K-Shell Mount Michael 81(3)A

436

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S. E. B. C.
LOCATION:	
SOURCE OF DATA:	H A N D T R E N C H M S - 9

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
	H.W.				Sandstone	fine grained	
					Mudstone	and coaly mudstone	
0							
		2.79			COAL		S-22
2.5							
					Mudstone	coal interbedded	
5.0					Shale	carbonaceous in places	
		.45			COAL	shaly	
7.5		2.07			COAL		S-23
		.54			COAL	shaly in places	
		.36			COAL	shaly	
		.54			COAL		
10.0	F.W.						
					Siltstone & Mudstone		
12.5							
				163/56			
					Sandstone	fine grained	
15.0							

NOTE: Measurements are True Thickness

T R E N C H M S #9 Bearing: 282°
Plunge: -27°

Mount Micheal 81 (3) A (2)

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	M. Sherwin
DATE:	19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H M S - 1
LOCATION:	

SCALE 1:100

436

SCALE (m)	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
	H.W.						
		0.5			COAL		
					Mudstone		
		0.6			COAL		
					Mudstone		
2.5				170/63 W	Sandstone	fine grained	
					Mudstone &		
				171/61 W	Siltstone		
5.0							
		1.4			COAL		
					Shale		
							S - 1
7.5							
		3.2			COAL		
10.0							
					Shale		
12.5		2.6			COAL		
							S - 2
					Shale		
		.8			COAL		
15.0	F.W.				Siltstone		
				174/65 W	Sandstone		
17.5							
20.0							

NOTE: Measurements are True Thickness

T R E N C H M S # 1 Bearing: 277°
Plunge: -37°

K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H M S - 3
LOCATION:	

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]	H.W.			185/53 W	Shale	coaly	
0							
		2.31			COAL		S-8
2.5					Siltstone & Mudstone		
5.0					Shale	coaly	S-7
7.5					Mudstone		
		1.24			COAL		S-6
10.0					Shale & Mudstone	coaly	
12.5					Siltstone		
		1.95			COAL		S-5
15.0	F.W.			200/52 W	Sandstone		
17.5							

NOTE: Measurements are True Thickness

T R E N C H M S # 3 Bearing: 260°
Plunge: -27°

436

K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 2

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone		
		2.78			COAL		S - 4
2.5							
5.0					Mudstone & Siltstone	carbonaceous	
7.5		3.48			COAL		S - 3
	F.W.	.50			COAL	dirty	
10.0					Siltstone		
12.5							

NOTE: Measurements are True Thickness
T R E N C H M S - 2 Bearing: 270°
Plunge: -25°

K-Shell Mount Micheal 82K3JA

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 4

LOCATION:

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
0	H.W.				Siltstone		
					Covered		
		1.89			COAL		
2.5							S-10
		1.48			COAL	with occasional shaly partings	
		1.49			COAL		
5.0							
					Mudstone		
		.59			COAL		
7.5							
					Mudstone		
		1.39			COAL		
10.0					Mudstone	coaly	S-9
		2.09			COAL		
12.5							
					Mudstone		
	F.W.	.50			COAL		
					Mudstone		
15.0					Mudstone	coaly	
					Mudstone		
17.5							
					Sandstone	fine grained	
20.0							

NOTE: Measurements are True Thickness

T R E N C H M S #4 Bearing: 280°
Plunge: ←23°

A2P

K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH MS-5
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
					COVERED		
0							
		2.92			COAL	Clean	
2.50							
5.00							S-13
7.50							
		12.54			COAL	Good, clean, slickensided in places	S-12
10.00							
12.50							S-11
15.00							
17.50		3.76			COAL	Clean	S-14
20.00					COVERED		

NOTE: Measurements are True Thickness

TRENCH MS-5 Bearing: 280°
Plunge: 0°

Shell
K-Mount Micheal 80(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	M T. M I C H A E L
AUTHOR: M. Sherwin	DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H M S - 6
LOCATION:	

SCALE 1:100

436

SCALE (m)	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		1.37		170/57 W	COAL	muddy	
2.5					Mudstone	coaly and muddy coal interbedded	
		.91			COAL	bright, clean	S-16
					Mudstone	coaly	
		1.37			COAL	few shaly zones	
5.0					Mudstone	plus coaly mudstone	
		1.19			COAL	clean, vitrain	S-15
7.5	F.W.	.46			COAL	with few mudstone parts	
					Mudstone		
10.0							

NOTE: Measurements are True Thickness

T R E N C H M S #6 Bearing: 286°
Plunge: -25°

K-Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: M. Sherwin | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH MS-7

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
0	H.W.				Siltstone	And sandstone, fine grained	
					Mudstone	Carbonaceous	
		1.04			COAL	Fairly clean	S-17
2.50					Mudstone	Carbonaceous	
					Mudstone	COALY	
		.65			COAL	Clean	
5.00					Mudstone		
7.50		3.16			COAL	Good, clean; reddish sandy COAL Marker at 6.17m	S-18
		1.30			COAL	Muddy	
10.00 F.W.					Mudstone	Carbonaceous	
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness
TRENCH MS-7 Bearing: 275°
Plunge: 20°

K Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 1981

AREA: S. E. B. C.

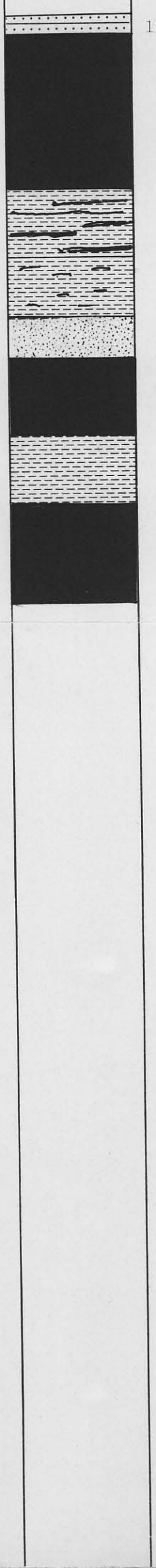
SOURCE OF DATA: H A N D T R E N C H M S - 8

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m] 0				180/62 W	Siltstone	plus carbonaceous mudstone	
	H.W.						
		3.11			COAL		S-24
2.5							
	F.W.				Mudstone	coaly and coal, muddy	
5.0					Mudstone	carbonaceous	
					Sandstone	fine grained	
7.5		1.41			COAL		
					Mudstone		
10.0		1.86			COAL		
12.5							



NOTE: Measurements are True Thickness
T R E N C H M S - 8 Bearing: 285°
Plunge: -26°

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S.E. B.C.

SOURCE OF DATA: HAND TRENCH MS-10

LOCATION:

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
0	H.W.	.14		165/44	Mudstone COAL Mudstone	And Siltstone COALY	
		2.00			COAL	Few mudstone parts, slickensided and disturbed	S-39
2.50					Mudstone Mudstone	 Slickensided	
		.73			COAL Mudstone	Good	S-40
5.00					Fault gouge	Reddish	
7.50							
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS-10 Bearing: 275° Plunge: -27°

Fault Orientation approximately 180/20

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H M S - 11
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
					Sandstone	very fine grained, plus siltstone	
0	H.W.			177/59 W	Mudstone	coaly	
		1.26			COAL	with muddy interbeds	
					Mudstone		
2.5							
		2.70			COAL	hard	S-19
5.0							
		1.21			COAL	with occasional shaly parts	
					Mudstone		
7.5							
		1.40			COAL	hard	S-20
				178/49 W	Mudstone	carbonaceous	
10.0					Sandstone	fine grained	
					Mudstone		
					Mudstone	very coaly	
12.5					Mudstone		
		2.01			COAL	shaly	S-21
15.0							
					Mudstone		
17.5							
		1.49			COAL	shaly in places	S-25
					Mudstone	plus siltstone	
20.0							

NOTE: Measurements are True Thickness

T R E N C H M S # 1 1 Bearing: 265°
Plunge: -20°

436

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 12

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
					Siltstone		
0	H.W.	.20		175/51 W	COAL		
					Siltstone		
		.88			COAL		
					Shale	coaly	
2.5					Siltstone	grey - brown	
		2.44			COAL		S-26
5.0					Shale		
		.88			COAL		
7.5					Siltstone	grey	
				174/51 W			
		1.27			COAL		S-27
10.0	F.W.				Mudstone	plus siltstone	

NOTE: Measurements are True Thickness

T R E N C H MS # 12 Bearing: 260°
Plunge: -27°

H3P
H3P

K-Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 13

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone	reddish	
					Siltstone	altered, pink, slickensided, crumbly	
					Fault	gouge	
0	H.W.	.14			COAL	with shiny metallic coloured alteration (purple and copper)	
		.05			COAL	shaly	
		1.52			COAL		
		.57			COAL	bright, reddish fracture surfaces	S-28
2.5		1.00			COAL	dirty, fractured and reddish in parts	
					Mudstone		
		.43			COAL		
5.0					Mudstone	and coaly mudstone	
7.5		2.48			COAL		S-29
10.0					Mudstone	and coaly mudstone	
				180/45 W	Mudstone	orange	
12.5					Mudstone		
		2.01			COAL		
15.0							S-30
		.14			COAL	shaly	
		.52			COAL		
					Shale		
		.75		175/50	COAL		
	F.W.				Siltstone		
17.5							
20.0							

NOTE: Measurements are True Thickness

T R E N C H M S # 13 Bearing: 270°
Plunge: −23°

K Shelfount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG

PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin

DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 1 4

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
				173/43 W	Siltstone		
0	H.W.						
		2.62			COAL	friable	S-31
2.5					Mudstone		
		.19		172/52 W	COAL Siltstone		
		.20			COAL Mudstone		S-32
		1.28			COAL	bright	
5.0	F.W.				Siltstone		

NOTE: Measurements are True Thickness

T R E N C H M S # 14 Bearing: 262°
Plunge: -20°

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

K Spillount Micheal 81C31A

PROJECT: M T . M I C H A E L

AUTHOR: M. Sherwin | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 1 5 & 1 5 B

LOCATION:

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
0	H.W.			176/45 W	Mudstone	light grey - brown	
		1.82			COAL	slickensided, dull	S-33
					Mudstone		
2.5		.49			COAL	bright	
					Mudstone	very fractured, slickensided dark brown - black	
5.0							
		1.82			COAL	dirty, friable	S-34
7.5							
		1.38			COAL	bright	
10.0							
					Mudstone		
		.21			COAL	muddy	
12.5							
					Mudstone	and siltstone	
		.48			COAL		
					Mudstone		
15.0							
17.5							
					COVERED		
20.0							
22.5							
					Mudstone		
		.36			COAL	muddy	
25.0					Mudstone		
27.5							

NOTE: Measurements are True Thickness

T R E N C H M S #15 + 15b

Bearing: 262°
Plunge: -15°

Shell
K-Mount Micheal 81C3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 1 6

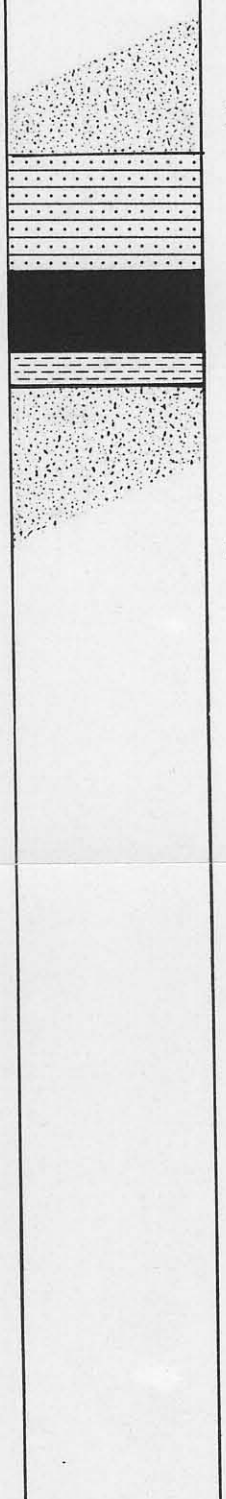
LOCATION:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE

SCALE 1:100

436

[m]



Interval	Strike & Dip	Main	Amplified	Sample
0 H.W.	170/53	Sandstone	fine grained	
		Siltstone	and mudstone	
1.06		COAL		S-4
2.5		Mudstone	and siltstone	
		Sandstone	fine grained	
5.0				

NOTE: Measurements are True Thickness

T R E N C H M S # 16 Bearing: 280°
Plunge: -15°

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 1981

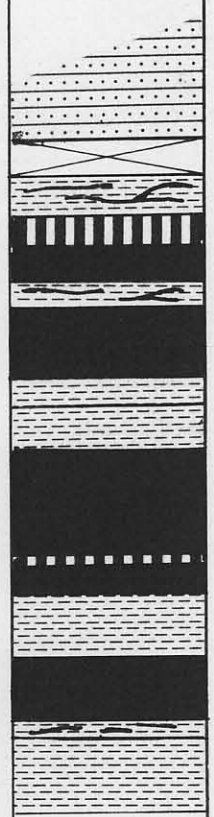
AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H M S - 1 7

LOCATION:

SCALE 1:100

436



SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
					Siltstone		
				171/43	Covered		
0	H.W.				Mudstone	coaly	
		.41			COAL	muddy	
		.50			COAL		
					Mudstone	coaly to coal, muddy	
		.92			COAL		
2.5					Mudstone	coaly	S-36
					Mudstone	with concretions, dark grey-ochre	
		1.42			COAL		
		.09			COAL	shaly parting	
		.37			COAL		
5.0					Mudstone		
		.91			COAL	muddy in occasional places	S-37
	F.W.				Mudstone	carbonaceous	
7.5					Mudstone		

NOTE: Measurements are True Thickness

T R E N C H M S #17 Bearing: 268°
Plunge: -24°

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

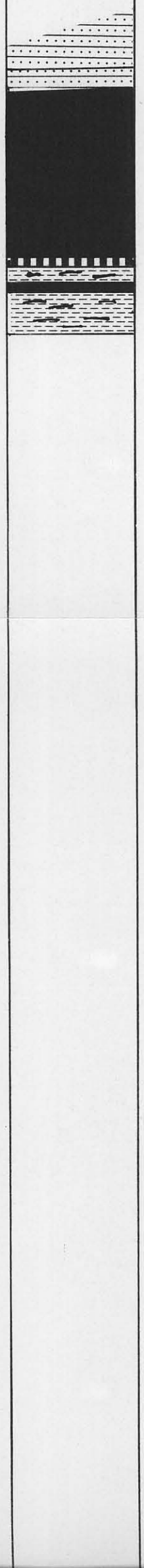
SOURCE OF DATA: H A N D T R E N C H M S - 1 8

LOCATION:

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Siltstone		
					Siltstone	concretionary, ochre and carbonaceous mudstone, disturbed	
		3.38			COAL		S-38
2.5							
		.17			COAL	muddy	
	F.W.	.14			Mudstone	carbonaceous	
					COAL		
5.00					Mudstone	carbonaceous	
7.5							



NOTE: Measurements are True Thickness

T R E N C H M S # 18 Bearing: 250°
Plunge: -29°

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR: M. Sherwin	DATE: 1981
AREA:	S.E. B.C.
SOURCE OF DATA:	HAND TRENCH MS-19
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		.30			COAL		
					Mudstone	COALY	
		.25			COAL		
					Mudstone		
		.48			COAL		
					Mudstone		
2.50							
		2.32			COAL		S-48
					Mudstone	With COALY stringers	
		.36			COAL		
5.00				172/54	Mudstone	Carbonaceous	
		.5			COAL		
					Mudstone		
7.50							
		.70			COAL	Muddy	S-47
					Mudstone	Carbonaceous	
		.46		174/58	COAL	Muddy and shale, COALY	
	F.W.				Mudstone		
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS-19 Bearing: 275°
Plunge: 0°

436

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	M. Sherwin
DATE:	19 81
AREA:	S.E. B.C.
SOURCE OF DATA:	K-Shell Mount Micheal 81(3)A
LOCATION:	HAND TRENCH MS-20

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0				170/60	Mudstone	Carbonaceous	
		.58			COAL		
		.47			Mudstone COAL	With some ocohre stain	
2.50					Mudstone	COALY and carbonaceous, very friable	
		.63			COAL Mudstone	Bright Carbonaceous, few partings within COAL	
5.00		1.70			COAL	Very hard	S-41
7.50					Mudstone	Carbonaceous	
10.00							

NOTE: Measurements are True Thickness

TRENCH MS 20 Bearing: 280°
Plunge: 26°

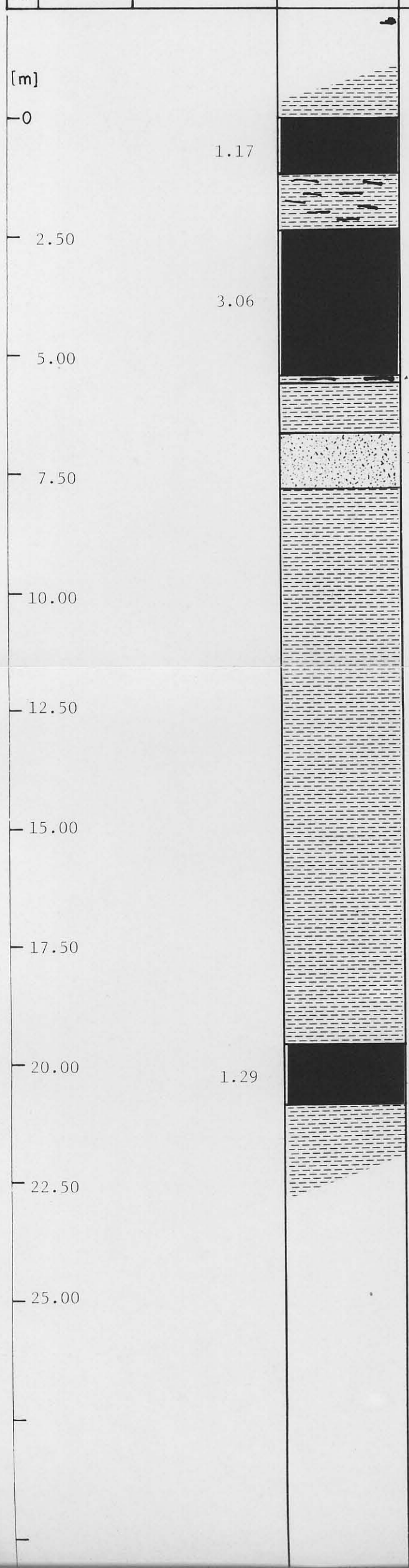
K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	MT. MICHAEL
AUTHOR: M. Sherwin	DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH MS-21
LOCATION:	

SCALE 1:100

436



SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
					Mudstone		
		1.17			COAL		S-42
					Mudstone	Carbonaceous	
		3.06			COAL	Good, clean	S-43
					Mudstone	COALY	
					Mudstone		
				180/54	Sandstone	Fine grained	
					Mudstone		
				175/50			
		1.29			COAL	Bright	S-44
					Mudstone		

NOTE: Measurements are True Thickness
TRENCH MS-21 Bearing: 282°
Plunge: -9°

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S.E. B.C.
SOURCE OF DATA:	HAND TRENCH MS-22
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.						
		.30			COAL		
					Mudstone	Carbonaceous	
		.10			COAL		
					Mudstone	Silty	
					Siltstone		
		.38			COAL		
2.50					Mudstone	COALY	
				171/49	Mudstone	Carbonaceous	
		.82			COAL		
					Mudstone	Carbonaceous	S-50
5.00		1.52			COAL		
					Mudstone		
7.50							
		.29			COAL		
					Mudstone		
		.72			COAL		S-49
					Mudstone	Carbonaceous	
		.32			COAL		
10.00	F.W.				Mudstone		
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS 22 Bearing: 276°
Plunge: 21°

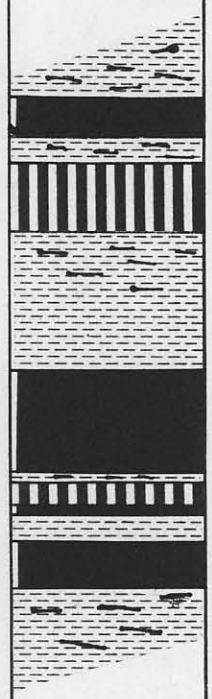
Shell
K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG	PART 1 OF 1
PROJECT: MT. MICHAEL	AUTHOR: M. Sherwin
AREA: S.E. B.C.	DATE: 19 81
LOCATION:	SOURCE OF DATA: HAND TRENCH MS-23

SCALE 1:100

436



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	MAIN	AMPLIFIED	SAMPLE
0	H.W.			Mudstone	Carbonaceous	
		.51		COAL		
				Mudstone	Carbonaceous	S-46
		.90		COAL	Muddy	
				Mudstone	Carbonaceous	
2.50			170/62°	Mudstone		
		1.36		COAL		
5.00				Mudstone	Carbonaceous	S-45
		.32		COAL	Muddy	
		.11		COAL		
				Mudstone		
	F.W.	.63		COAL	Muddy	
				Mudstone	Carbonaceous	
7.50						
10.00						
12.50						
15.00						
17.50						
20.00						

NOTE: Measurements are True Thickness

TRENCH MS-23 Bearing: 285°
Plunge: -15°

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	M. Sherwin — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH MS-24
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
				178/56	Sandstone	Very fine grained	
0	H.W.				Mudstone		
		1.47			COAL	Few muddy zones	
					Mudstone	Carbonaceous	
		.41			COAL		
					Mudstone	Carbonaceous	
2.50							S-53
		1.39			COAL		
		.51			COAL	Muddy	
					Mudstone		
		.66			COAL		
5.00		.12			COAL	Muddy	
					Mudstone	Minor COALY mudstone	
		.46			COAL		
					Mudstone	Carbonaceous	
7.50		.34			COAL	Muddy and COALY mudstone	
	F.W.						
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS-24 Bearing: 285°
Plunge: -28°

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR: M. Sherwin	DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH MS-25
LOCATION:	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
					Sandstone	Fine grained	
0	H.W.	.16			COAL		
					Mudstone		
		.14			COAL		
				181/57			
2.50					Mudstone	Carbonaceous and COALY in places	
5.00							
		3.19			COAL	Minor carbonaceous mudstone parts	
					Mudstone		S-52
7.50							
		2.74			COAL	Very hard, zone of reddish staining in center	
10.00		.27			COAL	Muddy	
					Mudstone	Carbonaceous	
		.23			COAL		
					Mudstone	Carbonaceous	
		.33			COAL		
				179/63	Mudstone	Carbonaceous	S-51
		.27			COAL		
12.50					Mudstone	Carbonaceous	
		.83			COAL		
	F.W.				Mudstone	Carbonaceous	
					Mudstone		
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS-25 Bearing: 265°
Plunge: -5°

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: M Sherwin | DATE: 1981

AREA: S. E. B. C.

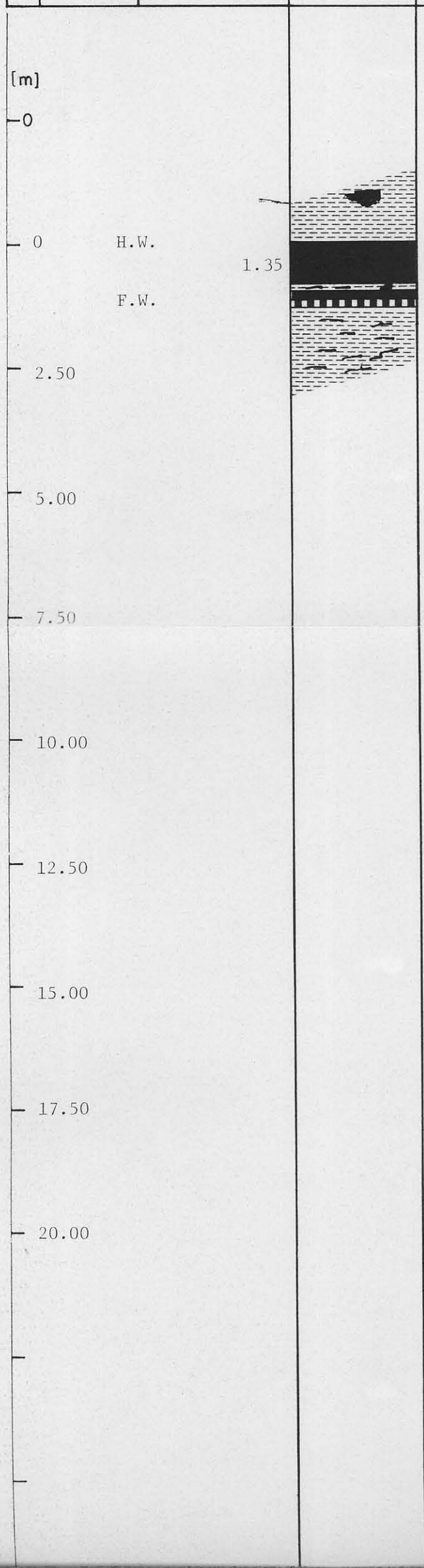
SOURCE OF DATA: HAND TRENCH MS-26

LOCATION:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE

SCALE 1:100

436



	Mudstone		
	COAL	Bright, hard	S-54
	Mudstone	Carbonaceous	
	COAL		
183/63	COAL	Muddy	
	Mudstone	Carbonaceous	

NOTE: Measurements are True Thickness
TRENCH MS-26 Bearing: 260°
Plunge: -10°

436

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: M. Sherwin | DATE: 19 81

AREA: S. E. B. C.

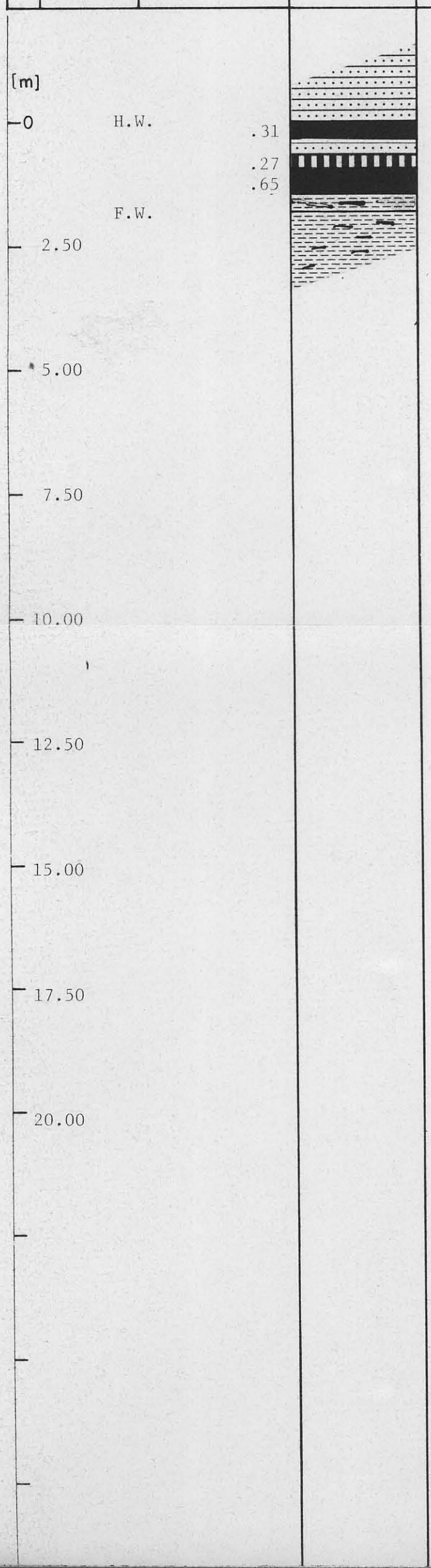
SOURCE OF DATA: HAND TRENCH MS-27

LOCATION:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE

SCALE 1:100

436



	Siltstone	
	COAL	
	Siltstone	And mudstone
	COAL	Muddy
	COAL	Bright
186/56	Mudstone	COALY
	Mudstone	Carbonaceous

S-55

NOTE: Measurements are True Thickness
TRENCH MS-27 Bearing: 274°
Plunge: -5°

K Sheppard Mt Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	M. Sherwin
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH MS-28
LOCATION:	

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0					Mudstone		
	H.W.						
		.88			COAL		
					Mudstone	With bronze coloured slickensides	S-56
		.75			COAL		
	F.W.			176/67	Mudstone	COALY	
2.50					Mudstone	Carbonaceous	
5.00							
7.50							
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness
TRENCH MS-28 Bearing: 265°
Plunge: 0°

STRATIGRAPHIC SECTION

K Smallbunt Micheal 81L3)A

PROJECT:	MT. MICHAEL
AREA:	S. E. B. C.
LOCATION:	
DESIGNATION:	TRENCH LOG
PART	1 OF 1
AUTHOR:	M. Sherwin
DATE:	1981
SOURCE OF DATA:	HAND TRENCH MS-30

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		.32		187/46	COAL		
					Mudstone		
		2.00			COAL	Very broken and powdery	
2.50	F.W.				Mudstone	Carbonaceous	
5.00							
7.50							
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness
TRENCH MS-30 Bearing: 268°
Plunge: 0°

K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG Shell
PART 1 OF 1	
PROJECT:	MT. MICHAEL
AUTHOR: M. Sherwin	DATE: 1981
AREA:	S.E. B.C.
SOURCE OF DATA:	HAND TRENCH MS-31
LOCATION:	

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone	Carbonaceous	
		1.09			COAL		
					Mudstone	COALY	
					Mudstone		
					Mudstone	Carbonaceous	
2.50					Mudstone		
		1.30			COAL		
	F.W.				Mudstone	Carbonaceous	
5.00							
7.50							
10.00							
12.50							
15.00							
17.50							
20.00							

NOTE: Measurements are True Thickness

TRENCH MS-31 Bearing: 280° Plunge: -20°

436

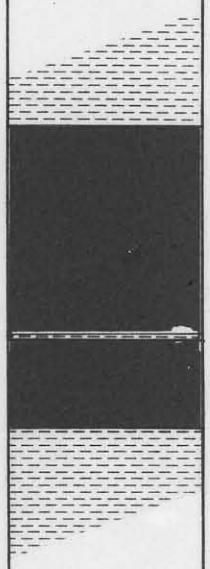
Shell
K-Mt. Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1
LOCATION:	5,539,806 North 659,933 East Elevation: 2395

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE

SCALE 1:100



[m]					
0	H.W.			Mudstone	
			160/46		
		2.87		COAL	3
2.5				Mudstone	2
		1.16		COAL	1
	F.W.			Mudstone slickensided	
5.0					

NOTE: Measurements are True Thickness
T R E N C H # 1 Bearing: 267°
Plunge: 15°

436

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 2

LOCATION: 5,539,808 North 659,911 East Elevation:2388

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone		
2.5		4.66			COAL		1
5.0	F.W.			155/52	Shale	very carbonaceous, slickensided	

NOTE: Measurements are True Thickness
T R E N C H # 2 Bearing: 280°
Plunge: 22°

436

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	M T. M I C H A E L
AUTHOR: J. STOBERNACK	DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 3
LOCATION:	5,539,712 North 660,026 East Elevation: 2401

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.						
		.99			COAL	shaly	1
	F.W.	.24		170/60	COAL		
					Mudstone		
2.5							
					NOTE: Measurements are True Thickness T R E N C H # 3 Bearing: 277° Plunge: -24°		
5.0							

436

Shell
K-Mount Michael 81L31A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH # 4

LOCATION: 5,539,687 North 660,052 East Elevation: 2392

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
						SCALE 1:100	
[m]					Mudstone		
0	H.W.				Shale	very carbonaceous	
2.5		5.26			COAL		1
5.0	F.W.			168/52	Mudstone COAL Mudstone		
7.5							

NOTE: Measurements are True Thickness
TRENCH # 4 Bearing: 272°
Plunge: -6°

436

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG	PART 1 OF 1
PROJECT: MT. MICHAEL	AUTHOR: J. Stobernack
	DATE: 19 81
AREA: S. E. B. C.	SOURCE OF DATA:
LOCATION: 5,539,674 North 660,064 East Elevation: 2389	HAND TRENCH # 5

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
						SCALE 1:100	
[m]					Mudstone		
0	H.W.						
		.37			COAL	shaly	
					Mudstone	carbonaceous	
		.26			COAL	dirty	
	F.W.						
					Mudstone		
2.5							

NOTE: Measurements are True Thickness
TRENCH # 5 Bearing: 285°
Plunge: 7°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

LOCATION: 5,539,676 North 660,028 Elevation: 2386

SOURCE OF DATA: H A N D T R E N C H # 6

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.						
		.85			COAL		
		.33			COAL	shaly	
					Shale	carbonaceous	
					Mudstone	carbonaceous	
		.32			COAL	slightly shaly	
		.23			COAL		
2.5							1
					Mudstone	carbonaceous	
		1.98			COAL		
	F.W.						
5.0					Mudstone	friable and slickensided	

NOTE: Measurements are True Thickness
T R E N C H # 6 Bearing: 295°
Plunge: 0°

436

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH # 7
LOCATION:	5,539,634 North 660,096 East Elevation: 2387

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		2.08			COAL		
2.5					Shale	carbonaceous	
		.85			COAL		1
					Mudstone		
		1.89			COAL		
5.0	F.W.			167/76	Mudstone		
7.5							

NOTE: Measurements are True Thickness
TRENCH # 7 Bearing: 275°
Plunge: 14°

436 Shell K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. Stobernack
DATE:	19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH # 8
LOCATION:	

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.	.28			Mudstone		
					COAL		
					Shale		1
	F.W.	.08			COAL		
2.5					Mudstone		

NOTE: Measurements are True Thickness
TRENCH # 8 Bearing: 296°
Plunge: 29°

436 Shell K-M Mount Micheal 81C31A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH # 9

LOCATION: 5539800N 659885E approx

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m] 0						SCALE 1:100	
2.5					Mudstone	slightly carbonaceous	1
5.0				NOTE: Measurements are True Thickness TRENCH # 9		Bearing: 212° Plunge: 0°	

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #10
LOCATION:	5,539,382 North 660,152 East Elevation: 2440

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.	.09			COAL Mudstone		
2.5							
		6.94			COAL		1
5.0							
	F.W.			165/59			
7.5					Mudstone		

NOTE: Measurements are True Thickness
TRENCH #10 Bearing: 245°
Plunge: 9°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | **PART** 1 **OF** 1

PROJECT: MT. MICHAEL

AUTHOR: J. Stobernack | **DATE:** 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #11

LOCATION: 5,540,119 North 659,813 East Elevation: 2037

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone	SCALE 1:100	
0	H.W.	.27			COAL Mudstone		
		3.32			COAL		1
2.5							
	F.W.				Mudstone		
5.0							
7.5							

NOTE: Measurements are True Thickness
TRENCH #11 Bearing: 240°
Plunge: -25°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: M T. M I C H A E L

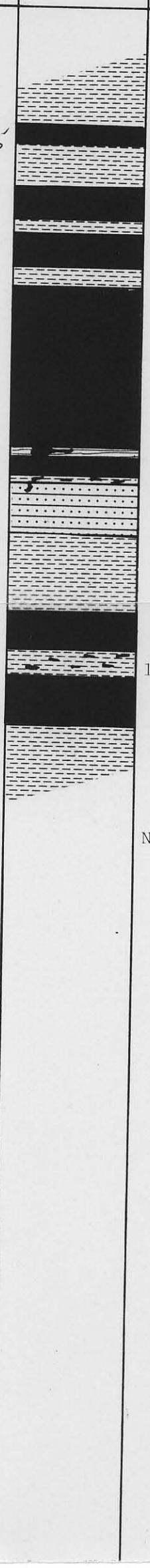
AUTHOR: J. STOBERNACK — DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 2

LOCATION: 5,539,333 North 660,139 East Elevation:2448

SCALE 1:100



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
				Mudstone	heavily slickensided	
0	H.W.					
		.35		COAL		
				Mudstone	coaly	
		.65		COAL		
2.5				Mudstone		
		.68		COAL		
				Mudstone		
						2
5.0		3.17		COAL		
				Shale	very carbonaceous	
		.40		COAL	slightly shaly	
7.5				Mudstone	carbonaceous	
				Siltstone		
				Mudstone		
10.0		.78		COAL		
			167/51	Mudstone	carbonaceous	
						1
		.97		COAL		
	F.W.					
12.5				Mudstone		

NOTE: Measurements are True Thickness
T R E N C H # 1 2 — Bearing: 248° Plunge: 0°

436 Shell K-Mont Mucheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: J. STOBERNACK | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 3

LOCATION: 5,539,408 North 660,157 East Elevation: 2433

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.	.32			COAL		
		.18			Mudstone	carbonaceous	
					COAL		
					Mudstone		
		2.28			COAL	combo	1
2.5	F.W.						
					Mudstone	carbonaceous	
5.0							

SCALE 1:100

NOTE: Measurements are True Thickness
T R E N C H # 1 3 Bearing: 257°
Plunge: 6°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

PROJECT: MT. MICHAEL	DESIGNATION: TRENCH LOG — PART 1 OF 1
AREA: S. E. B. C.	AUTHOR: J. STOBERNACK — DATE: 19 81
LOCATION: 5,539,486 North 660,146 East Elevation: 2409	SOURCE OF DATA: HAND TRENCH #14

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
	H.W.						
0					Mudstone		
		.47			COAL		
					Shale	very carbonaceous	
					Shale	carbonaceous	
		.58			COAL		
		.21			COAL	shaly	
	F.W.				Siltstone		
2.5							

NOTE: Measurements are True Thickness
TRENCH #14 Bearing: 227°
Plunge: 12°

436 Shell K-mount Michael 81C3A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

LOCATION: 5539980 N 659830 E approx

SOURCE OF DATA: HAND TRENCH #15

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone		
					Mudstone	very carbonaceous	3
		.84			COAL	shaly	2
					Mudstone		
					Shale	very carbonaceous	
					Mudstone	carbonaceous	1
		.44			COAL		
2.5	F.W.				Mudstone	carbonaceous	

SCALE 1:100

NOTE: Measurements are True Thickness
TRENCH #15 Bearing: 254°
Plunge: 6°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #16

LOCATION: 5,539,241 North 660,103 East Elevation: 2459

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone	silty	
0	H.W.						
		2.77			COAL		1
2.5	F.W.				Siltstone		

SCALE 1:100

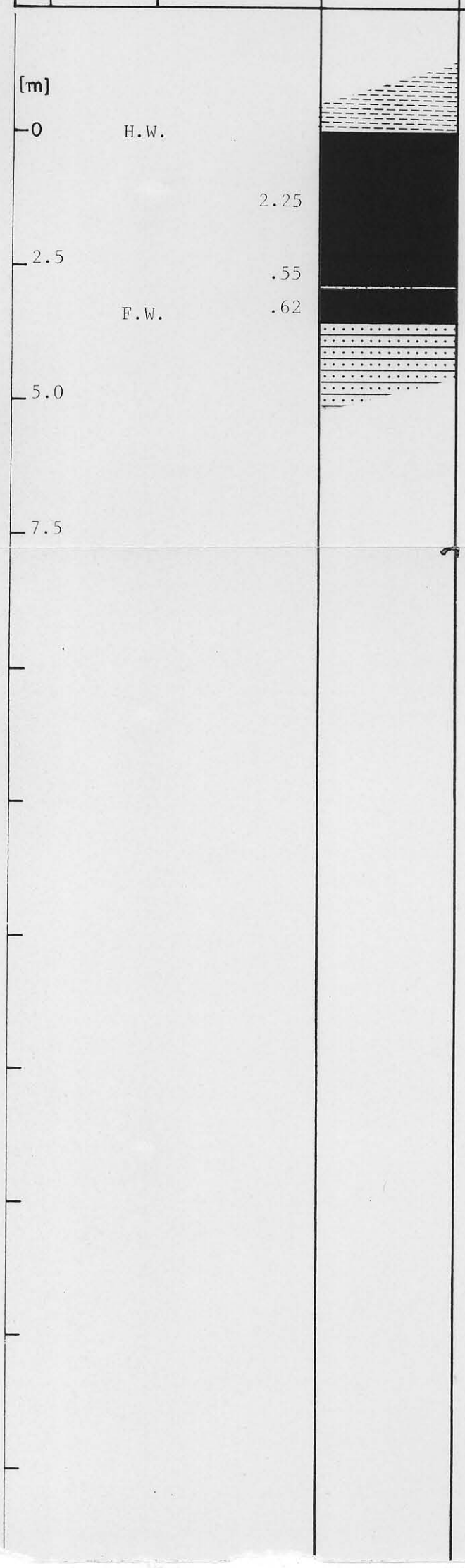
NOTE: Measurements are True Thickness
TRENCH #16 Bearing: 249°
Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 7
LOCATION:	5,539,221 North 660,084 East Elevation: 2452

SCALE 1:100



SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
					Mudstone		
	H.W.			170/69			
		2.25			COAL		1
					Mudstone		1
		.55			COAL		1
					Sandstone	carbonaceous	1
	F.W.	.62			COAL		1
					Siltstone		

NOTE: Measurements are True Thickness
T R E N C H # 1 7 Bearing: 255°
Plunge: 0°

436 Shell K-Mount Michael 81C3A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: MT. MICHAEL

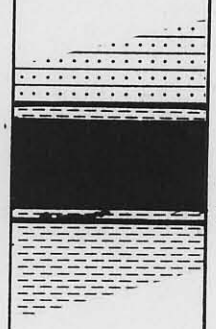
AUTHOR: J. STOBERNACK — DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #18

LOCATION: 5,539,218 North, 660,064 East, 2443 Elevation

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.	.074			Siltstone		
					COAL		
					Mudstone	parting	
		1.17			COAL		1
				167/62	Mudstone	very carbonaceous	
	F.W.	.074			COAL		
2.5					Mudstone		
5.0							

NOTE: Measurements are True Thickness
TRENCH #18 Bearing: 236°
Plunge: 0°

436 Shell K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #19
LOCATION:	5,539,211 North, 660,039 East, 2432 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
					SCALE 1:100		
[m]					Sandstone	fine grained	
0	H.W.			172/70			
		1.56			COAL		1
	F.W.				Mudstone	carbonaceous	
2.5							

NOTE: Measurements are True Thickness
TRENCH #19 Bearing: 233°
Plunge: 0°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK — DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #20

LOCATION: 5,539,197 North, 660,014 East, 2420 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]	H.W.				Mudstone	carbonaceous	
0							
		1.18			COAL		
					Mudstone		
2.5		1.67			COAL		2
					Mudstone		
		1.24			COAL		
5					Siltstone	carbonaceous	
		.80			COAL		1
7.5	F.W.				Mudstone	carbonaceous	

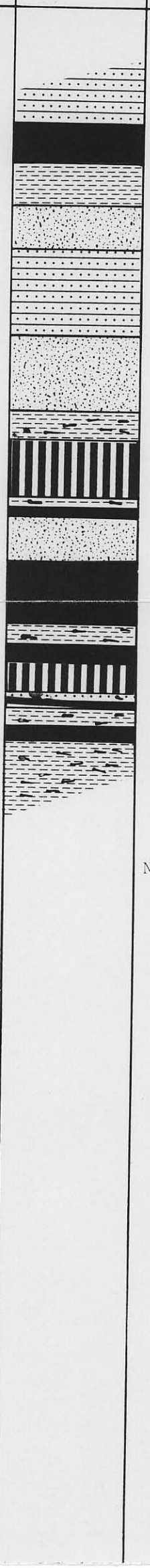
NOTE: Measurements are True Thickness
TRENCH #20 — Bearing: 237° Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #21
LOCATION:	5,539,191 North, 659,970 East, 2405 Elevation

SCALE 1:100



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
				Siltstone		
0	H.W.					
		.80		COAL		3
			174/60	Mudstone		
2.5				Sandstone	fine grained	
				Siltstone & Mudstone		
5.0				Sandstone	fine grained	
				Mudstone	carbonaceous	
		1.12		COAL	dirty	2
7.5		.15		Mudstone	carbonaceous	
				COAL		
				Sandstone	fine grained	
		1.24		COAL		1
10.0				Mudstone	slightly carbonaceous	
		.29		COAL		
		.73		COAL	dirty	
		.12		Siltstone	carbonaceous	
				COAL		
		.32		Mudstone	carbonaceous	
12.5	F.W.			COAL		
				Mudstone	carbonaceous	
15.0						
17.5						

NOTE: Measurements are True Thickness
TRENCH #21 Bearing: 264°
Plunge: 0°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH # 22
LOCATION:	5,539,159 North 660,185 East, 2461 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Mudstone	slightly silty	
0	H.W.						
		.67			COAL		
					Shale	very carbonaceous	1
		.81			COAL		
	F.W.			169/49	Shale	carbonaceous	
2.5							

NOTE: Measurements are True Thickness
TRENCH # 22 Bearing: 295°
Plunge: 0°

436 Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 2 3
LOCATION:	5,539,161 North, 660,177 East, 2462 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone	silty	
0	H.W.						
		3.16			COAL		1
2.5							
					Mudstone	carbonaceous	
		.91			COAL		
5.0	F.W.				Shale	carbonaceous	

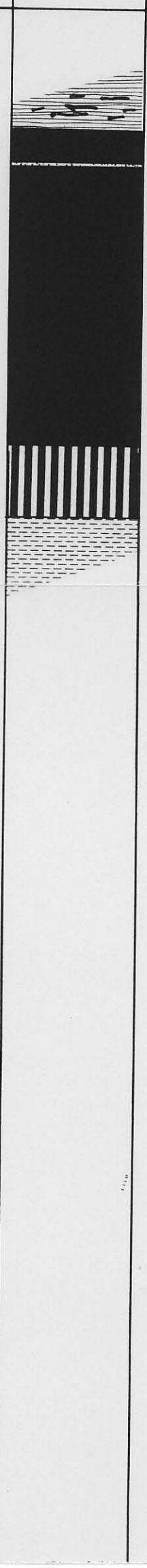
NOTE: Measurements are True Thickness
T R E N C H # 2 3 — Bearing: 284° Plunge: 0°

436 Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK
DATE:	19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 2 4
LOCATION:	5,539,115 North, 660,229 East, 2456 Elevation

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Shale	carbonaceous	
		.57			COAL		
					Sandstone		
2.5							
		5.65			COAL		1
5.0							
		1.41			COAL	shaly	
7.5	F.W.				Mudstone	silty	
10.0							

NOTE: Measurements are True Thickness
T R E N C H # 2 4 Bearing: 274°
Plunge: 0°

436

436 Shell K-Mount Michael 81C3JA

STRATIGRAPHIC SECTION

PROJECT:	MT. MICHAEL
AREA:	S. E. B. C.
LOCATION:	5,538,652 North 660,358 East 2436 Elevation
DESIGNATION:	TRENCH LOG — PART 1 OF 1
AUTHOR:	J. STOBERNACK — DATE: 1981
SOURCE OF DATA:	HAND TRENCH #25

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.			182/57	Mudstone		
		.80			COAL		
2.5		.23			COAL	shaly	
		.48			COAL		
					COAL	shaly	
		1.07			COAL		
5					Mudstone		
		1.44			COAL		
	F.W.						
7.5					Mudstone		

1

NOTE: Measurements are True Thickness
TRENCH #25 Bearing: 265°
Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

PROJECT:	M T. M I C H A E L
AREA:	S. E. B. C.
LOCATION:	5,538,722 North, 660,306 East, Elevation 2445

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
AUTHOR: J. STOBERNACK	DATE: 1981
SOURCE OF DATA:	HAND TRENCH # 26

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Siltstone	siltstone/sandstone interbedded	
		.59			COAL		
					Mudstone	slightly carbonaceous	
		1.07			COAL		1
2.5					Mudstone	carbonaceous	
	F.W.	.37			COAL		
					Siltstone	muddy	
5.0							

NOTE: Measurements are True Thickness
TRENCH # 26 Bearing: 287°
Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
LOCATION:	5,538,726 North, 660,295 East, 2445 Elevation
SOURCE OF DATA:	H A N D T R E N C H # 2 7

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
0	H.W.				Shale	carbonaceous	
		1.17			COAL		
		.20			Mudstone		
		.52			COAL		
2.5					Mudstone	carbonaceous	1
					COAL		
					Mudstone	carbonaceous	
		2.47			COAL		
5.0	F.W.						
					Mudstone		
7.5							

NOTE: Measurements are True Thickness
T R E N C H # 2 7 Bearing: 297°
Plunge: 11°

436 Shell K-Mount Michael 81 C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #28
LOCATION:	5,538,908 North, 660,282 East, 2453 Elevation

SCALE: 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Shale		
0	H.W.	.08			COAL		
					Shale	very carbonaceous	
		.29			COAL	shaly	2
		.64			COAL		2
2.5					Siltstone	carbonaceous with mudstone interbeds	
		.33			COAL	shaly	1
					Mudstone	carbonaceous	1
		1.05			COAL	combo	1
5.0	F.W.						
					Mudstone		
7.5							

NOTE: Measurements are True Thickness
TRENCH #28 Bearing: 250°
Plunge: 0°

436 Shell K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 19 81
AREA:	S. E. B. C.
LOCATION:	5,538,932 North, 660,296 East, 2451 Elevation
SOURCE OF DATA:	HAND TRENCH # 29

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Mudstone		
		1.16			COAL		1
	F.W.				Mudstone		
2.5							
					NOTE: Measurements are True Thickness TRENCH # 29 Bearing: 256° Plunge: 0°		
5.0							

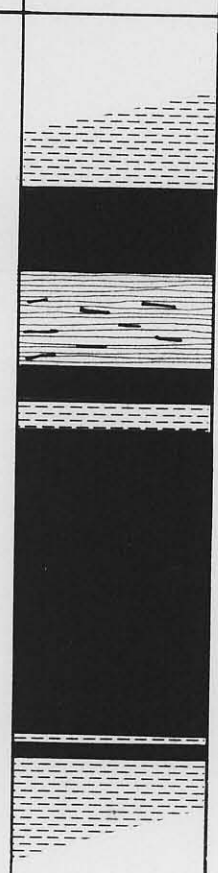
436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AREA:	S. E. B. C.
LOCATION:	5,538,948 North, 660,306 East, 2450 Elevation
AUTHOR:	J. STOBERNACK — DATE: 1981
SOURCE OF DATA:	HAND TRENCH #30

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone	carbonaceous	
		1.15			COAL	slightly shaly	2
					Shale	slightly carbonaceous	
2.5		.42			COAL Mudstone		
5.0		3.77			COAL		1
7.5	F.W.	.19		165/60	Mudstone COAL Mudstone		



NOTE: Measurements are True Thickness
TRENCH #30 Bearing: 268°
Plunge: 0°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: MT. MICHAEL

AREA: S. E. B. C.

LOCATION: 5,539,073 North, 660,279 East, 2449 Elevation

AUTHOR: J. STOBERNACK — DATE: 1981

SOURCE OF DATA: HAND TRENCH # 31

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
	H.W.				Mudstone		
0		.47		182/53	COAL		
					Shale	carbonaceous	
		1.53			COAL		
2.5					Shale	coaly	
					Shale	very carbonaceous	1
		.35			COAL		
					Mudstone		
5.0		1.72			COAL		
	F.W.				Mudstone	carbonaceous	
7.5							

NOTE: Measurements are True Thickness
TRENCH # 31 — Bearing: 254° Plunge: 8°

436

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR: J. Stobernack	DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #32
LOCATION:	5,539,101 North, 660,243 East, 2454 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Mudstone	carbonaceous	
0	H.W.						
		.45			COAL		
					Mudstone	carbonaceous	
		.76			COAL		
		.12			COAL	shaly	
		.19			Mudstone		
		.22			COAL		
2.5					COAL	shaly	
	F.W.	.23			Siltstone	weathered	
					Shale	COAL	
					COAL		
					Mudstone	carbonaceous	
5.0							

NOTE: Measurements are True Thickness
TRENCH #32 Bearing: 276°
Plunge: -8°

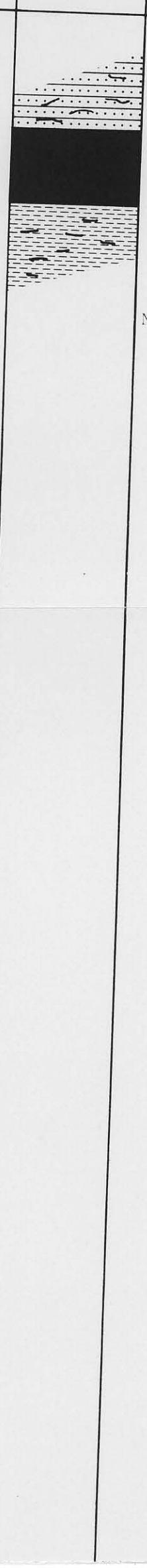
436

436 Shell K-1 Mount Michael 81(3)A

STRATIGRAPHIC SECTION

PROJECT: MT. MICHAEL	DESIGNATION: TRENCH LOG — PART 1 OF 1
AREA: S. E. B. C.	AUTHOR: J. STOBERNACK — DATE: 1981
LOCATION: 5538765N 660040E approx	SOURCE OF DATA: HAND TRENCH #33

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Siltstone	carbonaceous	
		1.50			COAL		1
	F.W.						
2.5					Mudstone	carbonaceous	



NOTE: Measurements are True Thickness
TRENCH #33 Bearing: 260°
Plunge: 0°

436 Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AREA:	S. E. B. C.
LOCATION:	5,538,759 North, 660,018 East, 2379 Elevation
AUTHOR:	J. STOBERNACK — DATE: 1981
SOURCE OF DATA:	HAND TRENCH # 34

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Mudstone	carbonaceous	
		.81			COAL		1
	F.W.				Siltstone	carbonaceous	
2.5							

NOTE: Measurements are True Thickness
TRENCH # 34 Bearing: 243°
Plunge: 0°

436

Shell K-Mount Micheal 8(C3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #36
LOCATION:	5,538,766 North, 660,075 East, 2401 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]	H.W.				Sandstone	fine grained	
0							
		1.1			COAL		
					Mudstone	carbonaceous	
		.47			COAL		
					Mudstone	carbonaceous	1
2.5							
		2.29			COAL		
					Mudstone	very carbonaceous	
5.0	F.W.				Bearing: 230°		
					Plunge: 0°		

436 Shell K Mount Michael 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #37
LOCATION:	5,538,766 North, 660,097 East, 2410 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Mudstone		
0	H.W.						
		.85			COAL		
		.56			COAL	dirty	
	F.W.				Mudstone		
2.5							
					NOTE: Measurements are True Thickness TRENCH #37 Bearing: 259° Plunge: 0°		
5.0							

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #38
LOCATION:	5,538,784 North, 660,139 East, 2426 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.						
		2.40			COAL		1
2.5	F.W.			166/63			
					Mudstone silty		

NOTE: Measurements are True Thickness
TRENCH #38 Bearing: 221°
Plunge: 0°

436 Shell K-mount Michael 8(C)3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #39
LOCATION:	5,538,784 North, 660,133 East, 2424 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.						
		1.28			COAL		1
	F.W.				Mudstone	carbonaceous	
2.5							
5.0							

NOTE: Measurements are True Thickness
TRENCH #39 Bearing: 240°
Plunge: 0°

436 Shell K-Mount Micheal 81C31A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #40

LOCATION: 5,538,798 North, 660,164 East, 2434 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Siltstone sandy		
		.65			COAL		
		.14			Mudstone		
		2.19			COAL		1
2.5							
	F.W.				Siltstone		
5.0							

NOTE: Measurements are True Thickness
TRENCH #40 Bearing: 232°
Plunge: 0°

436 Shell K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

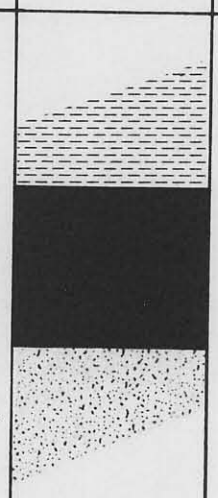
PROJECT: MT. MICHAEL

AUTHOR: J. Stobernack | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #41

LOCATION: 5,538,804 North, 660,202 East 2452 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Mudstone	silty	
		2.11			COAL		1
	F.W.						
2.5					Sandstone	fine grained	

NOTE: Measurements are True Thickness
TRENCH #41 Bearing: 269°
Plunge: 20°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

PROJECT: MT. MICHAEL	DESIGNATION: TRENCH LOG — PART 1 OF 1
AREA: S. E. B. C.	AUTHOR: J. STOBERNACK — DATE: 19 81
LOCATION: 5,538,805 North, 660,258 East, 2458 Elevation	SOURCE OF DATA: HAND TRENCH # 42

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.						
		3.20			COAL		2
2.5							
5.0					Mudstone	slightly carbonaceous	
7.5					Mudstone		
10.0							
12.5		2.5			COAL		1
	F.W.						
					Shale	very carbonaceous	
15.0							

NOTE: Measurements are True Thickness
TRENCH # 42 Bearing: 296°
Plunge: -9°

436

Shell K-Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #43
LOCATION:	5,538,810 North, 660,232 East, 2461 Elevation

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Mudstone		
0							
		1.8			COAL		1
2.5					Mudstone	silty	
5.0							

NOTE: Measurements are True Thickness
TRENCH #43 Bearing: 275°
Plunge: -5°

436 Shell K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: MT. MICHAEL

AUTHOR: J. STOBERNACK — DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: HAND TRENCH #44

LOCATION: 659725E 5540230N approx

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Sandstone	very fine grained	
		.48			COAL Mudstone		
		.92			COAL		1
	F.W.						
2.5					Siltstone		

NOTE: Measurements are True Thickness
TRENCH #44 Bearing: 263°
Plunge: -5°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

PROJECT: MT. MICHAEL	DESIGNATION: TRENCH LOG — PART 1 OF 1
AREA: S. E. B. C.	AUTHOR: J. STOBERNACK — DATE: 1981
LOCATION: 5,538,760 North, 660,029 East, 2383 Elevation	SOURCE OF DATA: HAND TRENCH #35

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]	H.W.				Mudstone	silty	
0							
		2.88			COAL		
2.5							1
		.04			Mudstone	slightly silty	
					COAL		
		.18			Mudstone	silty	
		.54			COAL		
5.0	F.W.				Siltstone		
					Bearing: 250°		
					Plunge: 0°		
7.5							
10.0							

436 Shell Kyomount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG — PART 1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	J. STOBERNACK — DATE: 1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 4 5
LOCATION:	5,540,224 North, 659,837 East, 2243 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone		
0	H.W.						
		1.67			COAL		1
	F.W.	.37			Mudstone COAL		
2.5					Shale	carbonaceous	
5.0							

SCALE 1:100

NOTE: Measurements are True Thickness
T R E N C H # 4 5 Bearing: 257°
Plunge: -21°

436 Shell K-A Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG	PART 1	OF 1
PROJECT:	M T. M I C H A E L	AUTHOR: J. STOBERNACK	DATE: 1981
AREA:	S. E. B. C.	SOURCE OF DATA:	
LOCATION:	5,540,086 North, 659,720 East 2321 Elevation	H A N D T R E N C H # 4 6	

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Sandstone	fine grained	
0	H.W.						
		.77			COAL		
					Mudstone	carbonaceous	
		1.71			COAL		1
2.5					Mudstone	carbonaceous	
		1.45			COAL		
	F.W.			167/55			
5.0					Mudstone	silty	
7.5							

NOTE: Measurements are True Thickness
T R E N C H # 4 6 Bearing: 261°
Plunge: 19°

436

Shell
K Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	HAND TRENCH
PART	1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	J. STOBERNACK
DATE:	19 81
AREA:	S.E. B.C.
SOURCE OF DATA:	HAND TRENCH #47
LOCATION:	5,540,284 North, 659,857 East, 2220 Elevation

SCALE: 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		.45			COAL		
					Mudstone	Carbonaceous	
		1.02			COAL		
		.57			COAL	Shaly	
2.5		.13			Mudstone		
					COAL		
					Shale	Carbonaceous	1
		1.26			COAL		
5.0					Mudstone	Carbonaceous	
		2.04			COAL		
	F.W.			193/52M			
7.5					Mudstone		
10.0							

NOTE: ALL MEASUREMENTS ARE TRUE THICKNESS
HAND TRENCH #47 BEARING: 249
PLUNGE: -18

436 Shell K, Mount Micheal 81C3JA

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG — PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: J. STOBERNACK — DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 4 9

LOCATION: 5,540,105 North, 659,647 East, 2297 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]						SCALE 1:100	
0	H.W.				Siltstone		
		1.59			COAL		1
2.5	F.W.				Mudstone	Carbonaceous	

NOTE: Measurements are True Thickness
T R E N C H # 4 9 Bearing: 242°
Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: J. STOBERNACK | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 5 0

LOCATION: 5,540,127 North, 659,546 East, 2274 Elevation

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
						SCALE 1:100	
[m]							
					Mudstone	Carbonaceous	
0	H.W.						
		.50			COAL		
					Mudstone		
		.66			COAL		1
2.5					Mudstone	Carbonaceous	
		.84			COAL		
	F.W.				Mudstone	Carbonaceous → coaly	
5.0							

NOTE: Measurements are True Thickness
T R E N C H # 5 0 Bearing: 271°
Plunge: 0°

436 Shell K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 101
LOCATION:	5,538,381 N 660,442 E Elevation: 2471m

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.			173/65 W	Mudstone		
		3.72			COAL		
2.5							
					Mudstone	slightly carbonaceous	
		.55			COAL		
5.0		.78			COAL	shaly	T 101-1
							10.54m
7.5		5.39			COAL		
10.0	F.W.				Mudstone	very carbonaceous	
12.5							

NOTE: Measurements are True Thickness
T R E N C H # 1 0 1 Bearing: 255°
Plunge: 00

436 Shell K. Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 0 2

LOCATION: 5,538,249 North 660,423 East Elevation: 2469

SCALE 1:100

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.			176/50 W			
		.53			COAL		
					Mudstone	carbonaceous	
		.59			COAL		
		.41			COAL	very fine, powdery	T 102
					Sandstone	fine grained with minor coal blebs	2.59m
	2.5	.53			COAL		
	F.W.			175/65 W	Siltstone	with plant casts	
	5.0						

NOTE: Measurements are True Thickness

T R E N C H # 1 0 2 Bearing: 263°
Plunge: 00°

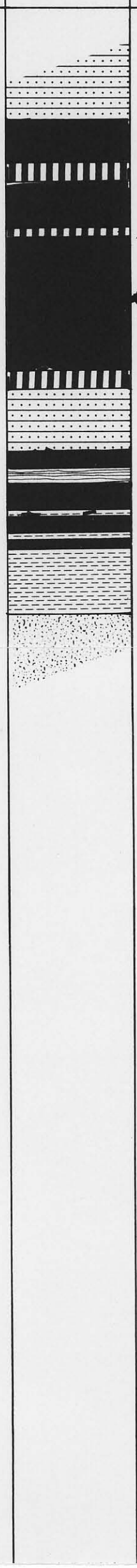
436

Shell K-Mount Micheal 8(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 103
LOCATION:	5,538,172 North 660,394 East Elevation: 2456 m

SCALE 1:100



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
				Siltstone		
0	H.W.					
		.89		COAL		
		.37		COAL	shaly	
		.95		COAL		
	2.5	.25		COAL	shaly	T 103-2
						5.55m
		2.72		COAL		
	5.0					
		.37		COAL	dirty	
				Siltstone		
		.33		COAL		
	7.5			Shale	coaly	
		.58		COAL	hard	T 103-1
				Mudstone	slightly carbonaceous	
		.34		COAL		1.94m
	F.W.			Mudstone	silty	
		.16		COAL		
				Mudstone	silty, dark grey	
	10.0		170/58			
				Sandstone	fine grained, dark grey	

NOTE: Measurements are True Thickness

T R E N C H # 1 0 3 Bearing: 272°
Plunge: 00°

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 0 4

LOCATION: 5,538,145 North 660,384 East Elevation: 2453 m

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Sandstone	fine grained	
0	H.W.	.19			COAL	dirty	
		2.84			COAL		T 104-1
	2.5			177/70 W			4.7m
					Mudstone	very carbonaceous	
	F.W.	.75			COAL		
	5.0				Mudstone	carbonaceous	

NOTE: Measurements are True Thickness

T R E N C H # 1 0 4 Bearing: 266°
Plunge: 00°

K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	MT. MICHAEL
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	HAND TRENCH #105
LOCATION:	5,538,133 North 660,373 East Elevation: 2452 m

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Mudstone		
		.99			COAL	Shaly, dirty	Sample 1 T 105
		.94			COAL		
		.18			Mudstone COAL	Very carbonaceous Powdered	
2.5	F.W.				Mudstone	Slightly silty	
5.0							
7.5							
10.0							

NOTE: Measurements are True Thickness
TRENCH #105 Bearing 267°
Slope 13°

STRATIGRAPHIC SECTION

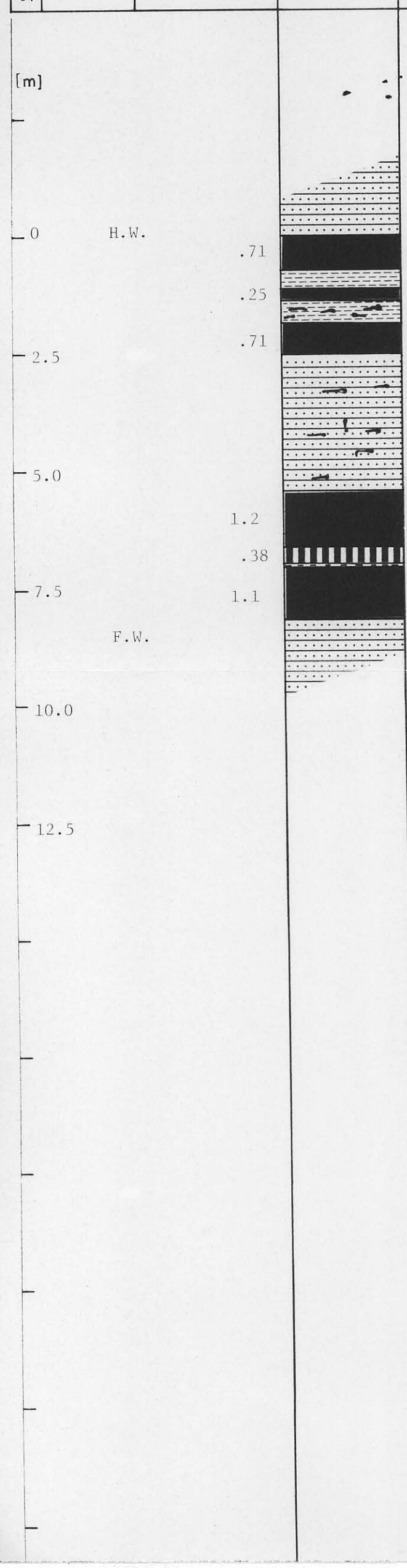
DESIGNATION:	TRENCH LOG	PART 1 OF 1	
PROJECT:	MT. MICHAEL	AUTHOR: A. White	DATE: 1981
AREA:	S. E. B. C.	SOURCE OF DATA: K-Mount Micheal 81(3)A Shelf HAND TRENCH #110	
LOCATION:	5,538,221 North 660,218 East Elevation: 2380 m		

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.				Siltstone	Finely laminated	
		.71			COAL		
					Mudstone	Minor COALY blebs	
		.25			COAL		
					Mudstone	Carbonaceous trash	
		.71			COAL		
2.5							Sample T 110-1
					Siltstone	Minor COALY trash	
5.0							
		1.2			COAL		
		.38			COAL Mudstone	Dirty, contains siltstone and mudstone	
7.5		1.1			COAL	Fractured, contains a few sand grains	
	F.W.				Siltstone		
10.0							
12.5							

NOTE: Measurements are True Thickness
TRENCH #110 Bearing: 246°
Slope 0°



Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 1 2

LOCATION:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone	carbonaceous	
0	H.W.						
		2.01			COAL		
					Mudstone		T 112-1 3.70m
2.5		1.33			COAL		
	F.W.						
				172/78 W	Mudstone	carbonaceous	
5							

SCALE 1:100

436

NOTE: Measurements are True Thickness

T R E N C H # 1 1 2 Bearing: 248°
Plunge: 00°

MEMPH

Shell
K-Mount Micheal
81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

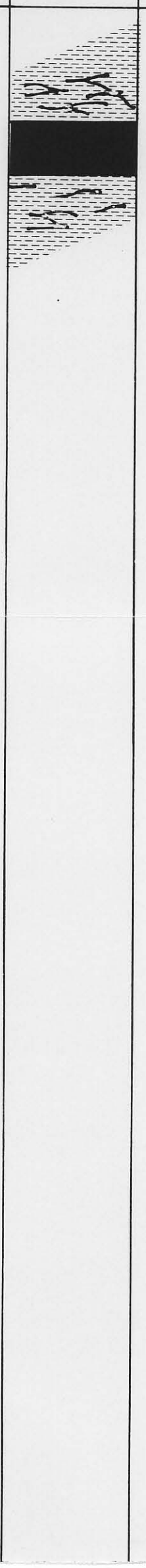
PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 1 3

LOCATION:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone	carbonaceous	
		1.04			COAL		
	F.W.			165/Vert.	Mudstone	carbonaceous	

SCALE 1:100

436

NOTE: Measurements are True Thickness
T R E N C H # 1 1 3 Bearing 245°
Plunge 00°

NO SAMPLE TAKEN

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 1 4
LOCATION:	

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Sandstone	fine to medium grained, abundant plant casts	
		.18			COAL		
					Mudstone	coaly	
		.05			COAL		
					Mudstone	very carbonaceous	
		.20			COAL	hard	
					Mudstone		
2.5							
		2.14			COAL	hard, clean	T 114-1
							5.72m
					Mudstone	very carbonaceous, occasional coaly bed	
5.0		.27			COAL	very hard, anthracitic looking	
					Mudstone	very carbonaceous	
		.23			COAL	dirty	
					Mudstone		
		.50			COAL		
	F.W.						
				162/64W	Mudstone	very carbonaceous	
7.5							

NOTE: Measurements are True Thickness

T R E N C H # 1 1 4 Bearing: 237°
Plunge: 00°

K-Shell Mount Michael 8(C3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 1 7
LOCATION:	5,537,991 North 660,419 East Elevation: 2450 m

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]				168/67 W	Mudstone	carbonaceous	
0	H.W.						
		.99			COAL		T 117-4
					Mudstone	increasingly carbonaceous up section	
	2.5						
					Siltstone		
	5.0						
					Mudstone		
		.37			COAL		
	7.5	.57			COAL	dirty, abundant mudstone	
		.30			COAL		T 117-3
					Mudstone		
		.57			COAL		
	10.0						
					Shale		
	12.5	.15			COAL		
					Mudstone		
		.19			COAL	slightly dirty	T 117-2
					Mudstone		
		1.13			COAL		
	15.0				Mudstone		
		1.65			COAL		T 117-1
	17.5						
	F.W.			167/75 W	Sandstone	fine grained	
	20.0						

NOTE: Measurements are True Thickness

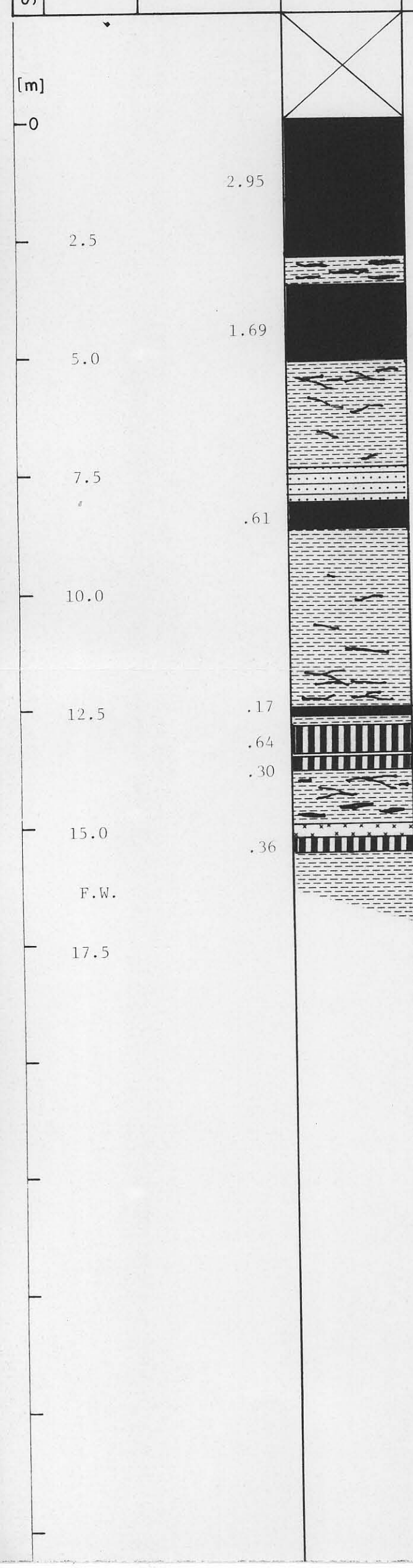
T R E N C H # 1 1 7 Bearing: 253°
Plunge: 00°

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	K - Shell Mount Michael 81(3)A H A N D T R E N C H # 1 1 8
LOCATION:	5,537,944 North 660,512 East Elevation: 2404 m

SCALE 1:100

436



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0				Covered	Hanging Wall not exposed	
		2.95		COAL		
2.5				Mudstone	very carbonaceous	T 118-2
		1.69		COAL		
5.0						
			159/52 W	Mudstone	becoming more carbonaceous upsection	
7.5				Siltstone		
		.61		COAL		
10.0				Mudstone	parting, carbonaceous at start becoming cleaner upsection	
12.5		.17		COAL	clean	
				Mudstone	very carbonaceous	
		.64		COAL	dirty	
				Siltstone	slightly carbonaceous	
		.30		COAL	dirty	T 118-1
				Mudstone	very carbonaceous	
15.0				Concretion	bed	
		.36		COAL	dirty	
F.W.			159/56 W	Mudstone		
17.5						

NOTE: Measurements are True Thickness

T R E N C H # 1 1 8 Bearing: 249° Plunge: -13° (i.e. -13° above horizontal)

Shell
K-Mount Michael 81(3)A

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L | AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C. | SOURCE OF DATA: H A N D T R E N C H # 1 1 9

LOCATION: 5,537,995 North 660,450 East Elevation: 2434 m

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Mudstone	slightly silty	
0	H.W.	.30			COAL		
					Mudstone	carbonaceous	T 119-1
		1.24			COAL		
2.5					Mudstone	parting	
		.30			COAL		
	F.W.			170/56 W	Mudstone	carbonaceous	
5.0							
7.5							
10.0							
12.5							

NOTE: Measurements are True Thickness

T R E N C H # 1 1 9 — Bearing: 274° Plunge: -23° (i.e. above horizontal)

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 2 0
LOCATION:	5,537,924 North 660,394 East Elevation: 2444 m

Scale 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Mudstone	very carbonaceous grading to fine grained sandstone over 30cm.	
		2.16			COAL		T 120-1
2.5	F.W.			159/60	Mudstone	slightly carbonaceous	
5.0							

NOTE: Measurements are True Thickness

T R E N C H # 1 2 0 Bearing: 253°
Plunge: 00°

Shell
K-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 2 1
LOCATION:	5,537,778 North 660,372 East Elevation:2416 m

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
0	H.W.						
		1.45			COAL		
					Sandstone	medium grained	T 121-3
2.5		.85			COAL	powdered, very fine	
					Mudstone	carbonaceous	
5.0							
		.60			COAL		
					Mudstone	carbonaceous	T 121-2
		.49			COAL		
7.5							
					Mudstone	slightly carbonaceous	
10.0							
		.98			COAL		
					Mudstone	carbonaceous	T 121-1
12.5							
		.77			COAL		
	F.W.						
				170/67 W	Siltstone		
15.0							

NOTE: Measurements are True Thickness

T R E N C H # 1 2 1 Bearing: 245°
Plunge: 00°

436

K - Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 2 2
LOCATION:	

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]							
0	H.W.				Siltstone		
		.86			COAL	dirty	
				172/60 W	Siltstone		
	2.5						

NOTE: (1) Measurements are True Thickness

(2) T R E N C H # 1 2 2 Bearing: 235°
Plunge: 00°

(3) No Sample was taken

Steele
F-Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 1981

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 2 3

LOCATION: 5,537,676 North 660,344 East Elevation: 2404 m

436

SCALE 1:100

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
				173/65 W	Mudstone	silty	
0	H.W.						
		1.08			COAL		T 123-2
					Mudstone	very carbonaceous	
2.5		.73			COAL	hard	
					Mudstone	parting, very carbonaceous	T 123-1
		1.40			COAL	hard	
5.0					Mudstone	very carbonaceous	
					Mudstone	silty, increasingly carbonaceous upsection	
	F.W.	.19			COAL	fine, powdered	
		.33			COAL	hard, slightly dirty	
7.5				170/65 W	Mudstone	carbonaceous	
10.0							
12.5							

NOTE: Measurements are True Thickness

T R E N C H # 1 2 3 Bearing: 263°
Plunge: 03°

K - Shell Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART	1 OF 1
PROJECT:	M T. M I C H A E L
AUTHOR:	A. White
DATE:	1981
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 2 4
LOCATION:	5,537,787 North 660,516 East Elevation: 2359 m

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
[m]					Mudstone	carbonaceous	
0	H.W.						
		3.70			COAL	clean, good looking	
	2.5						
					Mudstone		
		1.44			COAL		
	5.0				Mudstone	parting	
	F.W.	.39			COAL		
				169/46 W	Mudstone	carbonaceous, slickensided	
	7.5						

NOTE: (1) Measurements are True Thickness

(2) T R E N C H # 1 2 4 Bearing: 273°
Plunge: -31° (i.e. 31° above horizontal)

(3) No Sample was taken

K-Shell Mount Micheal 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: M T. M I C H A E L

AUTHOR: A. White | DATE: 19 81

AREA: S. E. B. C.

SOURCE OF DATA: H A N D T R E N C H # 1 2 5

LOCATION: 5,537,768 North 660,527 East Elevation: 2352 m

SCALE 1:100

436

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
[m]					Siltstone		
0	H.W.	.24			COAL		
					Mudstone		
		.45			COAL		
					Mudstone	parting	
		.87			COAL		
					Mudstone		
					Siltstone		
	2.5				Mudstone	carbonaceous	
		.13			COAL		
				150/51 W	Mudstone		
	F.W.	.13			COAL	dirty	
					Mudstone		
	5.0						

NOTE: Measurements are True Thickness
T R E N C H # 1 2 5 Bearing: 299°
Plunge: -26°

NO SAMPLE TAKEN

436

Shell
K- Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION:	TRENCH LOG
PART 1 OF 1	
PROJECT:	M T. M I C H A E L
AUTHOR: A. White	DATE: 19 81
AREA:	S. E. B. C.
SOURCE OF DATA:	H A N D T R E N C H # 1 2 6
LOCATION: 5,537,378 North 660,280 East Elevation: 2364 m	

SCALE 1:100

436

SCALE [m]	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION MAIN	DESCRIPTION AMPLIFIED	SAMPLE
					Mudstone	carbonaceous	
0	H.W.	.60			COAL	fine	
					Mudstone		
		.15			COAL		
					Siltstone		
	2.5						
		2.16			COAL	hard, clean	
				165/56 W	Mudstone	parting very carbonaceous	T 126-1
	5.0						
	F.W.	1.19			COAL	hard, clean	
					Mudstone	carbonaceous	
	7.5						

NOTE: Measurements are True Thickness

T R E N C H # 1 2 6 Bearing: 278°
Plunge: 00°

Shell
K-Mount Michael 81(3)A

STRATIGRAPHIC SECTION

DESIGNATION: TRENCH LOG | PART 1 OF 1

PROJECT: MT. MICHAEL

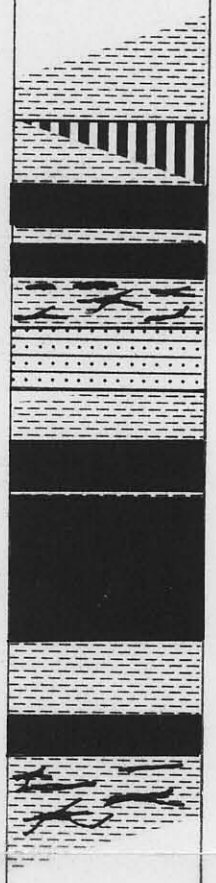
AUTHOR: A. White | DATE: 1981

AREA: S.E. B.C.

SOURCE OF DATA: HAND TRENCH #127

LOCATION: 5,537,543 North 660,227 East Elevation: 2350 m

SCALE 1:100



SCALE [m]	CONTROL POINT	INTERVAL	STRIKE & DIP	DESCRIPTION: MAIN	DESCRIPTION: AMPLIFIED	SAMPLE
0	H.W.			Mudstone		
				Rubble	intermixed COAL and mudstone rubble, no bedding	
		.60		COAL	deformed, highly fractured	
				Mudstone		
		.44		COAL		
	2.5		171/51 W	Mudstone	very carbonaceous	
				Siltstone		
				Mudstone		
		.68		COAL	fine, soft	
	5.0			Mudstone		
		1.85		COAL	hard	T 127-1
	7.5			Mudstone		
	F.W.	.52		COAL	hard, shows deformation	
				Mudstone	very carbonaceous	
	10.0					

436

NOTE: Measurements are True Thickness

TRENCH #127 Bearing: 245°
Plunge: 18°