 28, 13, 11, 13, 11, 12, 8	Chl	
40–42	Pelitic schist	greenish gray	Pelitic schist, chlorite-sericite schist	12, 16, 12	Chl-Ser	
42–50	Psamitic schist	greenish gray	Psamitic schist	10, 9, 90, 9, 9, 99, 10, 15, 11	Chl	
50–60	Pelitic schist	greenish gray	Pelitic schist, chlorite-sericite schist, including white quartz fragments (d; <20mm)	8, 7, 12, 9, 8, 9, 13	Chl-Ser	

site: MDRC-12 Depth (m): 60m Location (UTM): E693877 N1333814

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered psamitic schist	yellowish brown	Weathered psamitic schist	16, 12, 33, 26		
	Weathered pelitic schist	greenish gray	Pelitic schist, chlorite-sericite schist 5-6m; including white quarts vein (w; 10mm)	15, 11, 8, 18, 20, 7, 4		
10	Weathered psamitic schist	brownish gray	Weathered psamitic schist 8-9m; including quarts vein (w;10mm)	15, <1, 18		
	Weathered pelitic schist	greenish gray	Weathered pelitic schist	8, 6, 7		
	Psamitic schist	brown	Weathered psamitic schist, partly pelitic schist slightly weathered, hematisation and very local epidotisation	18, 4, 1, 12, 9, 7, 8, 9, 4, 10, 8, 14, 9	Local Epd	
30		brownish violet	Weathered psamitic schist, hematisation	8, 6, 7, 10	Hem	
		greenish gray	Psamitic schist, chloritisation and epidotisation and hematitisation	47, 34, 7, 5, 7, 5, 7, 4, 6, 4, 6, 8, 7, 6, 3, 121, <1	Chl-Epd	
50	Dioritic intrusion	greenish gray	Dioritic intrusion, slightly deformed dioritic intrusion	3, 65, 62, 7, 24, 4, 6		
60	Pelitic schist	greenish gray	Pelitic schist	62, 5		

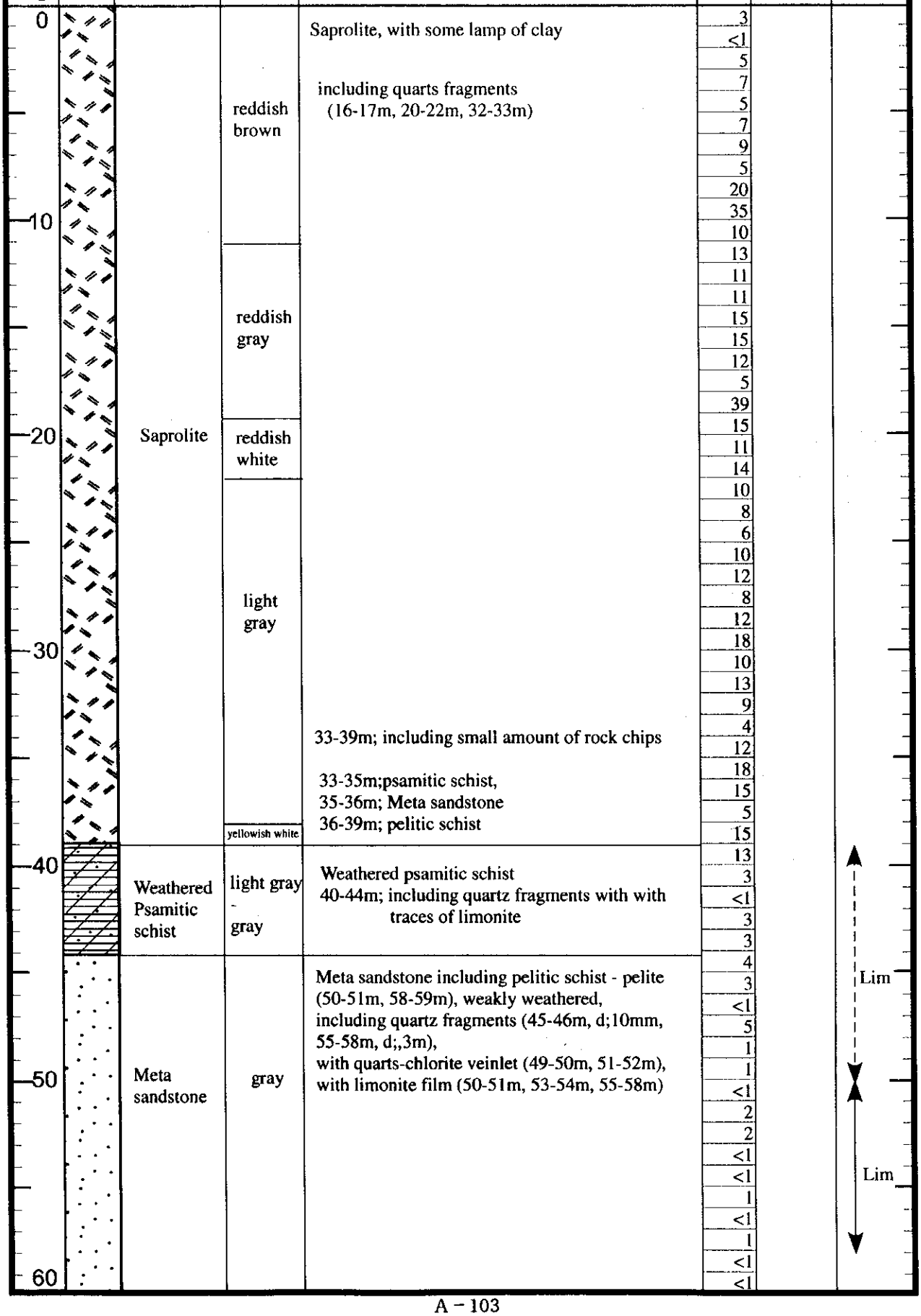
site: MDRC-13 Depth (m): 60m Location (UTM): E693953 N1333879



site: MDRC-14 Depth (m): 60m Location (UTM): E694030 N1333943

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Saprolite	brown	Saprolite including white - brown colored clay mass (d; 3-10mm)	16 9 17 9		
		reddish brown		4 3 92 4 1		
10		yellowish gray	15-16m; including quartz veinlet (w; 3-5mm)	4 4 <1 <1 <1 <1 4 18 241		
20	Weathered pelitic schist	yellowish white	Weathered pelitic schist, with traces of limonite dissemination and film, including some quartz veinlet	70 <1 5 21 9 6 6 3 <1 5 4 5 6 4 <1 6 8		Lim
30						
40	Psamitic schist	gray	Psamitic schist, with traces of limonite film and hematite dissemination	8 2 8 7 2 4 4 4 6 4 4 5 9 8 9 12 10		Hem
50						
60	Pelitic schist	dark gray	Pelitic schist	6 18 10 13 7 9 100 10		

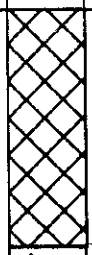
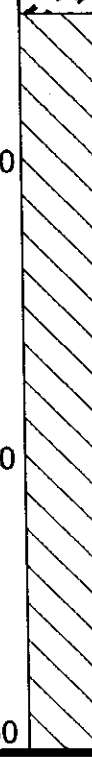
site: MDRC-15 Depth (m): 60m Location (UTM): E694106 N1334007



site: MDRC-16 Depth (m): 60m Location (UTM): E693753 N1332405

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	7 5 42 13 10 10 10 12 7 8 3		
10	Saprolite	reddish yellow	Saprolite, no rock chips	5 3 1 5 8 2 6 7 <1		
20	Saprolite	yellow	Saprolite, no rock chips	6 <1 1 12 6 8 10 7 1 8 10		
30	Clay	light greenish gray	Clay, no chips	2 10 10 9 11 11 8 8 11 7 11 39 25 18 9 14 3		
50	Weathered sedimentary rock	light gray	Strongly weathered sedimentary rock, (including small amounts of rock chips) with hematite film, including veinlet (quarts?) with hematite	15 12 7 7 9 10 11 10 9 5 4 38		Hem
60						

site: MDRC-17 Depth (m): 60m Location (UTM): E693830 N1332470

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Cuirass	reddish brown	Cuirass, including laterite crust fragments	21 22 38 28 34 38 31 22		
10		Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	26 26 31 25 23 21 14		
20		Mottled zone	reddish yellow	Mottled zone, including iron gravel and lamp of clay	16 19 21 17 26 25 28		
30		Saprolite	yellow	Saprolite 22-24m; including some lamp of clay	15 25 14 20 10 11 29 31 26 28 48 21 24		
40		Clay	greenish yellowish gray	Clay including some lamp of clay (strongly weathered sedimentary rock?)	21 20 27 694 43 7 8 16 17 19 16 19 18 19 23 82 41 24 63 32 34 35 31 23 14		
50							
60							

site: MDRC-18 Depth (m): 60m Location (UTM): E693907 N1332534

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	16 18 12 10 9 14 17 13 16		
10		Saprolite	reddish yellow	Saprolite, no rock chips	21 52 15		
			reddish brown		13 15		
			reddish yellow		7 10		
20			reddish gray		6 6 6 8 15 5 16 6 7		
30			light yellow - yellow gray	Saprolite including some lamp of clay (origin is sedimentary rock?). 28-29m; including quartzite fragments	10 24 9 11 12 9 9 13		
40		Clay	light greenish gray	Clay including some lamp of clay (strongly weathered sedimentary rock?)	9 17 6 10 17 5 16 1 93 5 10 14 1 8 5 3 1 228		
50		Weathered psamitic schist	light gray	Weathered sedimentary rock including small amount of rock fragments, rock fragments; psamitic schist, sandstone and pelitic schist	4 4 5 5 22 5		
60			yellowish white	57-60m; with limonite film	5 2 10		

site: MDRC-19 Depth (m): 60m Location (UTM): E693983 N1332598

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	12, 28, 15, 11, 8, 5		
	Saprolite	reddish gray	Saprolite, no rock chips	6		
		reddish brown		5, 1, 2, 127, 59		
10		reddish gray		123		
		reddish yellow		4, 7, 5		
		reddish gray		6, 9, 6, 2		
20		light yellow - reddish gray		12, 9, 10, 9, 8, 12, 6, 6, 4, 6, 12, 83, 6, 14, 29, 8, 5		
	Weathered sandstone	brown	Weathered Sandstone, hematisation	20, 17, 39	Hem	
40	Weathered pelitic schist	reddish yellow	Weathered pelitic schist, partly psamitic schist, with limonite (film and dissemination) 44-45m; including quartz fragments (d;15mm)	10, 5, 3, 10, 8, 3, 5, 4		Lim
		yellowish white		7		
50		greenish gray	52-53m; including quartz fragments (d;30mm)	3, 5, 3, 5, 5, 6, 2, 9, 4, 4, 6		
60						

site: MDRC-20 Depth (m): 60m Location (UTM): E694060 N1332663

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	6 7 12 30		
10		Saprolite	reddish brown - reddish gray	Saprolite	16 34 4 4 10 22 4 7 25 16 39		
20			yellowish gray - light gray	18-23m; including some rock chips rock chips; silicified sandstone	22 16 21 24 31 4 9 <1 1 5 1 4 10 43		
30			light gray	Saprolite, including small amounts of weathered psamitic schist	12 13 7		
40		Clay	greenish gray	Clay	4 8 10 10 15 8 8		
			yellowish gray	39-41m; including some lamp of clay	16 47		
50			greenish gray		11 27 13 11 16 11 9 9 6 10		
			gray	51-53m; including some quartz fagments	24 12		
60		Psamitic schist	gray	Psamitic schist, partly pelitic schist (56-57m) weakly silicified, with limonite film 54-55m; quartz veinlet with limonite 58-59m; quartz veinlet (cut schistosity, 1mm)	17 12 14 171 25 3 17	Si	Lim

site: MDRC-21 Depth (m): 60m Location (UTM): E694136 N1332727

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Carapace	reddish brown	Carapace, including laterite crust fragments and iron gravel.	3610		
					125		
		Mottled zone	brown	Brown colored clay including also small amount of white clay	406		
					1283		
		Saprolite	brown - yellowish brown	Saprolite, no rock chips including quartz vein (1-10mm)	99		
					1092		
					68		
					111		
					178		
10					569		
			yellowish brown	Saprolite, no rock chips 10-13including quartz veinlet (<3mm)	177		
					42		
					44		
					45		
					368		
					137		
					224		
					165		
					209		
20					402		
					452		
		Strongly Weathered sedimentary rock	greenish gray	Strongly weathered sedimentary rock? including local quartz veining with some mm diameter quartz veinlet. (22-23m, 27-34m, 39-46m, 59-60m)	877		
					598		
					133		
					89		
					104		
					124		
					83		
					112		
					80		
30					86		
					121		
					70		
					123		
					59		
					76		
					158		
					84		
					162		
40					41		
					116		
					300		
					760		
					101		
					68		
					43		
					140		
					96		
					100		
50					44		
					112		
					67		
					66		
					31		
					100		
					98		
					76		
					67		
60					178		
					50		

site: MDRC-22 Depth (m): 60m Location (UTM): E694213 N1332791

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Saprolite	reddish gray	Saprolite	75		
					22		
					40		
					22		
				4-6m; including some silicified rock fragments	7		
					11		
					14		
					7		
					15		
10					13		
					23		
					18		
			reddish gray - reddish brown		6		
					13		
					27		
					85		
					47		
			brown		18		
		Strongly weathered sedimentary rock	greenish gray	Strongly weathered sedimentary rock? including some lamp of clay	10		
					17		
20					21		
					20		
					17		
					62		
					32		
					27		
					12		
					3316		
					905		
					536		
30		Weathered pelitic schist	gray	Clay including weathered pelitic schist rock fragments with traces of limonite film	142		
					82		
					55		
					40		
					28		
					19		
					43		
					42		
					11		
					36		
					68		
40					76		
					66		
		Meta sandstone	gray	Meta sandstone, partly psamitic schist. weakly weathered with trace limonite dissemination, film and patch (origin pyrite?)	36		
					68		
					93		
					406		
					436		
					1567		
					197		Lim
50					13		
					236		
					122		
					407		
			dark gray	Meta sand stone and psamitic schist, weakly silicified with pyrite dissemination and patch, with trace limonite film	144		
					96		
					248		
					4650	Si	Py
					281		
60					347		

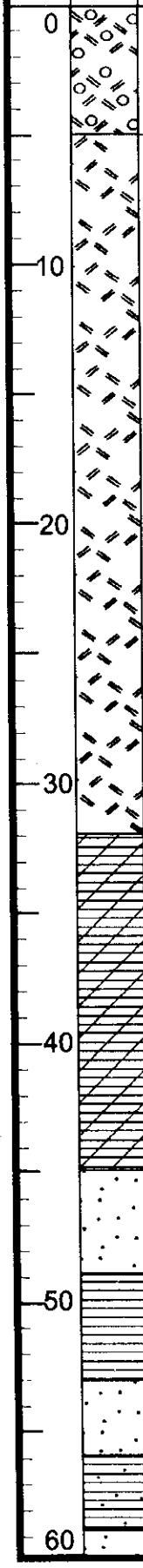
site: MDRC-23 Depth (m): 60m Location (UTM): E694290 N1332855

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Saprolite	reddish brown	Saprolite including smoky quartz and strongly silicified rock fragments; some quartz with limonite (pyrite origin?)	1137		
				13		
				10		
				19		
				15		
		light gray		10		
				11		
				8		
				12		
				8		
10				6		
	Weathered sandstone	gray - light gray	Weathered sandstone including quartz fragments (12-13m, 21-22m, 255-26m)	10		
				9		
				130		
				5		
				5		
				<1		
				5		
				10		
20				12		
				10		
				15		
				9		
				36		
				103		
				131		
				9		
				9		
				10		
30				11		
				6		
				25		
				8		
				29		
	Psamitic schist	gray	Psamitic schist, weakly weathered with limonite film and dissemination and partly hematite dissemination	18		
				4		
				7		
				3		
				85		Lim
				14		
40				16		
				8		
				9		
	Meta sandstone	gray	Meta sandstone	9		
				10		
				4		
		reddish brown	Strongly hematitised sandstone with a trace of mica 46-47m; including quartz fragments	7		
				4	Hem	
				10		
50		dark gray	Meta sand stone, weakly silicified with limonite and hematite film	24		
				14		
				54		
				37		
				47	Si	
			including quartz fragments (55-59m) weakly hematisation (55-56m) chloritization (57-58m)	16		Lim & Hem
				16	Hem	
				24		
				6	Chl	
60				11		
				98		

site: MDRC-24 Depth (m): 60m Location (UTM): E694366 N1332920

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Saprolite	reddish brown	Saprolite including some lamp of clay	13		
					11		
					11		
					12		
					8		
					6		
					22		
					12		
					6		
					7		
10					6		
					12		
					24		
					10		
					7		
					7		
					10		
					15		
			light gray		9		
					12		
20					74		
					3		
					20		
					10		
					13		
					86		
					55		
		Weathered pelitic schist	light gray - gray	Weathered pelitic schist, partly meta sand stone (28-29m)	<1		
					6		
					3		
30					5		
				32-33m; including quartz fragments	1		
					4		
		Weathered psamitic schist	gray - yellowish gray	Weathered psamitic schist	5		
					1		
					1		
					4		
		Psamitic schist	light gray - gray	Psamitic schist, weakly hematisation	2		
					1		
					2		
40					2		
					4		
					2		
					6		
		Pelitic schist	gray - reddish gray	Pelitic schist, weakly hematisation	7	Hem	
					3		
					16		
					4		
					4		
50					19		
					4		
		Psamitic schist	gray	Psamitic schist	6		
					14		
			gray - reddish gray	53-57m; weakly hematisation	6		
					32	Hem	
					8		
					7		
				57-59m; with hematite film	7		
			gray		8		
60				59-60m; with small amount of mica	4		

site: MDRC-25 Depth (m): 60m Location (UTM): E694443 N1332984



depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Mottled zone	reddish brown	Mottled zone, saprolite including some laterite crust fragments.	11		
				9		
				10		
				70		
				21		
	Saprolite	reddish gray	Saprolite including some lamp of clay	24		
				64		
				28		
				20		
10				11		
				9		
				9		
				12		
				19		
				13		
				12		
				12		
				19		
				4		
20		brownish gray		9		
				4		
		reddish gray		6		
				10		
				11		
				10		
				5		
		light gray	28-32m; including some silicified rock chips	5		
				7		
				10		
30				7		
				<1		
				3		
	Weathered pelitic schist	greenish gray - gray	Weathered pelitic schist, partly Meta sandstone (37-38m), with limonite and hematite film	7		
				3		
				9		
				<1		
				5		
				23		
				6		
40				4		
				7		
				7		
				5		
				5		
				2		
	Meta sandstone	gray	Meta sandstone, including pelitic schist (46-47m), weakly silicified 45-46m; with hematite dissemination 47-48m; including quartz fragments	11		
				6		
				5	Si	
				10		Hem
50	Pelitic schist	greenish gray	Pelitic schist, with traces of hematite film and dissemination	7		
				3		
				3		
				7		
	Meta sandstone	gray	Meta sandstone with small amount of mica, weakly silicified	8		
				2	Si	
				2		
	Psamitic schist	greenish gray	Psamitic and pelitic schist	6		
				2		
				15		
60	Meta sandstone	gray	Meta sandstone with small amount of mica	9		

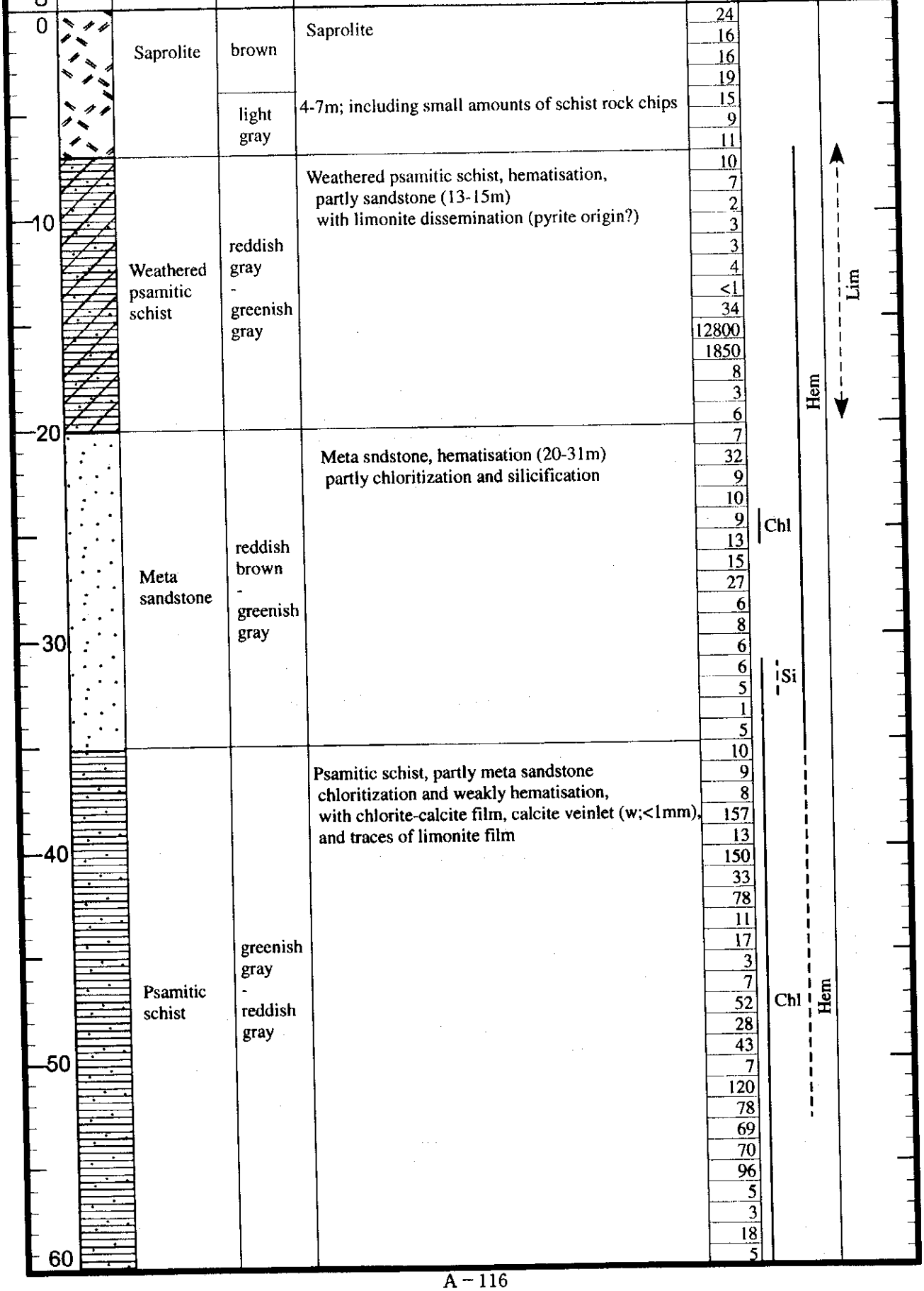
site: MDRC-26 Depth (m): 60m Location (UTM): E693738 N1333046

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Saprolite	yellow	Saprolite	798		
				22		
				27		
				17		
				38		
				34		
				49		
		light gray	7-10m; including same silicified and iron oxide rock fragments	11		
				12		
				14		
10	Weathered psamitic schist	light yellow	Weathered psamitic schist	17		
		light gray	12-19m; weakly hematisation	10		
				9		
				1340		
				344		
				198		
				31		
		yellowish gray		9		
				19		
20		yellow		15		
				11		
		light gray		9	Hem	
				12		
				3		
			25-26m; with trace mica, weakly hematisation	9		
				6		
	Meta sandstone	gray	Meta sandstone, weakly hematisation, with limonite-hematite-chlorite(?)-calcite(?) film	16		
				12		
				17		
30	Psamitic schist	light gray - gray	Psamitic schist	21		
			29-37m, with mica, weakly iron oxide	18		
				10		
				7	Iron-Ox	
				13		
				36		
				10		
				38		
		reddish gray - gray	37-42m; weakly hematisation	9		
				57		
40				667	Hem	
				9		
				31		
		light gray		1		
				4		
				8		
	Meta sandstone	gray	Meta sandstone, very fine grained, weakly chloritization, with trace hematite dissemination	8		
				5		
				6	Chl	Hem
				5		
50				6		
	Mica schist	dark greenish gray	Mica schist, biotite is concordant with schistosity, (origin is pelitic schist?)	8		
				8		
				5		
				14		
				5		
				3	Bio	
				7		
				8		
				20		
60				12		

site: MDRC-27 Depth (m): 60m Location (UTM): E693815 N1333110

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Saprolite	reddish gray - yellowish gray	Saprolite 4-8m; including smoky quartz and silicified rock fragments (d; 10-20mm)	26 14 11 14 9 8		
			light gray	10-13m; including silicified rock fragments	10 13 14 11 13 14 13 18		
10		Weathered sandstone	gray - reddish gray - yellowish gray	Weathered sandstone, partly psamitic and pelitic schist 14-28m; weakly hematisation, with trace hematite and limonite dissemination and film, including smoky quarts fragments (17-18m, 23-24m, 27-28m) 18-19m; including iron oxide (?) schist	10 12 9 12 13 11 14 15 14 14 11 15 14 14	Hem	
20			light gray		17		
30			gray - reddish gray	29-32m; with limonite dissemination, including silicified rock fragments 32-39m; weakly hematisation, with biotite	19 10 13 10 13 16 15 12 14 13		
40		Weathered psamitic schist	gray - reddish gray	Weathered psamitic schist with trace mica and mica schist, weakly hematisation	36 9 7 11 11	Hem	
		Psamitic schist	greenish gray - reddish gray	Psamitic schist, weakly chloritization and hematisation	12 15 8		
50		Pelitic schist	light gray - greenish gray	Pelitic schist, including weakly chloritized and hematized psamitic schist	10 10 9 17 10	Chl	
		Psamitic schist	greenish gray	Psamitic schist, chloritization and weakly hematisation 56-57m; including mica schist	6 24 11 10 11 1890 2350 54		
60							

site: MDRC-28 Depth (m): 60m Location (UTM): E693892 N1333174



site: MDRC-29 Depth (m): 60m Location (UTM): E692560 N1334450

depth (m)	Lithology	color	Description	Au (ppb)
0	Saprolite	yellowish gray	Saprolite including some lamp of clay	34, 16, 13, 11, 8, 18, 11, 18, 13, 12, 15, 29, 11, 22, 21
20	Strongly Weathered sedimentary rock	yellowish greenish gray	Strongly weathered sedimentary rock? including some lamp of clay	28, 12, 8, 177, 7, 7, 6, 5, 7, 6, 6, 4, 3, 7, 5
30	Weathered Psamitic schist	yellowish white	Weathered psamitic schist including pelitic schist	5, 8, 5, 6, 7
40	Psamitic schist	gray	Psamitic schist, partly meta sandstone (very fine grained), weakly weathered, with limonite 38-40m; including quartz fragments with limonite	7, 5, 2, 6, 7, 55, 12, 8
50	Pelitic schist	dark gray	Pelitic schist, partly pelite and sandstone, weakly silicified, with pyrite patch and dissemination (<1%)	13, 9, 11, 13, 10, 11, 10, 61, 14, 27, 12, 8, 14, 9, 11, 14, 16
60				

Alteration: Si

Mineralization: Lim, Py

site: MDRC-30 Depth (m): 60m Location (UTM): E692637 N1334514

depth (m)	column	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0		Mottled zone	light gray / reddish brown	Mottled zone, including laterite crust fragments and iron gravel	31, 86, 44		
		Saprolite	yellowish white	Saprolite 3-9m; including smoky-transparent quartz fragments (d; <15mm)	23, 20, 25, 21, 27, 19, 17		
10		Strongly Weathered sedimentary rock	yellowish greenish gray	Strongly weathered sedimentary rock? including some lamp of clay 16-20m; including quarts vein and fragment with limonite 24-26m; including quartz fragment (d; <10mm) 32-34m; including quartz fragments with hematite patch (d; <15mm)	37, 44, 32, 13, 10, 31, 9, 18, 16, 14, 64, 0, 19, 3, 6, 2, 2, 103, 7, 5, 6, 12, 22, 12, 3, 5		
40		Weathered Psamitic schist	light gray	Weathered psamitic schist, with hematite and limonite film	1, 34, 43, 4, 19, 15, 21, 17		Hem & Lim
			light gray - yellowish gray	44-48m; including pelite	18, 14, 16, 17		
50			gray	48-52m; including meta sandstone	55, 14, 16, 22		
		Meta sandstone	black	Meta sandstone, weakly silicified 52-55m; with pyrite dissemination (<1%) and patch 57-60m; with pyrite dissemination (<1%)	17, 50, 41, 783, 13, 11, 10, 9	Si	Py Py
60							

site: DRC-2 Depth (m): 60m Location (UTM): E693100 N1334250

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered Psamitic schist	yellowish gray	Weathered Psamitic schist with quartz fragments (d; 5mm)	42 40 19 2		
	Psamitic schist	gray - reddish gray	Psamitic schist, weakly hematisation, with limonite film (pyrite origin?)	32 52 820 770 1090		Lim (Py?)
10			9-10m; including quartz veinlet (2mm) with limonite and quarts fragments (d; 6mm)	18 34 286		
		gray		1537 170		
	Pelitic schist	gray	Pelitic schist	221 932		
	Sandstone	gray	Sandstone with limonite dissemination	9		
	Pelitic schist	gray	Pelitic schist, mica concordant with schistosity, with limonite film and hematite dissemination	13 5 10		Lim & Hem
20			19-20m; quartz fragments and veinlet with limonite	9 6		
	Psamitic schist	gray	Psamitic schist	6 49 4 112 78		
			28-29m; including quartz veinlet (7mm,1mm)	112 75 16		
30		gray ~ greenish gray	Psamitic schist, chloritized and weakly silicified including calcite and quartz veinlet with pyrite film	31 29 15 25 35 1640 390	Chl Si	
		dark gray ~ greenish gray	Psamitic schist, weakly chloritezed, with pyrite dissemination, including calcite-chlorite veinlet with pyrite film	1091 130 22 16		Py
40			41-45m; including some quartz veinlet (w; <5mm)	251 7 6 11 15 11 24 6		
			50-52m; including quartz veinlet (w; 4mm)	21 33 10 28 8 73 74 127		Py
50			57-60m; with pyrite and chalcopyrite patch	342 14 10		Ch-Py
60						

site: DRC-3 Depth (m): 60m Location (UTM): E693300 N1334250

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Weathered pelitic schist	greenish yellowish gray	Weathered pelitic schist, 0-2m; including some mm to 1cm diameter white quartz	7 3 8 4 3 1 3 14		
10	Weathered psamitic schist	greenish yellowish gray	Weathered psamitic schist	9 3 3 2		
	Psamitic schist	greenish gray - brown	Psamitic schist Showing sometimes very local hematisation and silicification with 1mm quartz veinlet.	3 5 7 2 2 6 4 2 <1 2 <1 <1 <1 4	Si Hem Chl-Epi	
20	Meta andesite	dark gray	Meta andesite, undeformed	<1 <1		
30	Pelitic schist	Black	Pelitic schist with 0-3% pyrite, Sulfide occurs like bellow. 1) weak dissemination 2) schistosity filling 3) joint filling together with calcite chlorite and minor quartz	2 1 2 20 2 48 3 1 2 <1 1 2 1 2 1 4 1 2 <1 1 10 1 <1 1 502 227 1 <1 <1 5 1 2		Py
40						
50						
60						

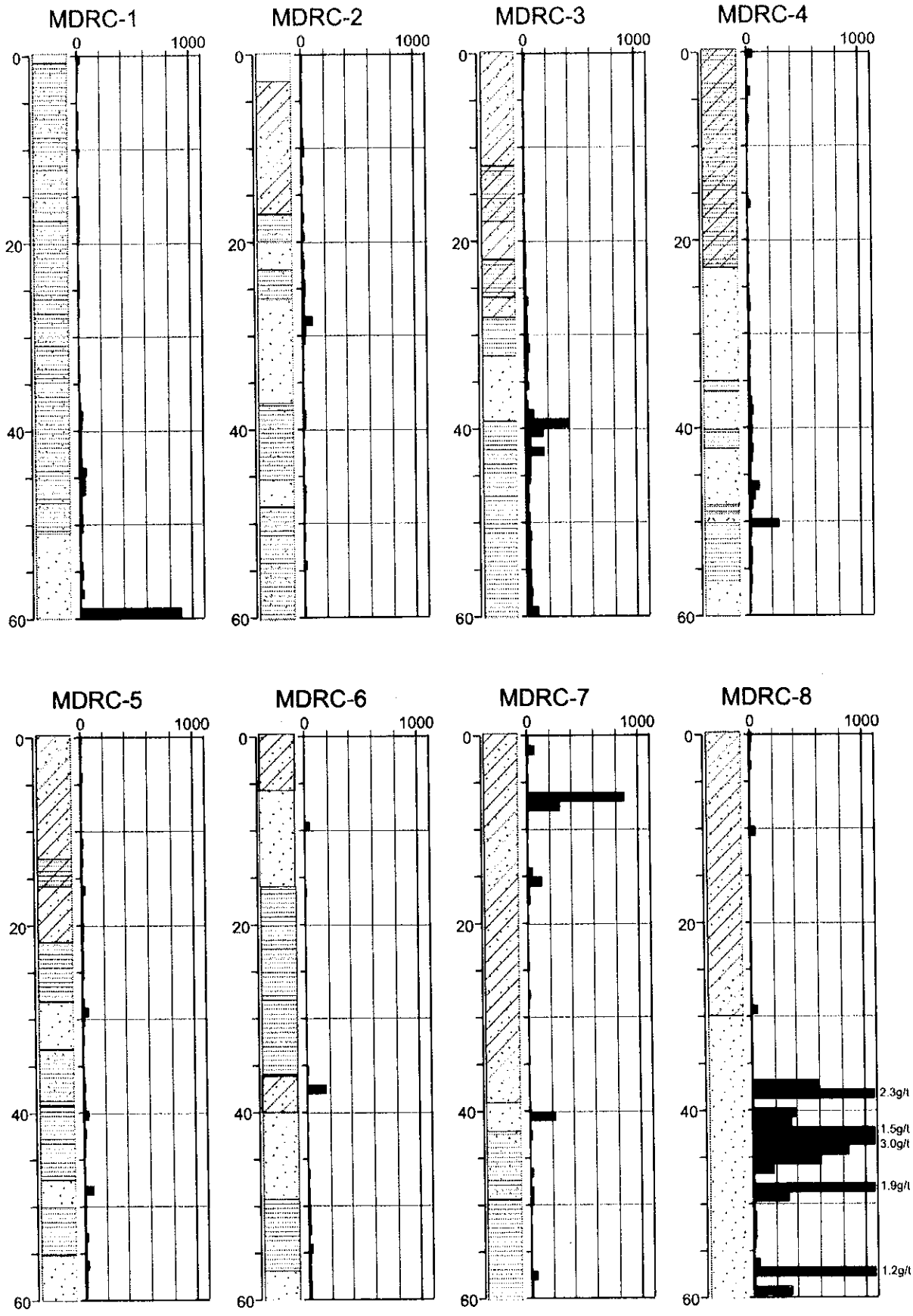
site: DRC-4 Depth (m): 60m Location (UTM): E693500 N1334250

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Saprolite	yellowish brown	Saprolite powder with amount no chips. (Saprolite of psamitic schist?)	1		
				<1		
				3		
				2		
				4		
				2		
				2		
				1		
	Weathered pelitic schist	Brownish gray	Weathered pelitic schist	11		
				1		
10	Weathered psamitic schist	Brown	Weathered psamitic schist, including some veinlet (diameter; 1mm)	1		
				1		
				1		
				<1		
				3		
				1		
				3		
	Weathered pelitic schist	greenish gray	Weathered pelitic schist	1		
				1	Hem	
	Weathered psamitic schist	Brown	Weathered psamitic schist, including more than 1cm diameter white quartz fragments	<1		
20				5		
	Pelitic schist	greenish gray	Pelitic schist, chlorite-sericite schist, including sometimes 1mm diameter quartz veinlet.	1		
				<1		
				<1		
				<1	Chl	
				5		
				3		
	Psamitic schist	Brown	Psamitic schist, with local hematisation and some chloritization	1		
				<1		
				<1		
30				1		
				2		
				1		
	Pelitic schist	greenish gray	Pelitic schist	30		
				1		
				2		
				1		
				1		
				3		
				1		
40	Psamitic schist	Brown - greenish brown	Psamitic schist, Showing sometimes microcongromeratic or brecciated texture. Alteration; chlorite-epidote-hematite	9		
				11		
				2		
				2		
				1		
				5		
				11	Chl-Epi-Hem	
				3		
				6		
				5		
50	Pelitic schist	greenish gray - brownish gray	Pelitic schist	18		
				8		
			52-60m; fractured and oxidized	9		
				12		
				7		
				8		
				4	Oxide	
				4		
			59-60m; including some mm diameter white quartz	2		
60				1		

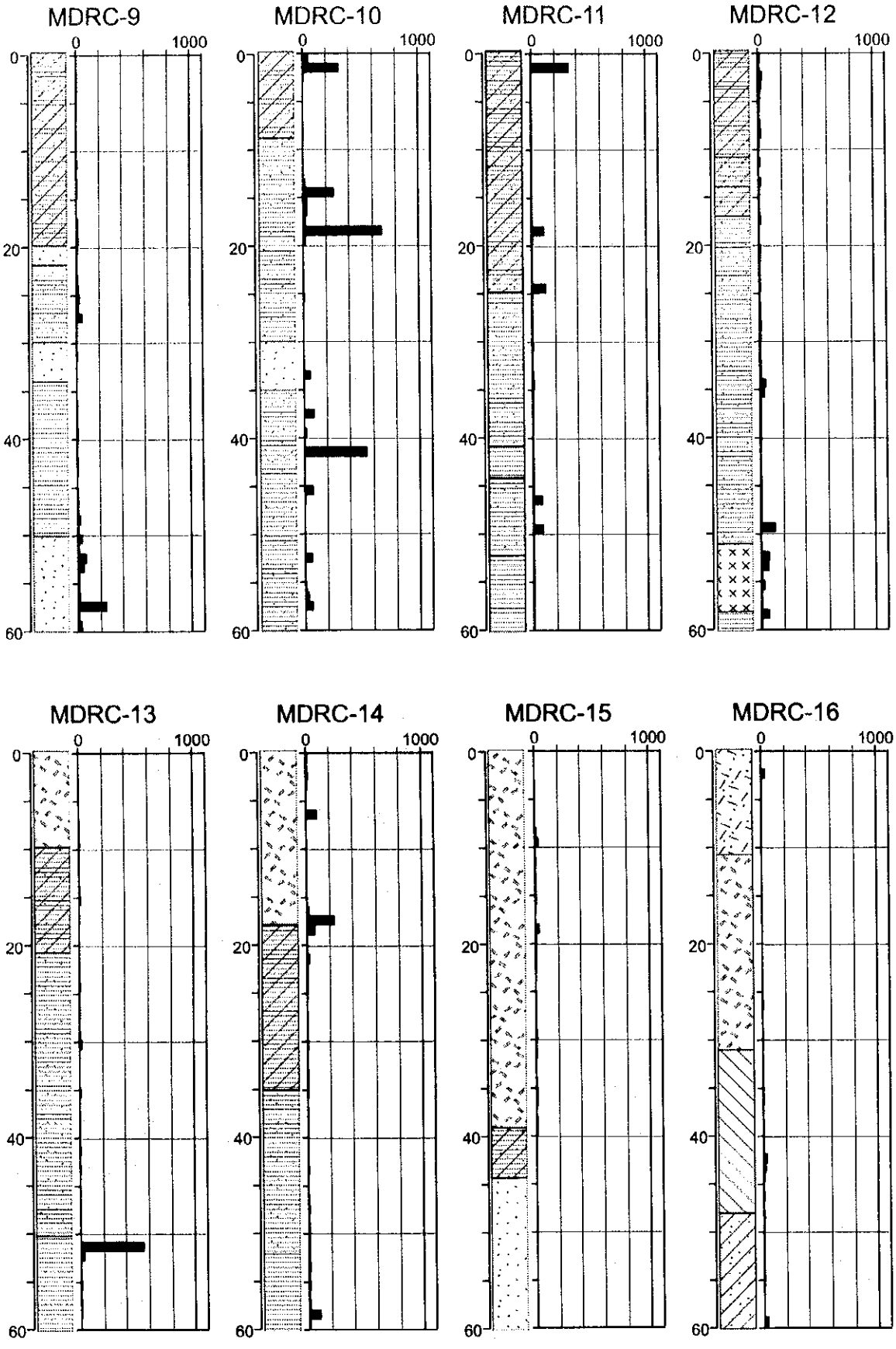
site: DRC-5 Depth (m): 60m Location (UTM): E693700 N1334250

depth (m)	Lithology	color	Description	Au (ppb)	Alteration	Mineralization
0	Saprolite	yellowish brown	Saprolite, including chips of deeply weathered and locally oxidized psamitic schist 3-4m; including quartz vein with hematite (some mm to 1cm diameter)	1085 2280 7380 2320 19500 24 8 9 8 125 10 8 6 13 6 18 4 2		
10	dioritic intrusive	gray	Weathered dioritic intrusive, equigranular textured chloritized and hematised, with chlorite veinlet	11 4	Chl	
20	Saprolite	yellowish brown - yellowish gray	Saprolite, including chips of deeply weathered and locally oxidized psamitic schist	13 16 13 11	Hem	
	Weathered psamitic schist	reddish gray	Weathered psamitic schist, with hematite dissemination	35 3 7		
30	Weathered pelitic schist	light reddish gray	Weathered pelitic schist (white mica schist)	20 18 14 12 8	Hem	
	Pelitic schist	gray - greenish gray	Pelitic schist (white mica schist), finely schistose 36-37m; Psamitic schist with hematite dissemination	20 9 14 15 19 8 30 28		
40	Psamitic schist	reddish gray - greenish gray	Psamitic schist 40-42m; Showing local chloritization 42-60m; Strong chloritization and some hematizaion and epidotization(?)	11 5 4 31 8 13 1 10 21 92 71 80 6 36 100 9 2 5 8 16	Chl Epi-Hem	
50						
60						

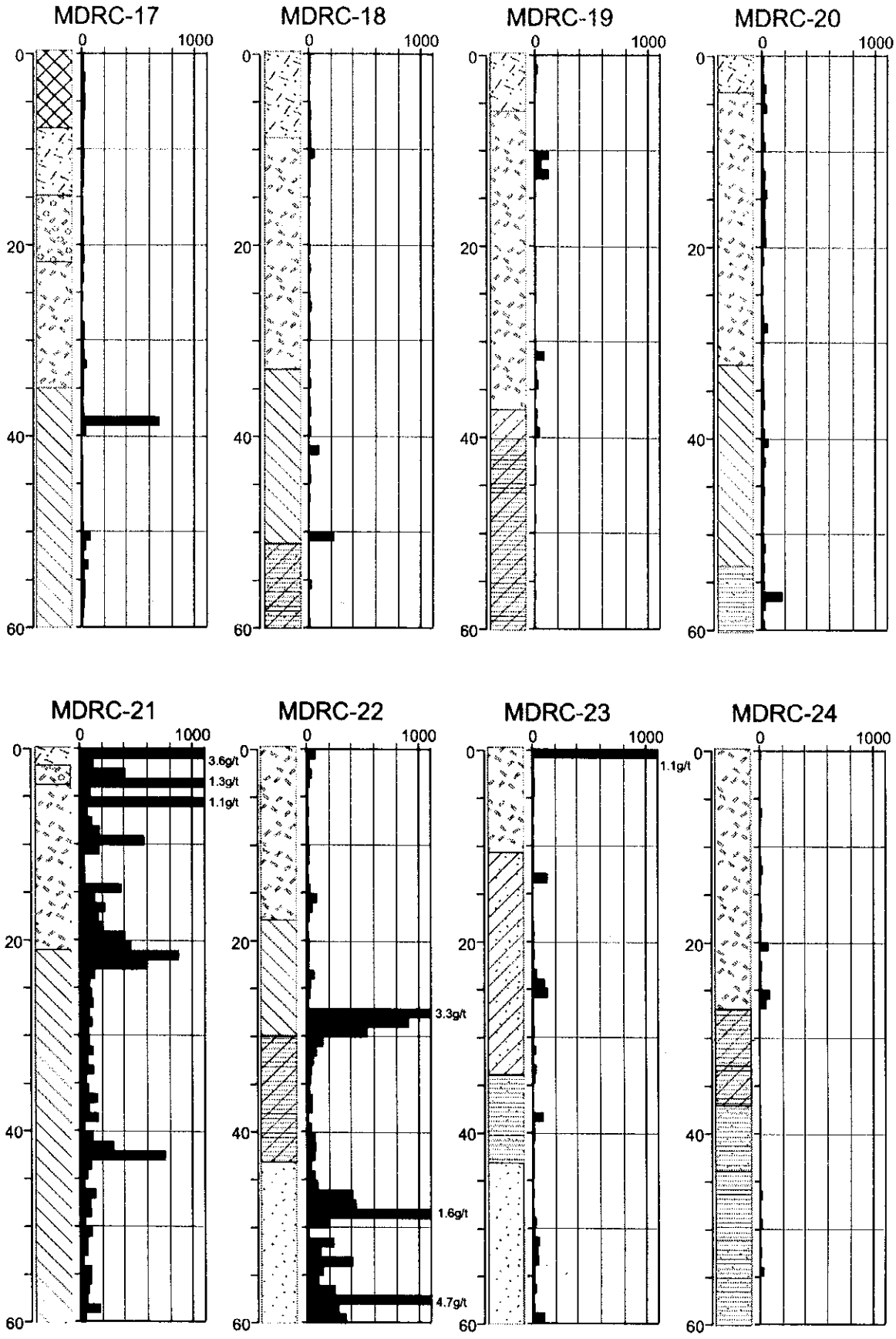
Ap.5　Au 濃集プロファイル（RC）



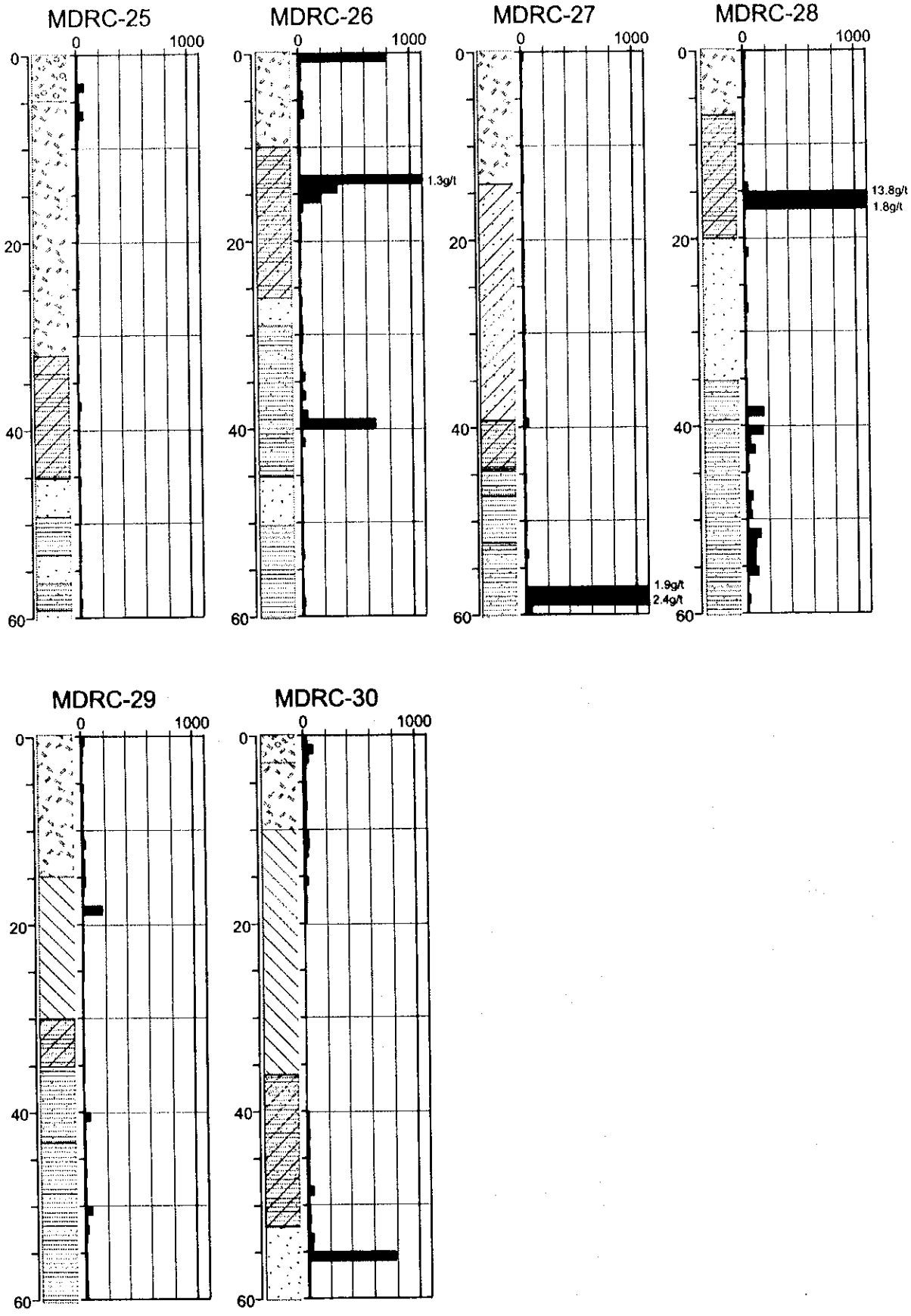
Summery of RC drilling (1)



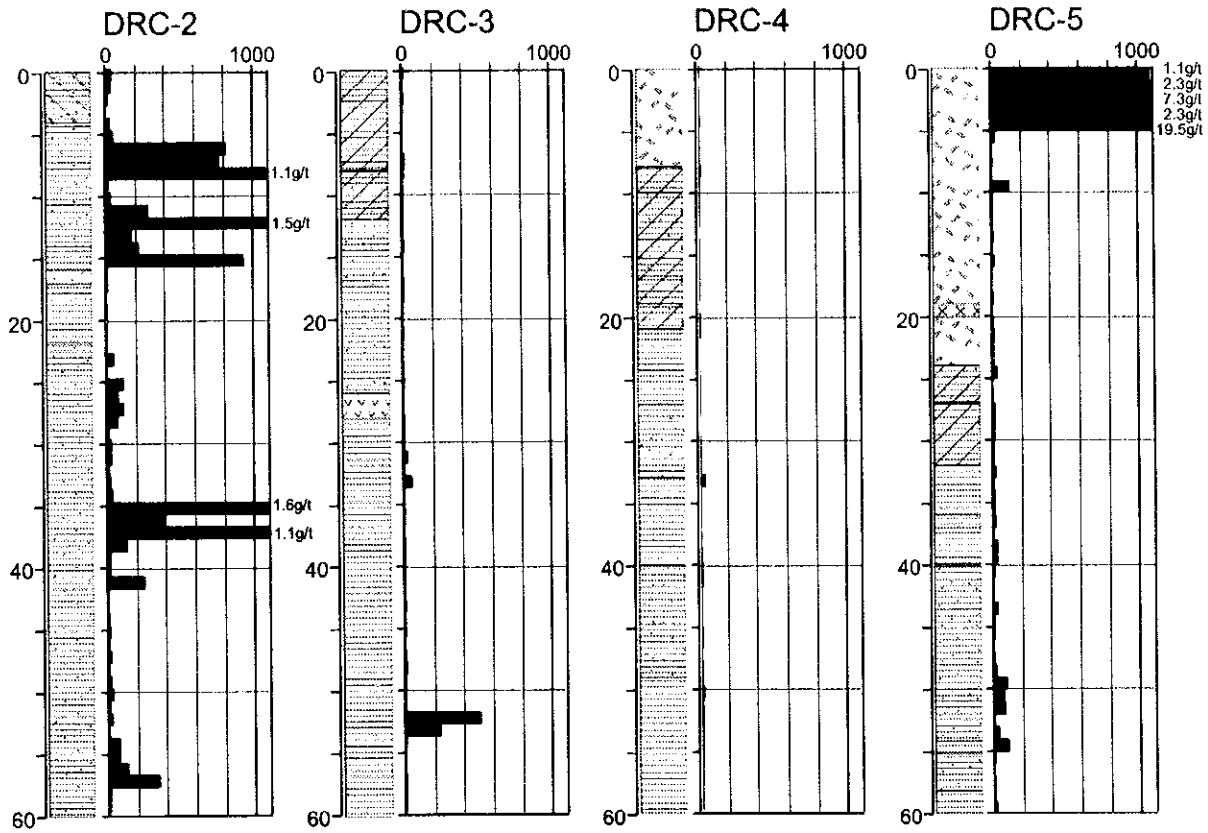
Summery of RC drilling (2)



Summery of RC drilling (3)



Summery of RC drilling (4)



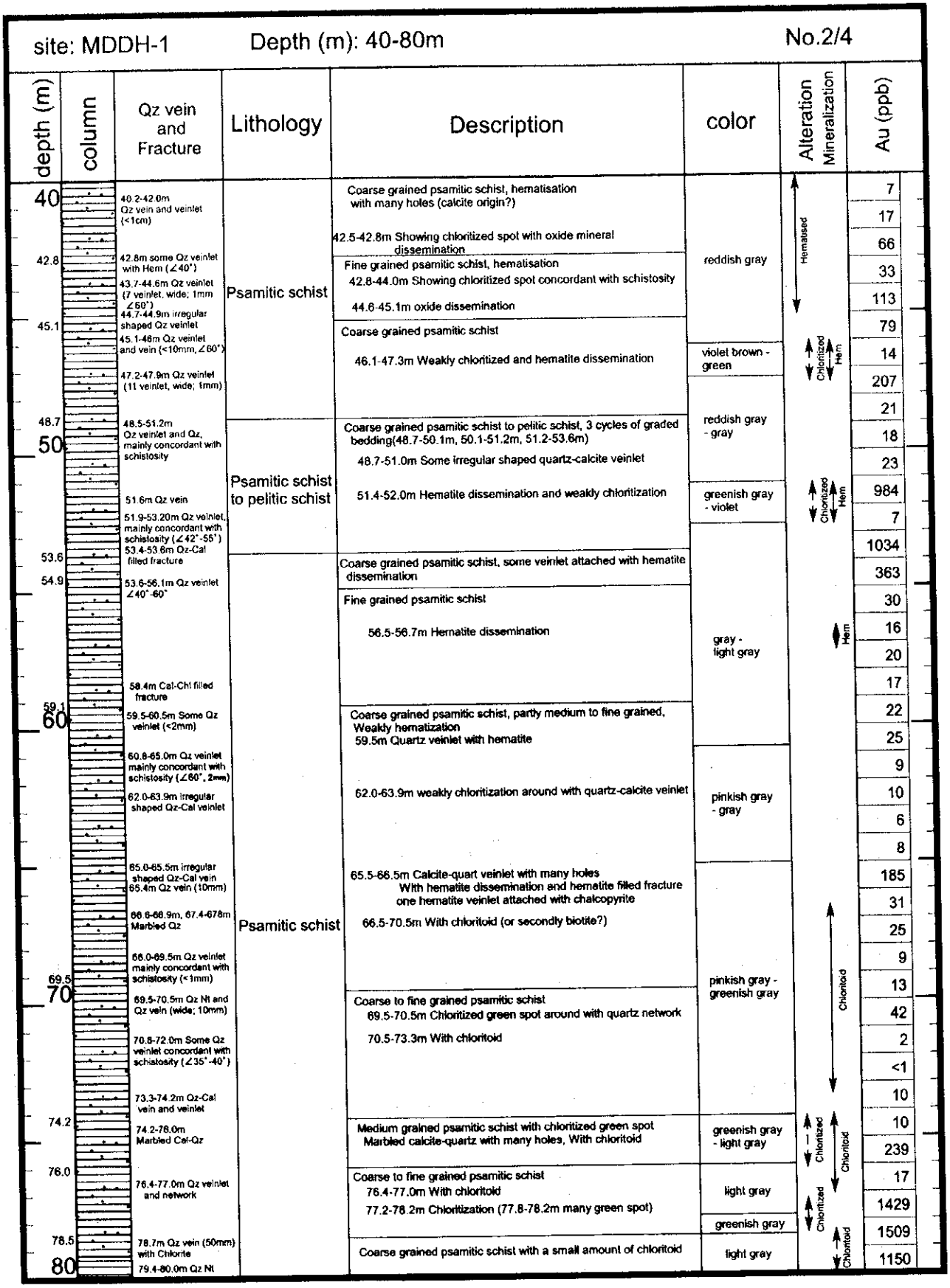
Summery of RC drilling (5)

Ap.6　DD 柱状図

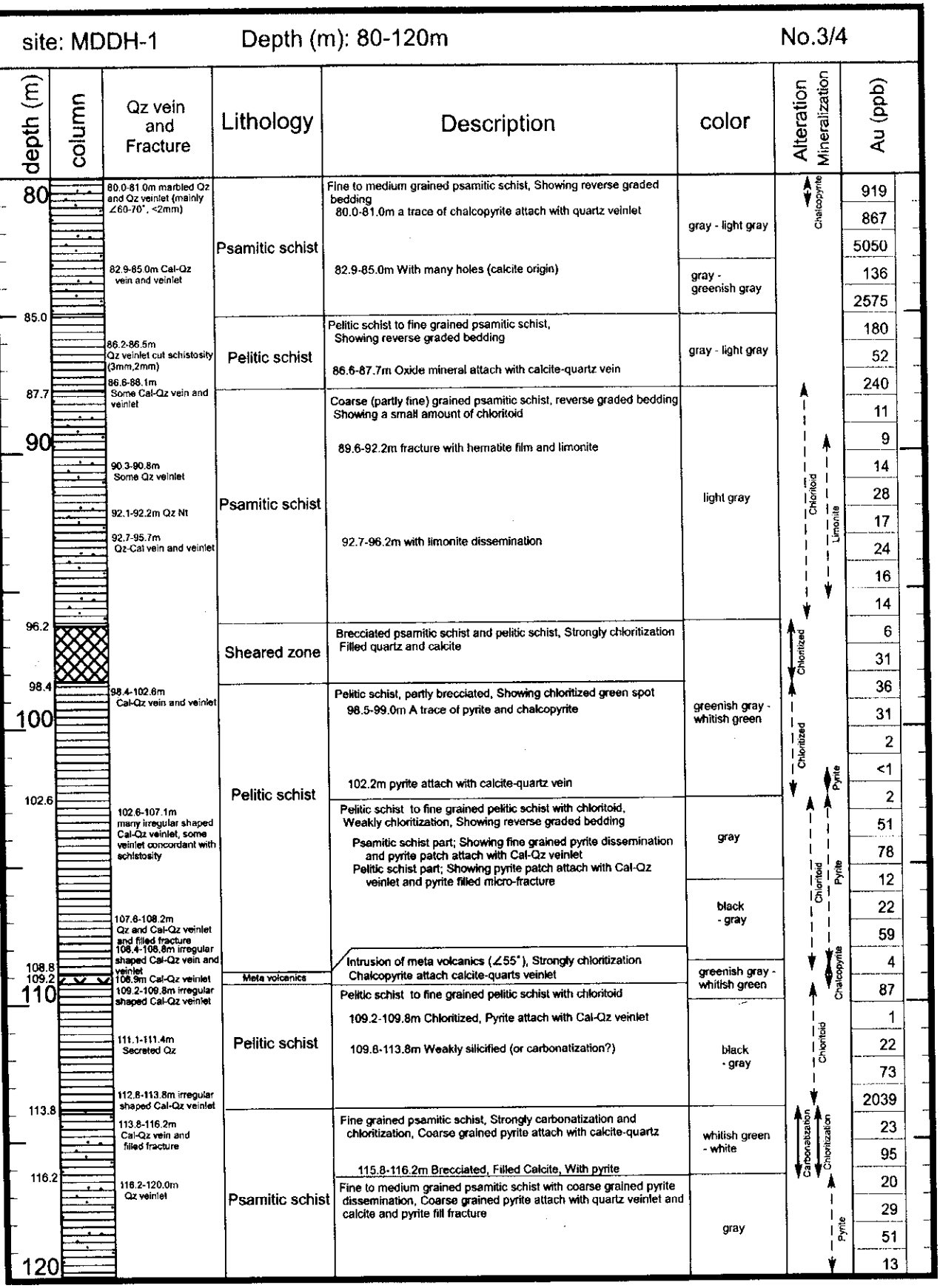
site: MDDH-1 Depth (m): 0-40m No.1/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Au (ppb)
0		Weathered psamitic schist	Strongly weathered coarse to fine grained psamitic schist Including secondly biotite concordant with schistosity, Hematization	yellowish brown	Hematised	8
			0.70m: Showing a large amount of oxide mineral			<1
	3.8,0, 3.95, 4.40, 4.50m Cal-Chl vein		4.50-4.70m: Qz-Chl vein accompany with strongly hematisation and oxide mineral			2
	4.5-4.7m Qz-Chl vein		5.10m: Oxide mineral dissemination			8
			5.40-5.80m Brecciated zone, Filled with Cal-Qz, With a large amount of oxide mineral			7
	7.2-7.5m, 7.6-7.7m Qz vein		6.60-7.20m: With a large amount of secondly biotite			10
			7.20-7.70m: Qz vein accompany with oxide mineral			4
8.80			7.70-8.8m: With rarely secondly biotite			5
10	8.8-11.4m Qz veinlet and Qz Nt	Psamitic schist	Coarse grained psamitic schist, Strongly hematization	reddish gray	Hematised	6
			8.80-11.40m: Qz network accompany with oxide mineral			23
			11.50-12.50m: With a large amount of secondly biotite			11
	12.5-13.0m Qz Nt		12.50-13.00m: Showing green spot (chloritized) around Qz network			6
			13.50-15.20m: Qz-Chl-(Cal?) fill fracture, With oxide mineral dissemination			13
	15.2-17.9m Irregular shaped Qz veinlet		15.20-17.90m Qz veinlet accompany with a small amount of oxide mineral			12
			17.90-19.20m Showing hematite dissemination around quartz network			14
	18.1-19.2m Qz Nt					12
19.20						14
20	20.3-20.4m, 20.5-20.6m 21.0m, 21.1m Irregular shaped Qz veinlet and vein		Fine grained psamitic schist			4
			19.20-20.10m Showing strongly oxide mineral dissemination around marbled quartz and calcite	gray - reddish gray	Oxide mineral	11
	21.3-23.2m Qz veinlet ∠50°		21.30-23.20m Quartz veinlet accompany with oxide mineral			8
						6
						2
23.20			Coarse grained psamitic schist, Showing some cycles of graded bedding, Hematised	reddish gray	Chloritized	13
			23.20-25.00m Showing chloritized spot around with smoky-transparent quartz vein			17
	25.4-25.9m Irregular shaped Qz		25.40-25.90m Quartz attached with oxide mineral		Hematised	15
	25.9-26.3m Qz veinlet (∠5°, wide: 5mm)		25.90-27.20m Quartz veinlet and calcite veinlet attached with oxide mineral			11
	26.5m, 26.6m 27.2m Cal-Chl veinlet					13
	26.1-26.2m Cal-Qz Nt					16
	27.5-29.0m Some Qz veinlet (∠40°)					12
			29.20-29.50m Showing chloritized spot around with calcite-quartz veinlet		Chloritized	9
30						20
	30.7-31.1m Some Cal-Chl veinlet		31.90-32.20m Chloritized	reddish gray - greenish gray		9
32.20		Sheared rock	32.20-32.70m Brecciated psamitic schist, Filled clay, calcite and quartz (∠45°)		Chloritized	11
32.70	33.1-33.5m 3 Qz vein (∠45°, wide: 10mm)		33.10-33.50m Showing chloritized spot around with quartz vein			<1
				greenish gray		<1
34.70	33.7-39.5m Some Qz veinlet		Fine grained psamitic schist, Showing chloritized spot		Chloritized	<1
36.00		Psamitic schist	Coarse grained psamitic schist			<1
			36.80-37.00m With hematite dissemination		Hem	3
37.50			Fine grained psamitic schist, Showing chloritized spot	yellowish gray - reddish gray	Chloritized	<1
40			39.50-40.00m Oxide mineral filled schistosity			2

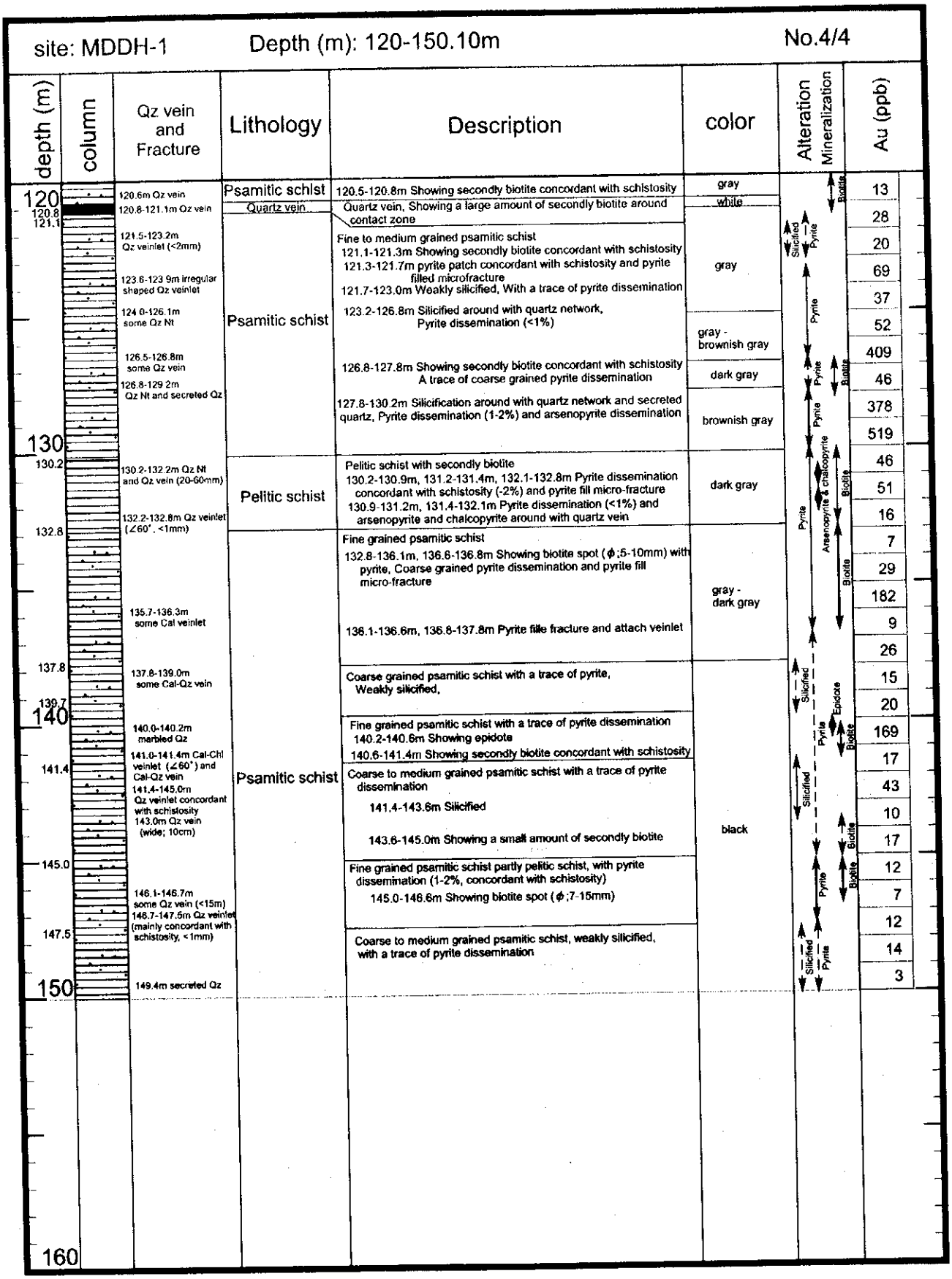
site: MDDH-1 Depth (m): 40-80m No.2/4



site: MDDH-1 Depth (m): 80-120m No.3/4



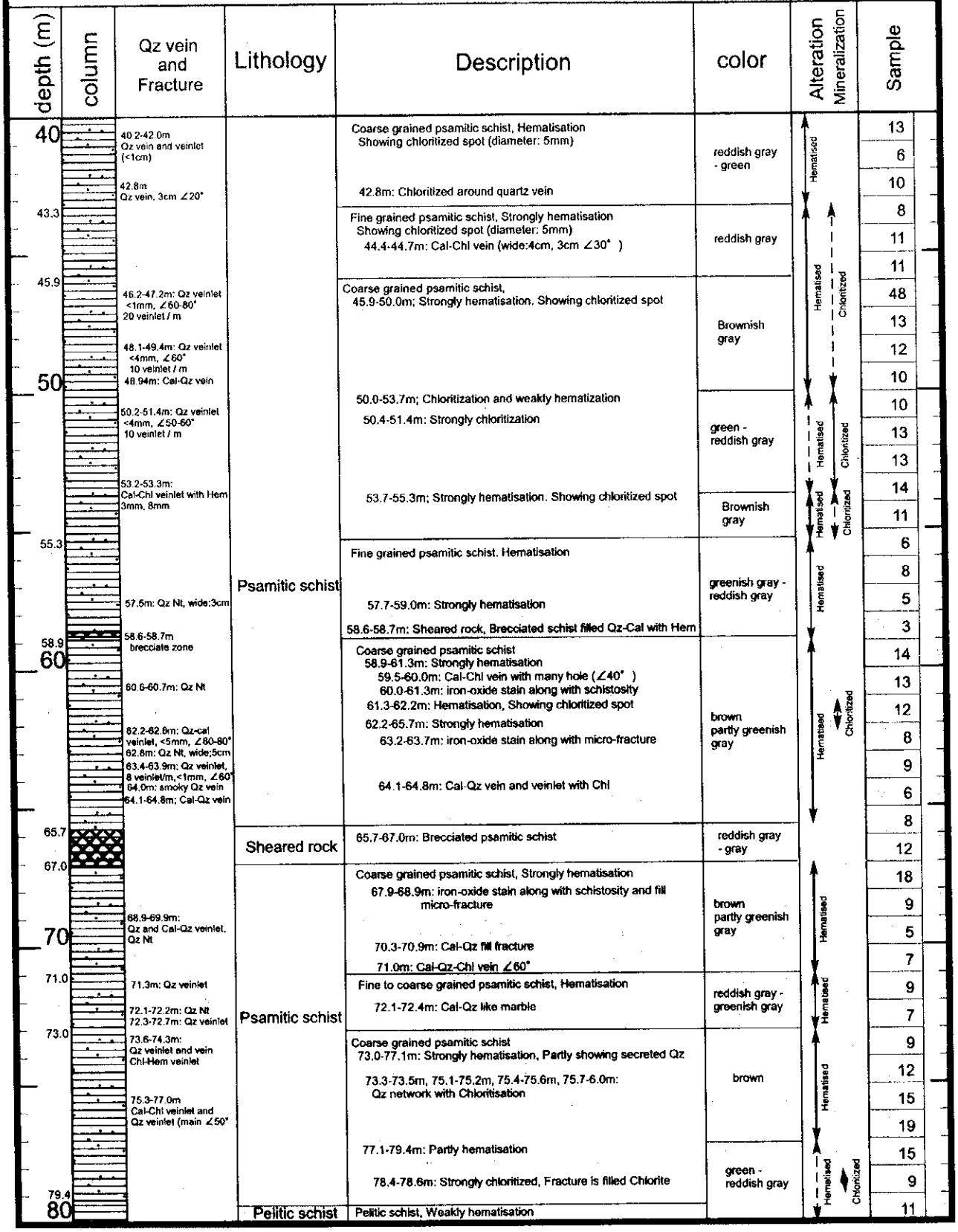
site: MDDH-1 Depth (m): 120-150.10m No.4/4

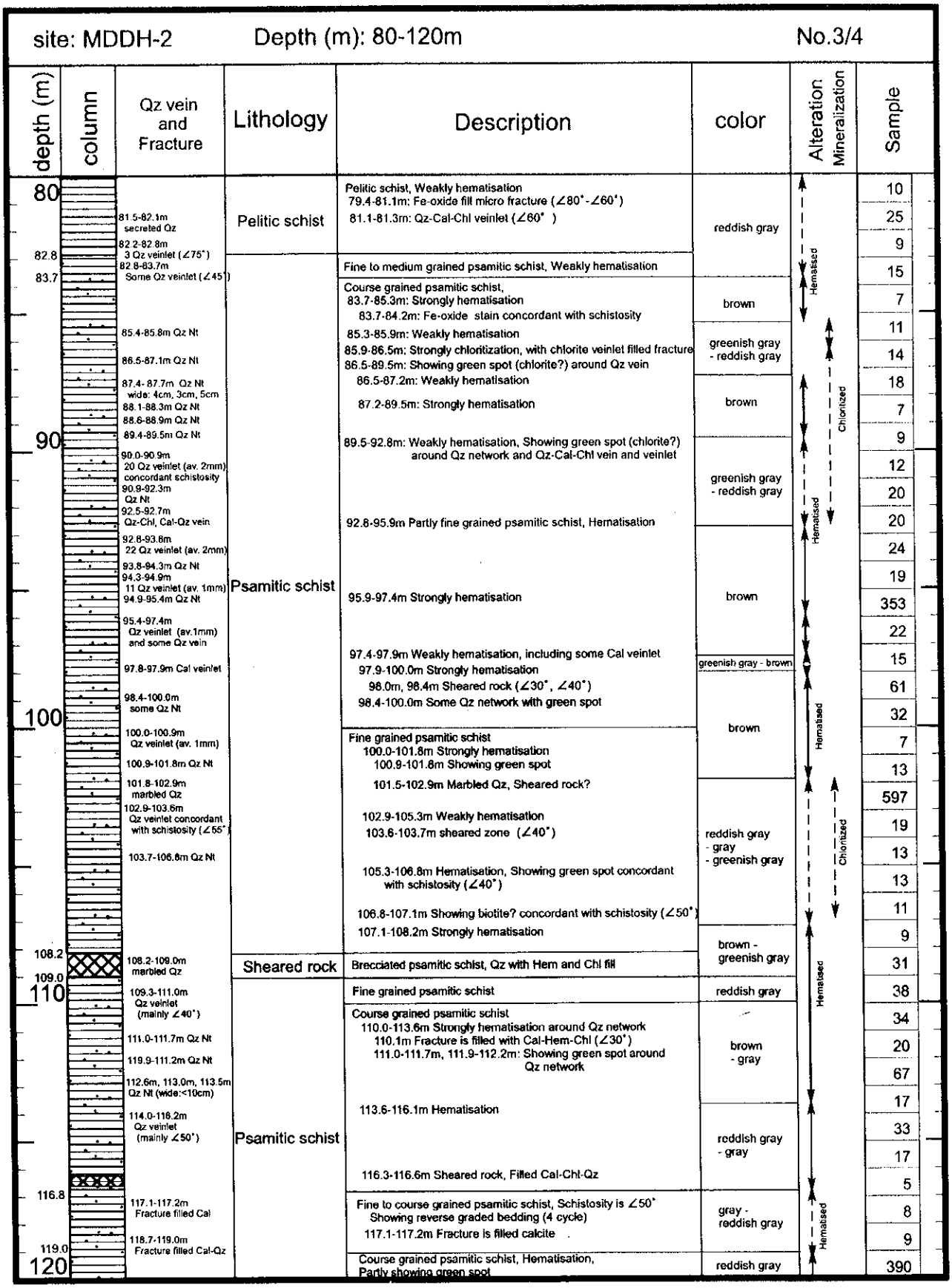


site: MDDH-2 Depth (m): 0-40m No.1/4

depth (m)	column	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
0		1.1m Qz veinlet ∠90° 1-2mm	Weathered psamitic schist	Weathered coarse to fine grained psamitic schist, greenish altered			21
				1.00-1.20m; secondly biotite	greenish gray		8
		2.9m Qz-Hem ∠70° 5mm					79
		4.0-4.8m Qz-Hem,20-10mm		4.70-5.10m; secondly biotite			791
				5.10-5.60m: hematite dissemination	dark purplish brown	Hematite dissemination	9
		5.1-6.9m Qz veinlet 1-5mm		5.65-7.820m; secondly biotite	greenish gray		6
7.00					dark purplish brown		3
			Weathered pelitic schist	Weathered pelitic schist, partly coarse grained psamitic schist			4
		9.0-10.0m Qz veinlet ∠70-80° 1mm-10mm					12
10				10.40-10.64m: ∠10° pinkish vein, wide is 20mm (Quartz vein with hematite?)			10
		10.5m Pinkish vein					4
10.90		10.95m,11.4m Qz veinlet, ∠70°	Weathered psamitic schist	Weathered coarse grained psamitic schist			6
		12.65-12.75m Qz vein 3mm-10mm					1
							10
13.70			Weathered pelitic schist	Weathered pelitic schist	greenish gray - dark purplish gray		9
		14.5-16.3m Qz veinlet, ∠40-60°					10
		16.5-16.7m QZ Nt		16.50-17.50m: irregular Quartz veinlet network			15
		16.7m Qz vein with Hem 30mm					15
17.55							12
		17.5-19.4m Qz veinlet ,∠40-70°	Weathered psamitic schist	Weathered fine to medium grained psamitic schist, partly pelitic schist			9
20							14
		20:2-20.8m,Qz veinlet ∠60° , 3-10mm					76
		21:1-22.9m,Qz veinlet ∠70°					18
					dark purplish gray		13
24.80		24:5-25.2m,Qz veinlet ∠80°					13
			Psamitic schist	coarse grained psamitic schist	greenish gray		33
		27:2-27.6m 28:5-28.8m, Qz Nt, irregular shape					18
							15
30		29.6-29.9m, Qz veinlet, <1mm		29.60-30.40m: Weakly chloritized fine grained psamitic schist. Hematite dissemination dot (ϕ:<1mm) and hematite stain along with schistosity.		Chloritized	10
		30.4m Qz vein with Hem and Chl, ∠30°					9
		30.4-31.3m Qz veinlet ∠60-80° , <3mm		30.40-33.80m: Hematite dissemination spot line up concordant with schistosity	greenish gray partly purple	Hematite dissemination	12
		31.3-33.8m Qz veinlet <2mm, irregular shape					6
							9
33.80		33.8-34.3m Qz veinlet, ∠60 Cal-Qz-Chl veinlet	Pelitic schist	Weakly chloritized pelitic schist. 33.80-34.10m, 36.10-37.0m: Hematite dissemination 34.30-34.40m Qz-Cal-Chl vein with hematite 34.60-34.90m: Chloritized zone	greenish gray	Chloritized	3
		35.0-35.1m secreted Qz-Cal					8
		36.5m ∠56° Fracture concordant with schistosity, with Hem film					10
							8
37.50		37.9-38.1, 38.4-38.5m Qz vein with Hem & Chl					8
			Psamitic schist	Coarse grained psamitic schist, partly fine grained 37.50-38.70m: Secondly biotite, hematite dissemination	greenish gray partly purplish brown		9
40				38.70-40.30m: Weakly hematisation	green - reddish gray	Hematised	11

site: MDDH-2 Depth (m): 40-80m No.2/4




site: MDDH-2
Depth (m): 80-120m
No.3/4
depth (m)
column
Qz vein and Fracture
Lithology
Description
color
Alteration Mineralization
Sample
80
81.5-82.1m secreted Qz
82.2-82.8m 3 Qz veinlet (∠75°)
82.8-83.7m Some Qz veinlet (∠45°)
83.7
85.4-85.8m Qz Nt
86.5-87.1m Qz Nt
87.4-87.7m Qz Nt wide: 4cm, 3cm, 5cm
88.1-88.3m Qz Nt
88.6-88.9m Qz Nt
89.4-89.5m Qz Nt
90
90.0-90.9m 20 Qz veinlet (av. 2mm) concordant schistosity
90.9-92.3m Qz Nt
92.5-92.7m Qz-Chl, Cal-Qz vein
92.8-93.8m 22 Qz veinlet (av. 2mm)
93.8-94.3m Qz Nt
94.3-94.9m 11 Qz veinlet (av. 1mm)
94.9-95.4m Qz Nt
95.4-97.4m Qz veinlet (av.1mm) and some Qz vein
97.8-97.9m Cal veinlet
98.4-100.0m some Qz Nt
100
100.0-100.9m Qz veinlet (av. 1mm)
100.9-101.8m Qz Nt
101.8-102.9m marbled Qz
102.9-103.6m Qz veinlet concordant with schistosity (∠55°)
103.7-106.6m Qz Nt
108.2
108.2-109.0m marbled Qz
109.0
110
109.3-111.0m Qz veinlet (mainly ∠40°)
111.0-111.7m Qz Nt
119.9-111.2m Qz Nt
112.6m, 113.0m, 113.5m Qz Nt (wide:<10cm)
114.0-116.2m Qz veinlet (mainly ∠50°)
116.8
117.1-117.2m Fracture filled Cal
118.7-119.0m Fracture filled Cal-Qz
119.0
120
Pelitic schist
Psamitic schist
Sheared rock
Psamitic schist
Pelitic schist, Weakly hematisation
79.4-81.1m: Fe-oxide fill micro fracture (∠80°-∠60°)
81.1-81.3m: Qz-Cal-Chl veinlet (∠60°)
Fine to medium grained psamitic schist, Weakly hematisation
Course grained psamitic schist,
83.7-85.3m: Strongly hematisation
83.7-84.2m: Fe-oxide stain concordant with schistosity
85.3-85.9m: Weakly hematisation
85.9-86.5m: Strongly chloritization, with chlorite veinlet filled fracture
86.5-89.5m: Showing green spot (chlorite?) around Qz vein
86.5-87.2m: Weakly hematisation
87.2-89.5m: Strongly hematisation
89.5-92.8m: Weakly hematisation, Showing green spot (chlorite?) around Qz network and Qz-Cal-Chl vein and veinlet
92.8-95.9m Partly fine grained psamitic schist, Hematisation
95.9-97.4m Strongly hematisation
97.4-97.9m Weakly hematisation, including some Cal veinlet
97.9-100.0m Strongly hematisation
98.0m, 98.4m Sheared rock (∠30°, ∠40°)
98.4-100.0m Some Qz network with green spot
Fine grained psamitic schist
100.0-101.8m Strongly hematisation
100.9-101.8m Showing green spot
101.5-102.9m Marbled Qz, Sheared rock?
102.9-105.3m Weakly hematisation
103.6-103.7m sheared zone (∠40°)
105.3-106.8m Hematisation, Showing green spot concordant with schistosity (∠40°)
106.8-107.1m Showing biotite? concordant with schistosity (∠50°)
107.1-108.2m Strongly hematisation
Brecciated psamitic schist, Qz with Hem and Chl fill
Fine grained psamitic schist
Course grained psamitic schist
110.0-113.6m Strongly hematisation around Qz network
110.1m Fracture is filled with Cal-Hem-Chl (∠30°)
111.0-111.7m, 111.9-112.2m: Showing green spot around Qz network
113.6-116.1m Hematisation
116.3-116.6m Sheared rock, Filled Cal-Chl-Qz
Fine to course grained psamitic schist, Schistosity is ∠50°
Showing reverse graded bedding (4 cycle)
117.1-117.2m Fracture is filled calcite
Course grained psamitic schist, Hematisation, Partly showing green spot
reddish gray
brown
greenish gray - reddish gray
brown
greenish gray - reddish gray
brown
greenish gray - brown
brown
reddish gray - gray - greenish gray
brown - greenish gray
reddish gray
brown - gray
reddish gray - gray
gray - reddish gray
reddish gray
Hematised
Chlorized
Hematised
Chlorized
Hematised
Hematised
Hematised
10
25
9
15
7
11
14
18
7
9
12
20
20
24
19
353
22
15
61
32
7
13
597
19
13
13
11
9
31
38
34
20
67
17
33
17
5
8
9
390

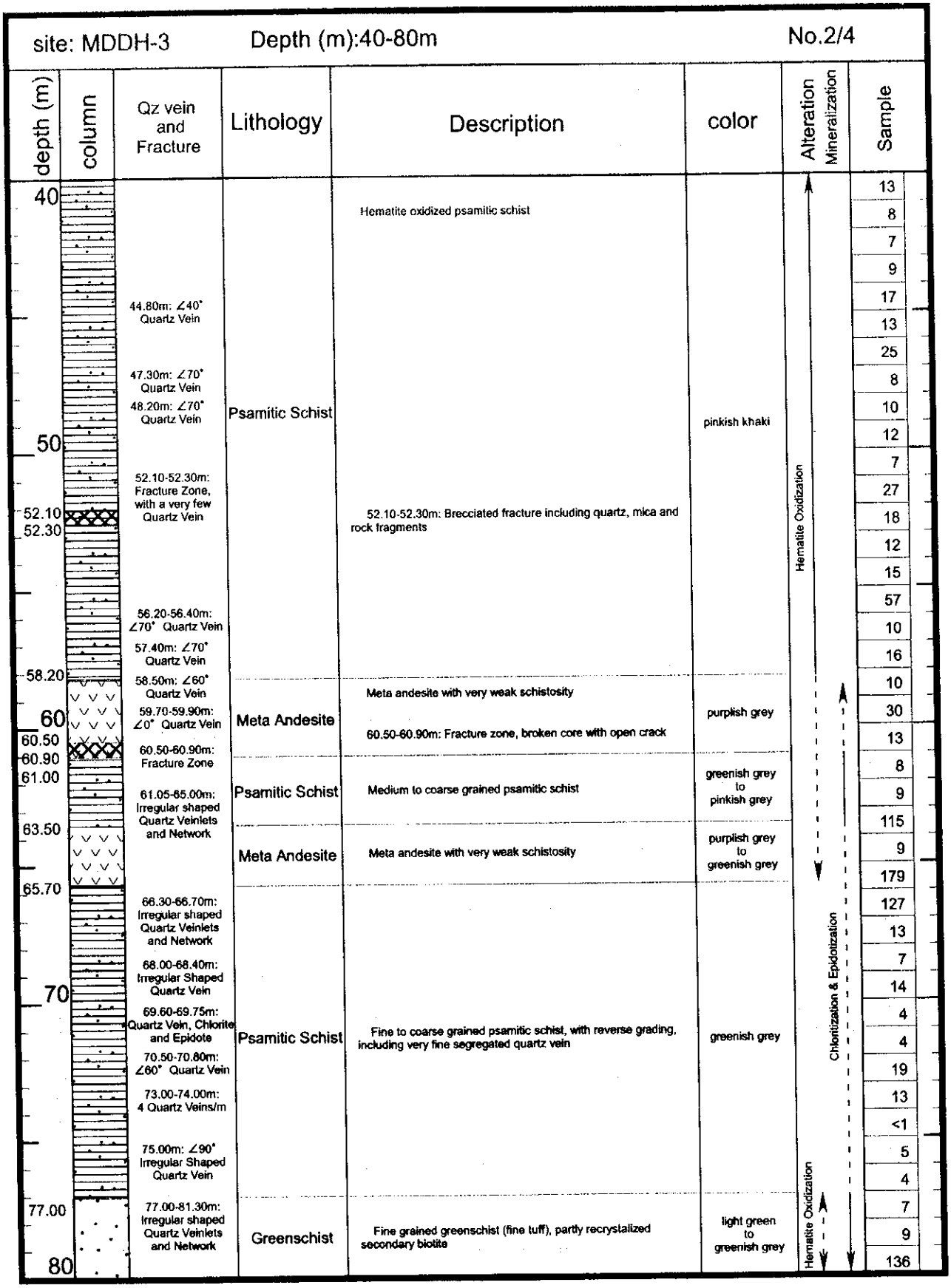
site: MDDH-2 Depth (m): 120-150.10m No.4/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
120	119.6-121.0m Qz-Cal veinlet filled fracture	Psamitic schist	Course grained psamitic schist, Partly black colored pelitic schist, Hematisation, Partly showing green spot	reddish gray	Hematised	16
	121.0-121.8m Qz veinlet (∠60°)		120.0m Qz veinlet with chalcopyrite			13
121.8	122.2m some Qz veinlet		Fine grained psamitic schist			37
			122.3-122.7m Chloritized	greenish gray		
122.7	122.7-125.7m Cal-Chl-Qz filled fracture and veinlet	Meta volcanics	Meta tuff, Weakly chloritization	dark gray		8
			122.7-124.8m Some irregular fracture is filled Cal and Qz			11
			123.6m, 125.7m Cal-Chl veinlet with pyrite			47
125.7	125.7-127.5m Cal-Chl-Qz filled fracture	Psamitic schist	Fine grained psamitic schist, Weakly chloritization	gray - greenish gray	Chloritized	15
			Fracture is filled Cal-Qz-Chl with pyrite		Pyrite	17
127.5		Meta volcanics	Meta tuff, Weakly chloritization			16
	128.9-129.3m Qz-Cal filled fracture		128.9-129.3m Fracture is filled Qz-Cal			8
130						19
130.9	130.9m Some Cal-Chl-Qz veinlet (<2mm)	Psamitic schist	Fine grained psamitic schist (∠30°)	gray		18
	130.9-133.0m Qz veinlet (∠55°, 6 veinlet/m)		Trace pyrite dissemination concordant with schistosity and filling micro fracture		Pyrite	10
133.5	133.5-135.0m secreted Qz	Pelitic schist	Pelitic schist, Pyrite dissemination concordant with schistosity and pyrite veinlet, Total amount of pyrite is 1%	dark gray		15
					Pyrite	11
135.2	135.6-136.7m Qz veinlet (mainly ∠45°, <1mm)	Psamitic schist	Fine grained psamitic schist (∠55°), With trace pyrite dissemination			10
	136.5-136.7m secreted Cal-Qz		135.6-136.7m Pyrite dissemination and veinlet (1%)			12
136.7	136.7-138.0m Smoky Qz vein		Course grained psamitic schist	gray	Arsenopyrite & Pyrite	19
			136.7-138.0m Smoky Qz vein (wide: 2cm) attend with arsenopyrite and pyrite dissemination			38
	138.0-140.9m Mainly Qz-Cal irregular veinlet		138.0-140.0m Pyrite dissemination	dark gray	Pyrite	43
140			139.7-140.0m Fine grained psamitic schist, Showing graded bedding			42
			140.0-140.9m Pyrite dissemination (1%), Cal-Chl veinlet with arsenopyrite (∠45°)		Arsenopyrite & Pyrite	36
	141.8m Qz Nt		140.9-141.9m Fine grained psamitic schist with arsenopyrite dissemination and filling micro fracture			34
	141.9-143.9m secreted Qz and Qz veinlet		141.9-143.9m secreted Qz attend with pyrite (<1%)		Pyrite	33
	143.9-148.7m Qz veinlet (<5mm)		143.9-145.2m Qz veinlet, With trace pyrite dissemination			105
			145.2-148.0m Qz veinlet and network Qz, With trace pyrite dissemination			50
			148.0-148.7m Fine grained psamitic schist, Qz veinlet with pyrite		Pyrite	26
	148.7-150.2m secreted Qz and Qz-Chl veinlet		148.7-150.2m Weakly silicified, Qz-Chl veinlet with pyrite			25
150						41
						68
160						

site: MDDH-3 Depth (m):0-40m No.1/4

depth (m)	column	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
0			Non Core	Surface soil?	reddish grey	Laterization	41
2.00							69
			Soft Carapace	Hematite surrounded conglomerate	yellowish reddish brown		33
3.30							17
							7
							11
			Saprolite	Broken core, original rock unknown	light yellowish reddish grey		17
							7
							15
10							12
10.15			Saprolitic Weathered Psamitic Schist	Original rock texture remained saprolitic weathered psamitic schist, fine grained	purplish grey		11
							16
							19
							13
14.80							12
			Strongly Weathered Psamitic Schist		light reddish greenish grey	Strongly Weathered	10
							31
							17
							18
20							10
20.90				20.90-21.80m: Meta andesite dyke?, medium grain porphyrite			136
21.30			Meta Andesite		purplish grey		4190
21.80		21.30-22.80m: Fracture Zone		21.30-22.80m: Broken core, fracture zone, open crack			44
22.80							24
							15
			Strongly Weathered Psamitic Schist		light reddish greenish grey		18
							18
				27.75-29.00m: Recrystalized secondary biotite (greenish)			20
							15
30							13
							70
31.00		31.00-32.60m: Fracture Zone	Fracture Zone	31.00-32.60m: Broken core and clay mineralized (montmorillonite?)	greyish yellow		30
32.60							31
					light reddish greenish grey		21
34.00						Hematite Oxidization	19
							12
			Psamitic Schist	37.00-39.50m: Recrystalized secondary biotite (greenish)	pinkish khaki		16
							7
							4
40							10

site: MDDH-3 Depth (m):40-80m No.2/4

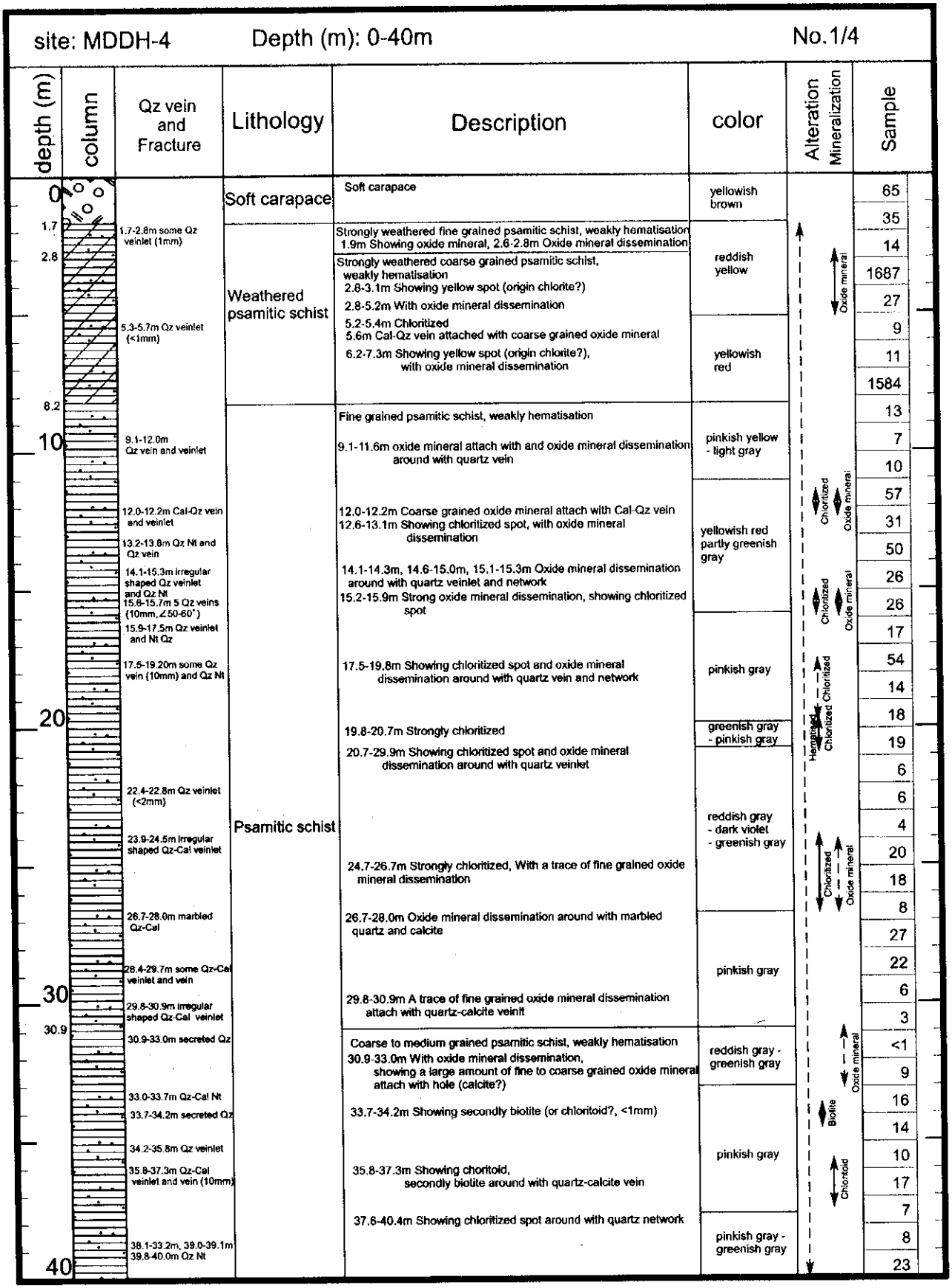


site: MDDH-3 Depth (m):80-120m No.3/4

depth (m)	column	Qz vein and Fracture	Lithology	Description	color	Alteration / Mineralization	Sample
80			Greenschist	Fine grained greenschist (fine tuff)	light green to greenish grey	Hematite Oxidization	7
81.60		83.65m: ∠85° Epidote and Calcite Vein					21
		85.00-89.60m: Irregular shaped Quartz Veinlets and Network		Fine to coarse grained psamitic schist, with reverse grading			8
		89.20-89.30m: ∠60° Quartz and Chlorite Vein	Psamitic Schist		grey to greenish grey		23
		89.40-92.20m: Irregular shaped Quartz Veinlets and Network					39
90							127
		92.20-93.00m: ∠5-20° Quartz, Calcite and Epidote Vein		91.20-91.50m: recrystalized secondary biotite, concordant with schistosity		Pyrite	26
				92.20-93.00m: with epidote, calcite and chlorite vein			43
93.00		93.60, 94.30, 95.00, 95.80, 96.50, 96.70, 97.10, 97.70, 98.10, 99.50m: ∠40-70° Quartz and Chlorite Vein					63
							216
							85
							70
							61
							30
						Quartz, Chlorite and Pyrite vein	5410
			Meta Andesite	Meta andesite, with weak schistosity, including recrystalized secondary biotite, concordant with schistosity, completely altered	greenish grey	Chlorite and Calcite	233
100							42
		100.55m: ∠40° Quartz and ChloriteVein (w=5cm)					27
							83
							21
							76
							48
							34
							41
105.20		105.20-106.80m: Irregular shaped Quartz Vein and Network					33
			Psamitic Schist	Fine to medium grained psamitic schist, disseminated with film like pyrite	dark grey to black	Pyrite	28
106.80							76
			Meta Andesite	Meta andesite, weakly schistosed, including recrystalized secondary biotite	greenish grey		26
							48
110							200
							592
111.00		111.00-113.20m: Irregular shaped Quartz Vein and Network	Pelitic Schist	Very fine grained pelitic schist, disseminated with film like pyrite (0.1%)	dark grey to black	Pyrite	120
							15
113.20			Meta Andesite	Meta andesite, weakly schistosed, including recrystalized secondary biotite	greenish grey		26
							539
115.40		115.40-116.00m: Film like pyrite dissemination					28
			Psamitic Schist	Fine to medium grained psamitic schist	dark grey to black	Film like Pyrite	70
				115.40-120.90m: Film like pyrite disseminated zone (0.3%)			19
							11
120							14

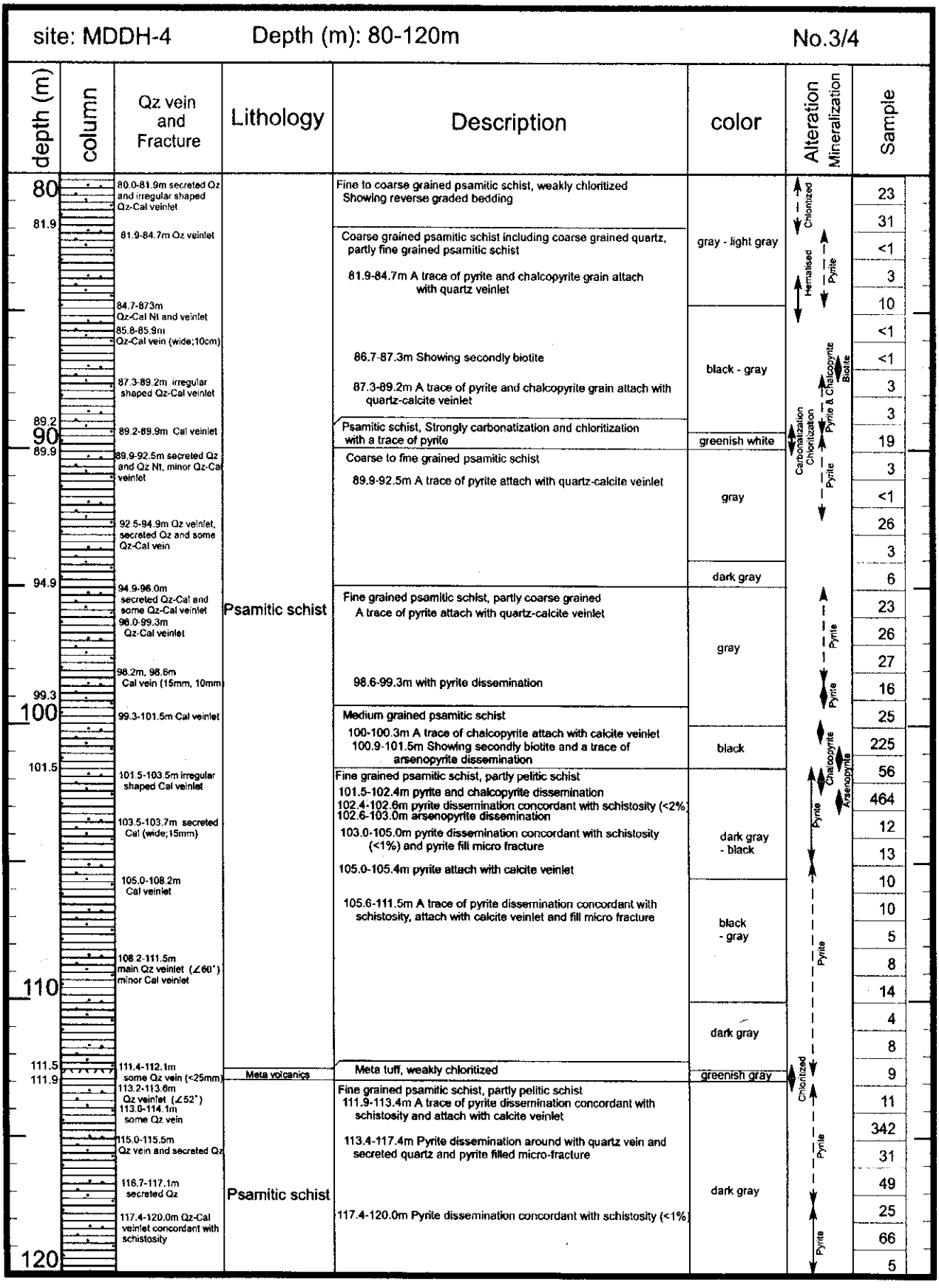
site: MDDH-3 Depth (m):120-150m No.4/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
120		Psamitic Schist		grey	Pyrite mineralization (vein or film)	18
120.90		Meta Andesite	Meta andesite, weakly schistosed, with recrystalized secondary biotite, concordant with schistosity			13
						9
						3
124.90	124.90-127.00m: Irregular shaped Quartz Vein	Psamitic Schist	Medium grained psamitic schist, with irregular shaped segregated quartz vein			14
						19
127.00	127.80-127.90m: ∠40° Quartz Vein	Meta Andesite	Meta andesite, weakly schistosed, with recrystalized secondary biotite			13
						11
128.60						11
130	128.60-132.50m: Irregular shaped Quartz Vein		Medium to coarse grained psamitic schist, with recrystalized secondary biotite			122
	131.10-131.20m: ∠40° Quartz Vein					16
	131.70-131.90m: ∠40° Quartz Vein		128.60-132.50m: irregular shaped quartz vein and network with a very few pyrite			24
	134.60-134.80m: ∠50° Quartz and Pyrite Vein	Psamitic Schist				13
						14
						25
						29
						73
			136.10-140.90m: pyrite mineralization zone, with pyrite (w<3mm), chlorite and quartz vein			67
138.40	136.10-140.90m: Pyrite Vein and Film Zone with Irregular shaped Quartz Vein					8
140		Pelitic Schist	With fine grained pelitic schist	dark grey to black		10
140.60	140.10-140.30m: Quartz Vein and Chlorite					8
	141.00-148.00m: Irregular shaped Quartz Vein and Network					9
						23
						33
		Psamitic Schist	Fine to coarse grained psamitic schist, with irregular shaped segregated quartz vein	grey		38
						55
	148.30-148.80m: Irregular shaped Quartz Vein and Network					43
						21
	149.00-150.00m: Irregular shaped Quartz Vein					116
150						658


site: MDDH-4
Depth (m): 0-40m
No.1/4
depth (m)
column
Qz vein and Fracture
Lithology
Description
color
Alteration Mineralization
Sample
Soft carapace
Weathered psamitic schist
Psamitic schist
Soft carapace
yellowish brown
Strongly weathered fine grained psamitic schist, weakly hematisation
1.9m Showing oxide mineral, 2.6-2.8m Oxide mineral dissemination
Strongly weathered coarse grained psamitic schist, weakly hematisation
2.8-3.1m Showing yellow spot (origin chlorite?)
2.8-5.2m With oxide mineral dissemination
5.2-5.4m Chloritized
5.6m Cal-Qz vein attached with coarse grained oxide mineral
6.2-7.3m Showing yellow spot (origin chlorite?), with oxide mineral dissemination
reddish yellow
yellowish red
Fine grained psamitic schist, weakly hematisation
9.1-11.6m oxide mineral attach with and oxide mineral dissemination around with quartz vein
pinkish yellow - light gray
12.0-12.2m Coarse grained oxide mineral attach with Cal-Qz vein
12.6-13.1m Showing chloritized spot, with oxide mineral dissemination
14.1-14.3m, 14.6-15.0m, 15.1-15.3m Oxide mineral dissemination around with quartz veinlet and network
15.2-15.9m Strong oxide mineral dissemination, showing chloritized spot
yellowish red partly greenish gray
17.5-19.8m Showing chloritized spot and oxide mineral dissemination around with quartz vein and network
pinkish gray
19.8-20.7m Strongly chloritized
greenish gray - pinkish gray
20.7-29.9m Showing chloritized spot and oxide mineral dissemination around with quartz veinlet
24.7-26.7m Strongly chloritized, With a trace of fine grained oxide mineral dissemination
reddish gray - dark violet - greenish gray
26.7-28.0m Oxide mineral dissemination around with marbled quartz and calcite
29.8-30.9m A trace of fine grained oxide mineral dissemination attach with quartz-calcite veinlt
pinkish gray
Coarse to medium grained psamitic schist, weakly hematisation
30.9-33.0m With oxide mineral dissemination, showing a large amount of fine to coarse grained oxide mineral attach with hole (calcite?)
reddish gray - greenish gray
33.7-34.2m Showing secondly biotite (or chloritoid?, <1mm)
35.8-37.3m Showing choritoid, secondly biotite around with quartz-calcite vein
37.6-40.4m Showing chloritized spot around with quartz network
pinkish gray
pinkish gray - greenish gray
1.7-2.8m some Qz veinlet (1mm)
5.3-5.7m Qz veinlet (<1mm)
9.1-12.0m Qz vein and veinlet
12.0-12.2m Cal-Qz vein and veinlet
13.2-13.8m Qz Nt and Qz vein
14.1-15.3m irregular shaped Qz veinlet and Qz Nt
15.6-15.7m 5 Qz veins (10mm,∠50-60°)
15.9-17.5m Qz veinlet and Nt Qz
17.5-19.20m some Qz vein (10mm) and Qz Nt
22.4-22.8m Qz veinlet (<2mm)
23.9-24.5m Irregular shaped Qz-Cal veinlet
26.7-28.0m marbled Qz-Cal
28.4-29.7m some Qz-Cal veinlet and vein
29.8-30.9m irregular shaped Qz-Cal veinlet
30.9-33.0m secreted Qz
33.0-33.7m Qz-Cal Nt
33.7-34.2m secreted Qz
34.2-35.8m Qz veinlet
35.8-37.3m Qz-Cal veinlet and vein (10mm)
38.1-33.2m, 39.0-39.1m 39.8-40.0m Qz Nt
Hematized
Chloritized
Oxide mineral
Chloritized
Oxide mineral
Chloritized
Oxide mineral
Chloritized
Chloritized
Oxide mineral
Oxide mineral
Biotite
Chloritoid
65
35
14
1687
27
9
11
1584
13
7
10
57
31
50
26
26
17
54
14
18
19
6
6
4
20
18
8
27
22
6
3
<1
9
16
14
10
17
7
8
23

site: MDDH-4 Depth (m): 40-80m No.2/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration / Mineralization	Sample
40		Psamitic schist	Coarse to medium grained psamitic schist, hematisation			76
			40.6-42.5m partly brecciated	reddish gray - yellowish gray		14
	42.8m Qz-Cal vein (15mm, ∠40°)		42.8m Showing chloritized spot around with Qz-Cal vein			9
	42.9- 44.7m main secreted Qz and minor irregular shaped Qz-Cal veinlet		43.9-44.7m Weakly oxide mineral dissemination	pinkish gray	Hematised, Oxide mineral	3
	44.7-46.0m Cal-Qz veinlet and secreted Qz		44.7-46.0m Oxide mineral dissemination around with calcite-quartz veinlet			18
	46.0-47.4m secreted Qz		46.0-47.4m Weakly oxide mineral dissemination			4
	47.4-48.2m Cal-Qz veinlet and vein (∠55°-60°)		47.4-48.2m Showing chloritized spot and oxide dissemination around with calcite-quartz vein and veinlet			7
	48.2-50.2m secreted Qz and some Qz-Cal vein and veinlet		48.2-50.2m weakly chloritization around with Quartz vein (48.6m, 48.65m, 49.4m)			26
50	50.2-54.8m secreted Qz and Qz-Cal veinlet		50.2-52.9m Showing chloritized spot and oxide dissemination	reddish gray - greenish gray	Chloritized, Oxide mineral	<1
						8
			52.9-54.8m Strongly hematisation, showing chloritized spot around with Qz-Cal veinlet	light gray - pinkish gray		30
						20
				reddish brown	Hematised	11
	54.9m Qz veinlet (∠54°)		54.8-56.8m Chloritization			2
	55.0-57.3m secreted Qz-Cal		56.8-58.3m Showing chloritized spot	green - reddish brown	Hematised, Chloritized	74
	57.3-58.7m Cal veinlet and irregular shaped Qz-Cal veinlet			reddish gray	Hematised, Chloritized	83
58.8						340
60	59.4m Cal-Qz vein (50mm)		Fine grained psamitic schist			14
	60.0-61.7m secreted Qz-Cal and Qz-Cal veinlet		58.8-59.6m, 59.8-60.0m Sheared zone (∠60°, ∠25°)	reddish gray - greenish gray		19
			61.7-62.8m Showing secondly biotite	reddish gray	Biotite	14
62.8	62.8-65.4m secreted Qz and irregular shaped Qz-Cal veinlet		Coarse grained psamitic schist, including coarse grained quartz weakly hematised			13
			62.8-63.2m, 63.8-64.3m, 64.9-65.4m Showing chloritized spot	reddish brown partly green	Chloritized	9
	65.4-68.6m Cal veinlet and secreted Qz					29
				green - reddish brown		106
				reddish brown	Hematised	16
			68.2-68.6m oxide mineral dissemination	reddish gray	Oxide mineral	17
68.6						35
70	69.0-70.4m Qz-Cal vein and veinlet and secreted Qz		Fine grained psamitic schist, weakly hematised	greenish gray partly reddish brown		17
	70.8-70.9m, 71.1m Qz vein (10cm, 1cm)		70.7-71.4m Chloritization around with quartz vein	reddish gray		46
71.4	71.4-73.2m Qz veinlet and Nt		Fine to coarse grained psamitic schist, partly hematised			17
			71.4-73.2m Showing a small amount of secondly biotite	pinkish gray	Biotite	17
	73.2-75.4m irregular shaped Cal-Qz veinlet		73.3m chalcopyrite attach with calcite quartz veinlet	dark greenish gray	Chalcopyrite, Biotite	14
			73.2-75.4m Showing secondly biotite		Biotite	69
	75.7-76.4m marbled Cal-Qz			pinkish gray - greenish gray		11
	76.4-77.8m Qz-Cal veinlet		76.5-77.0m Showing chloritized spot		Hematised, Chloritized	13
			77.0-78.4m Showing secondly biotite		Biotite	125
80				black - green		19
						20
						49


site: MDDH-4
Depth (m): 80-120m
No.3/4
depth (m)
column
Qz vein and Fracture
Lithology
Description
color
Alteration Mineralization
Sample
80.0-81.9m secreted Qz and irregular shaped Qz-Cal veinlet
81.9-84.7m Qz veinlet
84.7-873m Qz-Cal Nt and veinlet
85.8-85.9m Qz-Cal vein (wide;10cm)
87.3-89.2m irregular shaped Qz-Cal veinlet
89.2-89.9m Cal veinlet
89.9-92.5m secreted Qz and Qz Nt, minor Qz-Cal veinlet
92.5-94.9m Qz veinlet, secreted Qz and some Qz-Cal vein
94.9-96.0m secreted Qz-Cal and some Qz-Cal veinlet
96.0-99.3m Qz-Cal veinlet
98.2m, 98.6m Cal vein (15mm, 10mm)
99.3-101.5m Cal veinlet
101.5-103.5m irregular shaped Cal veinlet
103.5-103.7m secreted Cal (wide;15mm)
105.0-108.2m Cal veinlet
108.2-111.5m main Qz veinlet (∠60°) minor Cal veinlet
111.4-112.1m some Qz vein (<25mm)
113.2-113.6m Qz veinlet (∠52°)
113.6-114.1m some Qz vein
115.0-115.5m Qz vein and secreted Qz
116.7-117.1m secreted Qz
117.4-120.0m Qz-Cal veinlet concordant with schistosity
Psamitic schist
Meta volcanics
Psamitic schist
Fine to coarse grained psamitic schist, weakly chloritized
Showing reverse graded bedding
Coarse grained psamitic schist including coarse grained quartz, partly fine grained psamitic schist
81.9-84.7m A trace of pyrite and chalcopyrite grain attach with quartz veinlet
86.7-87.3m Showing secondly biotite
87.3-89.2m A trace of pyrite and chalcopyrite grain attach with quartz-calcite veinlet
Psamitic schist, Strongly carbonatization and chloritization with a trace of pyrite
Coarse to fine grained psamitic schist
89.9-92.5m A trace of pyrite attach with quartz-calcite veinlet
Fine grained psamitic schist, partly coarse grained
A trace of pyrite attach with quartz-calcite veinlet
98.6-99.3m with pyrite dissemination
Medium grained psamitic schist
100-100.3m A trace of chalcopyrite attach with calcite veinlet
100.9-101.5m Showing secondly biotite and a trace of arsenopyrite dissemination
Fine grained psamitic schist, partly pelitic schist
101.5-102.4m pyrite and chalcopyrite dissemination
102.4-102.6m pyrite dissemination concordant with schistosity (<2%)
102.6-103.0m arsenopyrite dissemination
103.0-105.0m pyrite dissemination concordant with schistosity (<1%) and pyrite fill micro fracture
105.0-105.4m pyrite attach with calcite veinlet
105.6-111.5m A trace of pyrite dissemination concordant with schistosity, attach with calcite veinlet and fill micro fracture
Meta tuff, weakly chloritized
Fine grained psamitic schist, partly pelitic schist
111.9-113.4m A trace of pyrite dissemination concordant with schistosity and attach with calcite veinlet
113.4-117.4m Pyrite dissemination around with quartz vein and secreted quartz and pyrite filled micro-fracture
117.4-120.0m Pyrite dissemination concordant with schistosity (<1%)
gray - light gray
black - gray
greenish white
gray
dark gray
gray
black
dark gray - black
black - gray
dark gray
greenish gray
dark gray
Chloritized
Hematised
Pyrite
Carbonatization
Chloritization
Pyrite & Chalcopyrite
Biotite
Chalcopyrite
Arsenopyrite
23
31
<1
3
10
<1
<1
3
3
19
3
<1
26
3
6
23
26
27
16
25
225
56
464
12
13
10
10
5
8
14
4
8
9
11
342
31
49
25
66
5

site: MDDH-4 Depth (m): 120-150.10m No.4/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
120	120.0-123.2m secreted Qz	Psamitic schist	Fine grained psamitic schist 120.0-122.5m Pyrite dissemination concordant with schistosity		Pyrite	138
	122.5-123.2m some Qz-Cal veinlet (∠60-70°, <2mm)		122.5-123.2m Pyrite attach with Qz-Cal veinlet			87
123.2						4
123.7	123.7-125.4m some Qz vein (<30mm) and Qz veinlet concordant with schistosity	Sheared zone	Breeciated psamitic schist, filled with calcite and quartz			5
		Pelitic schist	Pelitic schist to fine grained psamitic schist Pyrite dissemination concordant with schistosity		Pyrite	18
125.4		Psamitic schist	Fine to coarse grained psamitic schist, weakly silicified with graded bedding 125.4-131.5m Showing coarse grained secondly biotite A trace of pyrite dissemination concordant with schistosity, around with quartz vein and fill fracture	dark gray	Pyrite Biotite	5
	126.4m, 128.4-128.6m 129.5m, 129.6-129.7m 130.5m Secreted Qz					5
						3
						57
130	129.4-129.9m some Qz vein (wide; <40mm)					14
						17
			131.5-133.0m Silicified, showing secondly biotite, with coarse grained pyrite dissemination (1%)			22
					Pyrite	102
	133.0-1340m Qz vein and veinlet (∠70°)		133.0-134.0m With a trace of pyrite dissemination			7
134.0			Fine to medium grained psamitic schist, weakly silicified, Showing secondly biotite in the fine grained part 134.0-136.2m pyrite dissemination concordant with schistosity and around with quartz vein and veinlet (2%)		Pyrite Biotite	10
	134.0-136.2m a lot of Qz vein and veinlet					47
						3
	136.2-138.5m Qz veinlet		136.2-138.5m With a trace of pyrite dissemination		Pyrite	21
138.5		Meta volcanics	Meta tuff with pyrite dissemination (2%), coarse grained pyrite attach with quartz vein	black		66
139.5	138.5-139.5m some Qz vein (<50mm)				Pyrite	
140		Psamitic schist	Fine grained psamitic schist with a trace of pyrite dissemination	dark gray		35
					Pyrite	31
141.3		Meta volcanics	Meta tuff, biotite concordant with schistosity	black		31
141.6		Psamitic schist	Fine grained psamitic schist	dark gray		
142.4		Meta volcanics	Meta tuff, with coarse grained pyrite dissemination (<2%)	greenish gray	Pyrite	20
142.9	142.7m Qz vein	Psamitic schist	Fine to coarse grained psamitic schist 142.9-144.3m With a trace of pyrite dissemination			4
			144.3-145.0m Showing biotite spot (<3mm) with pyrite, pyrite dissemination concordant with schistosity	dark gray - black	Pyrite Biotite	5
	145.4-146.2m some Qz veinlet		145.0-147.2m With a trace of pyrite dissemination			6
						9
147.5		Meta volcanics	Meta tuff with fine grained pyrite dissemination (1%) 147.2-147.4m, 148.3-148.8m Showing secondly biotite	greenish gray - dark brown	Pyrite Biotite	56
148.8						15
150		Psamitic schist	Fine grained psamitic schist with pyrite dissemination (<1%) Showing biotite spot	black - dark gray		13
160						

site: MDDH-5 Depth (m): 0-40m No.1/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration / Mineralization	Sample
0		Hard Carapace	Pebble size broken carapace	dark yellowish reddish brown	Laterization	9
			1.00-1.30, 1.80-2.30m: Not broken core			16
2.30		Soft Carapace	Broken carapace			7
3.00		Saprolite	Very soft, original rock unknown, montmorillonite altered	light yellowish reddish brown		9
						17
						<1
						8
7.65	8.70m: ∠90° Quartz Vein (w=1mm)	Weathered Schist	Saprolitic weathered fine psamitic schist, with crack (∠40°)	pinkish khaki		<1
8.50						8
10		Strongly Weathered Pelitic Schist	9.40-11.40m: Hematite film crack, concordant with schistosity, ∠45-60°	pinkish khaki to light khaki	Hematite Spot	<1
	11.10-11.20m: Fracture with Clay Mineral		10.70m: Hematite film with chlorite, ∠60°			<1
	11.90m: ∠30° Quartz Vein (w=1cm)		11.40-11.50m: Hematite spot, irregularly shaped			23
	12.80-12.95m: Fracture with Chlorite		13.30-15.00m: Hematite film crack, concordant with schistosity, ∠45-80°	light grey		14
	14.20, 14.80m: ∠80° Quartz Vein (w=1mm)		15.50m: Small fault with clay (montmorillonite?)	pinkish khaki		4
			17.20-17.50m: Chloritization zone			1
	15.80m: ∠80° Quartz and Hematite Vein (w=1mm)		17.40-17.80, 18.40-18.60m: Broken core (fault?)			38
			19.80-20.10m: Strongly chloritized, with irregular chlorite network vein (2mm)			34
18.80	17.40, 18.15, 19.12m: ∠80° Quartz Vein			pinkish greenish grey	Chloritization	4
20		Weakly Weathered Pelitic Schist	21.00-22.00m: ∠60-80° , Quartz vein (w=1mm)			12
	19.40-19.50, 20.00-21.00m: ∠60-80° Quartz Veinlets		22.00-23.00m: ∠60-80° , Quartz vein (w=1mm), 5veins/m	pinkish khaki		102
			22.70-22.80m: Broken core (fracture?)			1
	21.20, 22.80 23.70m: ∠60-80° Quartz and Hematite Vein		23.90m: Quartz veinlet (w<1mm), 10veins/10cm	greenish grey	Chloritization	5
			24.20, 24.60m: Quartz film (w<1mm), 10veins/10cm			27
	25.00-27.00m: Quartz Film		27.20-27.45m: Hematite film dominate			2
			28.00-28.10m: Hematite film dominate, with quatrz and chlorite			<1
	27.40, 28.10m: Quartz Hematite and Chlorite		28.50-28.80m: Hematite, quartz and chlorite film dominate			6
			29.00-30.00m: Hematite, quartz and chlorite film or vein dominate	pinkish brown or greenish grey		25
30			29.90-33.70m: Hematite film dominate, ∠70-80°		Chloritization	19
	31.00m: ∠70-80° Quartz Vein					11
						54
	31.40m: Quartz and Hematite Vein	Pelitic Schist	32.20-32.60, 32.70-32.90m: Irregular quartz, chlorite and hematite network vein			25
33.00						10
	32.00m: ∠80° Quartz Vein (w=1cm)	Psamitic Schist	33.20-33.30, 33.40-33.70, 36.20-36.60m: Irregular quartz and hematite vein, ∠60-80°			56
			33.80, 34.40-34.70m: Irregular quartz and hematite vein, ∠70°			17
	35.00-35.10, 36.10-36.20, 39.60-39.80m: ∠70° Fracture with Quartz Vein		34.15-34.40m: Fine grained psamitic schist			12
			35.00-35.10, 36.10-36.20, 39.6-39.8m: Brecciated quartz vein with mica	pinkish khaki		18
	36.80-37.20m: ∠80° Quartz Vein (w=1cm)					15
			37.00-39.00m: Quartz network vein zone, 10 zone/m, ∠70-80°			14
40						39
						12

Hematite Oxidization

site: MDDH-5 Depth (m): 40-80m No.2/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration / Mineralization	Sample
40	40.30m: ∠85° Quartz Vein and Chlorite, with irregular shaped Segregated Quartz		Hematite oxidized pinkish khaki colored, fine to coarse grained psamitic schist, including irregular shaped segregated quartz and sometimes chlorite	pinkish khaki	Hematite Oxidization	41
						32
						5
	46.50m: ∠80° Quartz Vein			greenish grey or pinkish khaki	Chlorite and Pyrite	28
44.60	46.65m: Quartz and Chlorite Vein (w=1.5cm)		44.60-45.00m: Hematite film network dominant			13
	47.20m: Quartz and Hematite Vein (w=1cm)		45.50m: Quartz and chlorite vein (w=1cm)			15
			46.80m: irregular shaped Quartz network vein with chlorite, pinkish colored zone, totally hematitization dominate			3
						7
						9
50	47.70-47.80m: Quartz Network			pinkish khaki with greenish grey patch		7
	49.80m: Quartz Veinlet and Pyrite					6
						43
	50.50, 51.30, 53.70, 55.40, 55.90-56.20m: ∠40° Quartz and Chlorite					16
						94
						12
			55.00-55.20m: Coarse grained			7
						12
			56.00-57.00m: Quartz and chlorite vein			5
			57.00-58.00m: Quartz vein, with no sulfide			6
	58.40m: irregular shaped Quartz Network		58.50-60.60, 61.50-63.60m: With very few Quartz vein, with no sulfide and no hematite			65
60		Psamitic Schist		grey		52
61.00	60.60-61.00m: Quartz Network, with no sulfide		61.00-62.00m: Coarse grained psamitic schist			13
62.00						7
			63.00-63.80m: Coarse grained psamitic schist			3
	63.60-63.80, 66.40-66.60, 67.10-67.70m: Quartz and Chlorite Vein					2
			65.00-68.00m: Hematite and chlorite disseminated zone	reddish green	Hematite Oxidization	22
			65.00-66.00m: Quartz and chlorite veinlet and network			7
	69.30m: ∠5° Quartz Veinlet and Pyrite					43
			68.00-68.60m: ∠5-10° , Open crack dominated zone, fault or fracture zone?	greenish grey	Chlorite and Pyrite	<1
70	69.50-69.60, 70.10-71.60m: ∠30° Quartz and Chlorite Vein			reddish greenish grey	Hematite Oxidization	9
						8
72.00	72.80-74.10m: ∠60-80° Quartz and Hematite Vein		72.00-80.00m: 10cm ordered alteration of coarse(50%) and fine (50%) psamitic schist, normal grading			10
						9
	75.40m: ∠70° Quartz, Chalcopyrite, Pyrite and Chlorite Vein (w=1.5cm)			grey		13
						14
	76.20m: ∠70° Quartz and Chlorite Vein				Pyrite	13
					Chlorite, Calcite and Epidote	4
78.80						12
78.95	78.20-78.50m: Chlorite, Calcite, Epidote, Quartz Vein (Fracture?)		78.80-78.95m: meta volcanic, porphyritic texture, strongly chloritized	greenish grey	Pyrite	37
80				grey		13

site: MDDH-5 Depth (m): 80-120m No.3/4

depth (m)	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
80	83.40-83.50m: ∠60° Quartz, Chlorite, Pyrite vein	Psamitic Schist	3-10cm ordered alternation between coarse (50%) and fine (50%) grained psamitic schist, normal grading	grey		50 31 19
	85.90, 87.00m: ∠70-85° Quartz, Chlorite vein	Chloritized Zone	Chloritized zone, with secondary biotite and chlorite	light greenish grey	Chloritization Pyrite	37 13
	88.25-88.35m: Quartz, Chlorite, Pyrite vein (w=1.5cm)	Psamitic Schist	3-10cm ordered alternation between coarse (50%) and fine (50%) grained, normal grading, including irregular shaped segregated quartz	grey	Film like Pyrite Dissemination	87 135
	88.80m: Quartz, Chlorite, Pyrite, Chalcopyrite, vein (w=0.5cm)		86.00-98.90m: Film like pyrite dissemination dominated			32
			88.40-88.60m: Quartz veinlet with pyrite, 6 veins/10cm			23
90			89.00-89.25m: Quartz and chlorite veinlet (∠5,70°)			31
	90.00-91.00m: irregular shaped Quartz, Chlorite, Pyrite vein		89.60-89.80m: Quartz and chlorite vein, irregular shaped			17
			91.00-92.00m: Quartz, chlorite and pyrite vein, with a little chalcopyrite (∠70-80°)			52
	92.00-92.70, 92.80-93.00m: Quartz, Chlorite Network vein		92.00-92.70m: Quartz and chlorite network veinlet, with a little pyrite			45 24
	93.20m: irregular shaped Quartz, Chlorite, Pyrite vein		93.20m: irregular shaped quartz, chlorite, pyrite film			15
			93.20-98.90m: irregular shaped quartz, chlorite, pyrite film			24 21
	95.00, 95.25m: Quartz, Chlorite, Pyrite vein					35
98.90						173
100	95.80-96.00m: Pyrite disseminated	Quartz Porphyry	Quartz porphyry, with porphyritic texture, rounded shaped quartz and plagioclase phenocryst, including 0.5-1.0cm irregular shaped secondary biotite, mafic material completely altered	light grey	Quartz and Pyrite	32 9 21
	99.20m: Quartz vein					9
	100.90-101.30m: Quartz vein with mica					13
	102.40, 103.05, 103.40-103.50m: Quartz vein					43 29 16
	103.70-103.90m: Quartz, Pyrite vein					74
109.85						10
110	110.00-110.50, 110.90-113.00m: irregular shaped Quartz vein	Psamitic Schist	Fine grained psamitic schist 109.85m: Quartz, pyrite and arsenopyrite mineralization	grey	Quartz, Pyrite and Arsenopyrite	134 791 1405 123 70
	114.50-114.70, 115.90-123.10m: irregular shaped Quartz vein					80 35 22 26
120						24 30

site: MDDH-5 Depth (m): 120-150.10m No.4/4

depth (m)	column	Qz vein and Fracture	Lithology	Description	color	Alteration Mineralization	Sample
120		120.00-123.10m: irregular shaped Quartz network vein		Fine to medium grained psamitic schist, margin of quartz porphyry dyke			11
							15
							59
							20
							19
		125.00-127.00m: ∠70-80° 4 veinlets/m					24
							12
		127.00-129.15m: ∠60-80° Quartz network vein	Psamitic Schist				24
							21
130		128.30m: ∠60° Quartz and Chlorite vein (w=1cm)					14
							15
		130.65m: ∠30° Quartz and Chlorite vein (w=2cm)					19
							21
		131.10-132.20m: ∠60-80° Quartz network vein					17
							17
		132.60-133.00m: ∠60-80° Quartz network vein			grey		41
							36
		133.50-135.80m: ∠60-80° Quartz network vein	Quartz Porphyry Dyke	Medium grained, upper side boundary (∠40°)			40
138.50							115
140		137.70-138.50, 138.90-140.50, 138.90-141.50m: Quartz network vein		Fine to medium grained psamitic schist, margin of quartz porphyry dyke			42
							44
		141.00, 142.90m: Quartz vein (w=3cm)					86
							43
							60
144.00		144.00-147.00m: irregular shaped Quartz vein zone	Psamitic Schist				29
							73
							28
147.10		147.10-147.60m: Quartz vein					162
147.70							59
150							30
150.10							
160							

Pyrite and Arsenopyrite