

ERCL Report

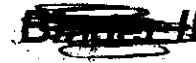
BRITISH COLUMBIA RECONNAISSANCE

1984 SOUTHERN BOWSER PROGRAM

VOLUME III
R. Berg

SECTION 8.4

Field Notes



8.4 GEOLOGICAL NOTES

794
part 3

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7685 84/05

DATE June 9/84	GEOLOGIST I. P. & V. T	OUTCROP P84001	SLIDE/PHOTO
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MAP 103 I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 542600m	NORTHING 6094400m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5Y 6/1	5P 6/1	5m	SiO ₂	Med.	sub ang.	fairly well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	Fe staining on joints	Cal. veins		Road Cut		

COMMENTS:
On Coyote creek Rd going east towards Sisters

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

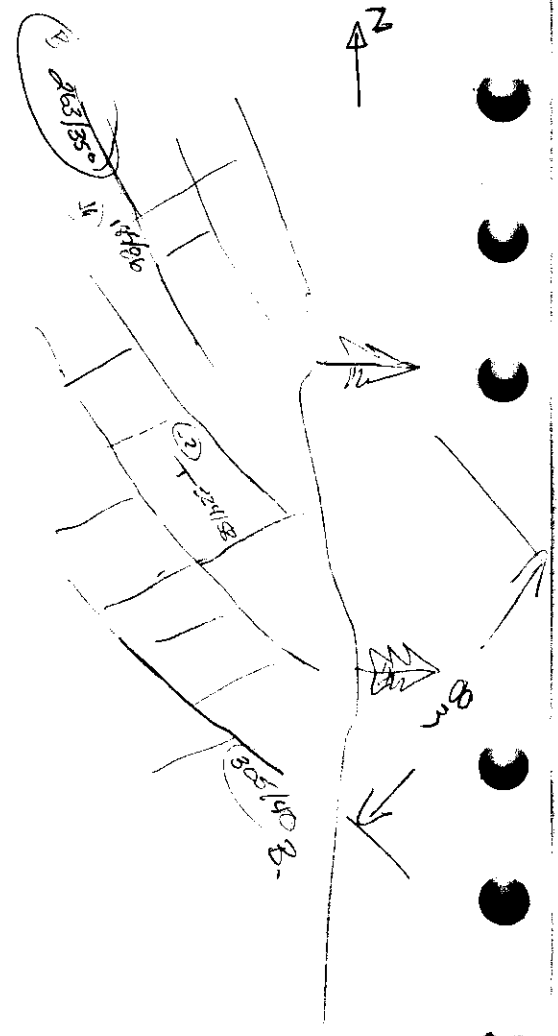
STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	264/38	265/40	263/35°	
	260/36	265/40		
	265/38	306/41		

TYPE	FOLDS		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE			
			188/89	329/58°	
			185/86		

COMMENTS:
Powser **794**
OUTCROP SKETCH (OVER)

ROAD WAY.

VPF



(2)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7685 84/05

DATE <i>June 9/84</i>	GEOLOGIST <i>I.P. VT</i>	OUTCROP <i>P84002</i>	SLIDE/PHOTO
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MAP <i>1032 116</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>542750m</i>	NORTHING <i>6099150m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>ss.</i>	<i>N7</i>	<i>N6</i>	<i>5m</i>	<i>st</i>	<i>M.</i>	<i>a</i>	<i>fairly well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>hard</i>	<i>-</i>	<i>-</i>	<i>ROAD CUT</i>

COMMENTS: *ss. v. poorly cemented. crumbles easily salt & pepper ss.*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>silt</i>	<i>brn. Fe</i>	<i>l. grey</i>			<i>silt</i>		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>plant frag.</i>			<i>bed. in joints</i>	

COMMENTS: *massive.*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

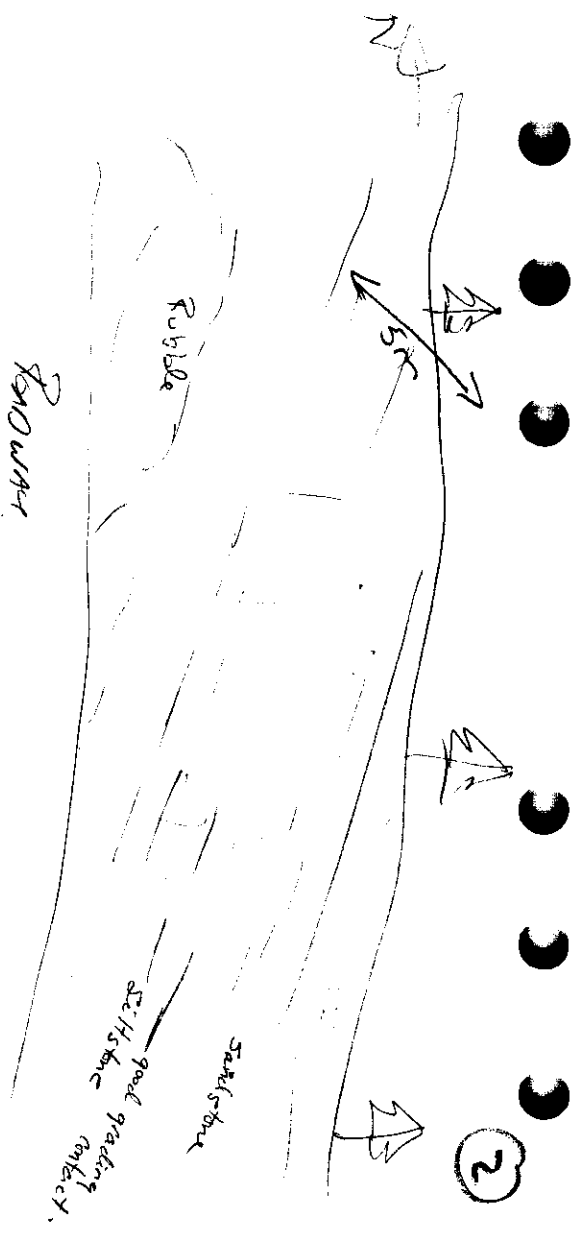
COMMENTS: *Bowser*

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>75/52°</i>	<i>Average.</i>	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: *Poor bedding planes for reading, is s/w. not accurate.*

OUTCROP SKETCH (OVER)



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 9/84</i>	GEOLOGIST <i>L.P. V.T</i>	OUTCROP <i>P84003</i>	SLIDE/PHOTO
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MAP <i>103 I/16</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>542825m</i>	NORTHING <i>6094050m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>s.sl.</i>	<i>5YR 6/1 N6</i>		<i>10m</i>	<i>st. lith</i>	<i>f-med</i>	<i>a</i>	<i>good</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>hard</i>	<i>-</i>	<i>-</i>	<i>ROAD CUT</i>

COMMENTS: *cement good (i.e. hard) in areas & poor (i.e. crumbly) in others.
- abundant slickens.*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

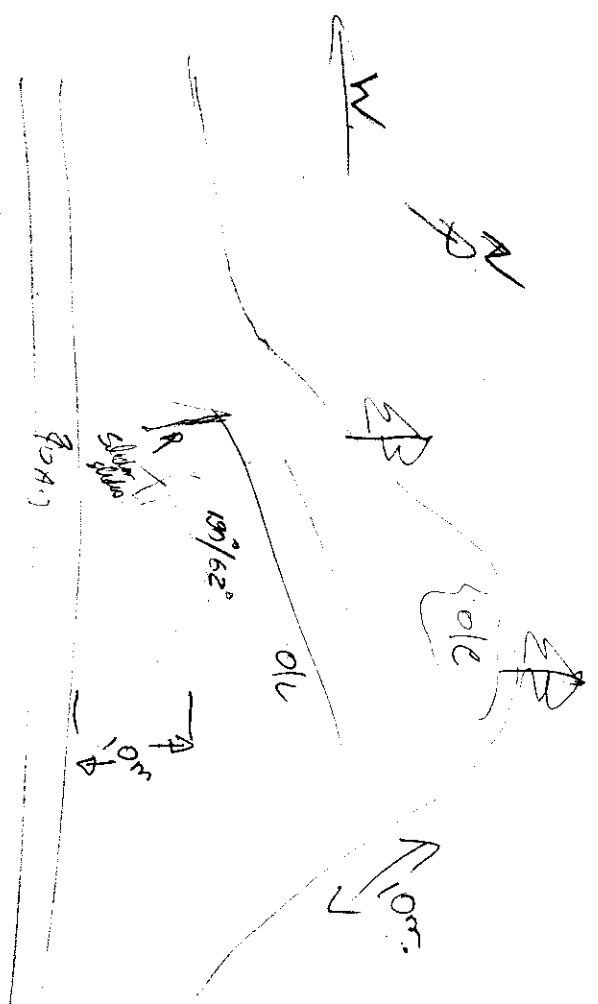
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>1-3°/1-2°</i>	<i>190°/52</i>	<i>*</i>

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: ** ↑ faulted a small non-linear fault.*
Bow SBK

OUTCROP SKETCH (OVER)

2



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM** ①

7685 84/05

DATE <i>June 9/84</i>	GEOLOGIST <i>I.P. V.T</i>	OUTCROP <i>P84004</i>	SLIDE/PHOTO
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MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>543300m</i>	NORTHING <i>6095850m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst.</i>	<i>54R6/1</i>	<i>N5-b</i>	<i>15m</i>	<i>Qtz</i>	<i>med</i>	<i>a</i>	<i>well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>hard</i>	<i>Fe staining</i>	<i>Col. w joints</i>	<i>ROAD CUT</i>

COMMENTS:
*- v. hard (i.e. well cemented)
some slickensides present.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>+2° / +2°</i>	<i>233°/37°</i>	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

②

N. 



15'

4' 8"

130°/35'

232°/37°

235°/37°

Alphany 16



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

①

DATE <i>June 9/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84005</i>	SLIDE/PHOTO <i>Vol. 11/12 Jan 17-13</i>
MAP <i>103P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>544800m</i>	NORTHING <i>6097575m</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sst.</i>	<i>SBY4</i>	<i>5W4/1</i>	<i>4x10</i>	<i>-</i>	<i>fine.</i>	<i>sub- rounded (f)</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>v. hard.</i>	<i>minor Fe.</i>	<i>ripple marks.</i>		<i>20m cut</i>		

COMMENTS: *- photo taken of ripple marks*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

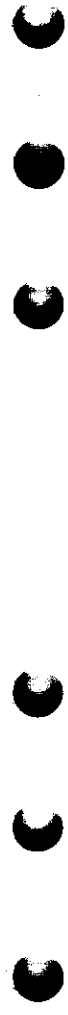
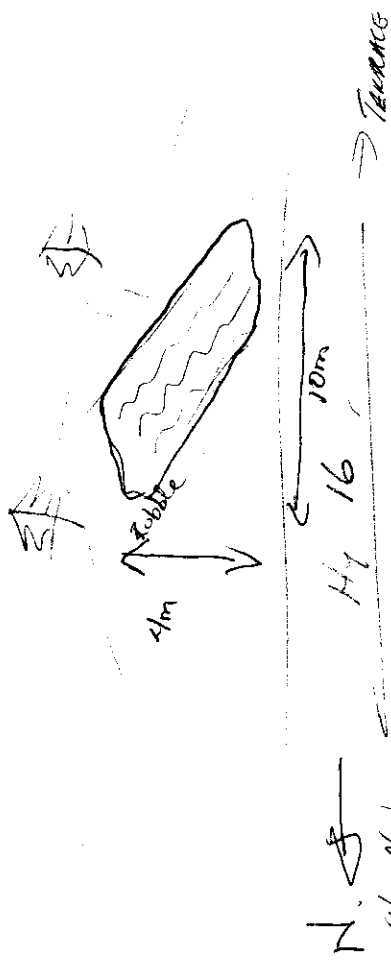
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>+2° / +1°</i>	<i>257/32</i>	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: *Bow, SPK*

OUTCROP SKETCH (OVER)

2



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7685 84/05

DATE <i>June 9/84</i>	GEOLOGIST <i>I.P. VT</i>	OUTCROP <i>P84006</i>	SLIDE/PHOTO
MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>545225m</i>		NORTHING <i>6097800m</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>ss.</i>	<i>5YR 6/1</i>	<i>N 6</i>	<i>ref. to drawing</i>	<i>Fe SiO₂</i>	<i>m</i>	<i>a</i>	<i>fairly well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>hard</i>	<i>Fe. stains</i>		<i>-</i>		<i>Road cut</i>	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>s/st.</i>	<i>N 4.5</i>	<i>N 6</i>	<i>over</i>	<i>Qty lith.</i>	<i>v. fine.</i>	<i>-</i>	<i>good</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>hard</i>	<i>-</i>		<i>Caliche in joints</i>		<i>Road cut</i>	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>+17° / +20°</i>	<i>257°/35</i>	

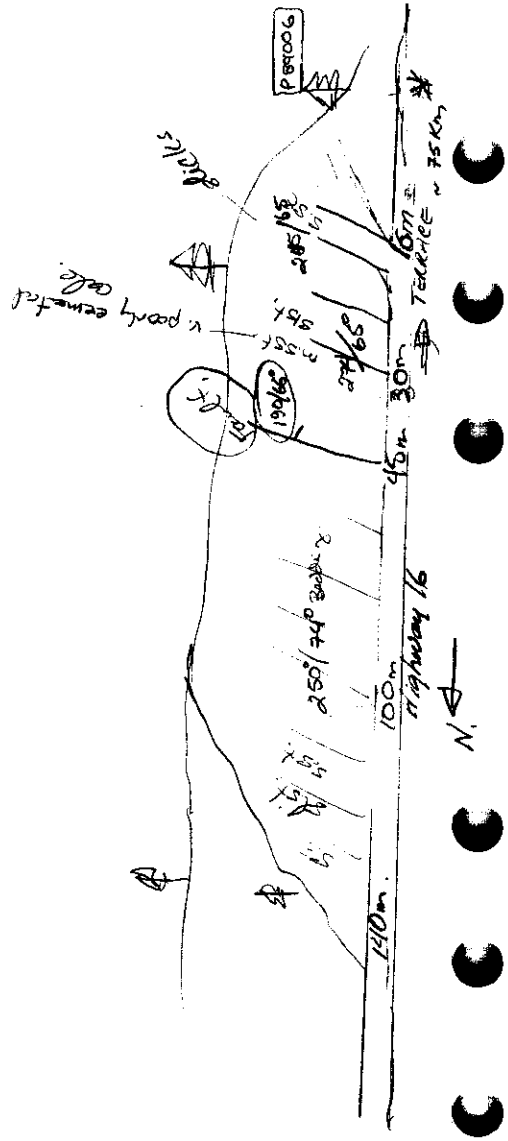
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

②



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 2/84</i>	GEOLOGIST <i>IP V.T</i>	OUTCROP <i>P84007</i>	SLIDE/PHOTO
MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>545550</i>	NORTHING <i>6098000m</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sst.</i>	<i>N5</i>	<i>N6</i>	<i>over to diase</i>	<i>Qtz lith.</i>	<i>f-med</i>	<i>a</i>	<i>Fairly good</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>some Fe</i>	<i>-</i>		<i>ROAD CUT</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

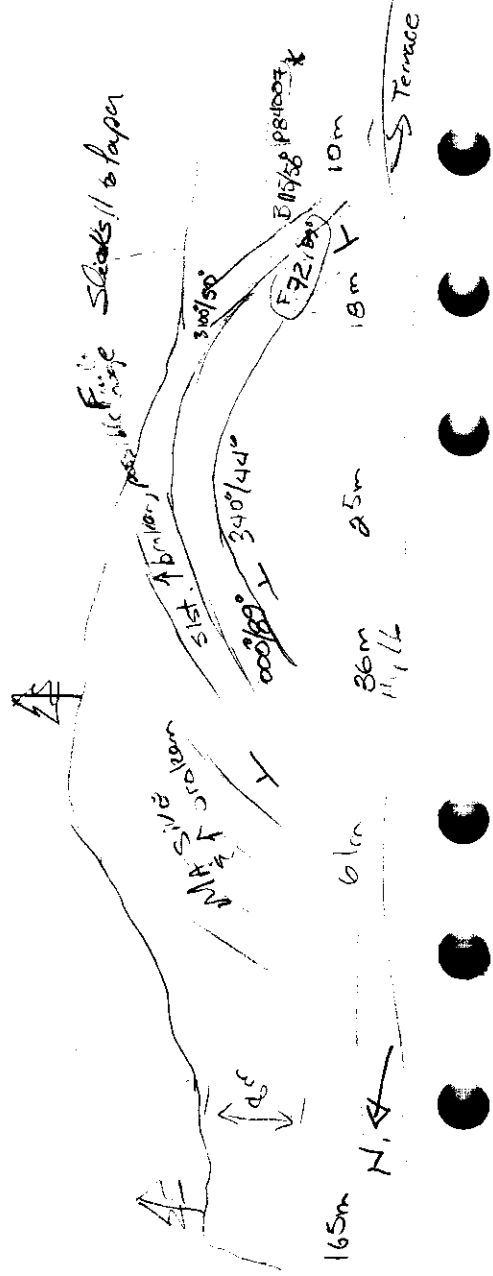
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>EEF SKETCH (OVER)</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowssil

OUTCROP SKETCH (OVER)

2



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7685 84/05

DATE <i>June 9/84</i>	GEOLOGIST <i>IP VT</i>	OUTCROP <i>P84008</i>	SLIDE/PHOTO
MAP <i>103 I/16</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>539 357</i>	NORTHING <i>6089090</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slat</i>	<i>5Y 5/2</i>	<i>N 3</i>	<i>8m</i>	<i>Qtz lith</i>	<i>fine</i>	<i>-</i>	<i>good</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>v. hard</i>	<i>-</i>	<i>Banding</i>		<i>20x10 cut</i>		

COMMENTS:
*some calcite veins.
- very massive & hard.*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

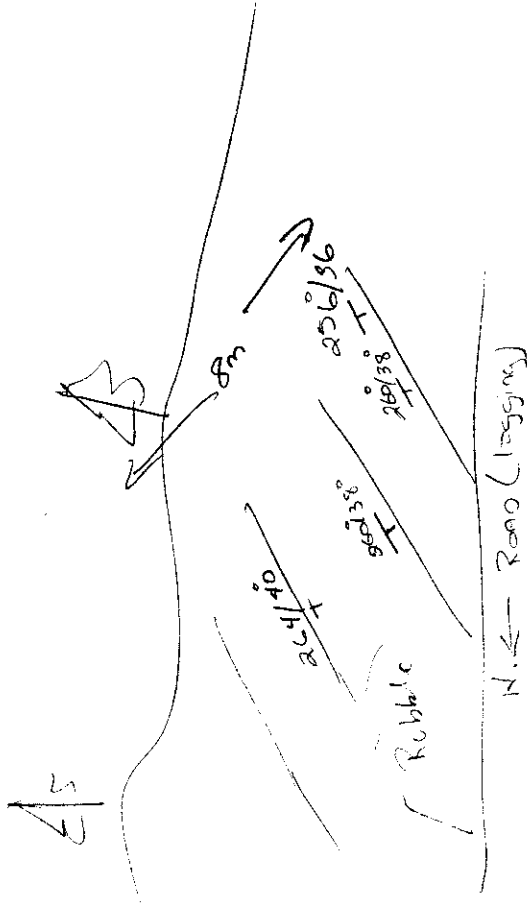
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>+ 4° / + 3°</i>	<i>260 / 38</i>		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

2



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 12/84	GEOLOGIST IP & RB.	OUTCROP P841008a	SLIDE/PHOTO
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MAP 103 I/10	AERIAL PHOTO	SAMPLE(S)
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EASTING 511900	NORTHING 6064575	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	N12	N3	3m	qtz lith.	fine silt	-	good

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	-	-	ROAD CUT

COMMENTS: Fine laminations in float & small ripple marks
1cm weather coat - pebble beds

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	N4	5/4/1	2m	S.O2 Fe flecks	fine-med gr	a	good

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	v. hard	Fe.	-	ROAD CUT

COMMENTS: sst on top of the 1st.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	206/35°N.		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: Bow soil

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 12</i>	GEOLOGIST <i>IP S RB</i>	OUTCROP <i>P84009</i>	SLIDE/PHOTO
MAP <i>103 I/10</i>	AERIAL PHOTO -	SAMPLE(S)	
EASTING <i>510750</i>	NORTHING <i>6065075</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Sist.</i>	<i>NH</i>	<i>N6</i>	<i>5m</i>	-	<i>d.fine silt.</i>	-	<i>good</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>v. hard</i>	<i>Fe.</i>	-		<i>NA.</i>		

COMMENTS: *some small banding
? Fe staining in weathered
- ? mica flees*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>S18°/24°NW</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: *Low Silt*

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 12/84	GEOLOGIST IP & R.B.	OUTCROP PS4010	SLIDE/PHOTO
MAP 105 I/10	AERIAL PHOTO	SAMPLE(S)	
EASTING 510650		NORTHING 6065750	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	N3 N8. narrow	N6	3m	det.? st.	fine gr. sst.	sub angular	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	very hard	Fe.	thickly bedded interbedded silts.		Photo Cut. 5m x 40m		

COMMENTS:
massive grades upwards to silts.
- calcite in joints

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	N4	N2	2m	Qtz	sst.	a	good
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	v hard	micas? ↑ Fe staining	interbedded sands.		5m x 40m Photo Cut		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL		
	W	F	COAL	INTERVAL	DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	20/70 NW.			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Basalt

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 12/84</i>	GEOLOGIST <i>IP. & RB.</i>	OUTCROP <i>P84010a.</i>	SLIDE/PHOTO
MAP <i>103 I/10</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>510575m</i>	NORTHING <i>6065900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S/st</i>	<i>N4</i>	<i>N3</i>	<i>4m</i>	<i>qtz.?</i>	<i>silt. v. fine.</i>	<i>-</i>	<i>good</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>fc. (less than 100% of c)</i>	<i>massive</i>		<i>road cut</i>		

COMMENTS: *Continuation of last q/c.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS: *Bowser*

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 12/84	IP RB	P840106	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/10		

EASTING	NORTHING	ELEVATION
510250	6066150	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Silt/ssl	N4	N3	2-4m	fc.	v. fine	sub. angular	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	v. hard.	-	massive		NATURAL		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE <i>June 12/87</i>	GEOLOGIST <i>I.P. RB.</i>	OUTCROP <i>P84011</i>	SLIDE/PHOTO <i>#24 (I.P.) my camera</i>
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>509100</i>	NORTHING <i>6073175</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>5Y4/1N3</i>		<i>N4N5</i>	<i>partly meta @ contact</i>	<i>v. f. silt</i>	-	<i>well sorted</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	<i>v. hard</i>	<i>Fe</i>	-	<i>Nat. in stream</i>

COMMENTS:
*intrusives overlain, ref. to photo.
@ Mayo Creek bridge*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>16N</i>	<i>5YR8/1</i>	<i>NB to 5YR8/1</i>			<i>med.</i>		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	<i>v. hard</i>	<i>non-bleed.</i>	-	<i>Nat. in stream</i>

COMMENTS:
Photo of contact

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>320°/48NE.</i>		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
low str.

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE June 12/84	GEOLOGIST I.P. RB	OUTCROP PB4012	SLIDE/PHOTO
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 503675m	NORTHING 6075750	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	N4	N6	5m	qtz lith.	1m grain	sub ang.	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	hard	Fe	small laminations			2m x 2m	

COMMENTS:
poor o/e?

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	? 044°/45° NE			

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 12/84	GEOLOGIST L.P. R.B.	OUTCROP P84013	SLIDE/PHOTO -
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MAP 103 1/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 502700	NORTHING 6076450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sist.	N6-N7	N4	3m	qtz lith.	v. fine silt.		well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	Fe	-	Road cut

COMMENTS:
Fe staining on joints.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sist	N3	N6	thinly bedded	qtz lith.	fine gr.	disg.	well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	v. hard.	-	-	Road cut

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
	1	-					

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	45 / 30 NW.		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowsok

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 12/84</i>	GEOLOGIST <i>IP RB</i>	OUTCROP <i>PB4014</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>501090</i>	NORTHING <i>6075675</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Mst/ ELST</i>	<i>N6- N7</i>	<i>N5- N6</i>	<i>10m.</i>	<i>slst- mdst</i>	<i>mf. Fine</i>	<i>-</i>	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>v hard</i>	<i>colicite veins</i>	<i>banded, silts & muds</i>		<i>Rock cut</i>		

COMMENTS:
*very well banded,
excellent o/c*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>25/30°SE</i>			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 84/05

DATE <i>June 12/84</i>	GEOLOGIST <i>I.P. RB</i>	OUTCROP <i>B34014a</i>	SLIDE/PHOTO
MAP <i>103 I/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>500625</i>	NORTHING <i>6075475</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst.</i>	<i>N7</i>	<i>N6</i>	<i>20m</i>	<i>interbedded silt & sh</i>	<i>fine est</i>	<i>sub angular</i>	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>hard</i>	<i>-</i>		<i>soft red deformation</i>		<i>NATURAL</i>	

COMMENTS:

x beds, w sst. & N3 (colour) siltstone.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>066/30° SE</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 12/84	I.P. R.B.	P840146	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
500310	6075275	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slt. br. meta	N6-N7	N2-N3	10m		v.f. gr	sub angular	well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	v. hard	br. meta, mineralized	-	Rock cut.

COMMENTS: - fault zone (possible)
 Sample of mineralization taken.
 - calcite veins near faulted zone in all directions.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
			slight to slides, polished surfaces

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>JUNE 14/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84015</i>	SLIDE/PHOTO
MAP <i>103 P/2</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>512400 m</i>		NORTHING <i>6095600</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Silt.</i>	<i>N5</i>	<i>N3</i>	<i>5m</i>	<i>?</i>	<i>fine</i>	<i>-</i>	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>plant frag</i>	<i>hard</i>	<i>-</i>	<i>well laminated x-bedding</i>		<i>ROAD CUT</i>		

COMMENTS: *contact between underlain silt & oolite. silt shows way up. (right way up) - coalified wood frag. (in some areas)*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5Y 6/1</i>	<i>N5</i>	<i>3m</i>	<i>Qtz</i>	<i>f. med</i>	<i>angular</i>	<i>fairly sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>some plant frag</i>	<i>hard</i>	<i>-</i>	<i>well laminated in areas = silt</i>		<i>ROAD CUT</i>		

COMMENTS: *Deltaic?*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>185°/34 w</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: *Bowson*

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 14/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84016</i>	SLIDE/PHOTO
MAP <i>103 9c</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>512700</i>	NORTHING <i>6096300</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>N6</i>	<i>N4</i>	<i>4m</i>		<i>s.H.</i>	-	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	<i>v. hard</i>	-	-			<i>ROAD CUT.</i>	

COMMENTS: *v. massive, jointed bedding not found. down road 80m. s.s. s1st interbedding w bedding dip/strike*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>N5</i>	<i>N3</i>	<i>3m</i>	<i>qtz</i>	<i>fine</i>	<i>sub angular</i>	<i>fairly sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
<i>wood frag</i>	<i>hard</i>	-	<i>some x-bedding laminations</i>			<i>ROAD CUT</i>	

COMMENTS: *good interbedding (laminations) of s.s. i.s1st. - Deltaic?*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>186/37°</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: *Basal*

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 14/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84017</i>	SLIDE/PHOTO
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MAP <i>103 P12</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>512500</i>	NORTHING <i>6096750</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>N5</i>	<i>N4</i>	<i>2m</i>	<i>Ca284 Plant fossils Qtz lith</i>	<i>f. med grain</i>	<i>sub angular</i>	<i>fairly sorted</i>
FOSSILS <i>plant Frag</i>	INDURATION <i>v. hard</i>	ACCESSORY MIN./STAINING <i>-</i>	BEDDING/SED. FEATURES <i>some laminations</i>		OUTCROP TYPE/SIZE <i>ROAD Cut</i>		

COMMENTS: *-Deltatic?*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>203/66°</i>		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: *Boulder*

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 14/81	GEOLOGIST I.P. R.B.	OUTCROP PB4018	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO 6097000	SAMPLE(S)	
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EASTING 512900 m	NORTHING 6097000 m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Sist/SS	5/6/1	N5	40m	qtz lith.	Fars.	soy angl.	

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
ph. frags	hard	-	some small scale laminatis	Rock Cut

COMMENTS:
very similar to hot o/c.
small coaly band (20cm) found
- Deltaic?

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
COALY mudst. & COALY	N2	N1	20cm	20cm	v. poor coal	slst	slst
					coal stringers		

COMMENTS:
v. 40% calcite stringers in coal
coal zone ↑ fractured.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	202/75°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowers

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 14/84	GEOLOGIST I.P. R. B	OUTCROP P84019	SLIDE/PHOTO
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MAP 103/P2	AERIAL PHOTO	SAMPLE(S)
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EASTING 514075	NORTHING 6098400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	N7	N5	1.5m	cat	m-gr	sub angl	po. w ss

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	carb. cont.		Road Cut

COMMENTS:
- Deltic ?

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
silt.	5YR 4/1	N2	1m		silt.		fairly sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	v. hard	Fe.	-	Road Cut

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	255/35		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-03

DATE June 14/84	GEOLOGIST I.P. R.B.	OUTCROP P84020	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 514775m	NORTHING 6101400m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS.	5YR 8/1	5YR 6/1	2m	pts Fe	f.m	Sub angular	well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	Fe.		ROAD CUT

COMMENTS: SS becomes dark going ~ South down the road 15m

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS/silt	N4	N5	2m	pts	f gr. - silt		fairly sorted SS

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	-	silts (small amount) interbedded.	ROAD CUT

COMMENTS: Deltic? down ROAD 50m again in alternating dk to light bands SS to ss/silt (thickness ~ 2m each)

COAL LITH.	COLOUR		THICKNESS	COAL	COAL	ROOF	FLOOR
	W	F	COAL	INTERVAL	DESCRIPTION		

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	225/5P			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 14/84	GEOLOGIST I.P. R.B.	OUTCROP P8420a	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 514200 m	NORTHING 6101000 m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
continuation of last o/c

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230 / 48			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:
Bowen

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE June 14/89	GEOLOGIST IP RB	OUTCROP P84020b	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 513825m	NORTHING 6100575m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
continuation of P84020 dc

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
	270°/35°		228/40		on contact	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
				RELATION
				Map 5/10/89 IP/P/2

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/09

DATE <i>June 14/84</i>	GEOLOGIST <i>I.P. R.B</i>	OUTCROP <i>P84021</i>	SLIDE/PHOTO <i>Roll # 7 pic 22</i>
MAP <i>103 Pk</i>	AERIAL PHOTO	SAMPLE(S)	<i>R.B. Camera for ripple marks</i>
EASTING	NORTHING	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sist</i>	<i>N5</i>	<i>N4</i>	<i>50m</i>		<i>SS. & fine gr.</i>		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>		<i>Fine laminated & SS. & sist.</i>		<i>ROAD CUT.</i>		

COMMENTS:
*along Road cut occasional o/c for ~50m
- Ripple marks*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>278°/68</i>			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>JUNE 14/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84022</i>	SLIDE/PHOTO
MAP <i>103 Pk</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>516675m</i>	NORTHING <i>6102400</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>Slt/SS</i>	<i>NS</i>	<i>N4</i>	<i>#</i>	<i>Slt Qtz?</i>	<i><lt</i>		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	<i>moderate.</i>	<i>-</i>	<i>some interbedding w ss.</i>		<i>ROAD CUT</i>		

COMMENTS:
** Along Road Cut ~ 80m of semicontinuous o/c. to the same Slt/SS sequences.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>285° / 60°</i>			

FOLDS	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 14/85	GEOLOGIST I.P. RB.	OUTCROP PB4023	SLIDE/PHOTO Roll # 7 Part 23 K. 65 camera
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 515490 m	NORTHING 6098750 m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Silt/ss	N5	N6	8m	f. gr. ss.		subangl. fairly to rounded sorted	

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	v. hard	some Fe	ripple marks	road cut.

COMMENTS: ripple marks very dominate
- current directn down (ref. to photo)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	220°/65°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE <i>June 16/82</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84024</i>	SLIDE/PHOTO
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>517425 m</i>	NORTHING <i>6074100 m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>5YR 4/1</i>	<i>N3</i>	<i>2m</i>	<i>silt. qtz?</i>	<i>s.s.</i>		<i>well sorted</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>v. hard</i>	<i>Fe</i>	<i>-</i>	<i>Road Cut</i>

COMMENTS:
- slight meta. some cleavage to it.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 14/84</i>	GEOLOGIST <i>I.P. R.B</i>	OUTCROP <i>P84025</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>515 925</i>	NORTHING <i>60 76900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				<i>META Volc</i>

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 16/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P840226</i>	SLIDE/PHOTO
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>516625</i>	NORTHING <i>6078100</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sst.</i>	<i>10YR 5/4</i>	<i>5B7/1</i>	<i>3m</i>	<i>43</i>	<i>v. fine sand</i>	<i>-</i>	<i>weal sort</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>very hard</i>	<i>Fe</i>		<i>ROAD cut</i>

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>010°/38°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Bowseil

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8A/05

DATE June 16/84	GEOLOGIST I.P. R.B	OUTCROP P84027	SLIDE/PHOTO
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MAP 108 I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 516775m	NORTHING 607775	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	10% 5/4	N4	1m	Qtz?	silt-	-	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	v. hard	Fe		-		ROAD CUT	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	015°/12°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 04/05

DATE <i>June 16/81</i>	GEOLOGIST <i>I.P. R B</i>	OUTCROP <i>P84028</i>	SLIDE/PHOTO
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MAP <i>103 I 15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>516325m</i>	NORTHING <i>6078490m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Silt</i>	<i>10YR 5/1</i>	<i>N4</i>	<i>3m</i>	<i>St</i>	<i>Silt</i>	-	<i>well sorted</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	<i>in hand</i>	<i>Fe</i>	-	<i>20cm cut</i>

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>230° / 15°</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
	TREND	PLUNGE			

COMMENTS: *Boussix*

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 16/84</i>	GEOLOGIST <i>I.P. RB.</i>	OUTCROP <i>P84029</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>516425</i>	NORTHING <i>6074375</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slst</i>	<i>10YR 5/4</i>	<i>N 7.5B</i>	<i>1m</i>	<i>qtz</i>	<i>s.f.t</i>	-	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>mod. hard</i>	<i>Fe</i>	<i>interbedding ss</i>		<i>ROAD CUT</i>		

COMMENTS:
slst & s.s. thin laminations in mass

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>10YR 5/4</i>	<i>N4</i>	<i>1.5m</i>	<i>qtz</i>	<i>v. fine s'</i>	<i>sub angle</i>	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>mod. hard</i>	<i>Fe</i>	<i>interbedding slst</i>		<i>ROAD CUT</i>		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>180°/15°</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Powstik

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 14/84	I.P. R.B.	P84030	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I 115		

EASTING	NORTHING	ELEVATION
516750 _m	6075150 _m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
slst	W	F	3m	Qtz	Silt	-	with sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	moderate	Fe	-	Road Cut.

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	040°/05°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 16/84	I.P. R.B.	PB4031	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
516625m	6075325m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Silt	W	F	2-3m	qtz	silt.	-	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	soft to moderate	Fe	-		long cut		

COMMENTS:
Ign. intrusion

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	050°/15°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION
				igne intrusion	

COMMENTS:
Bousier

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

at bridge
17.4km

7685 84/08

DATE <i>June 19/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84032</i>	SLIDE/PHOTO
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MAP <i>93M/5</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>583070</i>	NORTHING <i>6126700</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Slst.</i>	<i>5Y4/1</i>	<i>N3</i>	<i>5m</i>	<i>Qtz</i>	<i>Fine silt</i>		<i>well sorted</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>plant frag</i>	<i>moderate</i>	<i>-</i>		<i>Road cut.</i>

COMMENTS: *carbby plant frags*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>			<i>10m</i>	<i>Qtz</i>	<i>med</i>	<i>sub angular</i>	<i>fairly well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>hard</i>	<i>-</i>	<i>-</i>	<i>Road cut</i>

COMMENTS: *partly meta. in areas*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS: *Kimmeridgian to Hauterivian
Intermediate Bowser Lake Subdivisions
(Upper Flood plain facies)*

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>255/50 (SS)</i>	<i>? (S/Sl)</i>	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	<i>N/A</i>	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

(1)

7685 84/05

DATE June 19/84	GEOLOGIST I.P. V.T	OUTCROP P84033	SLIDE/PHOTO
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MAP 93 M/5	AERIAL PHOTO	SAMPLE(S)
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EASTING 583150	NORTHING 6132650	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst	N3	N4	4m	Qtz?	fine-med silt.		well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	mod. hard		-	Rock cut

COMMENTS:
- igneous on both sides, (ref to picture on back)
- some slicks (w calcite) in igneous rks

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S	N34	N5	1m	Qtz.	fine	sub angular	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hard	-	-	Rock cut

COMMENTS:
slst. grades into the SS. s back.
- way up not found.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

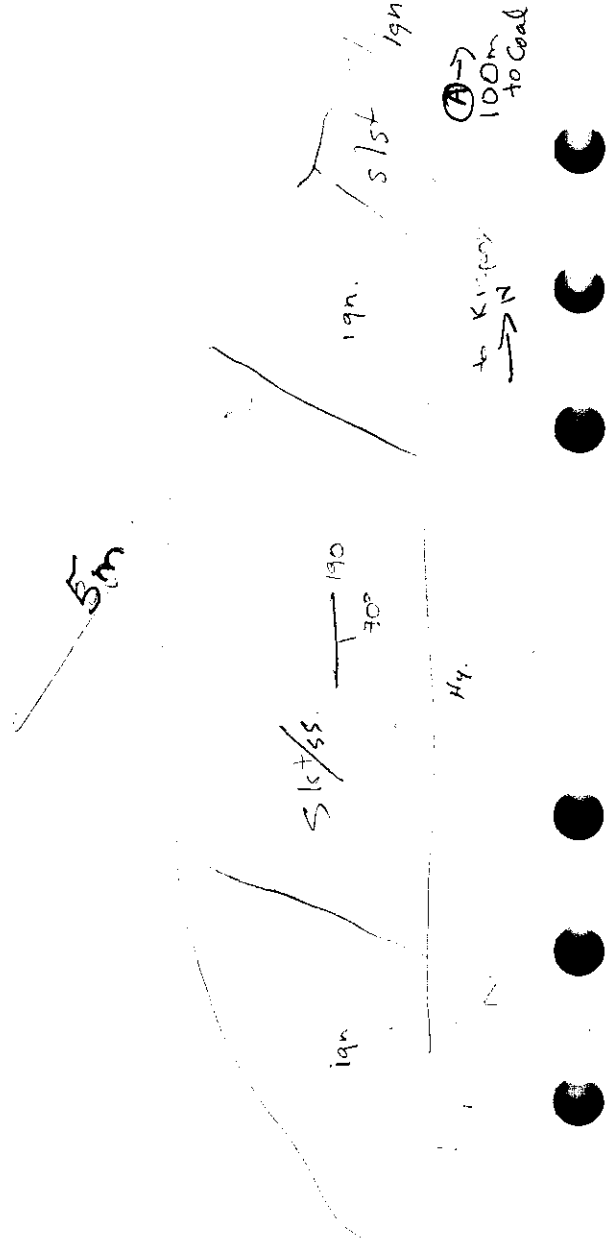
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	190°/70°?		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			igneous int.

COMMENTS:

OUTCROP SKETCH (OVER)

2



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 19/84	GEOLOGIST I.P. V.T.	OUTCROP P84034	SLICE/PHOTO
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MAP 93 M/5	AERIAL PHOTO	SAMPLE(S) P84034
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EASTING 583100	NORTHING 6132825	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst.	N3	N4	0.5m	carbny	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	mod.	-	-	ROAD CUT

COMMENTS:
below coal o/c.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S./slst.	N6	5Y6/1	3m	qtz	fine-med ss.	2 (subang)	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	mod	-	-	ROAD CUT

COMMENTS:
over coal o/c
below igneous int

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
Poor Borden Lanthier	5YR2/1	N2	35cm	35cm	weathered Calcrete veins	S.S.	mdst.

COMMENTS:
coal ↑ weathered.
- poor quality, ↑ carbny mdst.
Coal Sampled P84034

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	355°/20°		

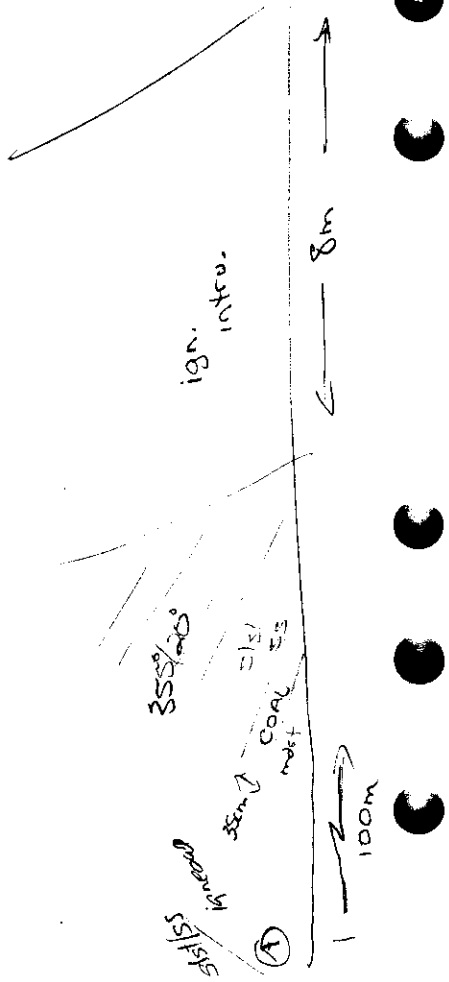
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		NA	intrusive over ss/slst.

COMMENTS:

OUTCROP SKETCH (OVER)

②

→ N
to Kispox



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE <i>June 19/84</i>	GEOLOGIST <i>I.P. V.T</i>	OUTCROP <i>PB4035</i>	SLIDE/PHOTO
MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>580600</i>		NORTHING <i>6144725</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5441</i>	<i>5441</i>	<i>4m</i>	<i>Gts K-clay?</i>	<i>F-coarse</i>	<i>A-r</i>	<i>poorly</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>plant frags</i>	<i>hard</i>					<i>ROAD cut</i>	

COMMENTS:
conky plant frags found only on a few thin planes.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
Hauterivian Upper Bowers Lake (lower flood plain facies)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>05°/25°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 19/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84036</i>	SLIDE/PHOTO
MAP <i>93 M/S</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>5 80150</i>	NORTHING <i>6145275</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slst</i>	<i>5Y6/1</i>	<i>N3</i>	<i>2m</i>		<i>fine silt</i>	-	<i>med</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>plant frag</i>	<i>hard</i>	<i>FC</i>	-		<i>2000 cut</i>		

COMMENTS:
some small coal stringers in the slst

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>N3</i>	<i>5.89/1</i>	<i>4m</i>		<i>fine med</i>	<i>a</i>	<i>poorly</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>v. hard</i>	-	-		<i>2000 cut</i>		

COMMENTS:
Hauterivian Upper Bowser Lake (lower flood plain facies)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
<i>Durian Carbonyl</i>	<i>N3</i>	<i>5YR2/1</i>	<i>10cm</i>	<i>10cm</i>	<i>1 weathered 1 m dot</i>	<i>slst</i>	<i>slst</i>

COMMENTS:
stringers of coal. not continuous.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>286°/66°?</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 19/84</i>	GEOLOGIST <i>L.P. V.T</i>	OUTCROP <i>P84037</i>	SLIDE/PHOTO
MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>580025</i>	NORTHING <i>6145650</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>5G4/1</i>	<i>1V4</i>	<i>25m</i>	<i>qtz</i>	<i>fine coarse</i>	<i>cr</i>	<i>partly</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hand</i>	<i>-</i>	<i>-</i>		<i>ROAD CUT</i>		

COMMENTS: *calc veins. small (1-3cm) carbonyndst stringers*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: *Hauterivian Upper Bowser Lake (lower flood plain facies)*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>232°/59°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

90.6m

7685 84/08

DATE June 19/84	GEOLOGIST I.P. V. T	OUTCROP P84037a	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 579925	NORTHING 6145875	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sist	N6Y4	N4	28m	60's lith.	F- coarse	a-r	poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
plant frag	v. hard	-		-		20m cut	

COMMENTS:
- cont. of last o/c (i.e. not cont. o/c between)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
HAUTERIVIAN, Upper Bower Lake.
(low flood plain facies)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	223°/26°			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 21/84</i>	GEOLOGIST <i>IP. V.T.</i>	OUTCROP <i>P84038</i>	SLIDE/PHOTO
MAP <i>93 M/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>574075</i>	NORTHING <i>6152525</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>N5-6</i>	<i>54/1</i>	<i>3m</i>	<i>Qtz lith</i>	<i>fine</i>	<i>a</i>	<i>poorly</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>moderate</i>	<i>some small Fe flecks (mm scale)</i>		<i>-</i>		<i>Natural</i>	

COMMENTS:
very massive, poorly sorted, Fe may be ? silic not found.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			<i>N/A</i>	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE June 21/84	GEOLOGIST I.P. V.T.	OUTCROP P84039	SLIDE/PHOTO
MAP 93 M/12	AERIAL PHOTO	SAMPLE(S)	
EASTING 572775	NORTHING 6154850	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Slt	5YR 4/1	N 3	2.5m	chert? Qtz	Fine silt.	-	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	moderate to hard	-	-			ROAD CUT.	

COMMENTS:
 ↑ fractured in weathered surface
 - fractures easier in weathered zone
 harder below.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 4/1	N 5	.75m	Qtz lith.	Fine	a	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	moderate	Fe flecks	-			ROAD CUT.	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	165°	55°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			235/86	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7885 84/05

DATE <i>June 21/89</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84040</i>	SLIDE/PHOTO
MAP <i>93 M/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>573175</i>	NORTHING <i>6155225</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sist</i>	<i>NYR4/</i>	<i>N3</i>	<i>115m*</i>	<i>Chert lith</i>	<i>Fine silt.</i>	-	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>mod hard</i>	-	-		<i>Road Cut</i>		

COMMENTS: **115m including sist's ss.*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>54/11</i>	<i>N5</i>	<i>115m*</i>	<i>pk, Fe l.th.</i>	<i>fine</i>	<i>a</i>	<i>very well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>moderate hard</i>	<i>Fe flecks</i>	-		<i>Road Cut</i>		

COMMENTS: *dc continues up road & becomes more massive ~ 100m up road of P84040 station. Some slickensides.*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

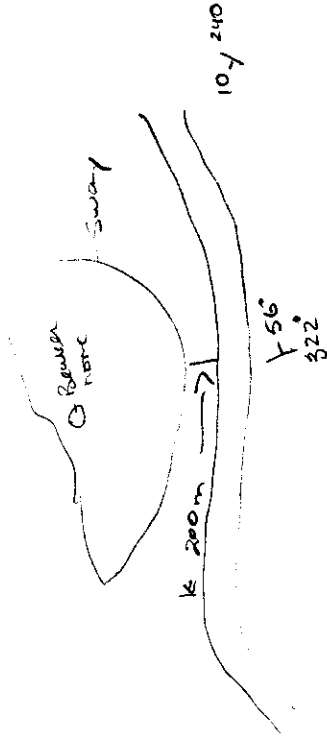
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>320°/70°</i>	-		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			<i>N/A.</i>	

COMMENTS:

OUTCROP SKETCH (OVER)

②

PLATEAU
↑ ↓



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 21/84	I.P. V.T.	P84041	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/12		

EASTING	NORTHING	ELEVATION
573925	6155490	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	10YR 7/4	N5	1.5 m	qtz. lith.	fine	a	well sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	Fe fl. conc.	-		Roms cut.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	145°	160	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			N/A	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 21/84	GEOLOGIST I.P. V.T.	OUTCROP P84042	SLIDE/PHOTO
MAP 93 M/12	AERIAL PHOTO	SAMPLE(S)	
EASTING 569400	NORTHING 6158500	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S.	54/1	54/1	3m	Qtz (6:02) f-med th		a-r	moderate
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	hard	-		-		ROAD CUT.	

COMMENTS: - carbony bands in local areas.

JKB → Bowser Kimmeridgian to HAUTERIVIAN (?) (cont)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: Intermediate Bowser Lake Subdivision (Upper Floodplain facies)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	132° / 45°		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 21/84	GEOLOGIST J.P. V.T.	OUTCROP P84043	SLIDE/PHOTO
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MAP 103 P/g	ERST thief	AERIAL PHOTO	SAMPLE(S)
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EASTING 55.9600	NORTHING 461250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	N4	5Y 4/1	3m	Qtz	fine	a	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	moderate	Fe Flaws	-	2m cut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	290°/55			

FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS
TYPE TREND PLUNGE			TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 21/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>PB4044</i>	SLIDE/PHOTO
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MAP <i>EAST 1/2 103 P19</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>558175</i>	NORTHING <i>6161000</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>5 YR 5/2</i>	<i>N5</i>	<i>4m thick surface exposed</i>	<i>qtz lith</i>	<i>fine</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>hard</i>	<i>-</i>		<i>-</i>		<i>Stream Cut.</i>	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>110°/30°</i>		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 21/84	GEOLOGIST I.P. V.T.	OUTCROP P84045	SLIDE/PHOTO
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MAP East 1/2 103 P19	AERIAL PHOTO	SAMPLE(S)
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EASTING 557550	NORTHING 6162775	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	54	4/11	N5 6m	Qtz Fe flecks thin	F-med	a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	mod hard	Fe Flecks	-	Rock out

COMMENTS:
Massive

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	150°	143°	?

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 21/84	GEOLOGIST I.P. V. T.	OUTCROP P84046	SLIDE/PHOTO
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MAP East 1/2 103 P/9	AERIAL PHOTO	SAMPLE(S)
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EASTING 555000	NORTHING 6165175	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st #4	N3		2m	qtz	fin	-	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	mod	-	Mand'v.e.*	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	* 150°/10°?		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 27/89</i>	GEOLOGIST <i>I.P. VT</i>	OUTCROP <i>P84047</i>	SLIDE/PHOTO
MAP COOT <i>1/2</i> <i>103 P19</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>561875</i>	NORTHING <i>6160275</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Slt</i>	<i>5Y4</i>	<i>N4</i>	<i>3m</i>	<i>qtz?</i>	<i>very fine</i>	<i>-</i>	<i>well sorted</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>moderate</i>		<i>-</i>		<i>BAO cut</i>		

COMMENTS: ** Measured Upper Jr-Lower Cret. Slt, Graywacke, ss, Congl. Minor Lmst, & Coal.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>190°</i>	<i>35°?</i>		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			<i>N/A</i>	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 21/89</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84043</i>	SLIDE/PHOTO
MAP <i>East 1/2 103 P19</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>561525</i>	NORTHING <i>6160900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Slt</i>	<i>N4-5</i>	<i>54R2/1</i>	<i>5 m</i>	<i>-</i>	<i>very fine</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>moderate</i>	<i>-</i>	<i>-</i>		<i>ROAD CUT</i>		

COMMENTS: *Upper L. Cret. Slt, Graywacke, s.s., Gng
Minor Lmst, § Coal.*

#11 Coal Boundary

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>198</i>	<i>25°</i>	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 21/81	I.P. V. T	P84049	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/12		

EASTING	NORTHING	ELEVATION
566940	6162625	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S	N5	BY 6/1	4m*	Qtz lith	Fine	a	well sorted

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
plant frag	very hard	-	Ripple marks	pond cut

COMMENTS:
*down road ~ 50m same sed. comp

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	135°/42		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 21/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84050</i>	SLIDE/PHOTO
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MAP <i>93 M/12</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>567280</i>	NORTHING <i>6163175</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Mdst</i>	<i>N 7</i>	<i>546/11/3</i>	<i>12m</i>	<i>-</i>	<i>fine</i>	<i>-</i>	<i>-</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>moderate</i>	<i>-</i>	<i>-</i>	<i>ROAD CUT</i>

COMMENTS: *broken (weathered) shovels*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>-</i>	<i>-</i>	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 21/81</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84052</i>	SLIDE/PHOTO
MAP <i>93 M/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>566900</i>	NORTHING <i>6162630</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5YR 6/4</i>	<i>15-8</i>	<i>20m</i>	<i>0+ 1.4</i>	<i>fine med</i>	<i>a</i>	<i>moder</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>Fe stain</i>	<i>-</i>		<i>Reap Cut</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>182°/20°</i>		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 21/84</i>	GEOLOGIST <i>I.P. V.T.</i>	OUTCROP <i>P84052</i>	SLIDE/PHOTO
MAP <i>93 M/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>566575</i>	NORTHING <i>6166950</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>10YR 6/2</i>	<i>N8</i>	<i>5m</i>	<i>qtz</i>	<i>med</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>-</i>	<i>x-bedding</i>		<i>road cut</i>		

COMMENTS: *well banded. in area w/ silt bands*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Slat</i>	<i>N6</i>	<i>N4</i>	<i>4m</i>	<i>qtz lth</i>	<i>fine</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>-</i>	<i>x bedding</i>		<i>road cut</i>		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>145°/60°</i>		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 21/84	GEOLOGIST I.R. V.T.	OUTCROP P84053	SLIDE/PHOTO
MAP 93 M/12	AERIAL PHOTO	SAMPLE(S)	
EASTING 567275		NORTHING 6167300	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	10YR 6/2-15	N8-7	8m	Qtz	med	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	x-bedding		Road cut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	N6	N4	4m	Qtz lith	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	x-bedding		Road cut		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	130°/60°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 21/84	I. P. F. V. T.	PB4054	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/12		

EASTING	NORTHING	ELEVATION
568650	6166800	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slst	5Y4/1	N3	25m	stz lith	med silt	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	hand	-		-		Kopp Cut	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	274°/70°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>Line 21/89</i>	GEOLOGIST <i>I.P. V.T</i>	OUTCROP <i>P84055</i>	SLIDE/PHOTO
MAP <i>93 N/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>568900</i>	NORTHING <i>6166625</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>5Y 6/1</i>	<i>N 6-7</i>	<i>10m*</i>	<i>qtz</i>	<i>med</i>	<i>a</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>some Fe</i>	<i>-</i>		<i>ROAD CUT</i>		

COMMENTS: *Salt: pepper, s.s. & silt in a bedded*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Silt</i>	<i>N 4</i>	<i>N 8</i>	<i>10m*</i>	<i>qtz</i>	<i>fine</i>	<i>-</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>hard</i>	<i>-</i>	<i>-</i>		<i>ROAD CUT</i>		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>245°</i>	<i>57°</i>		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 21/84	I.P. V.T.	P84056	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M/12			
EASTING	NORTHING	ELEVATION	
571700	6166650		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	N7	N6	55m	Qtz lith	fine in med in coarse	r	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	soft sed deb. x-bedding		ROAD CUT		

COMMENTS: salt & pepper SS
 * SS & silt interbedded
 (KCB) - Bowser Kimberidgian To Hauterivian (?)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Silt	N4	N3	53m	Qtz	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	soft sed deb. x-bedding		ROAD CUT		

COMMENTS: Intermediate Bowser Lake subdivision (Upper Floodplain facies)

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION		ROOF	FLOOR
	W	F	COAL	INTERVAL				

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	065°	44°		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: **794** OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>784057</i>	SLIDE/PHOTO
MAP <i>93M/S</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>564100</i>	NORTHING <i>6132750</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slst/beds</i>	<i>N4</i>	<i>5GY</i>	<i>6m</i>		<i>silt v. fine</i>	-	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>*</i>	<i>friable</i>				<i>Ridge nodular</i>		

COMMENTS: ** down ridge are some plant fossils in ss.
- flazer beds of silt & fine sand*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>* Horizontal / flat</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>PB4058</i>	SLIDE/PHOTO
MAP <i>93 M/S</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>564750</i>	NORTHING <i>6132550</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S.S.</i>	<i>10 YR 6/2</i>	<i>N6-7</i>	<i>3m⁺</i>	<i>Plz lith?</i>	<i>fine gr.</i>	<i>a-r</i>	<i>poorly</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
<i>-</i>	<i>moderate</i>	<i>-</i>	<i>-</i>			<i>natural ridge</i>	

COMMENTS: *part of continue exposure on ridge*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>335 / 35°</i>			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 28/84	I.P. R.B	PB4059	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/5		

EASTING	NORTHING	ELEVATION
564825	6132525	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	Nb	5Y 6/1	3m	Qtz. lith.	fine med	a-r	poorly

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	hand	-	-	Natural.

COMMENTS:
4' s/d up ridge ~ 100m.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	210/45°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P R.B</i>	OUTCROP <i>PB4060</i>	SLIDE/PHOTO
MAP <i>93 M15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>565100</i>	NORTHING <i>6132450</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slst</i>	<i>N4</i>	<i>54 41</i>	<i>3m⁺</i>	<i>qtz?</i>	<i>fine s.lts</i>	<i>-</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>mod.</i>	<i>-</i>		<i>-</i>		<i>natural</i>	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>035°</i>	<i>35°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/06

DATE June 28/84	GEOLOGIST I.R. R. B	OUTCROP P84061	SLIDE/PHOTO
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MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)
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EASTING 565350	NORTHING 6132400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10 YR 2/2	N5-6	1m ⁺	qz 1/16?	fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	mod	Fe flecs.		-		natural	

COMMENTS:
* on ridge.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	200 / 32			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 28/84	I.P. R.B.	PB4062	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M15		

EASTING	NORTHING	ELEVATION
565600	6132250	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	564 -11	54 6/1	3m L	Qtz Fe. Neo	F-med	a-	poorly

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
branch impressions	mod.	calcare	-	nodular.

COMMENTS: \pm along ridge.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	195°/55			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84063</i>	SLIDE/PHOTO
MAP <i>93M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>565 800</i>	NORTHING <i>6132 350</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slat.</i>	<i>54 4/1</i>	<i>54 2/1</i>	<i>4m</i>	<i>7.0% (chert)</i>	<i>fine silt</i>	-	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>mod.</i>	<i>Fe staining in areas</i>	<i>x-bedding</i>		<i>retorted.</i>		

COMMENTS: * - 150m along ridge @ a on map. 273°/15°
in saddle @ b on map. 015°/130

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		MEAN	FAULTS TYPE ORIENT. DISP.
	RANGE			
	<i>273/15</i>	<i>015/130</i>		
	<i>225°/145°</i>			

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 28/81	GEOLOGIST I. P. R. B.	OUTCROP P84064	SLIDE/PHOTO
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MAP D3 M15	AERIAL PHOTO	SAMPLE(S)
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EASTING 565750	NORTHING 6132250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	N5	N6	8m	St.	Fine	a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
Broken plant Frag.	hard	-	-	NAT

COMMENTS: * @ station P84064 & down from peak

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st	B5	N6	8m	St.	Sill	-	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant Frag.	hard	-	-	NAT

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	350°/18	225/23*	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84065</i>	SLIDE/PHOTO
MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>565950</i>	NORTHING <i>6132550</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>N5</i>	<i>N6</i>	<i>2m</i>	<i>Qtz 1-2</i>	<i>F. 0.2</i>	<i>a</i>	<i>fairly well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
<i>-</i>	<i>hard</i>	<i>-</i>	<i>-</i>			<i>natural ridge</i>	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>290/15°</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 28/81	I.P. R.B	PB4066	

MAP	AERIAL PHOTO	SAMPLE(S)
23 M/5		

EASTING	NORTHING	ELEVATION
566000	6133100	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st.	NS → 54R/1	54R 2/2	5m	finest?	v. fine	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
plant remains	hard	-	xbedding	NATURAL Ridge Crest

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	815°/15°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 28/84	I.P. R.B.	P84067	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M15		

EASTING	NORTHING	ELEVATION
566450	6133150	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 4/1	N5	10 m	Qtz.	VERY FINE	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	-		ridge crest		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	012°/68°			

FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS
TREND	PLUNGE		TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>P84068</i>	SLIDE/PHOTO
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MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>566850</i>	NORTHING <i>6133100</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS.</i>	<i>10YR 6/2</i>	<i>5Y 6/1</i>	<i>* 2m</i>	<i>Qtz.</i>	<i>fine sand</i>	<i>a</i>	<i>well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>hard</i>	<i>-</i>	<i>x-bedding w silt.</i>	<i>Ridge.</i>

COMMENTS:
*Right way up.
* on ridge is snow - may cont further*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Silt</i>	<i>10YR 6/2</i>	<i>1N3</i>	<i>2m</i>	<i>Qtz possible Fe</i>	<i>fine silt</i>	<i>-</i>	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>had</i>	<i>Fe flecs</i>	<i>x-bedding w sand</i>	<i>ridge.</i>

COMMENTS:
** P84068a ~100m down (S10 @ 75/110°)
Plant frags & one spherical calcite concreted
S.S. nodules.*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>210°/85°</i>	<i>275/116°</i>	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 28/84	I.P. R.B.	P84069	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/5		

EASTING	NORTHING	ELEVATION
566850	6133100	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sist.	N4	N5	4m	Qtz lith	med	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant frag	hard part	-	x-bedding -ke sands		Ridge crest		

COMMENTS: Non-consolidated in crevices.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	N4	N5	4m	Qtz lith	Fine		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant frag	hard *	-	x-bedding		Ridge NAT		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	008°/79			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 28/84	GEOLOGIST I.P. R.B.	OUTCROP P84070	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 567200	NORTHING 6133050	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS.	N7	5Y 6/1	3m	Qtz (Cert)	fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
broken plant remains	hard	-	x bedding in the SS.		Ridg NATURAL		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st	N3	N2	3m	7	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	hard	-	some x-bedding at top in SS		NAT		

COMMENTS:

s1st broken up? (friable)

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	037/48°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 28/84</i>	GEOLOGIST <i>I.P. RB</i>	OUTCROP <i>P84071</i>	SLIDE/PHOTO
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MAP <i>93M15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>567600</i>	NORTHING <i>6133100</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S.S.</i>	<i>N6</i>	<i>5YR 2/1</i>	<i>4m</i>	<i>Qtz.</i>	<i>fine</i>	<i>a</i>	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>X-bed in silt</i>	<i>NAT</i>

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S1st.</i>	<i>N4</i>	<i>N2</i>	<i>4m</i>	<i>Qtz.</i>	<i>fine silt</i>	<i>a</i>	<i>well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>X-bed in sand</i>	<i>NAT</i>

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>226/38</i>		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE <i>July 1/84</i>	GEOLOGIST <i>I.P. & R.B.</i>	OUTCROP <i>P84072</i>	SLIDE/PHOTO
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MAP <i>93 L13</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>622500 m</i>	NORTHING <i>5999000 m</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>5 Y</i> <i>7/2</i>	<i>5 G Y</i> <i>5/2</i>	<i>3x20m</i>	<i>Det. micaceous green ground</i>	<i>fine</i>	<i>a</i>	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>massive</i>	<i>ROAD CUT.</i>

COMMENTS: *↑ massive no s/d. or bedding features. Glauconitic*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: *SKENA*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 1/84	GEOLOGIST I.P. R.B	OUTCROP P84073	SLIDE/PHOTO
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MAP 93 L/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 621475	NORTHING 5998300	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S	10YR 7/4	10YR 6/2	5X15m	Fe Flecs. on ? biotite muscovite	finegr	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	some regional Fe stains	-		ROAD CUT		

COMMENTS:
SILEXNA

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 1/89</i>	GEOLOGIST <i>I.P. + R.B</i>	OUTCROP <i>P8907A</i>	SLIDE/PHOTO
MAP <i>93 L13</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>618300</i>	NORTHING <i>5997150m</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S</i>	<i>10 Y</i> <i>4/2</i>	<i>5 Y</i> <i>8/2</i>	<i>4x14m</i>	<i>Det. musc. ?</i>	<i>Fine</i>	<i>a-r</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>-</i>		<i>NATURAL Hill side</i>		

COMMENTS:

SILICEA

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>?030°/58°?</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 1/84	GEOLOGIST I.P. R.B.	OUTCROP PB40 75	SLIDE/PHOTO
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MAP 934/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 621475	NORTHING 5997150	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 5/2	5Y 3/2	1x5m	Qtz. mic. or Ac?	Fine	a-t	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	-	ROAD CUT.

COMMENTS: 70baconitic
skeena

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	334°	132°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 1/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>784076</i>	SLIDE/PHOTO
MAP <i>93 L13</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>619100</i>	NORTHING <i>5991350</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>5GY 4/1</i>	<i>5B 5/1</i>	<i>Rubble? 2x10m</i>	<i>det. musc green grs.</i>	<i>v. fine</i>	<i>arr</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>very hard</i>	<i>det. musc.</i>		<i>-</i>		<i>Rock Cut -</i>	

COMMENTS: *Calcareousitic.
SKEENA*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 1/89	GEOLOGIST I.P. R.B.	OUTCROP P84077	SLIDE/PHOTO
MAP 93 L13	AERIAL PHOTO	SAMPLE(S)	
EASTING 603800	NORTHING 5988750	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Congl.	5YR 5/2	5BG. 3/2	1-4m	vole. clasts to pebbles	fine silt a-r		poorly sorted
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	HARD	concrete flec. stain		-		ROAD Cut.	

COMMENTS:
matrix supported.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
SKEENA

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 1/84	GEOLOGIST I.P. R.B.	OUTCROP P84078	SLIDE/PHOTO
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MAP 93 L13	AERIAL PHOTO	SAMPLE(S)
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EASTING 608380m	NORTHING 5993500m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 4/4	5Y 5/2	Rubble ?	Det. truss. Rt?	very fine	a-r	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	Y.Hard	-	Massive	CAT dug up @ road side

COMMENTS: ? glauconitic
Down Road 500m

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	10YR 5/4	10YR 6/2	25x2m	lithic ?	v. fine	a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	Massive	Road cut

COMMENTS:
SILENA

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>July 11/84</i>	GEOLOGIST <i>IP. R. B</i>	OUTCROP <i>PB4079</i>	SLIDE/PHOTO
MAP <i>9343</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>615200</i>	NORTHING <i>5991850</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S</i>	<i>5Y 7/2</i>	<i>5GY 5/2</i>	<i>5x1m</i>	<i>Det musc green grad</i>	<i>v. fine</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>Massive</i>		<i>ROAD CUT</i>		

COMMENTS: *glauconitic. SKEENA*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE <i>July 1/84</i>	GEOLOGIST <i>I.P. R.B.</i>	OUTCROP <i>PB4080</i>	SLIDE/PHOTO
MAP <i>93 4/3</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>615 500</i>	NORTHING <i>5991550</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>N4</i>	<i>N3</i>	<i>2m</i>	<i>25% ? 1:1h</i>	<i>fine</i>		<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>possible Belem</i>	<i>MODERATE</i>	<i>-</i>	<i>-</i>		<i>NATURAL</i>		

COMMENTS:
SKENA.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 1/84	I.P. R.B.	P84081	

MAP	AERIAL PHOTO	SAMPLE(S)
93 L/3		

EASTING	NORTHING	ELEVATION
613950	5988400	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS.	5Y 7/2	5GY 5/2	1Y 3m	Det musc. grains	v. Fine	~	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	-		Road cut		

COMMENTS: glauconitic SKOFNA -

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 1/84	GEOLOGIST I.P. R.B.	OUTCROP P84082	SLIDE/PHOTO
MAP 93 L13.	AERIAL PHOTO	SAMPLE(S)	
EASTING 614150	NORTHING 5989850	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 7/2	5G4 5/2	2x1m	Det. Musc. glauconitic	v. fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	massive		P. 20 AND G. 1.		

COMMENTS: glauconitic.
SKEENA

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
			TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 2/84	I.P. J.S.	PB4083	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M/A			
EASTING	NORTHING	ELEVATION	
569700m	6101700m		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5Y 6/4	5Y 5/2	Rubble 10X15	Qtz. lith	F-c.	A-r	poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	mod.	some Fe flecks		-		Ridge Crest	

COMMENTS: Massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION
			N/A		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 2/84	GEOLOGIST I.P. J.S.	OUTCROP PB9084	SLIDE/PHOTO
MAP 93 M/A	AERIAL PHOTO	SAMPLE(S)	
EASTING 570000	NORTHING 6101375	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S	5 Y 4/1	5 G. 4/1	5 m	blk?	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	mod.	-	-		Ridges		

COMMENTS:
 very massive. in rubble boulders
 fractured. of ss. fine cong (beach type)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	? 025°/41°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			N/A	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 2/89</i>	GEOLOGIST <i>J.P. J.S.</i>	OUTCROP <i>PB4085</i>	SLIDE/PHOTO
MAP <i>93 M/A.</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>570100</i>	NORTHING <i>6101200</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S.S.</i>	<i>5YR 4/1</i>	<i>5Y 9/1</i>	<i>3m</i>	<i>lith. 2</i>	<i>Fine</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>M.O.O.</i>	<i>-</i>	<i>-</i>		<i>Ridge.</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>024 55°</i>			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	<i>N/A</i>			

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE July 21 89	GEOLOGIST IP JS	OUTCROP P81086	SLIDE/PHOTO
MAP 93 M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 570350	NORTHING 6100750	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S	5YR 9/1	5Y 4/1	5m	lith	Fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Mo.	-	-		Ridge.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	030°/40°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 2/84	L.P. J.S.	P84087	
MAP	AERIAL PHOTO	SAMPLE(S)	
93M/A			
EASTING	NORTHING	ELEVATION	
570525	6100550		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5Y 6/1	5Y 4/1	15m	Qtz lith.	Fine	a	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Moderate	-	↑ angle x-beddo. massive		Ridge top.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION
			N/A		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>July 21/84</i>	GEOLOGIST <i>I.P. J.S.</i>	OUTCROP <i>P84088</i>	SLIDE/PHOTO
MAP <i>93 M/A</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>570250 m</i>	NORTHING <i>6100000</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S.S.</i>	<i>5Y 3/2</i>	<i>5Y 5/2</i>	<i>*</i>	<i>lith. ?</i>	<i>fine</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
<i>-</i>	<i>MDD-HARD</i>	<i>-</i>		<i>x-bedding</i>	<i>Ridge</i>		

COMMENTS: ** - continual since last of along ridge*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 2/89</i>	GEOLOGIST <i>L.P. J.S.</i>	OUTCROP <i>P84089</i>	SLIDE/PHOTO
MAP <i>93 M/A</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>569850m</i>	NORTHING <i>6099600m</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>5YR 4/1</i>	<i>N5</i>	<i>8m</i>	<i>Qtz lith</i>	<i>fine</i>	<i>2</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>HALO</i>	<i>Fe flecks</i>	<i>-</i>		<i>Ridge crest</i>		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>260°/25°</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE July 2/84	GEOLOGIST I.P. JS	OUTCROP P84090	SLIDE/PHOTO
MAP 93 M/A	AERIAL PHOTO	SAMPLE(S)	
EASTING 570000	NORTHING 6099800	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.?	5Y 6/1	5Y 8/1	30m	ign. grains	F-c.	A-a	very poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	HARD	*	-			Ridge	

COMMENTS: *igneous (volcanic) grains, clasts.
fine s.s. matrix.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 4/89	GEOLOGIST I.P. V.T.	OUTCROP P84091	SLIDE/PHOTO
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MAP 93 L/11	AERIAL PHOTO	SAMPLE(S)
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EASTING 648000	NORTHING 6067000	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10 R 3/4	10 R 2/2	4x20m	?	v. fine	a	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	V.H.	Fe stains	massive	ROAD Cut.

COMMENTS: Some minor slickens
Possible TELKWA

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 4/84	GEOLOGIST I.P. V.T.	OUTCROP P84092	SLIDE/PHOTO
MAP 93 L/11	AERIAL PHOTO	SAMPLE(S)	
EASTING 615650	NORTHING 606550	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10 R 314	10 R 212	2x8m	?	fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	V. H.	Fe stains	MASSIVE		ROAD CUT		

COMMENTS: Possible TELKWA

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

542 2002
542

7885 84/05

OUTCROP DESCRIPTION FORM

DATE July 4/84	GEOLOGIST I.P. V.T.	OUTCROP P84093	SLIDE/PHOTO
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MAP 93 L/14	AERIAL PHOTO	SAMPLE(S)
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EASTING 612450	NORTHING 6068600 m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	10R 314	5R 2/2	1x8m	? lith.	Fine	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	V.H.	Fe stains	- MASSIVE	ROAD Cut

COMMENTS:
POSSIBLE
TELKWA

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 4/84	GEOLOGIST I.P. V.T.	OUTCROP P84094	SLIDE/PHOTO
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MAP 93413	AERIAL PHOTO	SAMPLE(S)
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EASTING 584575	NORTHING 6071625	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
silt	N5	N4	0.5m	lt. lith	fine	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
*	HARD	some Calcareous veins	-	cut back on layer

COMMENTS: * bivalve found on bank (not in the siltstone).

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: POSSIBLE HAZELTON

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	076°/15°			

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
			TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>July 7/84</i>	GEOLOGIST <i>I.P. JS.</i>	OUTCROP <i>P84095</i>	SLIDE/PHOTO
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MAP <i>93 M/3</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>610060</i>	NORTHING <i>6103850</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S1st</i>	<i>10YR 7/4</i>	<i>N3</i>	<i>1m</i>		<i>fine</i>	-	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	<i>Very Hard</i>	-	-	<i>Creek o/c</i>

COMMENTS:

SICEENA.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>242°/15°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 7/89	GEOLOGIST L.P. JS	OUTCROP P84096	SLIDE/PHOTO
MAP 93 M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 609800	NORTHING 6103800	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S	5/8 3/2	N4	2m	qtz lit	mf.	q-r	poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	HARD	-	-			Creek NATURAL	

COMMENTS:

SILEE NA

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE July 7/81	GEOLOGIST I.P. J.S.	OUTCROP P84097	SLIDE/PHOTO
MAP 93 M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 609525	NORTHING 6103700 m	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S	10YR 4/2	N5	3m	st	fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	V.H.	-	-		Creek NAT		

COMMENTS:

SILFENA

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	120°/05°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 27/84	I.P. J.S.	PB1098	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M13		

EASTING	NORTHING	ELEVATION
609375	6103800	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Slt	10YR 6/2	N4	1m	st?	v fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	v. H	-	-		Creek in bed		

COMMENTS:
SILEENA

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 7/89	I.P. J.S.	P89099	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/3		

EASTING	NORTHING	ELEVATION
609150	6104325	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Silt	10YR 7/4	N3	2m	Qtz lith	Fine	acr	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	VIH	-	Main			Crack o/c	

COMMENTS:

SILENT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 7/89	I.P. J.S.	P84100	

MAP	AERIAL PHOTO	SAMPLE(S)
03A/B		

EASTING	NORTHING	ELEVATION
609350	6105450	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5Y 4/1	N5	2m	st	m-f	a:A	poorly

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	V.H	-	cut & pebbles S.S.	Cracks o/c.

COMMENTS: Massive

SILEXNA

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 18/84	GEOLOGIST I.P. J.S.	OUTCROP P84101	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 526850	NORTHING 6100100	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S.	N45	N6	30m	qtz chert	v. fine a		well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	laminated	Ridge top.

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	245°/59°			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 18/84	GEOLOGIST I.P. J.S.	OUTCROP P84102	SLIDE/PHOTO
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MAP 103 P12	AERIAL PHOTO	SAMPLE(S)
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EASTING 526750	NORTHING 6100340	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS.	N4	N6	6m	Qtz lith	v. fine	a	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	laminated w slst		Ridge top		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Slst.	N2	5YR 2/1	6m	-	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	laminated w slst		Ridge top		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	225/63			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 18/89	I.P. J.S.	P84103	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/2		

EASTING	NORTHING	ELEVATION
527000	6100900	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5Y 8/1	N 67	8m	qtz lith.	med	A	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	very massive	Top!

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	230° / 50°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 18/84	GEOLOGIST I.P. J.S.	OUTCROP P84104	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 526850	NORTHING 6101200	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	N5	N7	5m	Qtz lith	med	A-a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	Some (very few) Fe flecks	MASSIVE	R. dip top

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 18/84	L.P. J.S.	PB9105	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/2		

EASTING	NORTHING	ELEVATION
527050	6101600	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slt	5Y 4/1	N4	8m*	Qtz	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	massive		ridge etc.		

COMMENTS:
* Part of ridge exposure, which is ~60m thick

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 18/84	I.P. JS	P8406	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P12		

EASTING	NORTHING	ELEVATION
527075	6101600	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S	10YR 4/2	N6	9m	Qty lith	med	a	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	Massive		Ridge top		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 18/84	J.P. J.S.	P84107	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/2		

EASTING	NORTHING	ELEVATION
528050	6100400	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	5Y	N7	6m	lith	fine		
	712			qtz			air well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HAZO	-	Massive	Ridge bp.

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 20/81	L.P. L.S.	P84108	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/13		

EASTING	NORTHING	ELEVATION
574 925	6182800	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10YR 5/4	10YR 6/2	3 m*	qtz.	v. fine	a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	Fe	some laminations. - massive	Ridge top

COMMENTS: Exposed on Ridge top.
- calcite stringers

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	135 / 50°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 20/81	I.P. J.S.	P84109	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/13		

EASTING	NORTHING	ELEVATION
574910m	6183000m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10YR 5/4	10YR 6/2	3m	Qty	fine	a	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
bi-voids	HARD	Fe	Massive	Edge.

COMMENTS: * exposed of same cont. dc.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 20/81	I.P. JS.	P84110	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/13		

EASTING	NORTHING	ELEVATION
574550	6183375	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sls	N4	54 4/1	3m	-	v. Fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Mod.	-	Massive		Ridge.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	330°/62		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 20/88	GEOLOGIST I.P. J.S.	OUTCROP P84111	SLIDE/PHOTO
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 574100	NORTHING 6183900	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	10YR 6/2	Nb-7	3m	org lith	fine	a	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Some bivalves	HARD	Fe.	-		Ridge side		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 20/84	GEOLOGIST I.P. J.S	OUTCROP PB4112	SLIDE/PHOTO
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MAP 93M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 573850	NORTHING 6184050	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S.S.	5G 2/1	N4	3m	lith	fine	ar	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	fine Fe	massive		Ridge top		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	184°/45°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>July 20/84 P.J.S.</i>	GEOLOGIST <i>J.S.</i>	OUTCROP <i>P84113</i>	SLIDE/PHOTO
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MAP <i>93 M/13</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>574 850</i>	NORTHING <i>6184 650</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SPL N76 N5</i>			<i>2.5m</i>	<i>lith.</i>	<i>fine</i>	<i>-</i>	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>Di-valves</i>	<i>MARO-</i>	<i>-</i>	<i>-</i>	<i>Ridge side</i>

COMMENTS: *some fossils compl. replaced - these impressions.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>315°/41°</i>		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 20/84	I.P. J.S.	P84114	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/13		

EASTING	NORTHING	ELEVATION
574075	6185150	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	5Y 4/1	5Y 3/2	7m	lith.	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	Laminated w a lighter silt (10% R)		Ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	130/67			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 27/84	I.P. JS	P84115	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/13		

EASTING	NORTHING	ELEVATION
574075	6185350	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	N7	HS	5m	qtz lit	med	av	very vel
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Plant frag	HARD	SME Fe	-		Ridge top		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 20/87	GEOLOGIST I.P. J.S.	OUTCROP P84116	SLIDE/PHOTO
MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)	
EASTING 573200	NORTHING 6185850	ELEVATION	

GEOLOGY							
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slst	10YR 4/2	5Y 4/1	2m	-	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	HARD	some Fe				Edge top.	

COMMENTS: * Between this & last station sections do slst. interbedded (N45 S Y 6) & mdst N/3

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7885 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>July 20/84</i>	GEOLOGIST <i>I.P. J.S</i>	OUTCROP <i>P84117</i>	SLIDE/PHOTO
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MAP <i>93 M/1B</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>572950</i>	NORTHING <i>6186025</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
<i>Slsst</i>	<i>54 4/11</i>	<i>N/b</i>	<i>2m</i>	<i>lith?</i>	<i>fine</i>	<i>-</i>	<i>very well</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>bivalves</i>	<i>MOD</i>	<i>-</i>	<i>-</i>	<i>Ridge top</i>

COMMENTS:

MINOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W	COLOUR F	THICKNESS COAL	THICKNESS INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 20/89	GEOLOGIST I.P. JS.	OUTCROP P84118	SLIDE/PHOTO Photo # 10* lan's
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 572550	NORTHING 6186550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5Y 4/1	N5-6	2.5m	Qtz lith	f. med	A-r	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	V.H.	Some Fe flecks	Munivc		Ridge side		

COMMENTS:
* Anticline East of Station, over ridge
unable to access for S/O.
put approx on map.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 22/84	GEOLOGIST I.P. J.S.	OUTCROP P84119	SLIDE/PHOTO
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MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 530750	NORTHING 6094300	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst.	5B 5/1	N4	3.5m	-	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Mod.	-	-		Ridg top.		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	160/45			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/04	I.P. JS.	P89120	
MAP	AERIAL PHOTO	SAMPLE(S)	
103 E/15			
EASTING	NORTHING	ELEVATION	
530150	6093950		
GEOLOGY			
MAJOR LITH.	COLOUR W F	THICK	COMP. GRAIN SIZE R S
Slt	SY 6/11 N4	5m	lith v fine - very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES OUTCROP TYPE/SIZE
-	Moo	Some Fe	Some laminations ridge in areas

COMMENTS:

MINOR LITH.	COLOUR W F	THICK	COMP. GRAIN SIZE R S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F	THICKNESS COAL INTERVAL	COAL DESCRIPTION	ROOF FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7885 84/05

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/84	I.P. J.S.	P84127	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
529900	6093850	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS.	5YR 4/1	N6	3m	lith	fine	ar	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	Fe	massive	ridge top.

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/84	I.P. J.S.	FB4122	

MAP	AERIAL PHOTO	SAMPLE(S)
103 ± 15		

EASTING	NORTHING	ELEVATION
529225	6094000	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slt	5/3/2	N4	7m	-	v.f. e	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	lamination	Ridge

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/84	I.P. J.S.	P84123	

MAP	AERIAL PHOTO	SAMPLE(S)
103I/15		

EASTING	NORTHING	ELEVATION
528 150	60 936 00	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slst	57R 4/1	N5	4m	1/2	-	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MODER.		interbedded with N5 slt.		Ridge.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	N6	5Y6/1	Rubble Below Slst	1st	fine	or	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant & frags	HARD	-	-		Rubble on ledge		

COMMENTS: * in one piece of rubble only!

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	200/25			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS RELATION	
				TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/84	I.P. J.S.	P84124	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
528160	6093600	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 2/2	5 Y 6/11	2.5m	lith	fine	as	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	small Fe	Massive to some silt laminations top		Ridge		

COMMENTS: near the base (silt contact) (found in rubble i.e. no SID)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
silt	N3	N4	2.5m* exposed	-	v.f.	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	Massive		Ridge		

COMMENTS: *Rubble around hill side

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE <i>July 22/81</i>	GEOLOGIST <i>I.P. J.S.</i>	OUTCROP <i>P84125</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>527 800</i>		NORTHING <i>609 4150</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Sls</i>	<i>N5</i>	<i>N4</i>	<i>25m</i>	<i>-</i>	<i>v. fine</i>	<i>-</i>	<i>NW</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>V.H.</i>	<i>-</i>		<i>Massive</i>		<i>Ridge valley</i>	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 22/84	IP JS	P84126	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
527100	6094025	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	N6	5YR 8/1	2m	Qtz lit	m-c	r	2000

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	v. MASSIVE	Ridge top

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 22/84	GEOLOGIST I.P. J.S.	OUTCROP P84127	SLIDE/PHOTO
MAP 103I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 526550	NORTHING 6094350	ELEVATION	

GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Slt	5/2/1	N4-S	Rubble lith? @ Ridge top		v. Fine	-	v. well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	HARD	-		Massive		Ridge top.	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 24/84	GEOLOGIST L.P.J.S. G.F.	OUTCROP P84135	SLIDE/PHOTO
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MAP	AERIAL PHOTO	SAMPLE(S)
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EASTING 542250	NORTHING 6105450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS.	5/11	N5	8m	qtz	mf-c	a-r	poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	FLAND	some Fe	massive		Red top		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
Carby Mdot	N4	N3	< 5m			mdot	SS.

COMMENTS:
* mdot ↑ amount of plant fragm.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 (4/03)

DATE July 24/84	GEOLOGIST I.P. J.S. G.F.	OUTCROP P89128	SLIDE/PHOTO
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MAP	AERIAL PHOTO	SAMPLE(S)
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EASTING 546000	NORTHING 6105450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Slsst	NG	54/1	*	-	v. fine	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	laminations	Ridge top

COMMENTS: 1/ poor o/c on ridge top

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE July 24/84	GEOLOGIST I.P. J.S. B.F.	OUTCROP P84120	SLIDE/PHOTO
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MAP 103 P 11	AERIAL PHOTO	SAMPLE(S)
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EASTING 545100	NORTHING 6105050	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5YR 4/1	5Y 6/1	4.5m	Q ⁺ fine	fine	r	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
branch impressions	sp. 20	-	Massive to minor lamin		Ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	116/25°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE July 29/81		GEOLOGIST J.P. J.S. G.F.		OUTCROP P84130		SLIDE/PHOTO	
MAP 103 P/1		AERIAL PHOTO		SAMPLE(S)			
EASTING 544550			NORTHING 6104700			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	N6 N4		10m	-	v. fine	-	v. fine well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	HARD	Fe		S.S. interbedded		Ridge	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE		MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE July 24/84	GEOLOGIST I. P. JS G.F	OUTCROP PB4 132	SLIDE/PHOTO
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MAP 103 P/A	AERIAL PHOTO	SAMPLE(S)
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EASTING 544 450	NORTHING 6105 130	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	N5	N6	8m ^x	qtz lite	fine	r	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	Fe	Calcrete veins massive	Ridge base

COMMENTS: + continuous down ridge of ~ 75m

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st	N6	SB 5/1	6m	-	vi fine		very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	-	Massive	Ridge base

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE July 24/84	GEOLOGIST I.P. J.S. G.F.	OUTCROP PB4132	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 543950	NORTHING 6105050	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5Y4/1	N6	2m	lith	fine	r	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	V. Massive		Ridge.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 24/89	I.P. J.S. G.F.	P84133	

MAP	AERIAL PHOTO	SAMPLE(S)

EASTING	NORTHING	ELEVATION
542500	6104850	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS.	5YR	N7	3m	Qtz lith	Fm	a	fair

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	HARD	Fe	v. Massive	Ridge.

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

794

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8403

DATE <i>July 24/84</i>	GEOLOGIST <i>J.P. - J.S. - G.F.</i>	OUTCROP <i>P84135</i>	SLIDE/PHOTO
MAP <i>103P11</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>541650</i>	NORTHING <i>6105900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slst.</i>	<i>10YR</i>	<i>9/4</i>	<i>N4</i>	<i>7m</i>			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
	<i>M</i>	<i>Fe.</i>		<i>-massive</i>	<i>ridge</i>		

COMMENTS:
- quite weathered

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>152</i>	<i>167°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

DATE <i>July 27/84</i>	GEOLOGIST <i>I.P. J.S.</i>	OUTCROP <i>P84136</i>	SLIDE/PHOTO
MAP <i>93 M/S</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>593000</i>	NORTHING <i>6133275</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>silt</i>	<i>10 YR 5/4</i>	<i>N 5</i>	<i>4m</i>	<i>-</i>	<i>v. fine</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
<i>-</i>	<i>HARD</i>	<i>some Fe weathers out</i>	<i>v. massive</i>	<i>Rock Cut</i>			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

ENTER SKETCH LOCATION

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE July 27/84	GEOLOGIST ID J.S	OUTCROP PB4137	SLIDE/PHOTO
MAP 93 M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 594300	NORTHING 6131225	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	5Y 4/1	2.5Y 6/1	1m	-	v. Fine	-	v. well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MOD.	Some Fe in the lighter	laminated		Ridge top		

COMMENTS:

silt.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE July 27/84	GEOLOGIST I.P. J.S.	OUTCROP P8413B	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 893075	NORTHING 6133650	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sist	N4	N5	10m	-	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VERY HARD	-	v massive		Ridge side		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 27/84	L.P. J.S.	P84139	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M/S			
EASTING	NORTHING	ELEVATION	
593356	6133950		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slt	N3	5G 211	3m	-	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	HARD	-		v. massive		Ridge side	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8400

DATE July 27/84	GEOLOGIST I.P. J.S.	OUTCROP P841190	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 593 750	NORTHING 6134650	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
s1st	N3	56 2/1	1m*	-	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	v. massive		Ridge top.		

COMMENTS: in a poor o/c

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 27/84</i>	GEOLOGIST <i>LP JS.</i>	OUTCROP <i>P84141</i>	SLIDE/PHOTO
MAP <i>93.115</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>593850</i>		NORTHING <i>6131950</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>+</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				<i>META Slt</i>

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 27/84	I.P. J.S.	P84142	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/S		

EASTING	NORTHING	ELEVATION
594500	6130825	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
silt	5Y 4/1	5Y 6/1	0.5m	-	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	v. massive		Ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 64/08

DATE July 29/84	GEOLOGIST I.P. J.S.	OUTCROP F84143	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 569175	NORTHING 6135325	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS.	5Y 5/6	10YR 6/2	3m	Qtz lit	F.C.	a-c	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	v. massive		Ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Silt	N5	N4	LSm*	-	v.f.	-	weak
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Mod	-	v. massive		Ridge		

COMMENTS: * 20.5m intervals in the o/c which is seen cont. down ridge.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	168/45°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 6/05

DATE July 29/84	GEOLOGIST I.P. J.S.	OUTCROP P84194	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 568000	NORTHING 6136000	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Slt	5Y	N/6	1.5m	-	Fine	-	Very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	lamination & x-bedding		Ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	194/50°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE July 29/84	GEOLOGIST I. P. JS	OUTCROP P84145	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 567200	NORTHING 6135975	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slt	10YR 6/2	10YR 4/2	1m	-	fine	-	very well
FOSSILS plant frag	INDURATION MOO- HARD	ACCESSORY MIN./STAINING some Fe	BEDDING/BED. FEATURES -	OUTCROP TYPE/SIZE Ridge			

COMMENTS: # plant frag non-carby.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	210°/27°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 29/84</i>	GEOLOGIST <i>I.P. J.S.</i>	OUTCROP <i>P34146</i>	SLIDE/PHOTO
MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>566800</i>	NORTHING <i>6135550</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5/5/2</i>	<i>5/4/1</i>	<i>3m</i>	<i>thin</i>	<i>Fine</i>	<i>a</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	<i>MDD-HARD</i>	<i>Some Fe</i>	<i>massive to laminar</i>		<i>Ridge</i>		

COMMENTS:
in area

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 BA/OS

DATE July 29/84	GEOLOGIST I.P. J.S.	OUTCROP P84147	SLIDE/PHOTO
MAP 93M15	AERIAL PHOTO	SAMPLE(S)	
EASTING 566050	NORTHING 6135425	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S.S.	5YR 6/1	5YR 4/1	1m	lth	Fc	av	V. poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
plant frags	MOD	FE	v. massive	Ridge			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 29/84	GEOLOGIST I.P. JS	OUTCROP P89.148	SLIDE/PHOTO
MAP 934/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 565750	NORTHING 6135000	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	N5	N7	2m*	lith	F-m	arc	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant frag	HARD	some fine in places	soft sed - deep weather		ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst	5YR 2/1	N3	1m*		very fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	massive		ridge		

COMMENTS:

* both lith. alternate along ridge
in a total thickness of approx 25m

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	330/15			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-05

DATE <i>July 29/84</i>	GEOLOGIST <i>J.P. J.S.</i>	OUTCROP <i>P84-149</i>	SLIDE/PHOTO
MAP <i>93 M/S</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>565450</i>		NORTHING <i>6135650</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5Y</i>	<i>N6</i>	<i>4m</i>	<i>lith</i>	<i>fine</i>	<i>a</i>	<i>very well</i>
FOSSILS <i>plant frags</i>	INDURATION <i>MOD</i>	ACCESSORY MIN./STAINING <i>Some Fe stains</i>	BEDDING/SED. FEATURES <i>interbedded w silt (below)</i>	OUTCROP TYPE/SIZE <i>Ridge</i>			

COMMENTS: *soft sed deformation.*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>slt</i>	<i>5Y</i>	<i>N2</i>	<i>4m</i>	<i>-</i>	<i>fine</i>	<i>-</i>	<i>very well</i>
FOSSILS <i>-</i>	INDURATION <i>MOD</i>	ACCESSORY MIN./STAINING <i>-</i>	BEDDING/SED. FEATURES <i>interbedded w sand (above)</i>	OUTCROP TYPE/SIZE <i>Ridge</i>			

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>FLAT</i>		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8/75

DATE July 29/84	GEOLOGIST I.P. J.S.	OUTCROP P84150	SLIDE/PHOTO
MAP 93 M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 565625	NORTHING 6134150	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5Y 5/2	N7	10m	lt. at.	fm	a-r	moder.
FOSSILS plant flour	DURATION V HARD	ACCESSORY MIN./STAINING zone Fe	BEDDING/BED. FEATURES interbedded w sand (below)		OUTCROP TYPE/SIZE Ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	N3	N2	10m	-	Fine	-	very level
FOSSILS -	DURATION HARD	ACCESSORY MIN./STAINING -	BEDDING/BED. FEATURES interbedded w sandstone		OUTCROP TYPE/SIZE Ridge.		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7695 84/05

DATE <i>July 29/88</i>	GEOLOGIST <i>IP J.S</i>	OUTCROP <i>P84151</i>	SLIDE/PHOTO
MAP <i>93 M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>565800</i>		NORTHING <i>6134025</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>S.S.</i>	<i>56Y</i>	<i>4/1 N4</i>	<i>1.5m</i>	<i>lith. Qtz.</i>	<i>med → congl.†</i>	<i>a-r</i>	<i>vert. plat.</i>
FOSSILS <i>plant frag</i>	INDURATION <i>HARD.</i>	ACCESSORY MIN./STAINING <i>-</i>	BEDDING/BED. FEATURES <i>interbedded congl. (pebble size)</i>		OUTCROP TYPE/SIZE <i>Ridge top</i>		

COMMENTS: *congl - pebble size (<0.5cm)*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
TYPE TREND PLUNGE			TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/03

DATE <i>Aug 27/84</i>	GEOLOGIST <i>I.P. G.F.</i>	OUTCROP <i>P84152</i>	SLIDE/PHOTO
MAP <i>93415</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>567250</i>	NORTHING <i>6140700</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sist</i>	<i>N4</i>	<i>N5</i>	<i>2m</i>	<i>-</i>	<i>v. Fine</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>v. HARD</i>	<i>-</i>	<i>v. massive</i>		<i>ledge</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>303/21?</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>Aug 27/81</i>	GEOLOGIST <i>LP & F</i>	OUTCROP <i>P84153</i>	SLIDE/PHOTO
MAP <i>93M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>567 350</i>	NORTHING <i>6141275</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>Sls</i>	<i>NS</i>	<i>NS</i>	<i>4.5m</i>	<i>-</i>	<i>fine</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>Plant Frag</i>	<i>MOO-HARD</i>	<i>-</i>	<i>Laminations</i>		<i>Ridge</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>004°/21°</i>			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2/08

DATE Aug 27/84	GEOLOGIST IP B.F.	OUTCROP P890159	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 567325	NORTHING 6141480	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S.
Sst	N4	N5	2m	-	Fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	laminations - soft sed del.		Ridge		

COMMENTS: sst above S.S.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S.
SS	N5	10YR 4/2	2m	Qtz.	F-m-c or		poorly
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	minor Fe in concs	curv. lam. in concs		Ridge		

COMMENTS: - bita igneous int. along hill, in a slot. top in minor plant frag.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DIBP.
	020/68			
FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
TYPE TREND PLUNGE			TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE Aug 27/84	GEOLOGIST LP GF	OUTCROP P84155	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 567400	NORTHING 6141650	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
skt	10YR 6/2	N5	2m	-	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
minor plant	NO HARD	-	some laminations		Ridge.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
skt	N8	N3	1.5m	-	v. fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	massive		Ridge.		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	196/65			
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 24/02

DATE Aug 07 1964	GEOLOGIST IP G.F.	OUTCROP P84156	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 567575	NORTHING 6141900	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
SS	10YR 9/2	5Y 7/1	3m	-	v Fine	ca	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant frags	Mod	-	Ripple marks		Ridge		

COMMENTS:

MINOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W	COLOUR F	THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	038/64		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE
INTRUSIVE/VOLCANICS TYPE RELATION			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
Aug 27/84	IP G.F	PB4157	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/5		

EASTING	NORTHING	ELEVATION
567450	6142000	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
S.S.	N5	N6	3m	Qtz	m	r	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
minor plant frag.	HARD	-	massive	ledge

COMMENTS:
 ign. int. (same as one which runs up hill)
 oic at top; s.s. meta near it to 576/1 on fresh

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	325/54		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
Aug 27/84	ID G.F	P84158	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/5		

EASTING	NORTHING	ELEVATION
567300	6142110	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	5Y4/1	N5	4m	lith?	med	a-A	well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
branch frag	MOD.	-	massive	Ridge

COMMENTS:
 of fossilized tree

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	226/54			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE <i>Aug 27/84</i>	GEOLOGIST <i>IP BF</i>	OUTCROP <i>P84659</i>	SLIDE/PHOTO
MAP <i>23 M15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>567125</i>	NORTHING <i>6142240</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS.</i>	<i>5Y4/1</i>	<i>N4-5</i>	<i>3m</i>	<i>df? 1.4?</i>	<i>F-C</i>	<i>A-r</i>	<i>very poor</i>
FOSSILS <i>branch imp.</i>	INDURATION <i>HARD</i>	ACCESSORY MIN./STAINING <i>-</i>	BEDDING/SED. FEATURES <i>massive</i>		OUTCROP TYPE/SIZE <i>Ridge</i>		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>212/48</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 6/05

DATE <i>Aug 27/84</i>	GEOLOGIST <i>IP G.F.</i>	OUTCROP <i>P84160</i>	SLIDE/PHOTO
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MAP <i>93M15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>566850</i>	NORTHING <i>6142275</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>N6</i>	<i>54/11</i>	<i>1m</i>	<i>qtz</i>	<i>f.c.</i>	<i>A-r</i>	<i>poor</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>MOD</i>	<i>Fe specs very minor</i>	<i>massive</i>	<i>Ridge</i>

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>289/37°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE Aug 27/84	GEOLOGIST IP GF	OUTCROP P84161	SLIDE/PHOTO
MAP 98M15	AERIAL PHOTO	SAMPLE(S)	
EASTING 566350	NORTHING 6142500	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st	N47°	N54°	5.6m	-	fine	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
-	MDDANNO	FC		lamintians	Ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	183°/26°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7885 8405

 RECONNAISSANCE notes 162-178
 OUTCROP DESCRIPTION FORM by G. F

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
AUG 28/84	IP + GF	P 84162	
MAP	AERIAL PHOTO	SAMPLE(S)	
103P8		NO	
EASTING	NORTHING	ELEVATION	
538275	6148230		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOST	SPR W1	N2	8M	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	VF	MINOR Fe	-	RIDGE TOP			

COMMENTS:

carbonite mining
** continues o/c on ridge*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	145/32			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/00

DATE Aug 28/84	GEOLOGIST IP - CF	OUTCROP P84163	SLIDE/PHOTO
MAP 103P8	AERIAL PHOTO	SAMPLE(S) —	
EASTING 538550	NORTHING 6148100	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	NS		QTZ	med	a	w
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
—	w	Fe				REDGE	

COMMENTS: SS HAS GLKY FRACTURE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	None possible			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE Aug 28/84	GEOLOGIST IP GF	OUTCROP P84164	SLIDE/PHOTO
MAP 103	AERIAL PHOTO	SAMPLE(S) -	
EASTING 538800		NORTHING 6147885	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	N 10YR 7/8	N 2		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VF	Fe? on WEATHER SURFACE	MINOR LAMINATIONS		RIDGE		

COMMENTS: MDST HAS MINOR SILTY LAMINATIONS weather distinct brown in spots but mostly N 4 color deposition - shaly fractures

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	005/27			
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 5403

DATE Aug 28/89	GEOLOGIST IP -GE	OUTCROP P84-165	SLIDE/PHOTO
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MAP 103 PB	AERIAL PHOTO	SAMPLE(S) —
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EASTING 539480	NORTHING 6147800	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	10YR 2/2	N2		—	—	—	—

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	VF	Minor Fe	fine laminations one beds	RIDGE TOP

COMMENTS:
*mudstone dark w shaly fracture
 water into fine pieces $\leq 1/4 \times 2$ cm
MARINE BEDS*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
—	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	125/14			

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/03

DATE AUG 28/84	GEOLOGIST IP-GF	OUTCROP P84166	SLIDE/PHOTO
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MAP 103P8	AERIAL PHOTO	SAMPLE(S) -
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EASTING 555000	NORTHING 6146500	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	N4 10YR5/4	5Y 2/1	-	QTZ	Fg	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	F	Fe	SILT LAMINATION	RIDGE TOP			

COMMENTS:
*minor fracture - Blessby
1-2 cm intervals*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		340/72	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

784167 ?

350/25
next page.

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE Aug 20/04	GEOLOGIST IP - GF	OUTCROP P84168	SLIDE/PHOTO
MAP 103 P8	AERIAL PHOTO	SAMPLE(S)	
EASTING 555340	NORTHING 6146385	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	10YR 4/2	-	QTZ	M → CG	~	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	THINLY BEDD		RIDGE TOP		

COMMENTS:

SS interbedded w minor siltstone

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLST	N7	5Y 3/1		QTZ?	fg	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	IF	Fe	fine laminated		-		

COMMENTS:

minor mudstone

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

across valley → P84167 350/25 N:6146810
 sydney mountain
 sandstone → P84168 = 208/32 E:555165

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 BA05

DATE Aug 22/24	GEOLOGIST IP - GF	OUTCROP P84169	SLIDE/PHOTO
MAP 103P8	AERIAL PHOTO	SAMPLE(S) —	
EASTING 555500	NORTHING 6146365	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	103R 8/2	104R 6/2	-	AT	MED	-	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
-	H	Fe	THINLY LAMINATED	RIDGE TOP			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		120/28	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE Aug 22/84	GEOLOGIST IP - GF	OUTCROP P84170	SLIDE/PHOTO
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MAP 103 P 8	AERIAL PHOTO	SAMPLE(S) NO
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EASTING 555940	NORTHING 6146550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 6/2	10YR 6/2		qtz	med	a	w
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	H	Fe				RIDGE TOP	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		074/38	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-05

DATE <i>Aug 28/04</i>	GEOLOGIST <i>P-GE</i>	OUTCROP <i>P04171</i>	SLIDE/PHOTO
MAP <i>10319</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>556620</i>	NORTHING <i>6146900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>S5</i>	<i>N5</i>	<i>N7</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>W</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>VF</i>	<i>MINOR Fe</i>	<i>-</i>		<i>RIDGE TOP</i>		

COMMENTS: *Interstratified fine shales < 0.5 m*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>-</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
<i>-</i>							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
			<i>07</i>	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE Aug 28/08	GEOLOGIST IP-GE	OUTCROP P09172	SLIDE/PHOTO
MAP 103P8	AERIAL PHOTO	SAMPLE(S)	
EASTING 556810	NORTHING 6146930	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	10YR 4/2		qtz	M-Fg	a	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	Mod	Fa	THINLY BEDD MINER LAMINATION		RIDGE TOP		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
\$S	NS	NY					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	F						

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
			135/40			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	
			40 N fault strike 135/55 Judges			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2A/05

DATE AUG 29/84	GEOLOGIST IP - GF	OUTCROP 173	SLIDE/PHOTO
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MAP 103P9	AERIAL PHOTO	SAMPLE(S)
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EASTING 556900	NORTHING 6146925	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
* SS	MS	N4					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
* ad in 172 - station for orientation change only

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
		165/76		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24-03

DATE Aug 28/84	GEOLOGIST IP-65	OUTCROP 174	SLIDE/PHOTO
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MAP 102P8	AERIAL PHOTO	SAMPLE(S)
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EASTING 557060	NORTHING 6146935	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	5Y 4/1		qtz	Med	a	w

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
MINOR PERRIN	W	Fe	TRKLY BEDD	RIDGE TOP

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		130/33	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2A/05

DATE <i>Aug 28/54</i>	GEOLOGIST <i>IP-GE</i>	OUTCROP <i>174a</i>	SLIDE/PHOTO
MAP <i>103Pg</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>557100</i>		NORTHING <i>6146950</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>*SS</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS: *SS in 174 - orientate change
crystal coats minor amount*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>—</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
<i>—</i>							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		<i>115/45</i>	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/03

DATE Aug 28/84	GEOLOGIST IP - GE	OUTCROP P84175	SLIDE/PHOTO
MAP 103 P8	AERIAL PHOTO	SAMPLE(S)	
EASTING 551950		NORTHING 6134190	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MDST	N5	N4			-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	F	-				RIDGE TOP	

COMMENTS: igneous dyke part
some metatone has underlying metamorphic
shady fracture

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
IGNEOUS DYKE							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: ridge also has metatone underneath
ig

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 24/05

DATE Aug 28/84	GEOLOGIST IP-GF	OUTCROP P87176	SLIDE/PHOTO
MAP 109 PA	AERIAL PHOTO	SAMPLE(S)	
EASTING 551700		NORTHING 6133850	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	B
MSST	NS	N4	—	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	M	—		—		CLIFF SLOPE	

COMMENTS: minor silty layers not distinct upon same view as MSST

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 SA/OS

DATE aug 28/84	GEOLOGIST IP-GF	OUTCROP P84177	SLIDE/PHOTO
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MAP 103 P 8	AERIAL PHOTO	SAMPLE(S) -
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EASTING 551550	NORTHING 6133760	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	5GY 6/1	6M	QTZ	M-DCG	a	pm

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H			RIDGE TOP

COMMENTS: BLOCKY FRACTURE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04-05

DATE AUG 28/84	GEOLOGIST IP-GE	OUTCROP P84178	SLIDE/PHOTO
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MAP 103 PB	AERIAL PHOTO	SAMPLE(S)
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EASTING 55/250	NORTHING 6133675	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
IGNEOUS							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
META SILTS & SANDST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE <i>Aug 29/84</i>	GEOLOGIST <i>I.P. R.F.</i>	OUTCROP <i>P84179</i>	SLIDE/PHOTO
MAP <i>103 P/16</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>545175</i>	NORTHING <i>6186700</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS.</i>	<i>10 YR 5/4</i>	<i>N4</i>	<i>ripple n. 3m</i>	<i>shaly Qtz.</i>	<i>f-med</i>	<i>A-r</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>HARD</i>	<i>Fe flecs.</i>	<i>massive</i>		<i>ridge top</i>		

COMMENTS:

? Possible ss in channel :: not a clean s/p ss.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sdst</i>	<i>N4</i>	<i>N3-4</i>	<i>ripple ?</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>HARD</i>	<i>-</i>	<i>-</i>		<i>ridge top</i>		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>?</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 6/6/05

DATE <i>Aug 29/84</i>	GEOLOGIST <i>IP G.F.</i>	OUTCROP <i>P84180</i>	SLIDE/PHOTO
MAP <i>103 P116</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>545375</i>	NORTHING <i>6186525</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Sls</i>	<i>N4</i>	<i>N5</i>	<i>25m</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>MOD</i>	<i>-</i>	<i>laminations</i>		<i>ridge</i>		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	<i>280/85 or 137/52</i>			
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE Aug 29/84	GEOLOGIST I.P. G.F	OUTCROP PR4181	SLIDE/PHOTO
MAP 103 P/16	AERIAL PHOTO	SAMPLE(S)	
EASTING 545 550	NORTHING 6186400	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	10 YR 8/2 10 YR 7/4		N3-4 + 10m	Qtz.	Fine & med	*	*
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	HARD	-	laminated in minor areas		Red. log.		

COMMENTS: 4 gr. size varies in bands, laminated, each bed is very well sorted
SS. fairly clean is. s/p. type, ? channel sand. ^{cont}

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: possible siltstone member, v. poorly pres. - in laminated areas x-bedding is apparent. s/p is an average of the orientation.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS: ^{cont} - walked over a zone of ~ 300m
Eg the ss. may be too large for a channel s.s. may be high up the delta

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	160/14°			
FOLDS	TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TYPE			

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE <i>Aug 29/84</i>	GEOLOGIST <i>IP GF</i>	OUTCROP <i>PB4182</i>	SLIDE/PHOTO
MAP <i>103 P/16</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>546000</i>	NORTHING <i>6187325</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>N5</i>	<i>N4</i>	<i>2m</i>	<i>0.3</i>	<i>fine</i>	-	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>HARD</i>	-	<i>v. massive</i>		<i>Ridge</i>		

COMMENTS:

underlain by a met. ↑ folded in small (displacement ~ 5cm) folds.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Met</i>	<i>N9</i>	<i>N3</i>	<i><1m</i>	-	-	-	<i>very well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>SOFT</i>	<i>↑ Fe.</i>	-		<i>Ridge.</i>		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>139/86</i>		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 SAOS

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
Aug 29/84	IP GF	P84183	

MAP	AERIAL PHOTO	SAMPLE(S)
108 P/16		

EASTING	NORTHING	ELEVATION
555250	6188350	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Mudst N of N3	W	F	over ledge top - 8m	-	-	-	very well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MUD	minor Fe on weathered	mineral	ledge

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	159/50			

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 SA/US

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
Aug 29	IP G.F.	PB4184	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/16		

EASTING	NORTHING	ELEVATION
555080	6190000	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Molat	5Y4/1	M4	2m	-	-	-	very well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
	MOD	Fc	massive	Ridge			

COMMENTS: ridge top is very smooth when resurveyed weathering of top Molat. ? on ridge top at this location S.S. (and possibly) Gtz was found.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS: - possible origin of this s.s. may have been from glacial m., since all oic is continuous molat.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	?	324/57 ^W	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
13/06/84	AP & G.F.	AP84001	

MAP	AERIAL PHOTO	SAMPLE(S)
1031/5	—	No

EASTING	NORTHING	ELEVATION
505525	1083/30	475m

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	N6/0	S87/1	50 _m	Qtz	vfg	?	w

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	VERY MASSIVE	—	minor laminations	RIVER (60m)

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	257/28 ⁿ		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			060/73 ^s	Qtz Veining ^{canon}

COMMENTS:

794

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE 14/06/84	GEOLOGIST APC G.F.	OUTCROP AP84002 ✓	SLIDE/PHOTO
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MAP 1031/15	AERIAL PHOTO —	SAMPLE(S) —
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EASTING 506040	NORTHING 6083475	ELEVATION 510m.
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	N6/0	585/1	9-10m	Qtz.	F	a	w

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	VERY HARD	—	MASSIVE	20x7m

COMMENTS:
mildly calcareous, slightly micaceous, minor iron/pyroxene? in plastic portion.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	N6/0	N6/0	16m	Qtz. ^{minor} 2-4m	m	a	p

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	VERY HARD	—	MASSIVE	

COMMENTS:
OUTCROP MAJOR (MINOR LITH. ≈ 40/60)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	196	62°w	—

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
—	72°/63s / 24/32s	Qtz. VEINING RANDOM

COMMENTS:
BADLY JOINTED.

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8408

DATE 14/06/84	GEOLOGIST A P E G F	OUTCROP AP84003 ✓	SLIDE/PHOTO YES # 485
MAP 103 I/15	AERIAL PHOTO —	SAMPLE(S) AP84003	
EASTING 504500	NORTHING 6083340	ELEVATION 585 m	

GEOLOGY						
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R S
SS	5B5/1 N6/0		5-10 m	Qtz	f-m	a m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
pl. of fossils	med. to very	—	PARALLEL / grain (m) LAMINATIONS bed 80 x 15		OTHERWISE MASSIVE	

COMMENTS:
OUTCROP CONTINUES FOR 50 meters INTERMITTENTLY ALONG ROAD.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R S
SLTST	5B5/1 N4/0		3-5m	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	well	—	—		A/A	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR
COALY SHALE	N3/0 N4/0		20cm	VARIABLE	SHINY FISSILE WAFERLIKE	DRY SS	BRYL CLAY SS

COMMENTS:
2 - lense like / poddy occurrences NOT CONTINUOUS THROUGHOUT etc. possible same seam if displaced by fault

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	276/32N		DI ANGLE 186° ? REVERSE? 47N

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		037/78 S / 310 58 N	—

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 24/08

DATE 14/06/84	GEOLOGIST APCGF	OUTCROP AP84004	SLIDE/PHOTO ✓ -
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S) 1-AP84004	
EASTING S104325	NORTHING 6093275	ELEVATION 595m	

GEOLOGY

MAJOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
DIORITE ?	5YR 6/2	N6/0	2	2	med		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
		pyrite					

COMMENTS:

MINOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W	COLOUR F	THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
			SIMILAR JOINTING TO AP84003		See major lith

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
14/06/84	APGGF	AP84005 ✓	

MAP	AERIAL PHOTO	SAMPLE(S)
1031/15	—	—

EASTING	NORTHING	ELEVATION
504150	6083200	595m

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SS	54 6/1	564 6/1	?	O+z	m	a	m

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	very	—	MASSIVE	(m) 3x4

COMMENTS:
very hard, calcareous, medium
calcareous matrix.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				O+z veining

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE 14/06/84	GEOLOGIST APEGF	OUTCROP AP84006 ✓	SLIDE/PHOTO —
MAP 1031/15	AERIAL PHOTO —	SAMPLE(S) —	
EASTING 502750	NORTHING 6083275	ELEVATION 620	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	N70	N5/0	15	QTZ	F.M (1/2)	a	m
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	well	—	PLANAR / ^{minor} / _{partly} MASSIVE		100m x 20m		

COMMENTS:
possibly shallow marine.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	317	9°N	POSSIBLE AT LATERAL
FOLDS TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION
	—	195/vert / 110/65°S	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE 14/06/84	GEOLOGIST A.P. - G.F.	OUTCROP AP84007 ✓	SLIDE/PHOTO
MAP 103 I 15	AERIAL PHOTO	SAMPLE(S) NONE	
EASTING 508775	NORTHING 6088725	ELEVATION 390 M	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 6/4	5TR 5/1	-	QTZ	M	0	M
FOSSILS -	INDURATION M-W	ACCESSORY MIN./STAINING SP ^{small} 4/3	BEDDING/BED. FEATURES MASSIVE			OUTCROP TYPE/SIZE RD. CUT 20x2.5M	

COMMENTS:

SUBARKOSIC IN NATURE BUT STILL QFZOSE

DELTAIC? 50M ALONG RD #4 5G1 3/1 HAZEL
PARC

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
NONE							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	210/64 N		-	
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
-			104/76 S	-

COMMENTS:

310/86 N

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7695 84/09

DATE 14/06/84	GEOLOGIST A.P. - G.F.	OUTCROP AP84008 ✓	SLIDE/PHOTO
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MAP 103 I 15	AERIAL PHOTO	SAMPLE(S) NONE
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EASTING 508525	NORTHING 6088960	ELEVATION 410 M
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 5/3	5GY 8/1	10M	QTZ.	F	2	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
PLANT LATHS TO 1.5 CM	W	—	PLANAR MASSIVE	RD CLT 2.0 x 3 M

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	218/46 N		—

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			070/55 S & 340/67 N	—

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE 14/06/84	GEOLOGIST APGF	OUTCROP APB4099 ✓	SLIDE/PHOTO
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MAP 103115	AERIAL PHOTO	SAMPLE(S) ↓
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EASTING 508975	NORTHING 6089475	ELEVATION 435 M
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
TRACHITE? VOLCANIC?	5B6 4/1	5C7 4/1	?	?	APHANTIC	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	-	-	-	RD. CUT 10 x 1.5 M

COMMENTS:
NO OC ORIENTATION POSSIBLE
9A 100 M ALONG RD SIMILAR LTH. SLIGHTLY MORE PURPLE (V) 10x1.5 M

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
9B SIMILAR LTH. COARSE GRAINED 300 M DOWN RD. FURTHER

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS: FRACTURE IRREGULAR LIKE VOLCANICS ON 9-9A-9B

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-08

DATE 14/06/84	GEOLOGIST AP	OUTCROP AP84010 ✓	SLIDE/PHOTO
MAP 103 I 15	AERIAL PHOTO	SAMPLE(S)	
EASTING 509300	NORTHING 6090870	ELEVATION 450M	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	SGT 4/	#5/6	30m	QTZ.	F	α	M-W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	W		CLIMBING RIBBLES RIPPLE DRIFT				

COMMENTS: VERIGATED OR VARVED
BEDDING INDICATED BY SCOUR SURFACES - SOUTHERN PORTION OF O/C BEDS OVERTURNED

VOLCANICS

MINOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
				AND. ? DRAC.	ASSOCIATED W FAULT SCARN		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	WOOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	030/56°S		HIGH & REVERSE AT LEAST 3 ZONES

TYPE	FOLDS		JOINTS-CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			FAULT PLANE 100/59N JTS 120°/52N 7/30/81	

COMMENTS: VP AGAINST VOLCANICS FAULTS - ABUNDANT WHITE ALONG JT TRENDS PLANE 5 W ASSOCIATED CALSITE VEINING OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/08

DATE 14/06/84	GEOLOGIST AP-GF	OUTCROP AP84011 ✓	SLIDE/PHOTO
MAP 103 IIS	AERIAL PHOTO	SAMPLE# AP84011	
EASTING 509600	NORTHING 6091425	ELEVATION 432M	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5YR 4/4	5GY 4/1	10M	QTZ.	F	a	A
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	W	MINOR Fe	MASSIVE / GETTING NORTH		2x100x5-20A		

COMMENTS: OUTCROP CONTIGUOUS ALONG STREAM (NORTH)
SS AS ABOVE W NUMEROUS COAL LENSES. SS BECOMES
CARBON GOING NORTH

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
→							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COALY SH		N 2/0	—	15 CM	SHINY FOSILS COALY SH	SR	SS

COMMENTS: ABUNDANT
CALCITE INTERBEDDED

PREVIOUSLY DUG OUT BY SOMEONE ELSE

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	24 S / 32 N		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		ST: 110 / 70 S + 85 / 78 S	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/05

DATE 14/06/84	GEOLOGIST AP CF	OUTCROP AP84012 ✓	SLIDE/PHOTO
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MAP 103 I 15	AERIAL PHOTO	SAMPLE(S)
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EASTING 509425	NORTHING 6092525	ELEVATION 515 M
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5YR 4/3	N 5/0	15 M	QTZ	F	a	M
FOSSILS —	INDURATION W	ACCESSORY MIN./STAINING —	BEDDING/SED. FEATURES NONE PLANAR BEDS		OUTCROP TYPE/SIZE 20x5 M		

COMMENTS:
a c continues to top of Hill at 2600 ft. however
is green w more laminae + some shales

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	240 / 25°N		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: BADLY FRACTURED

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE 14/06/84	GEOLOGIST AP GF	OUTCROP AP84013 ✓	SLIDE/PHOTO
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MAP 103 J15	AERIAL PHOTO	SAMPLE(S)
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EASTING 509200	NORTHING 6094050	ELEVATION 770m
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 5/3	N 4/6	12M	QTZ.	F	R	M-W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	W	F. STAINING	MASSIVE W MINOR // LAM.	20x4M

COMMENTS: SLIGHTLY CALCAREOUS - CALCITE VEINING

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	50/480		N-NE

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			270/65N & 155/70SW	—

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

DATE 15/06/84	GEOLOGIST APEGF	OUTCROP AP84014	SLIDE/PHOTO
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MAP 103I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 508375	NORTHING 6089250	ELEVATION 400m
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5G4/1	5B5/1	?	Q+z	F	a ^c	w

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	well	—	—	base bed 1x2

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Glacial Striae

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7555 84/05	DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
	15/06/84	AP & GF	AP84015	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
508750	6090325	450m

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	B
SLTST	N4/0	S85/1	—	—	—	—	—

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	MOD WELL	—	—	ROAD BED

COMMENTS:
GLACIAL STRIAE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT TAKEN		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 84/05

DATE 15/06/84	GEOLOGIST AP & G.F.	OUTCROP AP84016	SLIDE/PHOTO
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MAP 103I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 504875	NORTHING 6089000	ELEVATION 385m
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5Y6/1	5B5/1	2	Qtz	F.m	a	w

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
Minor Plant	well	—	—	Roadcut 30 x 5

COMMENTS:
I/B f.m similar description.
COARSER PORTION HAS HORNFELS (UP RANKING?)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	037/229		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		160/70SW & 250/VEST.		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE 15/06/84	GEOLOGIST AP & G F	OUTCROP AP84017	SLIDE/PHOTO
MAP 103T 15	AERIAL PHOTO	SAMPLE(S)	
EASTING 504800	NORTHING 6089020	ELEVATION 402m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5Y4/1	5R5/1		Qtz	VF	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	well	-	-		ROAD BED AT POWER LINE		

COMMENTS:

ROAD BED GIVES NO GOOD DATA.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSS.		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE 15/06/84	GEOLOGIST AP & GF	OUTCROP AP84 018	SLIDE/PHOTO
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 504630	NORTHING 6089050	ELEVATION 445m	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5g/1	54g/1	?	Qtz	m2	a	m2
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	WELL	—	SCOUR SURFACES PARALLEL LAM.		ROAD CUT		

COMMENTS:
COARSE grained SS lenses micron calc. veinlets.
RIGHT WAY UP.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	020/84S		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-03

DATE 15/06/84	GEOLOGIST AP & G.F.	OUTCROP AP84019	SLIDE/PHOTO
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MAP 103 I 15	AERIAL PHOTO	SAMPLE(S)
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EASTING 504450	NORTHING 6089075	ELEVATION 450m.
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	54R5/3	56Y5/1	?	Qz	VF	-	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	W	-	-		30m x 2m.		

COMMENTS:

SLATE LIKE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NO DISTINCT PLANES		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
	306/88N & 178/42SW		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/03			
DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
15/06/84	AP & G.F.	AP84020	
MAP	AERIAL PHOTO	SAMPLE(S)	
103I/15			hr
EASTING	NORTHING	ELEVATION	
504325	6089050	465m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	2.5Y5/6	2.5Y5/4	?	Qtz to lithic	C	a	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	w	minor Fe	faint x-bedding 75cm x 15cm		QUARRY 20 x 8		

COMMENTS: 40% matrix with localized calcareous cement. SE TRANSPORT DIRECTION.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5B6.5/1	5G5/1	?	Qtz to lithic	Fm	a	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	w	minor Fe			N/A		

COMMENTS: CALCAREOUS VEINING

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NOT POSSIBLE ? Too BUSTED UP	114 / 373	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
			356/82N + 040/69S		

COMMENTS: ROCKS BLASTED FOR ROAD FILL

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE 15/06/84	GEOLOGIST AP & GF	OUTCROP AP84021	SLIDE/PHOTO
MAP 103I 15	AERIAL PHOTO	SAMPLE(S)	
EASTING 504700	NORTHING 6088150	ELEVATION 565m	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5Y 6/1	5Y 5/1	2	Qtz	v-f-f	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	well	-	PARALLEL LAM SCOUR SURFACE		1 x 100		

COMMENTS: MINOR RIPPLE DRIFT
Outcrop has minor slickensides ON JOINT PLANE.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Outcrop along road cut

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	720/86N		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			334/VERT	Qtz veining Joint planes

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE 15/06/84	GEOLOGIST AP & GF	OUTCROP AP84022	SLIDE/PHOTO
MAP 103I15	AERIAL PHOTO	SAMPLE(S)	
EASTING 504800	NORTHING 6087825	ELEVATION 605	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5G4 1/2	5Y5 1/1	8m	Qtz	VF	?	?
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	W	Fe	Parallel layers		8x10		

COMMENTS:

Qtz veining along joint planes.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

(coarser (med) SS
150 metres along road.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	231 / 44°N		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			140 / 74°S	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE 15/06/84	GEOLOGIST AP & GF	OUTCROP FP84 023	SLIDE/PHOTO
MAP 103I15	AERIAL PHOTO	SAMPLE(S)	
EASTING 503875	NORTHING 6089025	ELEVATION 503	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5R4/8	2S4/8	?	Qtz with Fm		a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	w	hematitic		-		2x4	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	NOT POSSIBLE			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/03

DATE 15/06/84	GEOLOGIST RP & GF	OUTCROP AP84024	SLIDE/PHOTO
MAP 103I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 502980	NORTHING 6089260	ELEVATION 550m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	567/1	M3/0	12m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
					10x15		

COMMENTS:
*Crinoidal zone between SS & SS w stz mining
 o/c has minor bedding laminae*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5R4	515/1	5-6m	RTZ → Ahh 2/4	M-C	a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	Med	Humiditic	med scale X bedded				

COMMENTS:
*Fa staining minor V. varae lenses
 Calcite - fracture planes, minor chert*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	160/72 S		PROBABLY FAULT CONTACT
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
	120/85 S + 030/59 S		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04/05

DATE 15/06/84	GEOLOGIST A P & G F	OUTCROP AP84 025	SLIDE/PHOTO
MAP 103I 15	AERIAL PHOTO	SAMPLE(S)	
EASTING 502450	NORTHING 6089600	ELEVATION 555	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	25Y5/1	25Y4/1	20m	Qtz	F-m	a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	well	—	Small scale Y-bedding rippled drift planar bedding		30x15		

COMMENTS:

CALCITE ALONG SOME JOINTS

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
STST	5G5/1	5G5/1	1m - 15cm	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	m	—	PARALLELAM		—		

COMMENTS:

THIN INTERBED.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COALY SH	N/0	N/0	2cm	2cm	WAFER	VF	VF
						SS	SS

COMMENTS:

MOVEMENT ALONG COALY BED

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	262/51	N	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			352/66°N / 143/71°S	Qtz very along bedding

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE 15/06/84	GEOLOGIST AP:GF	OUTCROP AP84026	SLIDE/PHOTO
MAP 103I 15	AERIAL PHOTO	SAMPLE(S)	
EASTING 501875	NORTHING 6089950	ELEVATION 565	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	N5/0	N4/0	10m	Qtz	VF	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	W	minor Fe		PARALLEL LAM		1710	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	030/58°S		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE
			137/43S/213vert
INTRUSIVE/VOLCANICS TYPE RELATION			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
15/06/84	AP-GF	AP84027	
MAP	AERIAL PHOTO	SAMPLE ID	
103 I 15		AP84027 (IG)	
EASTING	NORTHING	ELEVATION	
501675	6090025	590°	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 5/2	5YR 5/1	8M	Qtz	F	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	W	-	// laminar		Road cut 12x3M		

COMMENTS: Contact with intrusives is broken
SS CONTINUES ALONG RO

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
DAKITE - 8 nodes	5YR 5/2	5B 5/1	3M				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-			-				

COMMENTS: possible sill - appears conformable w SS beds above & below, sample taken


COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	170/57°W		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			260/100°E + 170/88°S	SILL?

COMMENTS:



OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-05

DATE 16/06/84	GEOLOGIST AP-6F	OUTCROP DP8402B	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) NONE	
EASTING 501660	NORTHING 6108876	ELEVATION 3251	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLST	SR 4/2	SR 4/1	4m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE		
-	M	SLIGHT HEMATITIC		very fine	5 x 2 m		

COMMENTS:

bedding orientation dubious, no clear fracture features.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	255/86 W			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE 16/06/84	GEOLOGIST AP. G.F.	OUTCROP AP84029	SLIDE/PHOTO
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MAP 163 P 2	AERIAL PHOTO	SAMPLE(S) NO
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EASTING 501650	NORTHING 6109070	ELEVATION 315 M
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLST	SR 4/2	SR 4/1	3m				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
—	M	slight staining / sample amount	very fissile	4 x 5 m

COMMENTS:
AP84029(A) SAME LITH & BEDDING ORIENTATION
ON ROAD TO POWERLINE LARGE BK 8m x 20m
elev (320m)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	248/64			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/75

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
16/06/84	APGF	APB4030	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/2		NO

EASTING	NORTHING	ELEVATION
501600	6109400	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 4/2	N 4/0	-	QTZ LIMC	VPg	?	fm

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	md	NINE	MINOR LAM	ROAD BED 3m sq

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	NO BEDDING		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84/05

DATE 16/06/84	GEOLOGIST APGP	OUTCROP AP84031	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) NO	
EASTING 501550	NORTHING 6109675	ELEVATION 350 M	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLST	5/2	N 4/0	—				
FOSSILS —	INDURATION M	ACCESSORY MIN./STAINING Fe staining Fe NoD	BEDDING/BED. FEATURES THIN PLANK BEDS	OUTCROP TYPE/SIZE AD 8GD			

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	235/72		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE 16/06/84	GEOLOGIST AP G S	OUTCROP APB4032	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) No	
EASTING 504200	NORTHING 6107450	ELEVATION 690m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
VOLCANIC AND?	5R	5G4	20M				
	5/3	5/1					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
					20m THICK x100m		

COMMENTS:

cap volcanic - sediments below cap - no contact visible due to size & neg cover

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:

volcanic cap appears to be fairly flat lying

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-09

DATE 16/06/84	GEOLOGIST APGS	OUTCROP AP84033	SLIDE/PHOTO
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MAP 03 P/2	AERIAL PHOTO	SAMPLE(S) N6
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EASTING 504350	NORTHING 6107825	ELEVATION 610M
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLST	SYR 1/1	N5/0	15M				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
		F	THIN PLANAR BEDDED-SLIGHTLY	4x50M

COMMENTS:
BAKED
MORE SHALLOW MARINE THAN OTHERS
ALL %C TODAY HAVE BEEN MORE UNIFORM

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	215/49N		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84/08

DATE 16/06/84	GEOLOGIST AP-6F	OUTCROP AP84034	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) NO	
EASTING 503900	NORTHING 6108910	ELEVATION 555M	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS SLST	N 3/0	N 2/0	4M				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
?	W	Fe Fe nodules	PLANAR (THIN)		5x3M		

COMMENTS: VFG SS or coarse SLST slightly metamorphed
o/c surface glaciated
possible SiO₂ cement of invertebrate fossils NO HCl REACTION

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	268/52°N		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			194/68° & 185/55°	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04/05

DATE 16/06/84	GEOLOGIST APGE	OUTCROP AP84035	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) NO	
EASTING 502725	NORTHING 6111420	ELEVATION 525M	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	N7/6	N4/0	5M				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	FISSILE M → W	F ₂		11 THIN PLANAR BEDDING		RD CUT 328M	

COMMENTS:

MARINE SLTST

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
-							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF FLOOR
-						

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	235/57'		
FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7850 8403

DATE 16/06/84	GEOLOGIST APGF	OUTCROP AP 84036	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S) PYRITE NODULE & FOSSILS
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EASTING 502950	NORTHING 611280	ELEVATION 555m
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SIST	N 4/0	N 3/0					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
NUMEROUS VERTICAL	W	Fe on ITS				Narrow PIT 12x30m	

COMMENTS:
 (AN WARM QUARRY?) PYRITE NODULES } SLATY BEDDING
 W CALSIRE
 HEMATITE W SIG. NODULES } **VERY MARINE %C**

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	250/56°N		

TYPE	FOLDS	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND PLUNGE		
		350/82E & 145/55W	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-08

DATE 16/06/84	GEOLOGIST AP & GF	OUTCROP AP84037	SLIDE/PHOTO
MAP 103P/2	AERIAL PHOTO	SAMPLE(S)	
EASTING 504100	NORTHING 6109020	ELEVATION 670m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	54R $\frac{1}{2}$	54R $\frac{1}{2}$	10 m		—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
—	W	FENODULES STAINING	Thin planar BEDS	ROADCUT	2x15		

COMMENTS:

SIMILAR TO ALL PREVIOUS O/C'S

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

E: 503770 N: 6109600
AP84037(a) O/c on Creek similar
Lith & Attitude.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	262/82N		
FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION
	163/523/213 vert		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE 16/06/84	GEOLOGIST AP:GF	OUTCROP AP84038	SLIDE/PHOTO
MAP 103 P2	AERIAL PHOTO	SAMPLE(S)	
EASTING 503575	NORTHING 6110000	ELEVATION 650m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 7/3	N3/10	15m	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	well	Fe staining	THIN PLANAR		ROADCUT 4x6		

COMMENTS:

SIMILAR TO ALL PREVIOUS o/c

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

E150367# N:6110400
AP84038A) o/c on ROADCUT SIMILAR WITH?
ATTITUDE TO 038 ELEV 670m

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	243/48°N		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
	JOINTS/CLEAVAGE		
	311/vert / 036/635		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7485 84/05

DATE 16/06/84	GEOLOGIST AP & G.F.	OUTCROP AP84039	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)	
EASTING 503530	NORTHING 611050	ELEVATION 620m	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	N5/0N70		10m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	well	FL STAINING	THIN PLANAR BEDDING		ROADCUT 10x18		

COMMENTS:

SIMILAR TO PREVIOUS.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

E: 503270 N: 6111400

AP84039(a) SIMILAR O/C INTERMITTENT ALONG ROAD CUT

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE ORIENT.	DISP.
	237 / 56°N		Thrust 312/34°	
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

OUTCROP DESCRIPTION FORM

7885 84/03

DATE 26/08/84	GEOLOGIST APEGF	OUTCROP CR 5	SLIDE#
MAP 103 1/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 505975	NORTHING 6083065	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5YR 4/2	5GY 4/1	10+	1-2 WB	F-m	a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
"	mod	minor Fe	THIN PLANAR BEDS		STRIKES		

COMMENTS:

O/C ALONG STRIKE BEDDING (INT) CLUSTER POINT.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	N3/0	N3/0	3m	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
—	mod.	—	THIN PLANAR BEDS		—		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COAL	N2/0	N3/0	paddy		—	—	—

COMMENTS:

DISCONTINUOUS

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	297/64	000/88°	possible fault in creek
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
ANTICLINE		—	RTZ VE / 1/1/16

COMMENTS:

CRIPPLE MAY FOLLOW FAULTED ANTICLINE

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

①

DATE 24/03/84	GEOLOGIST K. H. G. F.	OUTCROP CF 22	SLICE/PHOTO
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MAP 0845	AERIAL PHOTO	SAMPLE(S)
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EASTING 506160	NORTHING 6083050	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5% 4/2	5% 4/2	?	1-2 1/2		2	1
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant		fol.	fine		-		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Silt	22%	22%	?	-		-	
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
			?				

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
type	22%	22%	-	-	-		

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	100-150	347/1000	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				1.5m

COMMENTS:

all on 6/1/84

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

①

7885 8405		DATE 20/2/94		GEOLOGIST APL/GF		OUTCROP CROSS		SLIDE/PHOTO	
MAP 12/12		AERIAL PHOTO		SAMPLE(S)					
EASTING 506100			NORTHING 6083240			ELEVATION			
GEOLOGY									
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S		
SS	5/1/2	5/1/2	5 m	1/16	m	a	m		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			
—	m			thin bedded					
COMMENTS:									
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S		
SS	1/1/2	1/1/2	2+ m	—					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			
COMMENTS:									
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR		
SS	1/1/2	1/1/2	200						
COMMENTS: folded									
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS				
	RANGE		MEAN		TYPE ORIENT. DISP.				
324/24									
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE			INTRUSIVE/VOLCANICS TYPE RELATION			
COMMENTS:									

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE 26/08/84	GEOLOGIST APE GF	OUTCROP C104	SLIDE/PHOTO
MAP 103/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 506300	NORTHING 6083340	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	AS BLT						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	AS BLT						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	5-11			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	SEVERE FOLDS			

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE 26/08/84	GEOLOGIST AP/GF	OUTCROP CRO5	SLIDE/PHOTO .
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MAP 103 1/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 506460	NORTHING 6083415	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	N3/0	N2/0	8	11.5	16		22
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
---	W	---	Plays beds		---		

COMMENTS:
Plays beds fault zone

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	000/35		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04-05

DATE 26/04/84	GEOLOGIST APD'GF	OUTCROP CRO 6	SLIDE/PHOTO
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MAP 10915	AERIAL PHOTO	SAMPLE(S)
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EASTING 506740	NORTHING 6083515	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS/SLTST		N70	20m	LP	fine		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
			11/15 p.p. etc	

COMMENTS:
Thin shaly limestone

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		225	20°

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 04/03

DATE 2/2/4	GEOLOGIST J. J. BF	OUTCROP LN 1	SLIDE/PHOTO
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MAP 2015	AERIAL PHOTO	SAMPLE(S)
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EASTING 506900	NORTHING 6083760	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SAND	M 3/4	W 1/4	20+				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
---	10'	none	thin bedded		2005		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	210	42°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE 26/08/84	GEOLOGIST A.P. G.F.	OUTCROP CR 05	SLIDE/PHOTO
MAP 103 1/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 506965	NORTHING 6083750	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
W	F						
SLSST	N 3/0	N 3/0	VAR 2+	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
ARD P.F.	P.	-	TRACED LINES		SC		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
W	F						
SLS	N 3/0	N 3/0					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
PF			-				

COMMENTS:

COALY STRIPES

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	125/130			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
	SINSA	211/31		

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8405

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

DATE JUN 27/84	GEOLOGIST JT + IP	OUTCROP T84001	SLIDE/PHOTO
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MAP 103 I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 540800	NORTHING 6079300	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Silt	5YR 6/1	N4		-	-	-	Well

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
belemnites	M	FE STAINING CHCC	V. ... Lined.	RD OUT - 200's

COMMENTS: ...
brachiopods
oyster shells

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser 9p
Fossils -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: 794

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			282/87 31	198/62 32

COMMENTS: ...
S₁ folds ?

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 04/05

DATE JUNE 7/84	GEOLOGIST VT + IP	OUTCROP T84002	SLIDE/PHOTO
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MAP 103J/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 540325m	NORTHING 6080630m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S137	5YR 6/1	N4	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
belemnites	M	FE STAINING	THINLY BED MINOR CRACKS	RD CUT

COMMENTS:
CARBONACEOUS LAYER ~ 0.5m.
COALY LENS
BIOTURBATION - RIP UP CLASTS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser Gp
FACIES -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE		MEAN	
		179/33 179/34	180/35	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			282/87 198/62	qtzite

COMMENTS: S₁ S₂ intrusives
SLICINSIDES ON JOINTING

OUTCROP SKETCH (OVER)

7605 04/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUNE 7/80	GEOLOGIST VT + IP	OUTCROP T84003	SLIDE/PHOTO
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MAP 103J/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 539960m	NORTHING 6081655m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SYST	SYR 4/1	N4		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	FE STAINING	FLAT/GRY/FINE		RD CUT CALC VEIN 3-40cm		

COMMENTS: -

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SANDST.	SYR 4/1	NS		lith	f.g	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	FE STAINING	MASSIVE CALC VEIN		RD CUT		

COMMENTS:

CLAY SLTS
CALC VEIN
RDY SST
GR GREEN SLTST

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

Bowser Gp

FACIES -

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	145/23° 149/21°	115/18°	MINOR

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

EVIDENCE OF FOLDING

GR. GREY SLTST - MASSIVE - BECOMING MORE SLT.
T: DR. SLTST - CALC VEIN - FLAT/GRY SLTST
OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/06

DATE JUNE 8/84	GEOLOGIST IT # 1 P	OUTCROP T84009	SLIDE/PHOTO
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MAP 103 I/16	AERIAL PHOTO	SAMPLE(S) SAMPLE S.S.
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EASTING 539680m	NORTHING 6084250m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
acton sst	SYR 911	NS		lith.	f.g	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	FE STAINING	MASSIVE CALC VEIN	1d cut

COMMENTS: SLICE INSIDES.
LAMINATED
HIGHLY FRACTURED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: BOWSER Gp.
FACIES -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
			MINOR SLICINGS

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				VOLCANICS.

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

7685 84/05

OUTCROP DESCRIPTION FORM

DATE JUNE 8/84	GEOLOGIST VT - JP	OUTCROP TB 4005	SLIDE/PHOTO
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MAP 103 I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 539700m	NORTHING 6084590m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	SYR 4/1	N-S		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe staining	thickly bedded calc veining		rd cut		

COMMENTS:
over burden between
sandstone and volcanic

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	br grey	br grey					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
		Fe staining	w/ln thick calc veining				

COMMENTS:
Bowser Qp
Faces

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
			map fault S1K sides

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				Volcanics

COMMENTS:
evidence of Chalcopyrite
possible hornblende

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE June 3/81	GEOLOGIST VT + IP	OUTCROP 784006	SLIDE/PHOTO
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MAP 103I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 540000m	NORTHING 6085550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/tst	5YR 4/1	N5	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
leaf imprints	M	Fossils	V thickly bedded calc veining		rd cut		

COMMENTS: slidesides.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser Gp
Faces -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8/05

DATE June 8/80	GEOLOGIST YT + IP	OUTCROP T84007	SLIDE/PHOTO
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MAP D3I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 539525	NORTHING 6087630m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	N7	NS		lith	f.g.	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Festum	thick bedded calc. veining	road cut

COMMENTS:
sst interbedded w/ calc.
Festum

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst	W	F					
sst	N7	NS		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Festum	thin bedded calc. veining	road cut

COMMENTS:
mar sst bands

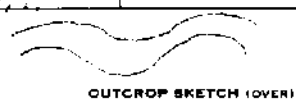
COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:
Bowser GP
Facies.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE		MEAN	
	030/85	050/71°		
	030/87	062/48°		thrust minor

STRUCTURAL GEOLOGY TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	S ₁	minor		

COMMENTS:
slickensides
S₁ jointing.



OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 8/84	GEOLOGIST VT + JP	OUTCROP T84008	SLIDE/PHOTO
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MAP 103 J/16	AERIAL PHOTO	SAMPLE(S)
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EASTING 540425m	NORTHING 6091400m	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sltst	5YR 4/1	NS		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Festoon	thick bedded Calc. Venning		rd cut		

COMMENTS:
BOWSER Gp.
FACIES -

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	br gray	gray		lith.	fig.	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Festoon	thick bedded Calc. Venning		rd cut		

COMMENTS:
Pebble Cong.
chert ~ 0.5m thick
hard to trace v. broken

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
VITRAUD	N3	A1	10-15 cm	10-15 cm	Dull BANDS		

COMMENTS:
v. broken.
thin bed at bottom of outcrop.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
			minor

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
shaly beds

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7895 6A/05

DATE June 8/89	GEOLOGIST VT + IP	OUTCROP —	SLIDE/PHOTO
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MAP 103I/16	AERIAL PHOTO	SAMPLE(S)
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EASTING	NORTHING	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Siltst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: Same as T84008

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: Bowser Gp
Facies.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				Tuff

COMMENTS: Tuff ~ 1m thick

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 8/84	VT + IP	T84009	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/16		

EASTING	NORTHING	ELEVATION
542055m	6093700m	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s4st	3Y2 12/1	N5		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe stain	thick bedded Ca vein		rd cut		

COMMENTS:
s4st is overlain with sst
w-lyg - F-stp sst - thick bedded.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	N7	5Y N7		lith	f.g.	R	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	Ca vein		rd cut		

COMMENTS:
Bowser Gp
Facies. -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE JUNE 10/84	GEOLOGIST VT + IP	OUTCROP T84010	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 545 850		NORTHING 6098400	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	5G14/1	N4		lit.	f.g.	SL	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	map Fe stains	massive - HAZO Calc VEINING		rd cut		

COMMENTS: slickensides

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser GP.
FACIES -

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/08

DATE JUNE 16/80	GEOLOGIST VT-IP.	OUTCROP T89011	SCALE PHOTO ①
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 546 025	NORTHING 6098 575	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sHst	5YR4/1	N3		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	N1	Fe staining	V. thin bedded Cu. veining		rd cut		

COMMENTS:
stickiness along joints
Congl. rubble - filler for top

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:
possibly upside down? + eroded
tip up clasts. no sign of melt at contact

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:
Bowser GP
Facies.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				basalt

COMMENTS:
structure - bedding not visible.

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 64-08

DATE June 19/80	GEOLOGIST JT + JP.	OUTCROP 784011a	BLADE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 547 800	NORTHING 6100 250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slt	10YR 5/4	N3		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe staining pyrite		-		rubble	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: Bowser Pp
FACIES

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.


FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS
	TYPE TREND	PLUNGE	
			volcanic weatp

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 SAOS

DATE June 10/84	GEOLOGIST VT + IP.	OUTCROP T94012	SLID/PHOTO 
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 550 025	NORTHING 6101650.	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
siltst	10YR 6/6	5Y 7/1		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe staining	thick bedded Ca Veining		rd cut		

COMMENTS: V hard mss X-bearing E-st

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser Gp
Facies.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	no reliable bedding		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: highly fractured.

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE June 10/84	GEOLOGIST VT - IR	OUTCROP T890122	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 550 250	NORTHING 6101 850	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
siltst	10YR 6/6	5Y 2/1		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe staining	thick bedded cal. veins	rd cut

COMMENTS:
friable
highly fractured

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
Bowler Gp
FACIES.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	± 2° ± 2°	Q35/24°	

FOLDS TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
	minor			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE June 12/80	GEOLOGIST YT + JS.	OUTCROP 784013.	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561150	NORTHING 6106350	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/s	10YR 6/2	NA	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe pyrite	massive Ca. veining		rd cut		

COMMENTS: slickensides.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/4	NS	-	lith.	y.f.g.	SR.	WS.
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe	Ca. veining.		rd cut		

COMMENTS: Bowser qp

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				volcanic.

COMMENTS: volcanic overlapping sediment

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 12/84	GEOLOGIST VT + JS	OUTCROP 784013	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561150	NORTHING 6106350	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 7/4	N-3	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
	M	Fe	Ca. Verming s. sed def			rd. out.	

COMMENTS: 51st crossbedding mudstone laminated

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS: Bowser GP

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE June 12/89	GEOLOGIST VT → JS	OUTCROP 784013 a	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561450	NORTHING 6106550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
s1st	SY 4/1	N 4	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe.	shaly beds Ca. veining	rel. cut

COMMENTS: abundant pyrite.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser Gp

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				Volcanic.

COMMENTS: volcanic interbeds

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 12/89	GEOLOGIST VT + JS.	OUTCROP 78401A	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 562550	NORTHING 6107750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
silt	5YR 5/6	N-3	3m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M.	Fe.	v. thick. Ca veining		rd cut.		

COMMENTS:
Silt had laminated ss under oolite nodules.
62 lower silt + silt

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:
Bowser Qp

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	202/47 W.		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE June 12	GEOLOGIST VT - SS.	OUTCROP 784014	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 562550	NORTHING 6107750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSC	10YR 7/4	N-5	2m.	lithic	f.g.	SR	WS.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	thick Ca. vein.	rd cut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

Bowser Gp.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	202/38 W.			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8A/05

DATE June 12/89	GEOLOGIST VT + SS.	OUTCROP 784015	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 562750	NORTHING 6112750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	5Y 3/2	10Y 4/2		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant frag	M	Fe	thick 2 bedded veins	rd cut

COMMENTS:
mdst interbedded @ volcanic
carbonyl frag

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/st	5Y 7/2	5Y 3/2	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M		thick Ca. veins	rd cut

COMMENTS:
Bowser Gp.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				volcanic

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE June 12/84	GEOLOGIST VT + JS	OUTCROP 784016	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 56255D	NORTHING 613100	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/st	5Y 6/1	5Y 5/2	8m.	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	v. thick bedded Ca vein		rd cut		

COMMENTS: - o/c on both sides of road

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	5Y 6/1	5Y 3/2	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	5-10cm thick X-bedding		rd cut		

COMMENTS: interbed with s/st
lamination in 5-10cm
X-bedding lg. ripple marks

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: Bowser qp

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	203/65 W.			

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION
				intrusive -	

COMMENTS: interbedded s/st
none visible on junction

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 BA/05

DATE June 12/90	GEOLOGIST VT + JS	OUTCROP 784017	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561500	NORTHING 6116250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 5/9	NS	1.5m	lith	m.g.	A	NA

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
Carby wood	H	Fe	v thick. 1/2 veining	rd cut

COMMENTS:

Carby wood in float
intrusive inabd with sst.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

Bowser 910

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				intrusive.

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE JUNE 12/84	GEOLOGIST VT + JS	OUTCROP 788017a	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561250	NORTHING 6156750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/4	5Y 6/1	2m	1.1	cg	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	thick Ca veining		rdcut		

COMMENTS:
carb. sites in slump

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/kt	10YR 7/4	5Y 6/1	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant -503	M.	Fe	Ca veining		rdcut		

COMMENTS:
Bowser Gp

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/03

DATE June 12/82	GEOLOGIST VT + J.S.	OUTCROP 784018	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S) 784018.
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EASTING 560550	NORTHING 6123450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	N6	N4	6m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant frag	M	Fe	✓ thick. Ca weaning	rd cut

COMMENTS: ripple marks.
carbony plant frag.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	N6	N3	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant frag.	M	Fe		rd cut

COMMENTS: mdst laminated with slst
grading into coaly mdst sample 89018
~ 10cm intbed at intv 115

COAL LITH.	COLOUR		THICKNESS	COAL	COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: Bower sp.

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	218	40°W	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE JUNE 12/84	GEOLOGIST VT & JS.	OUTCROP T84018	SLIDE/PHOTO
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MAP 103P/11	AERIAL PHOTO	SAMPLE(S)
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EASTING 560550	NORTHING 6123450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	57 6/1	N-6	3m	lith.	mg.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	2 veining		rd cut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser 9p

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 14/80	GEOLOGIST VT + SS	OUTCROP T84019	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 502 275	NORTHING 6106 725	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst	10YR 7/4	N4	2m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	S	Fe		rd cut

COMMENTS: friable, fluggy

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bwser 9p
marine

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	22	044 / 15°W	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 24/05

DATE June 14/82	GEOLOGIST VT - JS.	OUTCROP T840192	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 504 000	NORTHING 6106 875	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	SYF 3/16	NA	1.5m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
-	S+m	Fe		flaggy	rd cut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS: Bowser gp
marine

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	WOOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 14	GEOLOGIST VT * SS.	OUTCROP 784020	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 497 150	NORTHING 6114 100	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 5/4	N-6	3.5m	lithic	f.	SR	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	thick ca vein	Ro cut

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

Bowser gp.
marine

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/05

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

DATE JUNE 14/84		GEOLOGIST VT - JS		OUTCROP T84021		SLIDE/PHOTO	
MAP 108/3		AERIAL PHOTO		SAMPLE(S)			
EASTING 497 375			NORTHING 6113 925			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ss t	10YR 7/4	NS	2m	lithic	f.g.	R	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe			R cut		
COMMENTS: ss t has intervals of interbedded mds.							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mds t	10YR 5/4	N4	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M.	Fe			R cut		
COMMENTS: BOWSP JP MARINE							
COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS			
	RANGE		MEAN	TYPE	ORIENT.	DISP.	
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS:							

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE June 10/81	GEOLOGIST VT & JS	OUTCROP T84021a	SLIDE/PHOTO
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MAP 103P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 497 600	NORTHING 6113 715	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ast	10YR 7/4	N5	3m	1.4	f.g	SR	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	H	Fe		rd cut

COMMENTS: some ast T84021
~ 200m long with overb. intervals

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 5/4	N4	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	H	Fe	-	rd cut

COMMENTS: Bowser Sp
marine

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	239 / 47° W		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8408

DATE June 14/89	GEOLOGIST JT + SS	OUTCROP 784022	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 498 450	NORTHING 6113 350	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	5/4/1	N6	1.5m	lith	m.g.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	thick		rd cut.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	5/4/1	N4	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	-	-	-		rd cut		

COMMENTS:

intbedded in sst
m

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

Bowser 9D
marine

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 4405

DATE June 14 / 89	GEOLOGIST VT - 35	OUTCROP T84023	SLIDE/PHOTO
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MAP 103 P/3.	AERIAL PHOTO	SAMPLE(S)
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EASTING 498 825	NORTHING 6113 175	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
msst	5/4/1	N3	1.5m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe.	msst thick Ca staining	rd cut

COMMENTS: flaggy.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser GP.
marine

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	237 / 50° W		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE June 14/89		GEOLOGIST VT - JS		OUTCROP 784024		SLIDE/PHOTO	
MAP 103P13		AERIAL PHOTO		SAMPLE(S)			
EASTING 499 250			NORTHING 6112 300			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SSe	10YR 7/4	NS	1m	lith	m.g	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	H	Fe		thick		vd cut	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

*Bowser JP
marine*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE June 14/89	GEOLOGIST VT + JS	OUTCROP 784025	SLIDE/PHOTO
MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 499 500	NORTHING 6111 600	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Mds +	10YR 8/6	N3	2 m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	thick over 2' vein		rd cut		

COMMENTS:

flaggy

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

powder GP
matrix

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	240/37° W			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7885 8A/08

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>June 14/80</i>	GEOLOGIST <i>VT + SS</i>	OUTCROP <i>784026</i>	SLIDE/PHOTO
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MAP <i>103 P/3</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>499 725</i>	NORTHING <i>6111 200</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>ssc</i>							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: *SAME AS T84024*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: *Bowser GP
marine*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

OUTCROP DESCRIPTION FORM

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DATE June 14/89	GEOLOGIST VT - JS	OUTCROP T84027	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 500 550	NORTHING 6109 875	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: SAME AS T84025

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: BCWset 9P
NATIVE

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE JUNE 16/89	GEOLOGIST VT + JS	OUTCROP T84028	SLIDE/PHOTO
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MAP 103P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 498850	NORTHING 6112800	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10VR B16	N4	1m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe.				rd cut	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

Bowser GP
marine facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 24/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 16/89	VT + SS	784028d	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/B		

EASTING	NORTHING	ELEVATION
498650	612550	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10 YR	M	2m	-	-	-	-
	B/G						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	thick beds		rd cut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

low 9P
marine facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	073	140		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
June 16/84	VT + SS.	T84039	

MAP	AERIAL PHOTO	SAMPLE(S)
103P/B		

EASTING	NORTHING	ELEVATION
498600	611900	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/4	N5	3m	lith	f-g	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	H	Fe	ch. vein			rd cut	

COMMENTS:
 1. sst with green with sst
 beds in 7-10cm.
 sst thin layers in rd cut - medium

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 7/4	NA	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	H	Fe				mdst	

COMMENTS:
 Bowser GP
 marine facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	not possible		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7505 24-05

DATE JUNE 16	GEOLOGIST J.T.-J.S	OUTCROP T84029a	SLIDE/PHOTO
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MAP 103P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 498650	NORTHING 0111750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/4	N5	2m	lith	fg	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	H	Fe	thick	rdict

COMMENTS:
 same as T84029. not include becoming more abundant

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst.	10YR 7/4	N4					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe		rdict

COMMENTS:
 lower 9p
 more fines

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	not visible		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/03

DATE June 10/89	GEOLOGIST YT & SS	OUTCROP 784030.	SLIDE/PHOTO
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MAP 103P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 199000	NORTHING 6112 450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst.							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: same as 784028

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: Bowser gr
maine facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 16/84	GEOLOGIST VT - SS	OUTCROP 7840300	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 499 300	NORTHING 6111 700	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 8/6	N3	2m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	thick		rd cut		

COMMENTS: highly weathered

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser 9p
marine facies?

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	066	20°W		

FOLDS TYPE	TREND		PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8408

DATE June 16/84	GEOLOGIST VT & JS	OUTCROP T94031	SLIDE/PHOTO
MAP 103 P/B	AERIAL PHOTO	SAMPLE(S)	
EASTING 499 475		NORTHING 6111 150	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
Slt	10YR 7/4	N5	1m	lith	f.g	SR	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	track		rd cut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

*Bowser gp
marine facies.*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/08

DATE June 16/21	GEOLOGIST YT 4 SS	OUTCROP 784032	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 499 700	NORTHING 6110 750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
msd							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Same as 784030

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: bowser qp
marine facies

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 17/84	GEOLOGIST VT & IP	OUTCROP T84033	SLIDE/PHOTO
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MAP IC3P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 477 950	NORTHING 6110 400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst	5Y 6/1	5B 5/1	3m	inh.	f.g	R	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	v thick	rd cut.

COMMENTS: darker fg sst has been
 in former photos. - N4 - Fresh

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser 9P.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE Sukr. 17/84	GEOLOGIST VT + IP	OUTCROP 764033a	SLIDE/PHOTO
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MAP 103P13	AERIAL PHOTO	SAMPLE(S)
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EASTING 478 700	NORTHING 6109 525	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
see	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: same as T84033
zeolites - 1st grade mineralogical

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser GP

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	not possible.			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: 1 rubble can see fine laminations as ss + silts

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE June 17/84	GEOLOGIST VT-IP	OUTCROP T84033b	SLIDE/PHOTO
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MAP 103 P/B.	AERIAL PHOTO	SAMPLE(S)
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EASTING 479 100	NORTHING 6109 550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SEL	10YR 5/4	N5	4m	lith	fg	SK	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	pyrite Fe	thick	rd cut

COMMENTS: rds: limonite

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
p.dsi	10YR 5/1	N4.	-	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	-	rd cut

COMMENTS: Bowser 9p

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	110	53°	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE June 17/89	GEOLOGIST VT + IP	OUTCROP 784033C	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 479 350	NORTHING 6109 775	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	10YR 5/1	N5	2m	lith	fg	SE	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	H			rd cut

COMMENTS: some 781-83
mdst + low-dip

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst.	10YR 5/1	N4					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	H			

COMMENTS: Bowser 9P.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	110°/52°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-08

DATE JUNE 16/84	GEOLOGIST VT & IP	OUTCROP T84034	SLIDE/PHOTO
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MAP 103 P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 574 850	NORTHING 6105 150	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	10YR 5/4	N-5	2.5m	1/4	F-G	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M>H	Fe	X-bedding	in gravel pit

COMMENTS:
right way up
md + st laminations.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
Bowser GP

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	260/66°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER):

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE Sept 17 84	GEOLOGIST VT + 1D	OUTCROP T8403.5	SLIDE/PHOTO
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MAP 103P/B	AERIAL PHOTO	SAMPLE(S)
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EASTING 574 250	NORTHING 6102 925	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ssst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS: same as T840270

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ssst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS: Bowser GP

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7555 84/05

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

DATE June 17/84		GEOLOGIST VT & IP		OUTCROP 784036		SLIDE/PHOTO	
MAP 108P/3		AERIAL PHOTO		SAMPLE(S)			
EASTING 475 850			NORTHING 6099 950			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	NE	NA	8m	l.hk	f.g.	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M-H	Fe		well Ca. 2m			
COMMENTS:							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sist	3YR 5/6	N3	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	M	little Fe					
COMMENTS: where (in heading is sist - W N4 F N3 							
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COMMENTS: Bowser 9p.							
STRUCTURAL GEOLOGY	BEDDINGS NO. TAKEN				FAULTS		
	RANGE		MEAN		TYPE	ORIENT.	DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE			INTRUSIVE/VOLCANICS TYPE RELATION	
COMMENTS:							

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 44/05

DATE <i>JUNE 20/81</i>	GEOLOGIST <i>YT.</i>	OUTCROP <i>784037</i>	SLIDE/PHOTO
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MAP	AERIAL PHOTO	SAMPLE(S)
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EASTING	NORTHING	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
omitted

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE June 30/84	GEOLOGIST VT J IP	OUTCROP T81058	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 588 275	NORTHING 6128 900	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	10YR 7/4	N5	4m	1.4H	1.9	SE	N
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	sh. c. mps. G. vein		patina		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

U3B - L'Anse-au-Lac GP
Detail slope faces

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	115°/40°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8-05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE June 20/83	GEOLOGIST V.T. + P.	OUTCROP T84038	SLIDE/PHOTO
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MAP 93m 5	AERIAL PHOTO	SAMPLE(S)
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EASTING 588 275	NORTHING 6128 900	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/sst.	10YR 5/1	N4	4m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
plant frag.	+	Fe	thick	natural			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

USB to Bowser Lake Gp.
Deltaic slope facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8406

DATE JUN 29/84	GEOLOGIST VT & IP	OUTCROP 7840P1	SLIDE/PHOTO
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MAP 93 M:5	AERIAL PHOTO	SAMPLE(S)
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EASTING 588 625	NORTHING 6129.725	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 6/2	M7	3m	1-4	f.g.	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe.	fl.	natural

COMMENTS: r/c among sst & sst rubble.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: USB Lr Bowser Gp
Deltic slope facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	not possible			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 20/84	GEOLOGIST YT + IP	OUTCROP 784040	SLIDE/PHOTO
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MAP 93M/5	AERIAL PHOTO	SAMPLE(S)
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EASTING 591 025	NORTHING 6131 925	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slt	1041-7/4	N4	4m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	+ ci		rd cut.		

COMMENTS: rrr Est bearing

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: uSB Lr Bowser gp
Deltaic slope facies.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	030° / 10°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE June 20/84	GEOLOGIST VT + WP	OUTCROP 7840402	SLIDE/PHOTO
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MAP 2305	AERIAL PHOTO	SAMPLE(S)
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EASTING 592 250	NORTHING 6131 525	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s/lsst	10YR 7/4	M4	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	3.5 cm		R cut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: USB Lr Bowser Gp.
Deltaic slope faces

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	020°/10°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 2A/03

DATE June 20/84	GEOLOGIST VT - 1P	OUTCROP 784041	SLIDE/PHOTO
MAP 93M5	AERIAL PHOTO	SAMPLE(S)	
EASTING 580 925	NORTHING 6134 150	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst	10YR 6.2	N5	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fp	slst.		stcom		

COMMENTS: -10012001

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: JKB Int. Bowser Lake 9A
Lagoonal Facies

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE June 00/84	GEOLOGIST VT + IP	OUTCROP T84041	SLIDE/PHOTO
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MAP 93m/5	AERIAL PHOTO	SAMPLE(S)
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EASTING 586 725	NORTHING 6135 150	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	5V 6/11	NG		lith	mg.	SA	P

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe pyrite	thick mud sh	stream. under bridge

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: JKB. Int. Bowser Lake Gp.
Lagoonal Facies.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	160°/60°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 22 84	GEOLOGIST VT + IP	OUTCROP 784042	SLIDE/PHOTO
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MAP 93M/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 597 500	NORTHING 6125 600	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS6	SGY 6/1	WYR 5/4		lith	f.g.	SR	W.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-	cr.

COMMENTS:
mnr bands of early shale

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
1 KB Uppr Bowser Lk.
Lower floodplain facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE June 22 1984	GEOLOGIST NT + IP	OUTCROP T84043	SLIDE/PHOTO
MAP 93M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 598 800		NORTHING 6120 200	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/1	5YR 8/1	8m	1. sh. 2. l. os.	m.g.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe				rd cut	

COMMENTS: intbd with. fine gr sst.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sse	NA	5Y 6/1		l. th	f.g.	SK	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe		-		rd cut	

COMMENTS: UKB Lr. Bowser
Lr. flood plain facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	135°/20°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7855 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE June 22 84	GEOLOGIST VT - IP	OUTCROP T84044	SLIDE/PHOTO
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MAP 93M/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 599 000	NORTHING 6120 400.	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	10YR 7/4	5YR 8/1	3m	l.th.	M.G.	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-	rd cut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Conq	10YR 7/4	5YR 8/1	1m	l.th.	C.G.	SR	M.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-	rd cut

COMMENTS:

gtz pebbles
chert

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

UKB Lr Bowser.
Lr. flood plain facies

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	050/45		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER):

7885 8408

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE Sun. 20 84	GEOLOGIST VT + IP	OUTCROP T8404A	SLIDE/PHOTO
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MAP 93M/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 399000	NORTHING 6120400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	N4	5Y 6/1	2m	lith	f.g.	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-	rd cut

COMMENTS: weathers flaggy - friable
mar. sstst bands ~ 3-5cm.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: UKB Lt. Bowser Lk.
Lt. floodplain facies

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	050/45		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE June 22 84	GEOLOGIST VT + IP	OUTCROP 784045	SLIDE/PHOTO
MAP Q3M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 603 250	NORTHING 6115 825	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Cong!	10YR 5/4	N6	1m	lith.	pebbles	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	H	Fe		-		rd. cut.	

COMMENTS: g+z
chr: pebbles.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: UKB. Lower Bowser LK.
Lr. floodplain facies

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE 50th 22 84	GEOLOGIST VT 410	OUTCROP T84046	SLIDE/PHOTO
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MAP 93M/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 602 975	NORTHING 6124 475	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S4st	10YR 6/2	N4		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	imp. Ca	rd cut

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

1KB. Upper Bowser Llc.
Lower floodplain facies

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	200°/50°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 44/05

DATE 30 Nov 22 /84	GEOLOGIST VT + 1D	OUTCROP 784047	SLIDE/PHOTO
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MAP 93M/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 608 750	NORTHING 6127 200	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS6	104R S14	N7	100m	lith.	m.g.	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
carb 1094	H	Fe	m.m. Co. vein		rd cut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS6	104R S12	N5		lith	f.g.	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	m.m. Co. vein		rd cut		

COMMENTS:

JKB Intm Bousier Lk.
Upper or Li floodplain facies

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	190 / 50°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE JUNE 22 84	GEOLOGIST VT + 1D	OUTCROP T84048	SLIDE/PHOTO
MAP 93M/6	AERIAL PHOTO	SAMPLE(S)	
EASTING 612 525		NORTHING 6133 300	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	SY 8/1	N6	20m	lith.	m.g.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	Ca vern		rd cut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	10YR 8/6	5Y 6/1	2m	lith.	C.G.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe.	Ca vern		rd cut		

COMMENTS:

Sst grades into chert pebble
Congl w 10-15cm

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

JKBL ~~that~~ Bowser
Lr. floodplain facies

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	170/15		
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7885 84/03

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUNE 22 84	GEOLOGIST VT - IP	OUTCROP 784049	SLIDE/PHOTO
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MAP Q3M/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 613 475	NORTHING 6136 750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
EST	10YR 8/6	N5.	2m	lith	fg	SK	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-	rd cut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

u.5 Bdf lr. Bowser.
Deltatic plain facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	130 / 75°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/03

DATE June 20 B4	GEOLOGIST VT-1P	OUTCROP 784050	SLIDE/PHOTO
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MAP 93M/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 607 950	NORTHING 6126 750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ss6	5Y 6/1	5Y 8/1	60m	lith.	m.g	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant frag	H	Fe	=	rd cut

COMMENTS:
silt and ss included

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
silt	5YR 4/1	5Y 6/1	60m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
plant frags	M	Fe	-	rd cut

COMMENTS:
JKB. Intm Bowser LK 9p
Upper or Lr floodplain facies?

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	225/75		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7889 64/05

DATE JUNE 22/84	GEOLOGIST VT + IP	OUTCROP T890510	SLIDE/PHOTO
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MAP 93m/6	AERIAL PHOTO	SAMPLE(S)
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EASTING 606 725	NORTHING 6126 525	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSe	54 611	NG	30m	l.H.	f.g	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	=	rd cut

COMMENTS: red Fe staining

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: JKB Intm Bawser
Uppr or Lt. floodplain facies

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	040/62		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 27/84	GEOLOGIST VT-IP	OUTCROP T84052	SLIDE/PHOTO
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MAP 93L/14	AERIAL PHOTO	SAMPLE(S)
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EASTING 604 950	NORTHING 6091 200	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
Sst	BYR 3/4	N8		lith	m.g	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	Carveins:	rd cut

COMMENTS:
sticks

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
u ss Bowser gp.
uppr Orfordian.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	not possible.		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE June 27/84	GEOLOGIST VT & IP	OUTCROP 784053	SLIDE/PHOTO
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MAP 93L13	AERIAL PHOTO	SAMPLE(S)
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EASTING 592 725	NORTHING 6088 900	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	10YR 6/2	N4	50m	lith	f.g	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	H	Mn Fe		Ca vein		natural	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	5G4 4/1	5G4 4/1			C.9	SR	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	S	-		-		natural	

COMMENTS: weathered, v soft found as pods in f.g. sst

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: 1KKS Hautiverian Skeena 90

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	290 / 65		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE June 27/84	GEOLOGIST VT + IR	OUTCROP T0405A	SLIDE/PHOTO
MAP 934/14	AERIAL PHOTO	SAMPLE(S)	
EASTING 610 800		NORTHING 6076 450	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
metm stst	5YR 5/6	NA	20m	lith vfg.		R	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	Ca veins.		natural		

COMMENTS: abundant in vein galena pyrite

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Hazelton gp.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	145	20°	

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 M/05

DATE June 30/84	GEOLOGIST VT + 1P	OUTCROP T84055	SLIDE/PHOTO
MAP 103 P/B	AERIAL PHOTO	SAMPLE(S)	
EASTING 551 525	NORTHING 6123 270	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst.	10YR 2/2	N3		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	massive		natural		

COMMENTS: ^{10m} weathers friable - breaks in shards at bottom and 1m at top becomes more consolidated

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 5/4	5Y 6/3	1m	lith	mg	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	thick		natural		

COMMENTS: broken

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: Bowser Gp
marine

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	010/30°			

FOLDS TYPE	TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 6406

DATE June 30/ 84	GEOLOGIST VT & JP	OUTCROP 784056	SLIDE/PHOTO
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MAP 103P/B	AERIAL PHOTO	SAMPLE(S)
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EASTING 551750	NORTHING 6122750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
msst	10YR 5/4	N3		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	irregular f. laminations	natural mtn.

COMMENTS: rip up clasts of sand f.g ss laminations

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: Bowser 9P marine

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	230/25°	010°/60°	

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE Jun 30/84	GEOLOGIST VT - IP	OUTCROP 784057	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 551450	NORTHING 6122225	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	19/R	612/N2		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe flss	Co. veining slt laminations		mdst		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: *Bowser 9p*
main

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	300°/24°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (ov)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/05

DATE Sun 20/84	GEOLOGIST VT + IP	OUTCROP T84058	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 550900	NORTHING 6121450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst	10YR 6/2	M4		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	massive Ca veins	mtn.

COMMENTS:
same as section
shards at bottom & more consolidated at top.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
Bawser 9p
marine

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	325/32°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/03

DATE June 30 / 84	GEOLOGIST VT + IP	OUTCROP T84059	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 550500	NORTHING 5122000	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 6/2	N4		-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	massive Ca veins	mtn

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

bcuser
mallee

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	150/40		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE Some 3/85	GEOLOGIST VT & IP	OUTCROP 784060	SLIDE/PHOTO
MAP 103 F, 1	AERIAL PHOTO	SAMPLE(S)	
EASTING 550 300		NORTHING 6122 325	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ss +	10YR 7/4	N5		lith	f.s.	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe.	abundant Ca veining		mt.		

COMMENTS: Continues along ridge.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: Bowser marine

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	045 / 55° ?			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 64-05

DATE <i>July 3/84</i>	GEOLOGIST <i>VT + 1P</i>	OUTCROP <i>TB4061</i>	SLIDE/PHOTO
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MAP <i>93M/4</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>570 700</i>	NORTHING <i>6098 000</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst</i>	<i>10YR 6/6</i>	<i>5YR 6/1</i>		<i>1/4h</i>	<i>m.g</i>	<i>SR</i>	<i>M</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>M</i>	<i>Fe</i>	<i>massive</i>	<i>natural m to</i>

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TYPE	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE July 3/ 84	GEOLOGIST VT + IP	OUTCROP 784062	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 57100	NORTHING 6098 550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SSC	5G4 4/1	N4	25m*	lith	f.g	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe		natural

COMMENTS: *continuous outcrop along ridge

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/105

DATE July 31 / 84	GEOLOGIST VT + IP	OUTCROP 781062	SLIDE/PHOTO
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MAP 93m/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 571 550	NORTHING 6098 650	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Sst	SGY 4/1	N4		lith	f.g.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	massive		poor		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 3 / 84	GEOLOGIST YT - IF.	OUTCROP T84064	SLIDE/PHOTO
MAP 93 M/A	AERIAL PHOTO	SAMPLE(S)	
EASTING 571 800		NORTHING 6098 650	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
est	564 A11	N4		lth	fg.	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	massive		natural		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE 5043/84	GEOLOGIST VT-IP	OUTCROP 784065	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 572 075	NORTHING 6098 775	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
skt	10/R 7/A	N5	3m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe				nat...	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION
	TYPE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7855 8405

DATE July/84	GEOLOGIST YT + IP	OUTCROP 784066	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 572 625	NORTHING 6098 800	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
siltst	10YR 7/4	N5	16m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	massive	nat.

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 18/84	RB-GF	F84001	
MAP	AERIAL PHOTO	SAMPLE(S)	PLANT
103 P 1		NAME	SAMPLE
EASTING	NORTHING	ELEVATION	
544375	6108950		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SST	10YR 4/2	5YR 4/1	3M	QTZ → LITHIC	FG	?	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	W	Fe	THICK → MASSIVE			RIDGE	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
MDST	10YR 6/2	NY	?	4TH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
PF	MH	Fe	PF ON BEDDING			FLOOR	

COMMENTS:

NEEDLE LIKE PLANT FOSSILS

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
-	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
		235/19	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

794

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2405

DATE JULY 18/84	GEOLOGIST R.B. - G.F.	OUTCROP F 84002	SLIDE/PHOTO
MAP 103 P 1	AERIAL PHOTO	SAMPLE(S) NONE	
EASTING 544150		NORTHING 6108720	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	5Y 6/1	2-2.5m	OTZ	FG	A	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	W	Fe	THLY BB DPAD		SIDE H/LL 2.23m		

COMMENTS:
BADLY FRACTURED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	275/21			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 2405

DATE <i>July 19/84</i>	GEOLOGIST <i>RB-G.R.</i>	OUTCROP <i>F84 002A</i>	SLIDE/PHOTO
MAP <i>103P1</i>	AERIAL PHOTO	SAMPLE(S) <i>NO</i>	
EASTING <i>544000</i>		NORTHING <i>6108280</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>							
FOSSILS <i>-</i>	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE <i>CLIFF FACE</i>	

COMMENTS:

Same lithology as 002 except different orientation. Grain size etc. Same

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>-</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
<i>-</i>							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>208/45</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 10/84	GEOLOGIST R. B. GF	OUTCROP F84003	SLIDE/PHOTO
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MMP 103P1	AERIAL PHOTO	SAMPLE(S) NO
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EASTING 543265	NORTHING 6107950	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5R 4/4	NS	-	OTZ	FG	A	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	FINELY LAMINATED		FLOAT		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLST	5R 4/4	NS	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	FINELY LAMINATED		FLOAT		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	FLOAT			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>June 10/04</i>	GEOLOGIST <i>R.B. GF</i>	OUTCROP <i>F84004</i>	SLIDE/PHOTO
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MAP <i>103P1</i>	AERIAL PHOTO	SAMPLE(S) <i>NO</i>
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EASTING <i>542450</i>	NORTHING <i>6107585</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>10YR 8/4</i>	<i>N7</i>	<i>-</i>	<i>OTZ</i>	<i>FG</i>	<i>SA</i>	<i>W</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>NO</i>	<i>MSH</i>	<i>Fo</i>	<i>NONE</i>	<i>RIDGE TOP</i>

COMMENTS:
*weathered ridge crown contained to hill
bright red Fe specks inside
on the - fresh surface bands to top*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>-</i>							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
<i>-</i>			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>NOT POSSIBLE</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE <i>July 18/84</i>	GEOLOGIST <i>RB GF</i>	OUTCROP <i>F84007A</i>	SLIDE/PHOTO
MAP <i>103 P1</i>	AERIAL PHOTO	SAMPLE(S) <i>NONE</i>	
EASTING <i>542250</i>		NORTHING <i>6107540</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>10YR 4/2</i>	<i>10YR 6/2</i>		<i>CHERT +qtz</i>	<i>CG</i>	<i>SR</i>	<i>M</i>
FOSSILS <i>—</i>	INDURATION <i>H</i>	ACCESSORY MIN./STAINING <i>qtz VEINS</i>	BEDDING/SED. FEATURES <i>MASSIVE</i>		OUTCROP TYPE/SIZE <i>HILLSIDE 2x1M</i>		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>—</i>							
FOSSILS <i>—</i>	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
<i>—</i>							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>NOT POSSIBLE MASSIVE</i>		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 18/84</i>	GEOLOGIST	OUTCROP <i>F84005</i>	SLIDE/PHOTO
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MAP <i>103 P1</i>	AERIAL PHOTO	SAMPLE(S) <i>NO</i>
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EASTING <i>541950</i>	NORTHING <i>6107470</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>5y</i> <i>6/1</i>	<i>N7</i>	<i>1m</i>	<i>QTZ</i>	<i>fine</i>	<i>SA</i>	<i>P</i>

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>-</i>	<i>M</i>	<i>-</i>	<i>ripple marks med beds</i>	<i>HILLSIDE</i>

COMMENTS: *SYMMETRICAL RIPPLE MKS*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>254/29</i>		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE <i>July 18/84</i>	GEOLOGIST <i>RB GF</i>	OUTCROP <i>F84006</i>	SLIDE/PHOTO
MAP <i>103 P 1</i>	AERIAL PHOTO	SAMPLE(S) <i>PLANT FRAGMENTS</i>	
EASTING <i>541740</i>		NORTHING <i>6107305</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SS / \$S</i>	<i>SYR 4/4</i>	<i>N4</i>	<i>15M</i>	<i>QTZ</i>	<i>FG - \$S -</i>	<i>\$S</i>	<i>W</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
<i>PF</i>	<i>H</i>	<i>MINOR \$S</i>	<i>MED. BEDDED</i>		<i>CLIFF DIP SLOPE</i>		

COMMENTS:
act. det. + det. - with ^{NEEDLE LIKE} plant fragments in the \$S
fingered 50% 50% (FORE DELTA SLOPE) BOWSER

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>245/52</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7883 84/05

DATE July 18/84	GEOLOGIST RB-G.F.	OUTCROP F84007	SLIDE/PHOTO
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MAP 103P4	AERIAL PHOTO	SAMPLE(S)
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EASTING 541465	NORTHING 6107400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	10YR 4/2	NS		PTZ	FG	SA	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	W	-	MASSIVE	CLIFF (RIDGE TOP)

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	250/15		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

- RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7625 84/05

DATE <i>July 20/84</i>	GEOLOGIST <i>RB.G.F.</i>	OUTCROP <i>F84008</i>	SLIDE/PHOTO
M.P. <i>93M13</i>	AERIAL PHOTO	SAMPLE(S) <i>NO</i>	
EASTING <i>580450</i>	NORTHING <i>6185180</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>\$5</i>	<i>5YR 4/4</i>	<i>5YR 4/1</i>	<i>-</i>		<i>-</i>	<i>-</i>	<i>-</i>
FOSSILS <i>-</i>	INDURATION <i>VF</i>	ACCESSORY MIN./STAINING <i>Fe</i>	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE <i>RIDGE TOP</i>		

COMMENTS:

*Badly fractured & unathand - contains
more fossils than the 3-5 m area to the right*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SS</i>	<i>10YR 5/4</i>	<i>N6</i>	<i>-</i>	<i>QTZ</i>		<i>SA</i>	<i>M</i>
FOSSILS <i>-</i>	INDURATION <i>F</i>	ACCESSORY MIN./STAINING <i>Fe</i>	BEDDING/BED. FEATURES <i>MASSIVE</i>		OUTCROP TYPE/SIZE <i>ROCK TOP</i>		

COMMENTS:

Badly fractured 60% \$5 / 40% SS

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
<i>-</i>							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>295/61</i>			
FOLDS	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS

COMMENTS:

Coal - intermittent & cherty/log

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8A/08

DATE <i>July 28/84</i>	GEOLOGIST <i>RB-G.F.</i>	OUTCROP <i>F84008A</i>	SLIDE/PHOTO
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MAP <i>93M13</i>	AERIAL PHOTO	SAMPLE(S) <i>N9</i>
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EASTING <i>580500</i>	NORTHING <i>6185320</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>SS</i>	<i>ap</i>	<i>im</i>	<i>008</i>				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
numerous siliceous fragments in sandstone bed 40cm thick (disarticulated)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
<i>-</i>							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
further along ridge to North

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>29</i>	<i>5/61</i>	

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84-05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 20/84	GEOLOGIST RB-GF	OUTCROP FB4009	ALIAS/PHOTO -
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MAP 93M/13	AERIAL PHOTO -	SAMPLE(S) Yes - COAL
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EASTING 580575	NORTHING 6185460	ELEVATION
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ROOF GEOLOGY

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	5YR 4/4	N ₃	5m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
PF	FRI:	-	THIN	RIDGE

COMMENTS:
 NEEDLE LIKE o/c contains carbonized wood imprints (petrified wood?)

FLOOR

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CRK MDST	5YR 3/4	5YR 2/1	3m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
EXTENSIVE SPINDLES			THIN	RIDGE

COMMENTS:
 less than 1mm thick

COAL

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
YIT.	5YR	2/1	0.2m	0.4m	VITRIN - RUSTY	AS ABOVE	

COMMENTS:
 VERY VERY WEATHERED

STRUCTURAL GEOLOGY

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

(2)

Rock is a mixture

of sst, mudst
sst has some organic
material and shells
of organisms in it
also has grains of
minerals looking
like also i/b mudst/sst
total decrease in pores

- environment is one
of fine shaly environment
with continental influence

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE July 20/84	GEOLOGIST R.B.G.F.	OUTCROP F84010	SLIDE/PHOTO 1 slide
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MAP 93 m/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 580700	NORTHING 6185815	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5YR 6/1	N4	2m	QTZ	M	SR	W

FOSSILS peluped	INDURATION H	ACCESSORY MIN./STAINING —	BEDDING/SED. FEATURES Med	OUTCROP TYPE/SIZE CLIFF FACE
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COMMENTS:
sandstone w. peluped supported laterally
continuous 2m thick beds (disarticulated)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	215/23°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
thickest peluped bed seen thus far

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE July 20/84	GEOLOGIST R.B. - G.F.	OUTCROP F84011	SLIDE/PHOTO
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S) NONE
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EASTING 580470	NORTHING 6186130	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 4/2	N4	~M	OTZ	M→FG	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
NONE	H	MINOR Pe	MED BEDS	HILLSIDE RESISTANT

COMMENTS:
v. mild Hcl reaction
9/25x3M

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
-							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	190/15		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 6405

DATE July 20/84	GEOLOGIST R.B. G.F.	OUTCROP F84012	SLIDE/PHOTO
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MAP 93M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 580165	NORTHING 6186320	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	10YR 5/4	NS	-	QTZ	A → FG SR		M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
NONE	H	MINOR P.	MASSIVE	HILLSIDE

COMMENTS:
BLK FRACTURE
MOST OF % IS FLOAT

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
-							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	180/3/?			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
↓

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2405

DATE JULY 20/07	GEOLOGIST R. B.-G.F.	OUTCROP F 84013	SLIDE/PHOTO
MAP 93 M/13	AERIAL PHOTO	SAMPLE(S) No	
EASTING 580020		NORTHING 6186465	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	5/8 3/4	N4	—	Q12	M-FINE	SR	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
—	H	—	TRILY BEDD			HALLS/BG ALMOST	

COMMENTS:
Shale imprint in some by o/c

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
—							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
—							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	125/58			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
SULY 20/84	R.B.-G.F.	F84014	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/13		NONE

EASTING	NORTHING	ELEVATION
580350	6186825	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 5/4	5Y 4/1	3M	qtz	VFG	?	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	MINOR Fe	NONE	HILL CREST

COMMENTS:
Badly weathered hill crest - mostly fractured into large 1/4 x 5 cm shales.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	130/52			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC'S TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE July 20/04	GEOLOGIST RB-GF	OUTCROP F84 015	SLIDE/PHOTO -
MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) No	
EASTING 580235		NORTHING 6187075	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 6/2	N4	1.5m	LITH- F		5a	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	THIN		HILLSIDE ALONG SPINGS		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	310/65			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7085 8405

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

DATE		GEOLOGIST		OUTCROP		SLIDE/PHOTO	
JUNE 7/84		J.S., P.P.		584001			
MAP		AERIAL PHOTO		SAMPLE(S)			
1032/15							
EASTING			NORTHING			ELEVATION	
509450			6073200				
GEOLOGY							
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
med sl.	10YR 7/4	N3	3m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	VVH.	Fe		- laminated (disc. l. over)		rockcut	
COMMENTS:							
- laminated or slightly wavy. induration in N4 color. (upper part of section of outcrop)							
MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
COMMENTS:							
- induration by up to 100% - 100% induration. induration in N4 color. induration of outcrop.							
COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			
COMMENTS:							
STRUCTURAL GEOLOGY							
				BEDDING NO. TAKEN		FAULTS	
				RANGE	MEAN	TYPE	ORIENT. DISP.
				334, 22E			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE			INTRUSIVE/VOLCANICS TYPE RELATION	
COMMENTS:							
794							

OUTCROP SKETCH (over)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 9/84	GEOLOGIST J.S., R.B.	OUTCROP 584002	SLIDE/PHOTO
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 509850	NORTHING 6079250	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sh	10Y 7/4	N3	6cm.	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	MH	Fe		- laminated w/ vt slst.		roadcut	

COMMENTS: + detrital muscovite.
- friable (brittle)
- bleaches along bedding planes

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	038, 35 SE			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE <i>JUNE 8/62</i>	GEOLOGIST <i>J.S.-R.B.</i>	OUTCROP <i>SB4002. A</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>509850</i>		NORTHING <i>6079600</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

*- name at SB4002 - mat at
Relatly max at laminated*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE		MEAN	TYPE	ORIENT. DISP.
	<i>034, 56°SE</i>				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE JUNE 9 1984	GEOLOGIST J.S / R.B.	OUTCROP 384002B	SLIDE/PHOTO
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MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 509850	NORTHING 6079900	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sh.							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: - name as 384002A.
-

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
volc. or ss. ??				sample taken			

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	020, 25° SE			
	034, 29° SE			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE <i>JUNE 9/84</i>	GEOLOGIST <i>J.S./R.B.</i>	OUTCROP <i>584002C</i>	SLIDE/PHOTO
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>509850</i>	NORTHING <i>6080200</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SH</i>			<i>30m</i>				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- same as before.
- find 584002B

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>020, 41 SE.</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 9/84	J.S. - R.B.	50400'S	

MAP	AERIAL PHOTO	SAMPLE(S)
103I-15		

EASTING	NORTHING	ELEVATION
502500	6090550	

GEOLOGY

MAJOR LITH.	COLOUR		THICK (whole etc)	COMP.	GRAIN SIZE	R	S
	W	F					
slst	10yr 6/2	N4	75m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	-laminae/1/15	roadcut

COMMENTS:
- the whole outcrop including slt about 75m.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	020, 85 SE.		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 9/84	GEOLOGIST J.S.-R.B.	OUTCROP 584203	SLIDE/PHOTO
MAP 103I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 502500		NORTHING 609050	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst.	dyr 6/2	NG	(white) 75m (qtz.)	lith	med. sand	SA	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
~					roadcut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	020, 85 SE.			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE <i>JUNE 9/84</i>	GEOLOGIST <i>J.S. - R.B.</i>	OUTCROP <i>384004</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>500200</i>		NORTHING <i>6091100</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>md st.</i>	<i>10YR 8/2</i>	<i>N2</i>	<i>2m</i>	<i>-</i>	<i>-</i>		<i>-</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>H</i>	<i>Fe</i>	<i>- some laminae at top of outcrop - v. thinly bedded</i>				

COMMENTS:
*- thinly bedded
 - in contact w/ volcanic*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>051, 54 SE.</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 11/84	GEOLOGIST J.S - V.T.	OUTCROP SB4005	SLIDE/PHOTO
MAP 103P/1	AERIAL PHOTO	SAMPLE(S) SB4005	
EASTING 558 425		NORTHING 6107 325	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SSC	10x5 18/2	N5	whole etc. 5m	lith	M.S	3A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	S-M	Fe				roadcut	

COMMENTS: - whole etc. interbedded ss with 17 m thick;
- smaller interbeds of sst (x 5cm) in sh.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	270°	360°		N	~ 1m.
	260', 25" W			neither side of fault	
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8A/05

DATE JUNE 11/84	GEOLOGIST J.S.-V.T.	OUTCROP SB4005	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S) SB4005 Coal	
EASTING 558 425		NORTHING 6107325	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
msdy sh.	10 yr 7/4	N ₂	whole etc. ≈ 5m	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
plant imprints	S-M	Fe		- laminations - carbonized plant imprints		roadcut	

COMMENTS:
 - within surface
 - am. wavy interbeds (1cm.)
 - garbling possible / variable

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS: sec above.

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 11/84	GEOLOGIST J.S. - V.T.	OUTCROP SB4006	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 550 550		NORTHING 6106 900	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	10% e/2	Ns	~4m (thin)				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
	M	Fe.		—		roadcut	

COMMENTS:
- same as SB4006 * etc. on creek.
- calcite veining

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst	10% e/2	Ns					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
plant frags	M.	Fe		lam. - silty		roadcut	

COMMENTS:
- sm. interbeds (25cm) - not corhy

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	248, 15° NW			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE <i>JUNE 11/84</i>	GEOLOGIST <i>J.S., V.T.</i>	OUTCROP <i>SB4007</i>	SLIDE/PHOTO
MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>552 400</i>	NORTHING <i>6104 825</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst.</i>	<i>10YR</i>	<i>N7</i>	<i>3m.</i>	<i>lth</i>	<i>MS</i>	<i>S.A.</i>	<i>Med</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
<i>-</i>	<i>M</i>	<i>Fe</i>		<i>-</i>		<i>roadcut</i>	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	<i>200, 8° N.W</i>				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7695 8408

DATE JUNE 11/84	GEOLOGIST J.S., V.T.	OUTCROP SB4008	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 551 700	NORTHING 610A 300	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst	5YF 8/1	N5	3m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-wood plant frags	M	Fe	-thin med slt laminations	roadcut

COMMENTS: - interbedded sh/slst (.5 m.)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	238, 224	238, 224	8° N.W.		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE <i>JUNE 11/84</i>	GEOLOGIST <i>J.S. V.T.</i>	OUTCROP <i>584008</i>	SLIDE/PHOTO
MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>551 700</i>	NORTHING <i>610A 300</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SH.</i>	<i>10yr</i> <i>B/2</i>	<i>N4</i>	<i>3m</i>	<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>
FOSSILS <i>- plant frags</i>	INDURATION <i>M</i>	ACCESSORY MIN./STAINING <i>Fe</i>	BEDDING/SED. FEATURES <i>- thin laminations</i>	OUTCROP TYPE/SIZE <i>fractured</i>			

COMMENTS:
- fissile + brittle
- abundant carbonized plant fragments

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7485 84/05

DATE JUNE 11/84	GEOLOGIST J.S., V.T	OUTCROP SB400B9	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 551 500		NORTHING 6104 360	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s1st			4m (total)				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
						random	

COMMENTS:

- same as before SB400B
- unbedded s1st/sh. (.5m - .25m)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230, 8° NW			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 M-03

DATE <i>JUNE 11/84</i>	GEOLOGIST <i>J.S., Y.T.</i>	OUTCROP <i>SB400B9</i>	SLIDE/PHOTO
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MAP <i>102 P/2</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>551 500</i>	NORTHING <i>6104 300</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SH.</i>	<i>10YR 8/2</i>	<i>N3</i>					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
<i>plant frags</i>	<i>M.</i>	<i>Fe</i>	<i>- thinly laminated</i>	<i>road cut</i>

COMMENTS:
- but darker
- very early.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7885 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>JUNE 11/84</i>	GEOLOGIST	OUTCROP <i>SB4009</i>	SLIDE/PHOTO
MAP <i>103 P/1</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>547 475</i>		NORTHING <i>6101 975</i>	
ELEVATION			

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>3st</i>	<i>5Y</i>	<i>N5</i>	<i>1.5m</i>	<i>lith vt</i>		<i>R</i>	<i>well</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>H</i>	<i>Fe</i>	<i>---</i>		<i>roadcut</i>		

COMMENTS:

- rather massive
- no bedding features

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 11 1964	GEOLOGIST J.S., V.T.	OUTCROP 5840109	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S) 5840109	
EASTING 595 525		NORTHING 6099 450	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	5y	N4	2m	lith	f.s	SR	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		roadcut		

COMMENTS:
 - 20cm. (see sample) very carb. sh. vitrain. in between
 - interbedded w/ mdst.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 11 1964	J.S., V.T.	SB4010a	
MAP	AERIAL PHOTO	SAMPLE(S)	
1037/1			
EASTING	NORTHING	ELEVATION	
545 525	6099 450		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
	H.	Fe.		laminations		readout	

COMMENTS:

same as SB4010.
- very thin slt laminations

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

7885 84/05

OUTCROP DESCRIPTION FORM

DATE JUNE 11/84	GEOLOGIST J.S., V.T.	OUTCROP 584011	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 542 900		NORTHING 6098 450	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
cgl.	5/10	N5		lith	pebble	A	poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe	—		roadcut		

COMMENTS:
 - massive
 - no good bedding surfaces

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7855 84/05

DATE JUNE 13/84	GEOLOGIST J.S.-V.T.	OUTCROP 58401Z	SLIDE/PHOTO
MAP 103I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 500 450	NORTHING 6091 475	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
met. 10yr 6/2		N2	30m.	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		roadcut		

COMMENTS: - concrete remaining
- massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7085 84/05

DATE JUNE 13/84	GEOLOGIST J.S., V.T.	OUTCROP 584013	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 500 100	NORTING 6096 450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10yr 6/2	N4					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	fr	-	rock out

COMMENTS: - massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 64-00

DATE JUNE 13/84	GEOLOGIST J.S., V.T.	OUTCROP 584014	SLIDE/PHOTO
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MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 501 550	NORTHING 6100 325	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst	10yr 7/4	N3		—	—	—	
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	H	Fe		—		roadcut	

COMMENTS: - uncalculated

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	025, 30°E		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	
			volc. +	

COMMENTS: intrusives

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 13/84	GEOLOGIST J.S., V.T.	OUTCROP 384014g	SLIDE/PHOTO
MAP 103P/2	AERIAL PHOTO	SAMPLE(S)	
EASTING 502 100		NORTHING 6101 750	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
rd st.							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: - name as 384014.
* basically driving along strike

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE JUNE 13/84	GEOLOGIST J.S. - V.T.	OUTCROP 384015	SLIDE/PHOTO
MAP 103P/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 494 750	NORTHING 6118 250.	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst sh	10yr 7/4	N3	7m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	- sst laminations		rockcut		

COMMENTS: *- sst. laminations in the mudst. (5m scale)*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10yr 8/2	N5	.5m	lith	v.f.	s	w
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	- sh laminations		rockcut		

COMMENTS: *- interbedded with mudstone*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	030, 39° E		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7605 84-05

DATE JUNE 15	GEOLOGIST J.S., V.T.	OUTCROP 584017	SLIDE/PHOTO
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MAP 103P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 502050	NORTHING 6100850	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
md SL	10YR 7/4	N2					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	H	Fe		roadcut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC'S TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8A/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 15/84	J.S. - V.T.	584018	
MAP	AERIAL PHOTO	SAMPLE(S)	
103 P/2			
EASTING	NORTHING	ELEVATION	
502550	6100850		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
msst	5/6	N3	30M				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	H	FC			roadcut		

COMMENTS:

- massive - lean only use
 + etc on other side of creek (no bridge) cleavage planes

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	009, 76° E		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 AA/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 15/84	J.S. - V.T.	584019	

MAP	AERIAL PHOTO	SAMPLE(S)
1037/2		

EASTING	NORTHING	ELEVATION
502100	6104350	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Mdst	10yr 8/6	N3	50m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	H	Fe				rock out	

COMMENTS:
- unmineral

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	020°, 40° E.			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7485 M/05

DATE JUNE 15/84	GEOLOGIST J.B.-V.T.	OUTCROP SB402D	SLIDE/PHOTO
MAP 108P/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 497700	NORTHING 6113300	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ssst	10yr 7/4	N5	—	lith	med. sand.	SR.	Med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe.	—		rock cut		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE
INTRUSIVE/VOLCANICS TYPE RELATION			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE JUNE 15 1964	GEOLOGIST J.S. - V.T.	OUTCROP SB4021	SLIDE/PHOTO
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MAP 103P/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 497800	NORTHING 6112350	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MdSt.	10YR 7/4	N2	—	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	H	Fe		—		rock out	

COMMENTS:

- massive, can only see cleavage planes

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84-03

DATE <i>JUNE 15/84</i>	GEOLOGIST <i>J.S. - V.T.</i>	OUTCROP <i>SB4022</i>	SLIDE/PHOTO
MAP <i>103 P/B</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>497900</i>		NORTHING <i>6112050</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Sst</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SEQ. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:
- name calc SB4020
- include summary

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SEQ. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7855 84/05

DATE JUNE 17/84		GEOLOGIST J.S. R.B.		OUTCROP 584023		SLIDE/PHOTO	
MAP 103 I/15		AERIAL PHOTO		SAMPLE(S)			
EASTING 613300			NORTHING 6084200			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S15E	10yr 8/2		N4	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	H	Fe		-		rock out	
COMMENTS: -							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SH	10yr 8/2		N2	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-plant imprints	S	Fe		-		rock out	
COMMENTS: - very thin bedded (fossils) - lg. clay component							
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS		
	RANGE		MEAN		TYPE	ORIENT.	DISP.
	155 / 38°						
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS:							

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE <i>JUNE 17/84</i>	GEOLOGIST <i>J.S. - R.B.</i>	OUTCROP <i>604023a</i>	SLIDE/PHOTO
MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S) <i>584023a</i>	
EASTING <i>513550</i>	NORTHING <i>6084150</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>slt</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

- same as 584023

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>carb sh.</i>	<i>N2</i>	<i>N2</i>	<i>10-15 cm</i>	<i>carb</i>			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>Yes</i>	<i>-H</i>	<i>Fe</i>	<i>thinly bedded</i>		<i>roadcut</i>		

COMMENTS:

- thin vitrain stringers with Fe staining.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-02

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 17/84	J.S. - R.B.	SB4024	
MAP	AERIAL PHOTO	SAMPLE(S)	
103I/15			
EASTING	NORTHING	ELEVATION	
510500	6089800		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SST	10Y 5/4	N6		lith	vt g	S.R.	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe.	-		radent		

COMMENTS: ~ baked by intrusive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM *ccc*

7585 84/05

DATE JUNE 19/84	GEOLOGIST J.S., R.B.	OUTCROP 584025	SLIDE/PHOTO
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MAP 93 M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 585300	NORTHING 6118950	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	10yr 6/2	Ns	whole etc. 25m.	lith	f. sand	S.A	Med.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	H	Fc	—	rockcut

COMMENTS:
- intruded by intrusion

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	245/52°			
	055/32°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
Bowler

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 19/84	J.S. - R.B.	SB4025	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M/4			
EASTING	NORTHING	ELEVATION	
50			

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst	10y5 7/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		modest		

COMMENTS:

- massive
- no sharp contact with intrusives

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

B41542

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 19/84	J.S. - R.B.	584025a	

MAP	AERIAL PHOTO	SAMPLE(S)
93 N/4		

EASTING	NORTHING	ELEVATION
584500	6118050	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
bst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	= graded bedding	roadcut

COMMENTS: - the same as 584025 but shows interbedded bst (mdst litem) graded bedding.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: - same as 584025

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	254	38°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: 30m x 2m

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7665 84/05

DATE <i>JUNE 19/89</i>	GEOLOGIST <i>J.S. - R.B.</i>	OUTCROP <i>SB4025b</i>	SLIDE/PHOTO
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MAP <i>93M/4</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>584050</i>	NORTHING <i>6117700</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst</i>							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- basically the same as SB4025a both sst + mdst.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>mdst</i>							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>195/52°</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
low sst

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84.05

DATE JUNE 19/84	GEOLOGIST J.S., R.B.	OUTCROP 584025C	SLIDE/PHOTO
MAP 93 M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 583700	NORTHING 6117450	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

- same as previous station
584025b.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	215 / 58°		
TYPE	FOLDS TREND	FOLDS PLUNGE	JOINTS/CLEAVAGE
		212 / 49°	
			INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7895 8A/05

DATE JUNE 17/84	GEOLOGIST J.S. - R.O.	OUTCROP 584026	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 58 3400	NORTHING 6118 350	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10Y 5/4	N6		lth	C.S	A	Med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SEQ. FEATURES		OUTCROP TYPE/SIZE		
-	H	Fe	—————		roadcut.		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10Y 5/4	N5		—————	—————	—————	—————
egl	10Y 5/4	5GY 4/1		lth	pebble	SR	Med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SEQ. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe	—————		roadcut.		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230	52'		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Rough

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/08

DATE JUNE 19/84	GEOLOGIST J.B./R.B	OUTCROP 584027	SLIDE/PHOTO
MAP 93M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 583000		NORTHING 6117150	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 7/4	N4		lth	med.	5R	Mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		rock out		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdot	10YR 7/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		rock out		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	025	vertical		
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowen

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 19/84	J.S./R.B.	584028	R1-25

MAP	AERIAL PHOTO	SAMPLE(S)
93M/4		584028

EASTING	NORTHING	ELEVATION
577350	6107200	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SSS	10YR	N6	7m.	lith	f.g.	SR	Well
	7/4						

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
belemnites iron nodules	S	Fe		roadcut

COMMENTS: - lots of Fe staining + Fe nodules
 - quite deformed.
 - int. intervals with intervals of interbedded sst + sh.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SH	10YR	N4					
	7/4						

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
belemnites	S	Fe		road cut

COMMENTS: - friable - interbedded with sst on a scale of 5cm.

COAL LITH.	COLOUR		THICKNESS	COAL DESCRIPTION	ROOF	FLOOR
carb			5cm		SSS	sh

COMMENTS: see sample.
 - roof + floor described above.

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	270/85		
	325/42		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: - Unit of a syncline Skeena

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 19/84	GEOLOGIST J.S. / R.B.	OUTCROP 584028a	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 575350	NORTHING 6105500	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
stc	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
	S			

COMMENTS:
- same as 584028

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sh	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
	S			

COMMENTS:
- same as 584028

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
coal	W	F	COAL	INTERVAL			
			2-3 cm.				

COMMENTS:
- same as 584028

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	95 / 5		
	035 / 40°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
sketch

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 19/84	J.S. - R.B.	SB4029	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/4		

EASTING	NORTHING	ELEVATION
572250	6104400	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	10y 2/10	N3	3m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	S.	Fe		rock ut			

COMMENTS: Very similar to silic. L. property slst.
- very fissile

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	308/19'		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION

COMMENTS: Steeply dipping

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 19/84	GEOLOGIST J.S. - R.B.	OUTCROP 584030	SLIDE/PHOTO
MAP 93M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 56835	NORTHING 6105500	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10 yr sly	N5	whole etc. 30m.	lth	f.g.	S.R	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
	M	Fe		laminations		rockcut	

COMMENTS:
- internal structure - i.e.
scale discontinuous silt. lamination

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst		N5	N4				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
plant root frags	M	Fe		- sst laminations		rockcut	

COMMENTS:
- abundant plant frags.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			MEAN	FAULTS	
	RANGE	DOWN	UP		TYPE	ORIENT. DISP.
	65	35	100m			
	235		32°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
EJW

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8408

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 19/84	J.S. - R.B.	5840309	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/4		

EASTING	NORTHING	ELEVATION
566800	6105450	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 6/2	N6		lith.	med.		Poor

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	H	Fe	—	roadcut

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst	5R 4/2	N6		lith	fine	S.A.	Poor

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	H	Fe	—	roadcut

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	050/56°			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				V.

COMMENTS:

-60m

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 B4/05

DATE JUNE 19/84	GEOLOGIST J.S. - R.B.	OUTCROP SB4031	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 578 450	NORTHING 1118000	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10% 1/4	N5		1.7h	Coarse	1/2	Per
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
—	S	Fe	—			rockul	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sh.	10% 1/4	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
plant	S	Fe	—			rockul	

COMMENTS:

- fusule friable
& in situ carbon due to carbonized plant remains

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	235 / 36°			

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

sketch

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 2A/02

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 21/87	J.S./R.B	584032	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/4		

EASTING	NORTHING	ELEVATION
582100	6099300	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
55t	10yr 10/2	Ns	---	Volcanic	Coarse	SR	P ₂

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
---	H		---	roadcut

COMMENTS:
- massive calc. veinlets
(dark)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
cgl.	10yr 10/4	No	---	volcanic	Boulder	SR	P ₂

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
---	H		---	roadcut

COMMENTS:
- lgn. volcanic shales
transitioning from subbleached to
shaded shales with coarse sand matrix

COAL LITH.	COLOUR		THICKNESS	COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL					

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	265/45°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				olivine rich volcanics

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

742

7885 84/08

DATE JUNE 21/84	GEOLOGIST J.S. - R.B.	OUTCROP 584033	SLIDE/PHOTO
MAP 93 M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 581800	NORTHING 6095900	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10yr 2/2	5yr 2/1	---	---	---		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe		- very thin lamination		roadcut	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS		
	RANGE	MEAN	TYPE	ORIENT. DISP.	
	170	30°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 21st/04	J.S. - R.B.	584034	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M.14			
EASTING	NORTHING	ELEVATION	
581250	6095750		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10Y/4	N6		lith	med. sand	3R.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	-		roadcut		

COMMENTS:

- calcite cementing

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	5Y 7/2	5Y					
	10R 5/4	4/1					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- concretions		roadcut		

COMMENTS:

- blocky + friable

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	275/58°		
	280/85°		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 M/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 21 1984	J.S. - R.B.	SB4035	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 L/13		SB4035	
EASTING	NORTHING	ELEVATION	
583050	6093150		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst	10YR 7/4	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
- wood	M	Fe			rock out		

COMMENTS:

- stringers of carbonized wood fragments

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	120/48		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

Sketch
7685 6405

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 21/84	J.S. - R.B.	584036	
MAP	AERIAL PHOTO	SAMPLE(S)	
93L/13			
EASTING	NORTHING	ELEVATION	
585500	6090150		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	5y/4/1	5y/4/1		volcanic g.		SR	ma
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
wood frags	M	Fe	---		matrix		

COMMENTS: - carbonized wood frags
- volcanically derived

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	110 / 70°			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

5keena
7885 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUNE 21/84	GEOLOGIST J.S., R.B.	OUTCROP 584037	SLIDE/PHOTO
MAP 93M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 581050		NORTHING 6101200	ELEVATION

GEOLOGY							
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10Y 6/2	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M	Fe	concretions		road cut		

COMMENTS:
- brittle, calcite veining

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	not possible			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/85

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE JUNE 24/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4038	SITE PHOTO (1)
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MAP 93M/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 601150	NORTHING 6116450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
slt.	5 ^y / ₂	N ₃	1m.	---	---		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
---	H			roadcut

COMMENTS:
- fairly massive -

~~MAJOR~~
LITH.

MAJOR LITH.	COLOUR W	COLOUR F	THICK	COMP.	GRAIN SIZE	R	S
slt.	10 ^y / ₂	N ₆	1m	lith	med	S.R.	mod.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
---	H		- thin banding	roadcut

COMMENTS:

COAL LITH.	COLOUR W	COLOUR F	THICKNESS COAL	THICKNESS INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS
	RANGE	MEAN	TYPE ORIENT. DISP.
	105/26.		

TYPE	FOLDS TREND	FOLDS PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		125/30		

COMMENTS:

OUTCROP SKETCH (OVER)

- leaning upward
sequence

(2)

Water station

faulted (boom)

pebble cgl. 70/100

35T (finegrained)

105/80 cgl

fine c. 35T

Volc. cgl

Volc. cgl

Volc. cgl

40

31st

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

35T

14.4 km

← S.E. →

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

①

7885 8405		GEOLOGIST		OUTCROP	GRID/PHOTO
DATE		JUNE 24/84		J.S. - I.P.	584038
MAP		AERIAL PHOTO		SAMPLE(S)	
93M/3					
EASTING		NORTHING		ELEVATION	
601150		6116450			

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
cgl	5Y8/4	N4	2m	lith	pebbles	R	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H.		x-bedding		rockcut		

COMMENTS: shaly siltstone ranging from 2 mm to 1 cm in a med. grain sand matrix

N43E

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
cgl	5Y7/2	N4	3m	lith	pebbles 3/16"	A	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H.		uncons		rockcut		

COMMENTS: very poorly sorted - clay of sh + silt. ranging from .5 cm to 3.0 cm, (more like a breccia) in a coarse matrix

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	100/24°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		190/86°	

COMMENTS:

OUTCROP SKETCH (OVER)

← SE

whole etc. 0 km. - the whole underap volume to
 var. var. or a structural variation
 - a lot of delay in volume

②

public like
 calcareous q/l
 100/300 thin band
 very coarse
 coarsest
 very coarse
 coarsest
 calcareous q/l
 calc - 1/15 coarsest
 direct visible q/l
 calc.
 halber q/l
 5/15

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7605 24/05

DATE JUNE 24/84	GEOLOGIST JS - I.P.	OUTCROP SB4038	SLIDE/PHOTO
MAP 93 M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 1601150		NORTHING 6116450	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
cg1	5y 8/4	Nu		1th	pebble	A.	F
FOSSILE	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	H.		-			roadcut	

COMMENTS:
- is granitic with pebbles
cg1 in a fine grained mat.

MAJOR

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ss1	10yr 8/2	N7		1th	fine	SR	well
FOSSILE	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	H		-			roadcut	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	70/16°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: -

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 24/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4038	SLIDE/PHOTO
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MAP 93M/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 601150	NORTHING 6116450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 6/2	N4	--	lith.	very coarse	S.R.	Poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M	Fe	—		roadcut		

COMMENTS:

-

MAJOR

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10YR 6/2	N2		calc. lith	very coarse	S.R.	Poor
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M-S	Fe			roadcut		

COMMENTS:

- very similar to above but more calcareous cement

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	100/30°		

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/08

DATE JUNE 24/84	GEOLOGIST J.S. - I.P.	OUTCROP 584038	SLIDE/PHOTO
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MAP 93M/3	AERIAL PHOTO	SAMPLE(S)
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EASTING 601150	NORTHING 6116450	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
agl	10YR 8/2	N7	2m.	-calcareous -lith	pebble	S.A.	poor

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	S.	Fe	—	rockcut

COMMENTS: - poorly consolidated - a lot of calcite cement } pyrite
- coarse sand matrix } mineralization

MAJOR

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 8/2	N6		lith	coarse	S.R.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	H	Fe	—	rockcut

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM** ①

7885 84/09

DATE JUNE 24/84	GEOLOGIST J.S. - I.P.	OUTCROP 584038	SLIDE/PHOTO
MAP 93M/3	AERIAL PHOTO	SAMPLE(S)	
EASTING 601150	NORTHING 6116450	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
cgl	5 YB/4	N5		lith	pbble	A	P.
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	M	FC		—		rock out	

COMMENTS: - similar to the shoulder
vege except only has pebble size
cherts.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

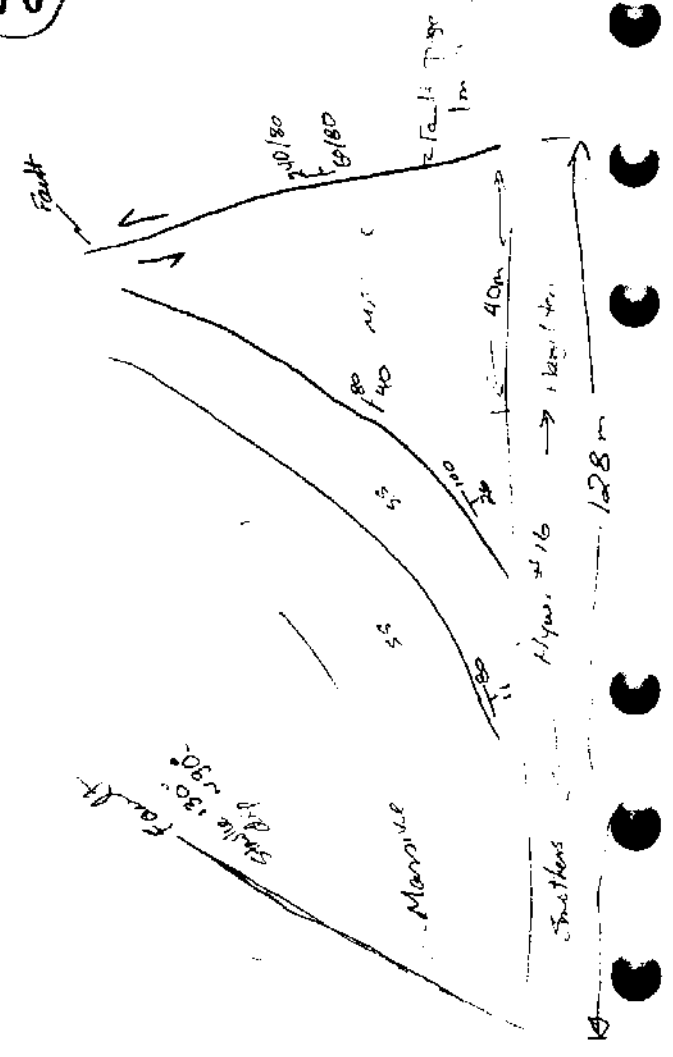
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

(2)



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8a-06

DATE <i>JUNE 24/84</i>	GEOLOGIST <i>J.S. - I.P.</i>	OUTCROP <i>SB40389</i>	SLIDE/PHOTO
MAP <i>93M/3</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>602750</i>	NORTHING <i>6115550</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>red sst.</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:
*- mainly volcanics with
sst + minor sst.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst</i>	<i>Sy^{7/2}</i>	<i>N₃</i>					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
	<i>H</i>	<i>Fe</i>		<i>rockcut</i>			

COMMENTS:
- massive

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 21/84	GEOLOGIST J.S. - I.P.	OUTCROP 584039	SLICE/PHOTO
MAP 93M/B	AERIAL PHOTO	SAMPLE(S)	
EASTING 608600	NORTHING 6099050	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
55t	10Y	N5		lith	med. sand	S.R.	med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
				- banding		readout	

COMMENTS: - locally massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 24/84	J.S. - I.P.	584040	
MAP	AERIAL PHOTO	SAMPLE(S)	
93H/3			
EASTING	NORTHING	ELEVATION	
608 700	6100 200		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1ST	10YR 6/2	N6	—				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	—		roadcut		

COMMENTS:

- calcite veining
- massive + blocky

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE JUNE 24/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4041	SLIDE/PHOTO
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MAP 93M13	AERIAL PHOTO	SAMPLE(S)
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EASTING 600750	NORTHING 6101550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ssL	10% blue	No		lith	med	s.e.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	-	roadcut

COMMENTS:
- in contact with
qtzite

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Qtzite?							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8403

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 24/84	J.S. - I.P.	584042	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/3		

EASTING	NORTHING	ELEVATION
610850	6106750	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst.	5y8/4	N5	-	lith	med sand	SR	med.

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	4	Fe	—	rocklet

COMMENTS:
 - pyrite
 - unmine

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	172/20°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04-05

DATE <i>JUNE 28/84</i>	GEOLOGIST <i>J.S. - V.T.</i>	OUTCROP <i>584243</i>	SLIDE/PHOTO
MAP <i>93M/5</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>564600</i>	NORTHING <i>6140050</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	B
<i>sst</i>	<i>04/4 N4</i>			<i>lth.</i>	<i>fg</i>		<i>SR.M.</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>H</i>		<i>sst lamination</i>		<i>ridge</i>		

COMMENTS:

- interbedded w/ sst

MARK

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	B
<i>sst</i>	<i>N3</i>	<i>N2</i>					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>-</i>	<i>H</i>		<i>sst lamination</i>		<i>ridge</i>		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>358 / horizontal</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 28	GEOLOGIST J.S. V.T.	OUTCROP 584044	SLIDE/PHOTO
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MAP 93M/5	AERIAL PHOTO	SAMPLE(S)
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EASTING 564350	NORTHING 6139925	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ssst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
			- x-bedds - sst laminations	ridge

COMMENTS:
- name at 584043

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ssst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
				ridge

COMMENTS:
- name at 584043

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	110	55		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE JUNE 28	GEOLOGIST J.S. - V.T.	OUTCROP 584045	SLIDE/PHOTO
MAP 93H/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 563900		NORTHING 6139875	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
					ridge		

COMMENTS:
 - same as 584044
 - interbedded massive sst + slst
 - also beds of thinly bedded sst/slst on dip. scale.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
					ridge		

COMMENTS:
 - same as 584044

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	205/17°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7555 22/03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 28/84	J.S.-V.T.	SB4046	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/5		

EASTING	NORTHING	ELEVATION
593400	6139750	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	.COMP.	GRAIN SIZE	R	S
	W	F					
st							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
				ridge

COMMENTS:
- same as SB4045

MINOR LITH.	COLOUR		THICK	.COMP.	GRAIN SIZE	R	S
	W	F					
st							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
				ridge

COMMENTS:
- same as SB4045

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	not possible		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 24-05

DATE <i>JULY 13/84</i>		GEOLOGIST <i>J.S. - V.T.</i>		OUTCROP <i>38404B</i>		SLIDE/PHOTO	
MAP <i>93M/S</i>		AERIAL PHOTO		SAMPLE(S)			
EASTING <i>588500</i>			NORTHING <i>6140750</i>			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>s1st</i>	<i>10Y5/14 N4</i>		<i>3m</i>				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>✓</i>	<i>M</i>	<i>Fe</i>	<i>mdst. laminations</i>		<i>roadcut</i>		
COMMENTS:							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>mdst.</i>	<i>10Y5/14 N3</i>						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>—</i>	<i>M</i>	<i>Fe</i>	<i>s1st laminations</i>		<i>roadcut</i>		
COMMENTS:							
COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS			
	RANGE		MEAN	TYPE ORIENT. DISP.			
	<i>188/32</i>						
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS:							

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE JULY 1/84	GEOLOGIST J.S. - V.T.	OUTCROP SB4019	SLIDE/PHOTO
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MAP 93M/S	AERIAL PHOTO	SAMPLE(S)
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EASTING 588600	NORTHING 6142500	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
3st.	5 ¹ / ₄	N ₆	2m	lith	fg.	S.R.	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	very hard	Fe	- thinly laminated		rockcut		

COMMENTS:
- whole etc. laminated 3st /mdst

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst.	5 ¹ / ₄	N ₃					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	very hard	Fe	- thinly laminated		rockcut		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7605 84-05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 1/84	J.S.-Y.T	584050	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/S		

EASTING	NORTHING	ELEVATION
588950	6144300	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst	5YR 4/4	N3	3m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	- thin slst laminations		roadcut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	5YR 4/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	- occur as thin laminations in msst		roadcut		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	160/50°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 1/84	J.S.-V.T.	SB4051	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/5		

EASTING	NORTHING	ELEVATION
589000	6144750	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1st	10YR 8/2	N4	2m	---			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
---	very hard	Fe	- massive		roadcut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	196/40°			

STRUCTURAL GEOLOGY TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM									
7685 84/05									
DATE		GEOLOGIST			OUTCROP		SLIDE/PHOTO		
JULY 1/84		J.S. -V.T.			584052				
MAP		AERIAL PHOTO			SAMPLE(S)				
93M/5					584052				
EASTING				NORTHING			ELEVATION		
588400				6146100					
GEOLOGY									
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S		
slst	10yr 8/2	N/4	10m	---					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			
-	M	Fe.		---		rock id			
COMMENTS: - massive									
MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			

COMMENTS:									
COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR		
graphitic mudstone			10cm			3st	slst.		
COMMENTS: - slickensided - shear surface									
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS				
	RANGE		MEAN		TYPE ORIENT. DISP.				
		260/65°							
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE			INTRUSIVE/VOLCANICS TYPE RELATION			
COMMENTS:									

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 24/05

DATE JULY 1/84	GEOLOGIST J.S.-V.T	OUTCROP SB4052	SLIDE/PHOTO
MAP 93M15	AERIAL PHOTO	SAMPLE(S) SB4052	
EASTING 588400	NORTHING 6146100	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	10yr 8/2	No	whole 10m.	lith	fg	S.R.	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	H	Fe	-			rockcut	

COMMENTS:

- quartz veins
- massive

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 64-05

DATE JULY 1/84	GEOLOGIST J.S.-V.T.	OUTCROP 584053	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 585850	NORTHING 6150900	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	5YR 6/4	N7	5m.	lith	f.g.	s.e.	Por
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	very hard	Fe	massive		roadcut		

COMMENTS:

- gtz veining
- very weathered

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	160/60°			
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

794

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-08

DATE <i>JULY 1/84</i>	GEOLOGIST <i>J.S. - V.T.</i>	OUTCROP <i>384054</i>	SLIDE/PHOTO
MAP <i>93M/12</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>580150</i>	NORTHING <i>6161500</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>sst</i>	<i>10Y/2</i>	<i>5Y/2</i>	<i>7m</i>	<i>lith</i>	<i>med</i>	<i>S.A.</i>	<i>Por</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
<i>—</i>	<i>M</i>	<i>Fc</i>	<i>—</i>		<i>roadcut</i>		

COMMENTS: *- some log imprints - not really carby*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>sst</i>	<i>10Y</i>	<i>N4</i>					
<i>mdst</i>	<i>4/2</i>	<i>N3</i>					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	<i>m</i>	<i>Fc</i>	<i>thinly laminated</i>				
	<i>m</i>	<i>Fc</i>	<i>sst/mdst - discontinuous (8 cm - beds)</i>				

COMMENTS: *- sst/mdst interbedded with sst*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>185 / 87°</i>		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 64/05

DATE JULY 1/84	GEOLOGIST J.S.-V.T	OUTCROP 58405.5	SLIDE/PHOTO
MAP 93M/12.	AERIAL PHOTO	SAMPLE(S)	
EASTING 578050	NORTHING 6164650	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sslt			2m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
plant?	H.	Fe		thin laminations of mudst	roadcut		

COMMENTS:
- same as 584055
or am bands of mudst

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mudst	10yr 7/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
	H	Fe			roadcut		

COMMENTS:
- occur as wisps in sslt or in bands ~1cm

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	340/65°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/1/06

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 1/84	J.S. - V.T.	584056	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/12.		

EASTING	NORTHING	ELEVATION
580100	6170650	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S15Z	10Y ⁵ 7/4	N4	---	---	---		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
---	H	Fe	- mdsE laminations		roadcut		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdsE	10Y ⁵ 7/2	N3	---	---	---		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
---	H	Fe	- occur as laminations		road		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	165/40°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY	J.S. - RB	384057	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/1		

EASTING	NORTHING	ELEVATION
561400	6098950	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	N4	N5		lith	Med	S.R.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	-		ridge		

COMMENTS:
- interbedded w/ mdst.

MAJOR

LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10yr 7/4	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	VERY Fe stained			ridge		

COMMENTS:
- concave cleavage planes
- brittle

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	245/37		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE July 3/84	GEOLOGIST J.S. RB.	OUTCROP 58405B	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 561700		NORTHING 6098650	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
3st	5Y 5/1a	5Y 6/1		lith	fine		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
—	H	Fe	—			ridge	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	253/41°			
TYPE	TREND	DIP	INTRUSIVE/VOLCANICS TYPE RELATION	
	(for N. S. FOLDS) 265/42°		intrusives	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7665 84/08

DATE JULY 3/84	GEOLOGIST J.S. - R.B.	OUTCROP 584059	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561750	NORTHING 6098400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
ssT	10Y/4	N4		lith	med	S.R.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	M	Fe	- massive	ridge

COMMENTS: interbedded w/ sh ≈ 2 m beds.

major

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sh	10Y/6	N2					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fe		ridge

COMMENTS: - very fissile + brittle

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	245/43		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 5405

DATE July 3/84	GEOLOGIST J.S.-R.B.	OUTCROP 584060	SLIDE/PHOTO
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MAP 1037/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 561850	NORTHING 6098250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst	10yr G16	N2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	Fe	-----		ridge		

COMMENTS: - blocky w/ iron nodules.

ngpr

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: - same as 584059.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	290/73°			
	275/49° (at top of ridge)			
FOLDS TREND	FOLDS PLUNGE	JOINTS/CLEAVAGE	INTENSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 3/84	J.S.-R.B	584061	
MAP	AERIAL PHOTO	SAMPLE(S)	
103 P/1			
EASTING	NORTHING	ELEVATION	
562000	6097950		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
slst	5YR	N4	—	—	—		
	5Y6						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	H	fc	thinly laminated		ridge		

COMMENTS:

interbedded w/ mdst

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst.							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

same as 584061

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	250/58°	253/45°	
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
	down in the saddle		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 54/03

DATE July 3/84	GEOLOGIST J.S. - R.B.	OUTCROP 584062	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 562500	NORTHING 6098000	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	5/14	Ns	-	lithic	fine	s.R.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	H	Fe	—	ridge

COMMENTS: - interbedded w/ sst + mdst

MAJOR

LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst + mdst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: - same as 584061

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	a) 85/33° b) 263/54°	} limbs	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JULY 3/84	GEOLOGIST J.S.-R.B	OUTCROP 584063	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 562650	NORTHING 6098200	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
ssst				lith	fine	S.R.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe	-ripples	ridge

COMMENTS:
- same description as 584062 except for ripples.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	108/52			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				sm intrusion

COMMENTS:
from last station walked over needle like sh + a syncline

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 54/03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 3/84	J.S. - R.B.	584064	

MAP	AERIAL PHOTO	SAMPLE(S)
103P/1		

EASTING	NORTHING	ELEVATION
562500	6097350	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST.	10YR 6/2	N7		lith	fine	S.R.	med

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fe	none	ridge

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	340/59°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE July 3/84	GEOLOGIST J.S.-R.B	OUTCROP SB4065	SLIDE/PHOTO
MAP 103P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 563100	NORTHING 6097000	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
bst	NB	N ₆		lith	med	SR	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
—	M	Fe	—			ridge	

COMMENTS: -massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	63/74°			
	no bedding			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		
				sm intrusive

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/03

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 3/84	GEOLOGIST J.S. - R.B.	OUTCROP SB4065a	SLIDE/PHOTO
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MAP 93M/4	AERIAL PHOTO	SAMPLE(S)
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EASTING 564000	NORTHING 6097650	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
3st							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

same as SB4065

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		MEAN	FAULTS	
	RANGE	DISP.		TYPE	ORIENT. DISP.
	270°	25°			
	265°	28°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

walked over needle like
mdst

OUTCROP SKETCH (OVER)

7885 5405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 3/84	GEOLOGIST J.S. - R.B.	OUTCROP SB4066	SLIDE/PHOTO
MAP 93 M/4	AERIAL PHOTO	SAMPLE(S)	
EASTING 564450	NORTHING 6097800	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	10YR 7/4	N5					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
- shell imprint	M	FC	mdst laminations		ridge		

COMMENTS:

- inter-laminated slst /mdst
- gastropod shell?

MAJOR

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst		N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
- shell	M	FC	slst lamination.		ridge		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	310	58			
FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>JULY 3/84</i>	GEOLOGIST <i>J.S. - R.B.</i>	OUTCROP <i>584067</i>	SLIDE/PHOTO
MAP <i>93M/4</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>564800</i>		NORTHING <i>6096850</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>Sst</i>	<i>0.5</i>	<i>5.1</i>	-	<i>lith</i>	<i>med</i>	<i>S.R.</i>	<i>mod</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>S-M</i>	<i>Fe</i>	<i>massive</i>		<i>ridge</i>		

COMMENTS:

interbedded w/ mdst.

Major

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>mdst.</i>	<i>10YR</i>	<i>N4</i>					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	<i>M</i>	<i>Fe</i>			<i>ridge</i>		

COMMENTS:

- very brittle

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>40/40°</i>			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE JULY 6/84	GEOLOGIST J.S.-A.P.	OUTCROP 58406B	SLIDE/PHOTO
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MAP 93L/14	AERIAL PHOTO	SAMPLE(S)
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EASTING 515450	NORTHING 6086250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst.	5Y/4	N4	6m.	lith	med	S.R	mod.
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe		-		stream	

COMMENTS:

HAJDR

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s1st	5Y/2	N4	5m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M	Fe		-		stream	

COMMENTS:

-very brittle + friable

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	80/70°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 16/84	T.S.-A.P.	584069	

MAP	AERIAL PHOTO	SAMPLE(S)
92 L/14		

EASTING	NORTHING	ELEVATION
615500	6086350	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS Fst			30m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
						Stream	

COMMENTS:
- across creek.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	270-280	65°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84/05

DATE JULY 6/84	GEOLOGIST J.S. - Ai	OUTCROP 584070	SLIDE/PHOTO
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MAP 934/14	AERIAL PHOTO	SAMPLE(S)
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EASTING 616000	NORTHING 6086550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	5/4	N5		1/4	8-9	A	med

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	MH		sst laminations	stream

COMMENTS:
- interbedded sst/sst on other side of creek

MAJOR

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	5/4	N5	6m				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M-H		sst laminations	stream

COMMENTS:
- fissile. (fragmented weathering)

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:
?

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	330/51°	315/58°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 SAOS

DATE JULY 6/84	GEOLOGIST J. A. F.	OUTCROP SB-71	SLIDE/PHOTO
MAP 93 L/14	AERIAL PHOTO	SAMPLE(S)	
EASTING 616200	NORTHING 606600	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sample 5R 10 gy 5/2		4/2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M				stream		

COMMENTS: - repetition of cycles
- yellow
- weathering - friable

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC RELATION	
				TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 M/C8

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 17/84	J.S. F.P.	SB4072	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/11		

EASTING	NORTHING	ELEVATION
543375	6114750	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	10YR 6/6	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe	-massive		ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	285/34°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JULY 17/84	GEOLOGIST J.S. - I.P.	OUTCROP 584003	SLIDE/PHOTO
MAP 103P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 542875		NORTHING 6115075	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
W	F						
SSL	10yr 7/4	N5		lith v.f.g.		S.R.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
corby plant fragments	M	Fe	thinly bedded (laminated) ridge with mdst				

COMMENTS: - quartz veins

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
W	F						
SSL	10yr 7/4	N5		lith	coarse	S.A.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe			ridge		

COMMENTS: - sm intervals interbedded with above

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	220	155°		

FOLDS TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7685 24/03

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 17/84	GEOLOGIST J.S. - I.P.	OUTCROP 5840 7 4	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 542625	NORTHING 6115225	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst					v.f.g.		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M		- laminated with mst	ridge

COMMENTS:

- same as 584002

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mst	10 ⁴ /5/4	N3					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fc	laminated with sst	ridge

COMMENTS:

- also massive further along rd 10m with platy cleavage but not brittle or fissile

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	240/60		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7595 84/03

DATE July 17/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4025	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 542525	NORTHING 6115250	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
mdst	10Y 5/4	N3					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
Plant fragments	M	Fe	thinly bedded with fine stl laminations	ridge

COMMENTS: - brittle + needle like weathering.
- lots of calcite veining

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
31st	10Y 5/4	N4					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fe	- occur as thin laminations in mdst	ridge

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	285/20°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>JULY 17, 84</i>	GEOLOGIST <i>J.S. - I.P.</i>	OUTCROP <i>5840076</i>	SLIDE/PHOTO
MAP <i>126 P. 11</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>542380</i>	NORTHING <i>6115350</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>sst</i>	<i>10 YR</i>	<i>N5</i>		<i>lith</i>	<i>coarse</i>	<i>S.R</i>	<i>med</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	<i>M</i>	<i>Fe</i>	-----		<i>ridge</i>		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>mdst</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

- same as 584004

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 17/84	GEOLOGIST J.S. - I.P.	OUTCROP 584087	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 542300	NORTHING 6115725	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
55L	10Y 4/2	5Y 4/1		lith.	med.	SR.	poor to med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	H	Fe.	with med. lenses		ridge		

COMMENTS:
- blocky

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	270/25			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE JULY 17/84	GEOLOGIST J.S.-I.P.	OUTCROP SB4078	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 541375	NORTHING 6116700	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SH/mst.	10Y 6/6	N2					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fe		ridge

COMMENTS: - brittle - needle like weathering

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230/70°			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS: walked over from last obs

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 17/84	J.S. - I.P.	584088	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/1		

EASTING	NORTHING	ELEVATION
540850	6117000	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	8/4	N3					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
wood frags	M	Fe	very fine silt laminations	ridge

COMMENTS: brittle

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	010/55°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JULY 17/84	GEOLOGIST J.S. - L.P.	OUTCROP S84088	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 540300	NORTHING 6117300	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: - brittle : same as S84007

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 17/84	J.S. - I.P.	584009	

MAP	AERIAL PHOTO	SAMPLE(S)
103 P/L		

EASTING	NORTHING	ELEVATION
539500	6117800	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SH	5/8	N ₂					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
	M.	FC	—	ridge

COMMENTS: - very thinly bedded + fissile

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	125/15°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 64/05

DATE JULY 17/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4082	SLIDE/PHOTO
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MAP 103D/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 539300	NORTHING 6118075	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	104/8/16	N2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	- laminated with s.l.s.t.		ridge		

COMMENTS:
- underbedded with s.l.s.t. on a very fine scale

major

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s.l.s.t.	104/8/16	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	laminated with mdst.		ridge		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	225/35°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 19/84	J.S. - I.P.	584083	

MAP	AERIAL PHOTO	SAMPLE(S)
93M/13		

EASTING	NORTHING	ELEVATION
576075	6182400	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst.	10YR 5/4	5Y 6/1		lith	coarse	S.R.	mat

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
broken shell	M	FC		ridge

COMMENTS:
 - some frags - calcite
 - some weathered out

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE


COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
			COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION

COMMENTS:


OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04/05

DATE July 19/84	GEOLOGIST J.S.-I.P.	OUTCROP 584084	SLIDE/PHOTO
MAP 93M/13	AERIAL PHOTO	SAMPLE(S)	
EASTING 575700	NORTHING 6182350	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slst	10yr 5/4	N7					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- x-bedding		ridge		

COMMENTS:
- interbedded with mdst (very thin laminations)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst.	10yr 5/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- v-bedding		ridge		

COMMENTS:
- occur as laminations in slst.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	325	132		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JULY 19/84	GEOLOGIST J.S.-I.P.	OUTCROP SB4084	SLIDE/PHOTO
MAP 93M/13	AERIAL PHOTO	SAMPLE(S)	
EASTING 575700	NORTHING 6182350	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SBT	10YR 8/2	5YR/1		lith	med	R	med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	S-M.	-	-		ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 11 1984		GEOLOGIST J.S. - I.P.		OUTCROP 584085		SLIDE/PHOTO J.S.'s comp picture 2+3 +4	
MAP 93 M/13		AERIAL PHOTO		SAMPLE(S)			
EASTING 575530			NORTHING 6182300			ELEVATION	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
slt	10 yr 7/4	5 yr 5/2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
brachs bivalves	m.	very Fe stained	---		ridge		
COMMENTS: - fossil bed - loaded with brachs + bivalves (replaced by black calcite) - calcite veining							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
COMMENTS: in etc only a few brachs found, rest all bivalves							
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS			
	RANGE		MEAN	TYPE	ORIENT.	DISP.	
TYPE	FOLOS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS:							

OUTCROP SKETCH (OVER)

7885 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 19/84	GEOLOGIST J.S. - I.P.	OUTCROP 584085a	SLIDE/PHOTO
MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)	
EASTING		NORTHING	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst mdst							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		
					ridge		

COMMENTS:

- further along grades back into the
interbedded slst/mdst as in
584084f

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
	TREND	PLUNGE			TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7665 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 19/84	J.S. - I.P.	SB4086	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/13		

EASTING	NORTHING	ELEVATION
575290	6182190	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
s1st	10YR 4/2	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
	M.	Fe		ridge			

COMMENTS:
- intervals of sst interbedded

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
sst.	5Y 7/2	N8		lith	med	s.r.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
	M.	Fe	- occur as lenses	ridge			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
walked along mdst/s1st with occasional intervals which contained broken shells.

OUTCROP SKETCH (OVER)

7685 84-06

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 19/84	GEOLOGIST J.S. - 1P.	OUTCROP SB4087	SLIDE/PHOTO
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MAP 93M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 547750	NORTHING 6181475	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
st.	10YR 5/4	5YR 6/1		lith	med	S.A.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
shell frags	H	Fe	---		ridge		

COMMENTS:

- full of broken shell fragments replaced by silt.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	140/70°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

walked over covered interval (snow & moss).

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

DATE July 19/84	GEOLOGIST J.S.-I.P.	OUTCROP 584088	SLIDE/PHOTO
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 575175	NORTHING 6180660	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
S1st	S ₄ /1	N4	—	—	—		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M	Fe	-fine mdst lenses		ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	335	50°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
			TYPE	RELATION

COMMENTS: walked over covered area

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE JULY 19/84	GEOLOGIST J.S. - I.P.	OUTCROP SEHOBA	SLIDE/PHOTO
MAP 93 M 1:3	AERIAL PHOTO	SAMPLE(S)	
EASTING 575320		NORTHING 6180550	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
silt	5y/3	N4	---				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
- Diatoms - microfossils		Fe			ridge		

COMMENTS:
- fossiliferous

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 19/84	GEOLOGIST J.S. - I.P.	OUTCROP 584090	SLIDE/PHOTO
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 575875	NORTHING 6180575	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst.	10Y	N5					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	M	Fo	—	ridge

COMMENTS: - massive, blocky.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 19/84	GEOLOGIST J.S. - I.P.	OUTCROP 584091	SLIDE/PHOTO
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MAP 93 M/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 576350	NORTHING 6180550	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
5st.	10YR 3/4	N7		lith	fine	S.R.	mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe		ridge

COMMENTS:
- interbedded with
silt.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
5st	10YR 3/4	5Y 1/1					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	M	Fe		ridge

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:
walked over snow.

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 19 1984	J.S. - I.P.	584092	
MAP	AERIAL PHOTO	SAMPLE(S)	
93 M/13			
EASTING	NORTHING	ELEVATION	
576250	6180800		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
silt	10Y/4	5Y/2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
shells + bivalves M		lots of Fe		ridge			

COMMENTS:

- shells + bivalves replaced by silt.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE <i>JULY 21/84</i>	GEOLOGIST <i>J.S. - I.P.</i>	OUTCROP <i>584093</i>	SLIDE/PHOTO
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>518850</i>	NORTHING <i>6084450</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
						<i>ridge</i>	

COMMENTS:
Intrusives

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24-05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 21/84	J.S - I.P.	SB4094	

MAP	AERIAL PHOTO	SAMPLE(S)
103 I/15		

EASTING	NORTHING	ELEVATION
519000	6084250	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sist.	103/4	54/11					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H		-		ridge		

COMMENTS:

metamorphosed

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>JULY 21/84</i>	GEOLOGIST <i>J.S. - I.R.</i>	OUTCROP <i>684095</i>	SLIDE/PHOTO
MAP <i>103I/15</i>	AERIAL PHOTO	SAMPLE(S)	
EASTING <i>518925</i>	NORTHING <i>6083900</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>slst</i>	<i>10YR 7/4</i>	<i>N3 N5</i>					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	<i>M.</i>		<i>- laminated with darker silt</i>		<i>ridge</i>		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	<i>270/70</i>				
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE July 21/84	GEOLOGIST JS-R	OUTCROP SE4096	SLIDE/PHOTO
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 519025	NORTHING 6083400	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SSZ	10 ^{1/2} /4	N5		lith	f.g	S.A	med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M		massive		ridge		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst.	10 ^{1/2} /4	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	massive		ridge		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230	65		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7585 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 21/84	GEOLOGIST J.S.-I.P.	OUTCROP 584097	SLIDE/PHOTO
MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 519325	NORTHING 6082950	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	5YF/4	N5		lith	f-g	S.A	mod-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M	Fe	—		ridge		

COMMENTS:

- Unconform.

major

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	5YF/4	N4					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	M	Fe	—		ridge		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
	TREND	PLUNGE			TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 B403

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>July 21/84</i>	GEOLOGIST <i>J.S. - I.P.</i>	OUTCROP <i>584090</i>	SLIDE PHOTO <input checked="" type="checkbox"/>
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MAP <i>1031/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>520225</i>	NORTHING <i>6082575</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>slt</i>	<i>5Y</i>	<i>N4</i>					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	<i>M</i>	<i>Fe</i>		<i>ridge</i>

COMMENTS:
- platy weathering

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUL 21/84	GEOLOGIST J.S. - I.P.	OUTCROP 584099	SLIDE/PHOTO
MAP 103I/15	AERIAL PHOTO	SAMPLE(S)	
EASTING 520750		NORTHING 6082875	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S15L	10Y	N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
—	M	Fe	—	ridge			

COMMENTS:

- brittle - needle like weathering

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	200	85°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

walked over s1st rubble

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 21/84	J.S.-I.P	584100	

MAP	AERIAL PHOTO	SAMPLES:
103.I/15		

EASTING	NORTHING	ELEVATION
520900	6082950	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
35t.	5Y 6/1	5Y 6/1		1.1h	med		S.A mod

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
—	S	—	massive	ridge

COMMENTS:
 - lots of biotite + pyrite
 - highly weathered

MAJOR

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
31st	10YF 5/4	N3					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
—	M	Fe	—	ridge

COMMENTS:
 - brittle.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7665 54/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>July 21/84</i>	GEOLOGIST <i>J.S. - I.P.</i>	OUTCROP <i>684101</i>	SLIDE/PHOTO
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MAP <i>103 I/15</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>52175</i>	NORTHING <i>6082950</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

INTRUSIVE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				<i>intrusive</i>

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JULY 21/84	GEOLOGIST J.B.-I.P.	OUTCROP 584102	SLIDE/PHOTO
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MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 521375	NORTHING 6082910	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
31st 587/1		N3					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M.	Fc	-		ridge		

COMMENTS:
-thinly bedded - fissile.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	315	12°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 8405

DATE July 21/64	GEOLOGIST J.S. - I.P.	OUTCROP 584103	SLIDE/PHOTO
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MAP 103 I/15	AERIAL PHOTO	SAMPLE(S)
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EASTING 521650	NORTHING 6083150	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
slst	5 ⁴ / ₃ 14	N ₃	—	—	—	—	—

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
—	H	Fe	—	ridge

COMMENTS: partly cooked by intrusive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
				intrusive

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/03

DATE JULY 23/84	GEOLOGIST J.S. - I.P.	OUTCROP SBH104	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)	
EASTING 523740	NORTHING 6112550	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SH	10Y/7/4	N3	30m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe			ridge		

COMMENTS:

- needle like fracture
- brittle
- friable, associated w/ lighter sh.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	315/25°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE JULY 23/84	GEOLOGIST J.S. - I.P.	OUTCROP 584105	SLIDE/PHOTO
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MAP 103P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 524350	NORTHING 6112050.	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SH	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- same as 584104

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	295/30°			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7655 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 23/84	GEOLOGIST J.S.-I.P.	OUTCROP SB4106.	SLIDE/PHOTO
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MAP 103P/2	AERIAL PHOTO	SAMPLE(S)
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EASTING 524625	NORTHING 6111750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F	THICK	COMP.	GRAIN SIZE	R	S
SH		5m (whole)				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
					ridge	

COMMENTS:

- Same as SB4107

MINOR LITH.	COLOUR W F	THICK	COMP.	GRAIN SIZE	R	S
ssT	10Y 7/4	Ns	5m	hth.	med	s.r. mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	S.	Fe	thin Fe bands		ridge	

COMMENTS:

- very weathered (unresistant)

COAL LITH.	COLOUR W F	THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230/65°			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7605 84/05

DATE JULY 23/84	GEOLOGIST J.S.-I.P.	OUTCROP 584107	SLIDE/PHOTO
MAP 103 P/2	AERIAL PHOTO	SAMPLE(S)	
EASTING 525425	NORTHING 6111425	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SH	D76/2 N3 SPB5/2		2m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- thinly bedded		ridge		

COMMENTS:

- brittle.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

walked over snow & grabbed w/ minor shake
 PUBLIC
 OUTCROP SKETCH (OVER)

7885 5475

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 23/84	GEOLOGIST J.S. - I.P.	OUTCROP SB4108	SLIDE/PHOTO
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MAP 103P12	AERIAL PHOTO	SAMPLE(S)
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EASTING 526525	NORTHING 6110500	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SH.							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

- same as SB4107

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JULY 26/84	J.S. - I.P.	584109	

MAP	AERIAL PHOTO	SAMPLE(S)
103P/1		

EASTING	NORTHING	ELEVATION
537350	6120425	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
msdy slst.	W 10YF	F N3	5m.	--			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	-		ridge		

COMMENTS:
 - brittle
 - needle-like fracture

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JULY 26/84	GEOLOGIST J.S. - I.P.	OUTCROP 584110	SLIDE/PHOTO
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 538280	NORTHING 6120750	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst / slst.							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

- same as 584109

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 2, 84	GEOLOGIST J.S. - i.P.	OUTCROP 584111 58411	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 538125	NORTHING 6121650	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ms/sist							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- same as 584110

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	235	712°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE JULY 26/84	GEOLOGIST J.S. - I.P.	OUTCROP 584112	SLIDE/PHOTO
MAP 103P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 536375	NORTHING 6122025	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Slsy mass							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	M.				ridge.		

COMMENTS:
- same as 584111
maybe a bit more massive but as weathered

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE JULY 26, 84	GEOLOGIST J.S. - J.P.	OUTCROP 584113	SLIDE/PHOTO
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MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)
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EASTING 535250	NORTHING 6121800	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MIST S/S	10 Y 5/4	N3	---				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
	M	Fe	with lighter matrix (S. of loc)	Notes

COMMENTS: -

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 64/05

DATE JULY 26/84	GEOLOGIST J.S. - J.P.	OUTCROP 584114	SLIDE/PHOTO
MAP 103 P/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 533775	NORTHING 6121800	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
stt	5/4	2/6		ltn	med	S.R.	med
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	—		ridge		

COMMENTS:
- massive

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE JULY 28 1984	GEOLOGIST J.S. - I.P.	OUTCROP SB4115	SLIDE/PHOTO
MAP 93 M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 564575	NORTHING 6140200	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ssL	10YR 8/2	N5	1m	lith	v.f	S.R	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	M	-	lots of mdst lenses 3-2cm thick			ridge	

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst	10YR 8/2	N2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
	M					ridge	

COMMENTS:

- occur as lenses in
ssL.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	330/10°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

DATE JULY 28/64 J.S. - I.P.	GEOLOGIST	OUTCROP 584116	SLIDE/PHOTO
MAP 93M/5	AERIAL PHOTO	SAMPLE(S)	
EASTING 564175	NORTHING 6141100	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK (m)	COMP.	GRAIN SIZE	R	S
sh mst	4/4	N3	30m				
FOSSILS plant frags	INDURATION M	ACCESSORY MIN./STAINING Fe	BEDDING/SED. FEATURES thinly bedded	OUTCROP TYPE/SIZE ridge			

COMMENTS:

- needle weathering
- very brittle

MAJOR

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	10/1 6, 2	5/1	30m	lith	fg	s.e.	mod
plant frags	INDURATION S	ACCESSORY MIN./STAINING Fe	BEDDING/SED. FEATURES thin most stringers	OUTCROP TYPE/SIZE ridge			

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	185	36°	

FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

walked over
sst with mdst laminations +
mdst needles

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04/05

DATE July 28/84	GEOLOGIST J.S. - I.P.	OUTCROP 584117	SLIDE/PHOTO
MAP 93 M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 5659000	NORTHING 6141400	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ssT	10 yr 7/4	10 yr 4/2		lith	v.f.g	S.R	ms
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Plant frags	S	Fe	thin mdst stringers		ridge		

COMMENTS:

MAJOR

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst	10 yr 7/4	N2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
	M	Fe	occurs as laminations		ridge		

COMMENTS:

- also intervals interbedded with ssT.

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE JULY 28/84	GEOLOGIST J.S.-I.P.	OUTCROP 584118	SLIDE/PHOTO
MAP 93M/S	AERIAL PHOTO	SAMPLE(S)	
EASTING 563725	NORTHING 6142125	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	5/6	N4	15m	lith	v.f.g.	s.r	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- with mdst laminae - 10cm		ridge		

COMMENTS:

MAJOR

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mdst	10/4	N2	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	Fe	- with sst laminations		ridge		

COMMENTS:

- brittle - crumbly

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	270/24°		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE
INTRUSIVE/VOLCANICS TYPE RELATION			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 28/84	J.S. - L.P.	384119	

MAP	AERIAL PHOTO	SAMPLE(S)
93 M/S		

EASTING	NORTHING	ELEVATION
563425	6142600	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	1.5 3/2	5 6/1		lith	f.g	S.R	mas
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M	-	massive		ridge		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405									
DATE			GEOLOGIST			OUTCROP		SLIDE/PHOTO	
JULY 28/84			J.S.-I.P.			584120			
MAP			AERIAL PHOTO			SAMPLE(S)			
103 P. 18						584120			
EASTING				NORTHING			ELEVATION		
562350				6142675					
GEOLOGY									
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S		
slst	10yr 8/2		N4	---	lth				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			
plant frags	M	---		-		ridge			
COMMENTS:									
MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE			
COMMENTS:									
COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	HOOF	FLOOR		
			2 seams 1/2 m each		5m		slst	slst	
COMMENTS:									
STRUCTURAL GEOLOGY			BEDDING NO. TAKEN			FAULTS			
			RANGE		MEAN	TYPE	ORIENT.	DISP.	
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE			INTRUSIVE/VOLCANICS TYPE RELATION			
COMMENTS:									

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84/05

DATE <i>JULY 28/84</i>	GEOLOGIST <i>J.S. - I.R.</i>	OUTCROP <i>SB4121</i>	SLIDE/PHOTO
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MAP <i>103 P/18</i>	AERIAL PHOTO	SAMPLE(S)
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EASTING <i>561875</i>	NORTHING <i>6142925</i>	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>sst.</i>	<i>10YR</i> <i>5/4</i>	<i>N4</i>	<i>1m</i>	<i>lith</i>	<i>med.</i>	<i>SR</i>	<i>mod</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>—</i>	<i>M</i>	<i>—</i>	<i>massive</i>		<i>ridge</i>		

COMMENTS:
- poor etc.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE <i>July 17/84</i>	GEOLOGIST <i>RB-GF</i>	OUTCROP <i>B84133</i>	SLIDE/PHOTO -
MAP <i>93m/13</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>581600</i>	NORTHING <i>6185050</i>	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
-							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>4/2-1</i>		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

794

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE July 17/84	GEOLOGIST RB-AF	OUTCROP B84134	SLIDE/PHOTO -
MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 581450	NORTHING 6185250	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
104L S/H	25	3/2	1.5m	100%	1-2	50%	100%
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	100%	-	70%		100%		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SILTST	1/3	-	1.5m	100%	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	100%	-	70%		100%		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	154/37			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE July 19/84	GEOLOGIST RL GF	OUTCROP B34135	SLIDE/PHOTO -
MAP 700/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 581000	NORTHING 6185550	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLS	5/2 6/1	N7	100	-17	fine	-	1'
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	mod	-	thin		1.85t		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLS							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-							

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	135/40°			

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
				TYPE	RELATION

COMMENTS:

RL

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8408

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
July 24	R. S. F.	B-9136	-

MAP	AERIAL PHOTO	SAMPLE(S)
20/13	-	-

EASTING	NORTHING	ELEVATION
580750	6185750	-

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	1/2	1/3	2 in	-	F	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
5H2	M	-					

COMMENTS:
 → in place, dip is 152° shells

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	152/32°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7855 8408

DATE July 21/84	GEOLOGIST RB. GF	OUTCROP B84137	SLIDE/PHOTO -
MAP 103 I 15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 525300	NORTHING 6090250	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	10YR 5/4	10YR 6/2	2m	Q	F	?	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	FF	THICK		Ridge		

COMMENTS: *QUALITY*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	028/28			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7689 84/05

DATE July 21/84	GEOLOGIST RB - GF	OUTCROP 634138	SLIDE/PHOTO -
MAP 1031/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 824300		NORTHING 6089300	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
1ST	55	N4	?	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
af	m-	-	Poor bed. ind. 10-15 cm		RIDGE		

COMMENTS:

WELL SORTED SERIES OF SEDIMENTS IS WITH TO VH & ALL ARE DISINTEGRATED AND WEATHERED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

Very massive, fairly platy, 10-15 cm

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE July 21/84	GEOLOGIST RB - GF	OUTCROP 889/139	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 524150		NORTHING 6089300	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10Y2 6/2	5Y2 5/2	1.5m	LITH	FG	Sa	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
PF	mH	FE	THIN		HILLSIDE		

COMMENTS: leaf like PFs and pseudo carbonized twigs

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN				FAULTS TYPE ORIENT. DISP.
	RANGE		MEAN		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 1971	GEOLOGIST P.B. Gil	OUTCROP D54-11	SLIDE/PHOTO -
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MAP 103-5	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 523900	NORTHING 6089200	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ST	241	N9	2-3m	Q	FG	a	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	mic. det. in	A. 5m

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	178/21°		

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE <i>July</i>	GEOLOGIST <i>RB-GF</i>	OUTCROP <i>B04142</i>	SLIDE/PHOTO -
MAP <i>103J/15</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>523500</i>		NORTHING <i>6088900</i>	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SST</i>	<i>10YR 4/2</i>	<i>N/4</i>	<i>4m</i>	<i>LITH</i>	<i>F 3/4?</i>		<i>M</i>
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	<i>VH</i>	-	<i>MEDIUM</i>			<i>ROUNDED HILL</i>	

COMMENTS: *Dominantly FG SEDS*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>174/10</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JULY 21/81	GEOLOGIST RB-GF	OUTCROP BB4143	SLIDE/PHOTO -
MAP 103J/15	AERIAL PHOTO -	SAMPLE(S) Yes - coord for tree	
EASTING 523200	NORTHING 6088850	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 5/2	5Y 4/1	.5m	LITH	FG	Sa	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
WOOD-CARBONS-ACCENS-IMPRINTS	MH	-	THIN		HILLSIDE		

COMMENTS: Some small impressions of plant frond (needle grass like)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 4/1	N4	1.5m	R+ LITH	MH	Sa	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	MH		x bedding		HILLSIDE		

COMMENTS: looks ferric - above the soft wood SST.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	239/44		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 8405

DATE July 21/84	GEOLOGIST RB-GF	OUTCROP B84/43a	SLIDE/PHOTO -
MAP 103J/15	AERIAL PHOTO -	SAMPLE(S) yes - COAL LOH	
EASTING 523100		NORTHING 6088800	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
msst	5YR 5/6	X12	15m	LATH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
PF	MH	-	THIN				

COMMENTS:

NEEDLE LIKE TO GLASS LIKE - VERY ABUNDANT. A FEW CONCRETION

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
VIT	N2	N1	?	?		SST FG	POST

COMMENTS:

LOOKS SIMILAR TO LOH PIECES

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	204/24°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-02

DATE July 21/84	GEOLOGIST RB-GF	OUTCROP BB4144	SLIDE/PHOTO R1-533
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MAP 103I/15	AERIAL PHOTO —	SAMPLE(S) Yes - COAL
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EASTING 582250	NORTHING 6088800	ELEVATION —
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GEOLOGY

FLY LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLSST	5R 4/1	N4	.5m	LITH	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	FRI	—	THIN		RIDGE		

COMMENTS:

FLY LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5R 2/1	N5	.5m	LITH Q+	F-M	S ₂	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
—	mH	—	MEDIUM TO THICKLEY		RIDGE		

COMMENTS: CHANNEL SAND CUTTING INTO COAL AND CARB SHALE

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
VIT.	10Y2 6/6	N1	AT LEAST 1m 500.	30m approx	✓	AS	AS

COMMENTS: COAL IS FINELY INTERBEDDED WITH CLAY MUDST AND REACHES A THICKNESS OF UP TO 5CM

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	209/66°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/05

DATE JULY 21/84	GEOLOGIST RB-GF	OUTCROP BB4145	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 522500		NORTHING 6089000	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLSST	10YR 6/2	N4	?	G + LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
SOME TWIGS	VH	-	MEDIUM - THICK		HILLSIDE BUBBLE		

COMMENTS: VERY BROKEN AND CLEAVAGE DUE TO NEIGHBORING VOL/INT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 2405

DATE July 22/84	GEOLOGIST RB-GF	OUTCROP B84146	SLIDE/PHOTO -
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515850	NORTHING 6087850	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	N5	5/11	5m	LITH-Q	M-C	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	MH	Fe	THICK			FLAT RIDGE	

COMMENTS: some Fe stain around wa others; areas - quite a jumble of sst. broken and part leached.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/11	5/11	1m	LITH-Q	FG	?	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	MH	-	THIN			FLAT RIDGE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	031/52			

FOLDS	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84705

DATE July 22/89	GEOLOGIST RB-GIF	OUTCROP BBY147	SLIDE/PHOTO -
MAP 103I/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 516550	NORTHING 6088150	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5y	N3	4m	LITH	-	-	-
FOSSILS SPRBY WOOD	INDURATION MH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES MEDIUM	OUTCROP TYPE/SIZE RIGID			

COMMENTS:
MASSIVE SLTST SST SUCCESSION
LOCALLY WEATHERING
BROAD REF LEAVES.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
COMMENTS:							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	216/43			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

7885 84/05

OUTCROP DESCRIPTION FORM

DATE July 22/84	GEOLOGIST RB-GF	OUTCROP 884198	SLIDE/PHOTO -
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MAP 103 r/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 516950	NORTHING 6088250	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	54R 3/4	N4	2m	LITH	F- SST	?	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
PF	H	SOME MINOR FE	MEDIUM	RIDGE

COMMENTS:
- ABUNDANT PFS MOSTLY NEEDLE LIKE LEAF IMPRINTS AND CARBY TYPE WOOD

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	194/44	209/33		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7605 6405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 22/84	GEOLOGIST RB-GF	OUTCROP B84149	SLIDE/PHOTO -
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 517300	NORTHING 6088400	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 6/1	N6	2m	Q	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	H	-	FINELY 18° DARKER SLTST - MEDIUM BEDDED			RIDGE	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	216/25			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 22/80	GEOLOGIST RB GF	OUTCROP 684150	SLIDE/PHOTO -
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MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 517600	NORTHING 6088650	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 8/2	N9	2.5M	Q	F	Sa	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	MEDIUM-THICK	RIDGE

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLSST	5YR 8/1	N5	2.0m	LIT	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
PF	MH	-	MEDIUM	RIDGE

COMMENTS:

SCORBY WOOD IMPRINTS

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	27	46°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/03

DATE July 22/04	GEOLOGIST RB-GF	OUTCROP B84151	SLIDE/PHOTO -
MAP 103 E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 517800	NORTHING 6088800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 4/2	N3	.5m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
CARB WOOD	MH	-		TAIN - MEDIUM		RIDGE	

COMMENTS: HAVE CROSSED OVER A SUCCESSION OF 18 SSTS AND SLTS CONTAINING GF AND CARBY WOOD - PRO DELTA SAND & SEDS? SOME FINE LAMINA 1700S OF SET SW

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: BOWSER SEDS.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230/27			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8408

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 22/84	GEOLOGIST RB-CF	OUTCROP R04/152	SLIDE/PHOTO -
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MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 518200	NORTHING 6088900	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S1T5T	107R 6/2	N6	2m	Q	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	QUARTZ VENING	L.A. 1.3" x 0.5" E.L. 1.5"		RIDGE		

COMMENTS:

SOUTH SIDE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
S5T	752 3/2	N6	0.5m	Q	F-M	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THIN + SOME X-DIPS		RIDGE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	265/12°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 04/03

DATE July 22/84	GEOLOGIST RB - GF	OUTCROP B84153	SLIDE/PHOTO -
MAP 1031/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 518500	NORTHING 6088900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	53R 6/1	N6	.5m	LITH - Q	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
PF	MF	-	THIN		RIDGE		

COMMENTS:

ABUNDANT PF'S - LEAVES?
STEMS
10% less than

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	230/24°			
FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
	TYPE TREND	PLUNGE	TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 84/05

DATE July 22/84	GEOLOGIST RB - GF	OUTCROP B94154	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 518750	NORTHING 6088950	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5/2 4/4	N4	1.0m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MEDIUM TO THICK		ATTN TOP		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	032/39			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 04/05

DATE July 20/04	GEOLOGIST S.B. 235	OUTCROP 3275	SLIDE/PHOTO -
MAP 123T/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 518950	NORTHING 6088900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: *1.5 m thick*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	<i>20/25</i>			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7555 6405

DATE July 22/84	GEOLOGIST RB-GF	OUTCROP B84156	SLIDE/PHOTO -
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MAP 103 E/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 59200	NORTHING 6088750	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 4/4	N4	1.5m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	MEDIUM	DIPSLOPE

COMMENTS: HACKY WEATHERING - CAME DOWN STEEP DIP SLOPE OF 18 SST/FS AND SST.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	0024/62°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
Syn				

COMMENTS: ② 225/41°

SADDLE

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/00

DATE July 22/84	GEOLOGIST RB-GF	OUTCROP B84157	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 518500	NORTHING 6088650	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
STST	5YR 6/1	N4	2m	LTH			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	V-L	-	MEDIUM		RUBBLED C/O		

COMMENTS:

THICK SUCCESSION OF ST/SLTS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
EST	5YR 6/1	N4	1m	LTH			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MEDIUM		RUBBLED		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	242	26°		
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-08

DATE July 22/84	GEOLOGIST RB GF	OUTCROP BB4158	SLIDE/PHOTO -
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MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 520300	NORTHING 6088650	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5YR 3/4	N/6	2m	Q-LITH	FG	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MA	-	MEDIUM		RIDGE		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: DESCRIPTION AS BEFORE

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	231/35			

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7895 6405

DATE July 23/84	GEOLOGIST RB GF	OUTCROP BB4/59	SLIDE/PHOTO -
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MAP 103 P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 524300	NORTHING 6118360	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	1099 7/2	N4	2m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	Fe1	-	THIN	SMALL HILLTOP

COMMENTS:

WEATHERS INTO SMALL PRATEY
PIECES - LOOK SLIGHTLY SLATEY

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	223	54°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 23/84	GEOLOGIST RB - GF	OUTCROP 384160	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 524550	NORTHING 6117435	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST	grey 6/6	N4	5m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	FR1	FE	THIN		RIDGE		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	243/52°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/05

DATE JULY 23/84	GEOLOGIST RB-GF	OUTCROP B84/161	SLIDE/PHOTO -
MAP 103 P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 525115		NORTHING 6116970	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
STST	10YR 6/2	N4	10m	LITH + Q	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	MH	-	THIN		SAPOOLE		

COMMENTS: BURROWS AND TRAILS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	256/31	254/30	255/33

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 SAQS

DATE July 23/84	GEOLOGIST RB-GF	OUTCROP B84162	SLIDE/PHOTO -
MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 525590		NORTHING 6116190	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	5YR 5/6	N5	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
	MH	Fe	THIN		HILLTOP		

COMMENTS:

→ CALCARIOUS TYPE TUBEROUS

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	225/52°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 23/84	GEOLOGIST RB-GF	OUTCROP BH/163	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 526200	NORTHING 6115700	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 4/2	5YR 4/1	3m	LTH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	FRI	FE	THIN	HALFDP

COMMENTS: MANTONOUS SUCCESSION OF SLTST
BOWSER SEDIMENT-DEEP MARINE-
AND PAPER SHALES.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	258/42°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7885 04/03

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE <i>July 23/84</i>	GEOLOGIST <i>RB-GF</i>	OUTCROP <i>BB4164</i>	SLIDE/PHOTO -
MAP <i>103 P/2</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>526 420</i>		NORTHING <i>6115 600</i>	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SHALE</i>	<i>5YR 4/4</i>	<i>N4-5</i>	<i>15m</i>	<i>LIT</i>	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>FRI</i>	<i>SOME FE</i>	<i>VERY FINELY LAM. LIGHT DARK SLTST</i>		<i>CLIFFS</i>		

COMMENTS:

VERY PRONOUNCED CLEAVAGE 1 TO BEDDING - SLATE LIKE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>22</i>	<i>85°</i>	
TYPE	FOLDS TREND PLUNGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 24-05

DATE July 23/84	GEOLOGIST RB-GF	OUTCROP BB4165	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 526725	NORTHING 6115475	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 7/4	N3	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	SOME FE	FINE DEBRITIC LAMINATIONS		HILL SIDE		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	345/77°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE July 23/84	GEOLOGIST RB-GF	OUTCROP B84/166	SLIDE/PHOTO -
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MAP 133P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 527960	NORTHING 6115750	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS: AS BEFORE - WHOLE SADDLE CONSISTS OF PLANAR LAMINATED SLTST - SLATEY CLEAVAGE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	216°	81°		

FOLDS TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
			180/20°	

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 23/84	GEOLOGIST RB-GF	OUTCROP B84/67	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 528570	NORTHING 6115965	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDSF	5/2	5/2	10m	LITH	-	-	-
	5/2	3/2					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	FRI	-		THIN		MILLIP	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7585 8408

DATE July 26/84	GEOLOGIST RB-GF	OUTCROP B84/DB	SLIDE/PHOTO -
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MAP 103 P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 537500	NORTHING 6104450	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST-MUST	54R	N4	4m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	MEDIUM	H/LLTOP

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	351/18°?		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE July 26/84	GEOLOGIST RB-GF	OUTCROP BB4169	SLIDE/PHOTO -
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MAP 103 D/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 538050	NORTHING 6104550	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	99R 5/2	A6	5m	2/177	FG	5a	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	MH-11	-		MEDIAN - RADIALLY		5/17/84	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	254/16°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/06

DATE July 26/84	GEOLOGIST RB-GF	OUTCROP B04170	SLIDE/PHOTO -
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MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 538800	NORTHING 6104550	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	54 ^R 614	N5	4-5m	CHERT Q	M-C	SE	P

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	MEDIUM	HILLTOP

COMMENTS: FLUVIAL SST

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SUBST	54 ^R 512	N4	2m	?	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	THIN	TOP OF HILL

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	199	83°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE July 26/84	GEOLOGIST RB - GF	OUTCROP B84771	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 538950		NORTHING 6103950	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLSST	S ₁₂ S ₁₂	N ₃	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
PF	mH	-	MED		SADDLE		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSP	S ₄₁ S ₄₁	N ₅	2m	CHERT	FG	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	mH	-	MED		SADDLE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	266/26°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE July 26/04	GEOLOGIST RB - GF	OUTCROP 084172	SLIDE/PHOTO -
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MAP 103 P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 539000	NORTHING 6103500	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	522 414	N6	10m	Q	M	SR	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
LIT MARINES	H	-	THIN-MED	HILLSIDE

COMMENTS:
↳ FAIRLY ABUNDANT ON BEDDING PLANES

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	266/24°		
	243/19°		

TYPE	FOLD TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-08

DATE July 29/81	GEOLOGIST RB GF	OUTCROP BB4173	SLIDE/PHOTO -
MAP 103D/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 539150		NORTHING 6103100	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 4/1	N6	2m	CR	m	5a	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
WOOD & W/FAUNA	MH	-		MED - TH N1		HLL /DP	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	312/25'			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE July 27/84	GEOLOGIST RB-GF	OUTCROP BB4174	SLIDE/PHOTO -
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MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) BB4174 - coal
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EASTING 558700	NORTHING 6107300	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	10YR 6/2	3m	LITH + musc	M-F	sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MED - THIN BEDDING		1/11"		

COMMENTS:
SKENA SEDS - MDL. SOFT LITH
MUSCOVITE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 6/2	N3	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	SOFT	-	THIN		STRE A M		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	277	17°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE July 20/84	GEOLOGIST RB-6F	OUTCROP B84175	SLIDE/PHOTO -
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MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 575800	NORTHING 6130300	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10yR 5/4	10yR 4/2	5m?	CHLRTJ	F-M	?	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	JH	FE	MASSIVE		HILLTOP		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	357/27°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

170

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 28 55	GEOLOGIST RB-G	OUTCROP 68/17c	SLIDE/PHOTO
MAP 93m, 5	AERIAL PHOTO	SAMPLE(S)	
EASTING 575100	NORTHING 6130670	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/6	N5	10m	G	F 111	5a	10
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VVH	-	M.E. DIUM		M.I.C. 100 RWS		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	5/6	N3	.5m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	GRAPHITE?	THIN		As ABOVE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	0295	125			
TYPE	FOLDS	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS	
	TREND	DIP	PLUNGE	TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE July 28/84	GEOLOGIST RB-GF	OUTCROP 084177	SLIDE/PHOTO -
MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 574950		NORTHING 6130980	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
JST	5YR 5/2	N4	4m	LITH	M-F	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MEDIUM		HILLSIDE		

COMMENTS: CONTAIN BLACK SLTST RIPUPS (N2)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS		
	RANGE	MEAN	TYPE	ORIENT. DISP.	
	140/31°				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/08

DATE July 28/84	GEOLOGIST RB -GF	OUTCROP 884178	SLIDE/PHOTO -
MAP 95m/5	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 574650		NORTHING 6130285	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/8 5/6	12R 3/2	2m	LITH	M-F	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	Fe	-		SST		

COMMENTS: TLOAT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/05

DATE JULY 28/84	GEOLOGIST RB GF	OUTCROP BB4179	SLIDE/PHOTO -
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MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 573850	NORTHING 6130115	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	R2/2	NY	2m	LTH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	THICK-MED	RIDGE

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	UNOBTAINABLE				
	214/18° 100 m up hill				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 28/84	GEOLOGIST RD G.S.	OUTCROP 83-180	SLIDE/PHOTO -
MAP 93 m/s	AERIAL PHOTO -	SAMPLE(S) B84180 - CRAB SH COAL	
EASTING 573275		NORTHING 6130240	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	6/6	5/1	4m	LITH	M	5a	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD IMPRINTS	5/7	Fe	MEDIUM		KIDG		

COMMENTS:
 INTERCUMENT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CRAB SL	N ₃	N ₂	0.5m	CRAB	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	RESS	HIGH CLAY	THIN		R. DUFF		

COMMENTS: SMALL V. CRAB SCATTERED ON D.C.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	214/59			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE July 28/84	GEOLOGIST RB-GF	OUTCROP B84181	SLIDE/PHOTO -
MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 572875	NORTHING 6130320	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SILTST	5YR 5/6	N4	4m	L-Q	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH-H	SOME Fe	THICK-MED.		RIDGE		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CARB SHALE	N2	N2	< 5m	(AIP)	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
WOOD CARBYA	SOFT	-	THIN		RIDGE		

COMMENTS:

WOOD IMPRINTS - SMALL WHITE FIN
BANDS IN SHALE, CAKES
- CARB LEAF IMPRINTS ALSO

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	232/18°		
FOLDS TYPE	TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-05

DATE July 28/84	GEOLOGIST RB - GF	OUTCROP B84182	SLIDE/PHOTO -
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MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 572475	NORTHING 6130300	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 6/2	Ny	4m	LIT	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
PF CARB.	H	-	MEDIUM	RIDGE

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 4/2	Ny	3m	LIT	FB	Sc	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	MEDIUM - THICK	RIDGE

COMMENTS: FINELY LAMINATED

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	189/32		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 20/84	GEOLOGIST RB-GF	OUTCROP B84183	SLIDE/PHOTO -
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MAP 93m/5	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 572200	NORTHING 6129825	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	S ₁₂ S ₁₂	N ₆	2m	LITH	F	-	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
AP CORRY	H	-	MED	RIDGE

COMMENTS:
→ LEAF

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	210	46°	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 28/84	GEOLOGIST R.B. G.F.	OUTCROP B84131	SLIDE/PHOTO
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MAP 93m/5	AERIAL PHOTO	SAMPLE(S)
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EASTING 572100	NORTHING 6130400	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SITST	8YR 5/1	N5	2m	LITH	--	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
PF	H	-	MEDIUM	RIIDGE

COMMENTS: VITRIN STRINGERS IN SITST-1A02 ABUNDANT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	191	28	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8403

DATE Aug 26/87	GEOLOGIST RB-IP	OUTCROP 284186	SLIDE/PHOTO -
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MAP 103 P115	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 19280	NORTHING 6086975	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5/2	N ₆	10m	Q	FG	?	W
FOSSILS -	INDURATION VH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES THICK		OUTCROP TYPE/SIZE HILL		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	280	70°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8408

DATE AUG 26 / 84	GEOLOGIST RB-TP	OUTCROP B84187	SLIDE/PHOTO -
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MAP 103 P 15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 520725	NORTHING 6086925	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	N ₃	N ₆	-	Q	FFG	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	YH	-	med	HILL

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	270/45		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7595 8405

DATE 11/2/76	GEOLOGIST R.D. [unclear]	OUTCROP 6087170	SLIDE/PHOTO
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MAP [unclear]	AERIAL PHOTO ---	SAMPLE(S)
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EASTING 521025	NORTHING 6087170	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST		1/2	2-6	2		M	1

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	-	THINLY [unclear] [unclear]	1/2

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	130	21	

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-05

DATE 7/26/26	GEOLOGIST K.B. ID	OUTCROP 684189	SLIDE/PHOTO
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MAP 133 P/13	AERIAL PHOTO	SAMPLE(S)
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EASTING 521250	NORTHING 6087675	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	56	114	8m				

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	M	-	SST	1

COMMENTS:
1/3 133 P/13: SANDS
DELTA ORIGIN

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	20		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7888 84/05

DATE P30/2/04	GEOLOGIST RB-IP	OUTCROP B84190	SLIDE/PHOTO -
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MAP 1-3P/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 521590	NORTHING 608790	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CO	5	N2	20m	-	fine	Sn	P

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
COB -	11	-	thin bedded	HILL

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
COB - S.M.L.	N4	N2	0.5m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
COB	17H	-	thin bedded	-

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	00°/35°	245/33	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 24/68

DATE June 30	GEOLOGIST R. L. F.	OUTCROP B84/100	SLIDE/PHOTO -
MAP 93L/3	AERIAL PHOTO -	SAMPLE(S) -	
EASTING		NORTHING	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	09R 6 1/2	53 1/2	-	- 7- ARC	M-F	SA	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M:	GLAUCONITE	-		NAT.		

COMMENTS: BLUE GR - SAND - INTERMEDIATE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5G4 5/2	53 1/2 53 3/2	-	-	-	SA	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M:	GLAUCONITE	-		NAT.		

COMMENTS: Y CALICIOUS - A FEW SILTSTONE
EXIST
- NOT VERY WELL DEVELOPED

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE JULY 15/84	GEOLOGIST R B EAD	OUTCROP E84101	SLIDE/PHOTO
MAP 93L/3	AERIAL PHOTO	SAMPLE(S) SHELL FISH FOSSILS	
EASTING	NORTHING	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5Y 6/2	5GY 1	?	LITHIC	m	a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Plant shellfish	m w	minor hematitic	INDISTINCT MINOR PARALLEL LAMINATIONS (2)		ROAD CUT RUBBLE & NATURAL		

COMMENTS:

* FAIRLY ABUNDANT BIVALVES / poss. Ammonite / Bivalves
ABUNDANT PLANT FRAG-STICKS (minor rootlets) NO PARTICULAR SCORING

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	10YR 4/2	5YR 3/4	(?) 25cm	lithic	med	a	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Plant shellfish	poor body weathered	hematitic	parallel LAMINATIONS		←		

COMMENTS:

THIN LENS LIKE POD WITH ABUNDANT
HEMATITIC WEATHERING (40% matrix)

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

2117L & 2117C - 1157L & 1157C

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE JUN 23, 84	GEOLOGIST RB-AP	OUTCROP B87101a	SLIDE/PHOTO -
MAP 93L/3	AERIAL PHOTO -	SAMPLE(S) -	
EASTING	NORTHING	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST							

-5- CORE

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: *Handwritten notes describing geological observations.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: *Handwritten notes mentioning 'PESAK ROAD' and 'CASTING AND CARBY FRAGS ON BEDDING DENALS'.*

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
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COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE July 5/84	GEOLOGIST RIS - AP	OUTCROP B84102	SLIDE/PHOTO -
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MAP 93L/3	AERIAL PHOTO -	SAMPLE(S) -
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EASTING	NORTHING	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/2	3/2		LITH +	M	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
Wood-Pet.	VH	-	FRST STR.		For Out		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	190/85°		

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

547 - OVER ORIENTED
 102a - 030/38° - rev. x 60°
 11m - 030/38° - 3m - 030/38°
 11m - 030/38°
 OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE July 5/84	GEOLOGIST RB - R.P.	OUTCROP BS-103	SLIDE/PHOTO -
MAP 9343	AERIAL PHOTO -	SAMPLE(S) -	
EASTING		NORTHING	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10 YR 6/2	5 Y 3/2	10 x 5m	SP	FA	?	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD	MH	-	MASSIVE		ROADWAY		

COMMENTS: MICROC.

~ 300m - SED. CONG.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 8409

DATE July 5/84	GEOLOGIST RB-AP	OUTCROP B3-104	SLIDE/PHOTO
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MAP 93L13	AERIAL PHOTO	SAMPLE(S)
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EASTING	NORTHING	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST	59 4/1	59 4/1	?	LITTT	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	SOFT	-	INDISTINCT			slump ROAD 2-3'	

COMMENTS: WEATHERED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			
DURAN	N2	N2	-	-	BUENT LOG	SLUMP	

COMMENTS: TOTALLY WEATHERED a/c

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND			

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 64-08		DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
		July 5/84	RB-AD	B84105	-
MAP	AERIAL PHOTO	SAMPLE(S)			
0243	-	-			
EASTING		NORTHING		ELEVATION	
				-	

GEOLOGY							
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	N5	7m	LITH	FG	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
OSTRACODS MST	FEL.	FE	THINLY BED.		ROAD CUT		

COMMENTS: MICACEOUS
OVERBANK

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF FLOOR
	W	F	COAL	INTERVAL		
CARB MST	N2	N2	?	?	DIRTY CUBIC	SLUMP

COMMENTS: BR. AREAL
RE STAINING

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	105	08/30°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 6403

DATE July 6/84	GEOLOGIST LB-AP	OUTCROP 884106	SLIDE/PHOTO -
MAP 934/3	AERIAL PHOTO -	SAMPLE(S) -	
EASTING		NORTHING	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/3	5/2	1.5m	LITH. m	FG	?	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH-FRI	-	THINLY		SCULPTED		

COMMENTS: FACIES

MAP. 934/3

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	185/50°		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE OUTCROP DESCRIPTION FORM

7885 44/03	DATE July 6/84	GEOLOGIST RB-AP	OUTCROP 554107	SLIDE/PHOTO -
MAP 93L/3	AERIAL PHOTO -	SAMPLE(S) -		
EASTING	NORTHING	ELEVATION -		

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 4/2	10B2		LTH	FG	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	FR1	MA.	THINLY	STREAM			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	165/23°		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH

RECONNAISSANCE OUTCROP DESCRIPTION FORM

7685 84/05

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
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MAP	AERIAL PHOTO	SAMPLE(S)
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EASTING	NORTHING	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	CMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

PIC

MINOR LITH.	COLOUR		THICK	CMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT.		
	RANGE	MEAN			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OPTIONAL)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
MAP	AERIAL PHOTO	SAMPLE(S)	
EASTING		NORTHING	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

DIC

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JULY 6/84	GEOLOGIST RB-110	OUTCROP B84100	SLIDE/PHOTO -
MAP 93m/3	AERIAL PHOTO -	SAMPLE(S) P/C	
EASTING		NORTHING	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MUST	5YR 6/1	5YR 2/2	10x3	L.S.		-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	FR1	-	THIN.		ROAD CUT		

COMMENTS: Thin of sandstone in creek

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/06

DATE	GEOLOGIST	OUTCROP <i>111</i>	SLIDE/PHOTO
MAP	AERIAL PHOTO	SAMPLE(S)	
EASTING		NORTHING <i>V0.0</i>	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
	JOINTS/CLEAVAGE		
COMMENTS:			

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8408

DATE JULY 7/84	GEOLOGIST AP-KB	OUTCROP B84112	SLIDE/PHOTO -
MAP 93L/14	AERIAL PHOTO -	SAMPLE(S) -	
EASTING	NORTHING	ELEVATION -	

GEOLOGY							
MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	OR 5/4	SR 7/2	1.5m	ABC LIT.	FG	SA	W
POSSIBLE	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	MICACEOUS	MED.		NAT.		

COMMENTS: CRUMBLY FRACTURE
RED BED

MAJOR							
MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLSR	5/2 2/2	5/1 6/1	3m	ATH	FG	-	-
POSSIBLE	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MED		NAT.		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	048/72°		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 6408

DATE July 7/84	GEOLOGIST RB - AP	OUTCROP 584113	SLIDE/PHOTO --
MAP 93 L/101	AERIAL PHOTO -	SAMPLE(S) -	
EASTING		NORTHING	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	54R	47H	75m	-	-		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	N-	-			N.A.		

COMMENTS: *Slate thin*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND			

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8/05

DATE <i>July 17/84</i>	GEOLOGIST <i>RB-GF</i>	OUTCROP <i>B4114</i>	SLIDE/PHOTO -
MAP <i>17SP/1</i>	AERIAL PHOTO	SAMPLE(S) -	
EASTING <i>536700</i>	NORTHING <i>6116650</i>	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
-	<i>5/4</i>	<i>5/4</i>	<i>2m</i>	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>m</i>	<i>Fc</i>	<i>INT. BEDS</i>		<i>CLIFF</i>		

COMMENTS:

1.42 A 6116950 E 536950

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
<i>SHALE</i>	<i>5/4</i>	<i>5/4</i>	<i>4m</i>	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	<i>m</i>	-	-		-		

COMMENTS:

*FE RICH SAND
2-3 cm
- PLAS...
6.25 DIRT LHM. 225°/46°*

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

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STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>315/23</i>		

TYPE	FOLDS	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 6/05

DATE <i>July 17/84</i>	GEOLOGIST <i>GF-RB</i>	OUTCROP <i>B94115</i>	SLIDE/PHOTO -
MAP <i>103 P/1</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>537250</i>	NORTHING <i>6116950</i>	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SLSR</i>	<i>5/2</i> <i>6/4</i>	<i>5/2</i> <i>5/2</i>	<i>10 m</i>	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
<i>SHELLS</i>	<i>M/I</i>	-	<i>THIN</i>		<i>HILL</i>		

COMMENTS: *Good FRACTURE
BOLSER - MARINE - PROBABLY DEEP TO MGD.*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	<i>238 / 64°</i>		
FOLDS TYPE	TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE July 17/84	GEOLOGIST RB-GF	OUTCROP B84/16	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 537800	NORTHING 6116850	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5y 4/1	5YR 6/1	2m	Q	FG	5a	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
SHELL	H	-	THINNING MD		CLIFF		

COMMENTS: HILLSIDE COVERED BY FG SST FLOAT.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	322/39°		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 17/84	GEOLOGIST RB-GF	OUTCROP RB4117	SLIDE/PHOTO -
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MAP 105P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 537900	NORTHING 6116800	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	542 34	N5	1m	Q + L	F-24	m	m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THICK - THIN		CLIFF		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	284 ± 5°	15 ± 3		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE July 17/84	GEOLOGIST RB - GF	OUTCROP 884118	SLIDE/PHOTO -
MAP 1037/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 537950	NORTHING 6116750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTSP	592 411	NB	1m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
SHAL	mt	-	THINNLy		HILL TOP		

COMMENTS: NEED TO SEE WEATHERING

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	286/25°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04/05

DATE JULY 17/84	GEOLOGIST RB - GF	OUTCROP B84119	SLIDE/PHOTO -
MAP 102P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 538050	NORTHING 6116580	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SHALE	5YR 5/2	M3	1.5 m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	nH	-	THINLY		SPINDLES		

COMMENTS: WEATHERS INTO PLATEY SLABS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	221/34°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8408

DATE July 17/84	GEOLOGIST RB-GF	OUTCROP B84120	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 538050		NORTHING 6116100	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	N ₆	N ₄	2m		-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
SHELLS	MH	-	THIN				

COMMENTS:

- SHELLS - ALL DISARTICULATED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	0/2	24°		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 5405

DATE July 17/84	GEOLOGIST B84121	OUTCROP B84121	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 538350		NORTHING 6115650	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	N7	?	Q	FG	Sa	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THICK TO MASSIVE		HILLSIDE		

COMMENTS:

- VERY FRACTURED
- MOSTLY FLOAT ON HILLSIDE
- MILACEOUS
BOLSER

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 4/2	5YR 4/1	3m	LIT	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	THINLY		HILL TOP		

COMMENTS:

- SLATEY BREAK.

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	252/26°				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7555 84/05

DATE July 17/84	GEOLOGIST RB - GF	OUTCROP B84122	SLIDE/PHOTO -
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MAP 103 P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 538 450	NORTHING 6115350	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SHALE	N3	N4	10 m	LITH			

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	INH	-	VERY FINELY LAMINATED	HILL - TOP

COMMENTS:
- SLATE LIKE BREAKAGE
- IN PLACES BREAKS INTO SHARDS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	049/29°			

STRUCTURAL TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
122a 1/2 way down hill E 6115850
SHALE 324/26° N 538550
OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8/05

DATE July 2005	GEOLOGIST R.D.	OUTCROP 024/25	SLIDE/PHOTO -
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MAP 150	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 538500	NORTHING 6114500	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
100	M4	5/1	2m?	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MA		-	full size

COMMENTS:
 - mostly flat
 - leading
 - CR...
 - ...

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	097/35?			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
 - ...

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8/05

DATE JULY 17/84	GEOLOGIST RB - GF	OUTCROP BB4124	SLIDE/PHOTO -
MAP 103P1)	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 538200	NORTHING 6114300	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST			?				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
SHELLS	VH	FE		-		FLAT ON HILLSIDE	

COMMENTS:

- SHELLS REPLACED BY BLACK CALCITE
- NO BEDDING - OCCURS IN SLUMPS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE July 19/84	GEOLOGIST RB-AP	OUTCROP B84125	SLIDE/PHOTO ---
MAP 93 m/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 583150	NORTHING 6182250	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	5/1 6/1	5/2 6/1	?	F-Q	F.M.G.	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	-	-	-		F-0.5m		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	5/1 4/4	NS	?	-	...	Sa	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	-		F-0.5m		

COMMENTS:

SCALPARIOS VELICE 2005 PLY
 Faint annotations
 PLW. P. 17.1K 10.15 50.57, 557 185.00

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

BOWSER BEDS

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	345	75		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7665 84/08

DATE July 19/84	GEOLOGIST RB-GF	OUTCROP 884176	SLIDE/PHOTO -
MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 583100	NORTHING 6182800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	046 6/2	546 6/4	3m	LIT		S	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	Thin		SST 11-15/100		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	546 4/1	N3	2m	LIT		-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	Thin		SST 11-15/100		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
	0315/58 0315/64					
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>July 19/88</i>	GEOLOGIST <i>RB GF</i>	OUTCROP <i>B84127</i>	SLIDE/PHOTO -
MAP <i>93M/D</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>583000</i>		NORTHING <i>6183150</i>	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>slts</i>	<i>10/2</i>	<i>5/4</i>	<i>2m</i>	<i>mf</i>	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	<i>mf</i>	<i>2m</i>	<i>mf</i>	<i>Horizontal</i>			

COMMENTS: *of un-bleached and bleached*

(general description of the outcrop is given in the field notes)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE July 17/84	GEOLOGIST RB-GF	OUTCROP BB4128	SLIDE/PHOTO -
MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 582950	NORTHING 6183300	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	55R 51Z	54R 611	2m?	LITH - FG Q		5a	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
PELLETS POD	MH	-	10 SHELL AL SS SHELL REL		FLAT		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	126	37°	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7665 8405

DATE July 19/80	GEOLOGIST RB - GF	OUTCROP D84/29	SLIDE/PHOTO -
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MAP 93M/13	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 582600	NORTHING 6183500	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	1042 6/2	59 0/1	5.11		MG	5r	M7
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THICK - MED.		PLANAR SURF. 1/200		

COMMENTS: Blocky to fine grained

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	1/5/44'			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July	GEOLOGIST LB AF	OUTCROP B84130	SLIDE/PHOTO -
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MAP	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 582400	NORTHING 6183700	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ST	5YR 8/1	N5	2m
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
PF	...	-		

COMMENTS: some small ... like cherty ...

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	122/51°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 84/05

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE July 11/84	GEOLOGIST RB-GF	OUTCROP 884131	SLIDE/PHOTO -
MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 582300		NORTHING 6184150	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ST	10YR 6/2	7.5	2m	0- CHERT	FG	Sa	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THIN-MED		HILLTOP		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 3/2	5.5 W	1m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	THIN		HILLTOP		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.	
	223/26-9					
	169/32					
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/03

DATE July 19/84	GEOLOGIST RB GF	OUTCROP B84132	SLIDE/PHOTO -
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MAP 93m/13	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 581850	NORTHING 6184700	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10-12	N5	2m				
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			
-	Y-10-	-	Tr. n)	R. 20			

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	132	46°	

FOLDS TYPE TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 7/84	GEOLOGIST RB, JS	OUTCROP BB4001	SLIDE/PHOTO —
MAP 103.5/0	AERIAL PHOTO	SAMPLE(S) —	
EASTING 317250		NORTHING 6048800	ELEVATION

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 4/2	7.5P/1 NS	20m	VOLC.	MED.	S.A.	MOD.
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
—	VERY hard	—		—		FLOAT FROM CLIP	

COMMENTS:
Accompanying part of volc. derived cobbles - poorly sorted in SST matrix as described.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 7/84	GEOLOGIST RB, JS	OUTCROP B8700 2	SLIDE/PHOTO R1 32
MAP 105 J/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 516850	NORTHING 6048200	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SHALE	5J4/1	N3	3m	volc?	vvf	?	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VVH	-	↓		Redcut 10m		

COMMENTS: Grades upwards into interbeds of sst and shale

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5J8/1	N6	4m	volc	FG	MA	N
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WSD FOSIL	VVH	-	interbedded in places with underlying shale		Redcut		

COMMENTS: impression

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	No reliable data	massive for the most part		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: 065 / 26° NW

DWSEER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 04-03

DATE <i>JUNE 7/84</i>	GEOLOGIST <i>RB. JS</i>	OUTCROP <i>B84003</i>	SLIDE/PHOTO -
MAP <i>1031/6</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>517150</i>	NORTHING <i>6052600</i>	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SST</i>							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: *SAME DESCRIPTION AS B4001
MASSIVE - NO BEDDING SEEN*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8/05

DATE 03/20/04	GEOLOGIST RD-TP	OUTCROP E384191	SLIDE/PHOTO -
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MAP 034/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 522025	NORTHING 6088475	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	12	12	4m	1.5	FG	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
WOOD	12			- L

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	0-10	0-20	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 54/03

DATE JUNE 7/84	GEOLOGIST JS, RB	OUTCROP B94004	SLIDE/PHOTO -
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MAP 103J/13	AERIAL PHOTO	SAMPLE(S) -
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EASTING 516850	NORTHING 6053150	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST			2m	CLEAN V.L.C. + LITH			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
			BEDDING GRAINS, 12" NAT. SOME X-BEDS		N 10m		

COMMENTS: AS LAST STATION LONG

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	135/67-45 NE			

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 8/84	GEOLOGIST RB, JS	OUTCROP BB4005	SLIDE/PHOTO -
MAP 103 J/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING		NORTHING	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	SAJ 8/1	5/1 5/1	20m	CHERT	COARSE SAND	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	VVH	-	FABRIC BAND IN SST			Rough cut 100m	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CONGL	SAJ 8/1	MULTI-COLOURED GRAVEL	3-5m	CHERT	PEB	W	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	VVH	-	-			Rough cut	

COMMENTS: SIMILAR TO FLUVIAL CONGL OF MUCKAKOO

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	184/50° E 188/51° E			-
TYPE	FOLOS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

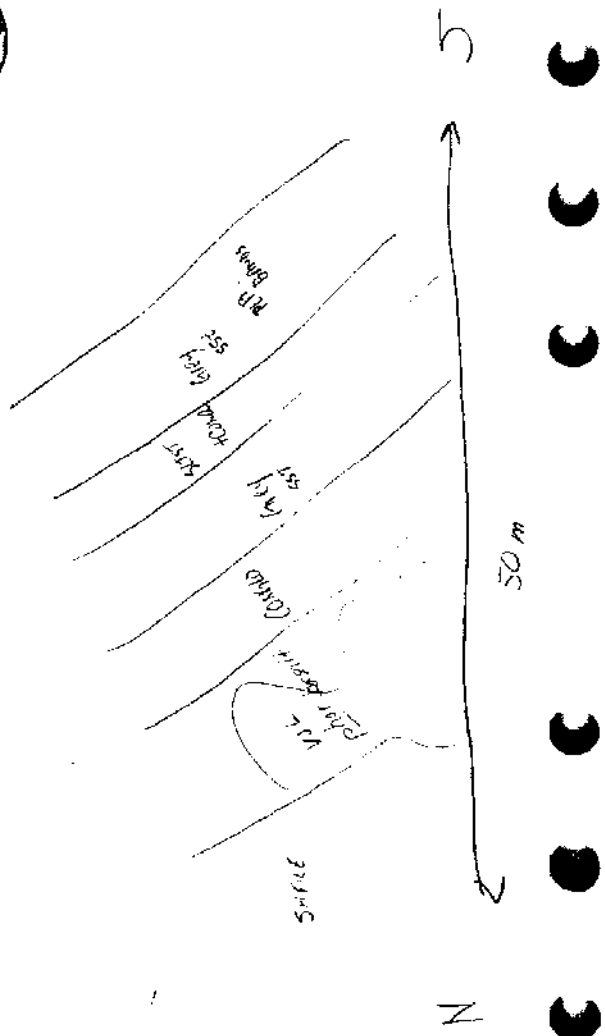
COMMENTS:

BOWSER



OUTCROP SKETCH (OVER)

2



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8406

DATE JUNE 8/84	GEOLOGIST SS, RB	OUTCROP BB/005	SLIDE/PHOTO -
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MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 509500	NORTHING 6072900	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SHALE	10YR 5/4	R4	15m		VV FQ SILT.	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VVH SIMULIFIED	-	MASSIVE	ROADCUT

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
					med.		

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8403

DATE JUNE 8/04	GEOLOGIST JS, RB	OUTCROP BB4006	SLIDE/PHOTO -
MAP 103I/5	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 506750	NORTHING 6082100	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MSST 20	104R 514	NK	?	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	MN	SLOWLY		-		NAT.	

COMMENTS: VERY FISSILE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ST 12	22C 312	534	?	-	MED GRAIN.	A	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	MN			-		NAT	

COMMENTS: (6R) DEEPER 3 2 35 2 1 2
11266 11111

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
CARB SHALES	N ₁	N ₁		<1m	SMALL ULTRAFINE	SST	SST

COMMENTS: SPINDLES

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	168 80° E		
TYPE	FOLDS TREND PLUNGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE JUNE 8/94	GEOLOGIST JS, RB	OUTCROP BB4007	SLIDE/PHOTO R1 53
MAP 103I/15	AERIAL PHOTO —	SAMPLE(S) —	
EASTING 507000		NORTHING 6083050	ELEVATION —

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	1042 6/6	N1	5m	—	—	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
COALY WOOD FRAGS	MH	FE		—		ROAD CUT	

COMMENTS: VERY FISSILE - BREAKS INTO
LONG → 10cm x 2m x 2cm
LENGTHS. - SHEAR SURFACES ON
MDST.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	1042 5/4	N4	2m	LITH	FG	—	—
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
SOME PLANT- FWS	VH	FE		—		ROAD CUT	

COMMENTS: MUCH THE SAME AS 006

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	038/10°W	—	—

TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	SMALL WARP IN o/c		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE JUNE 8/84	GEOLOGIST J.S./R.B.	OUTCROP B84008	SLIDE/PHOTO R1 S4
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 504 550		NORTHING 6082 950	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mst.	10YR 6/6	N1	10m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
wood frags	VVH (silicified)	Fe		-		Roadcut	

COMMENTS:

- same as before
- not fissile
- wood fragments (carbonized)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
sst	5YR 4/1	N5		Lith	med	SA	Well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
		Fe		-		Roadcut	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	060, 50°W			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 8/84	GEOLOGIST J.S./R.B.	OUTCROP 684009	SLICE PHOTO ①
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 500 250		NORTHING 6084750	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst	10YR 6/10	N1		-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
carb. plant frags	MH	Fe	- Incomplete laminations (thin) - trace			rock out	

COMMENTS:
- friable (brittle)
- underlies the rd.
- very fine silt. air blingere

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
sst	10YR 7/4	5Y 6/1	3m.	lith	vfs	-	well
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-		Fe				rock out	

COMMENTS:
- w/ interbeds of fine sand + dark laminations

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS: THIN BITUMIN STRINGERS ~1m SECTION

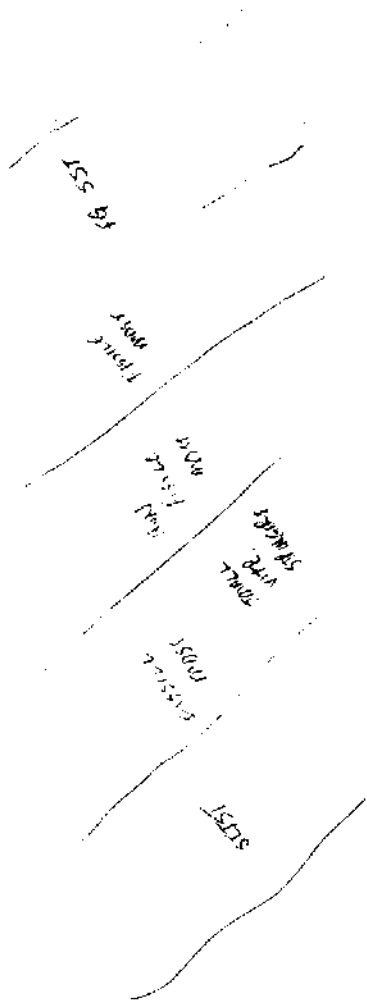
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	048, 64W			
FOLDS TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER →

OUTCROP SKETCH (OVER)

②

LARVAE REASCUT



RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8408

DATE JUNE 8/84	GEOLOGIST JS - RB	OUTCROP 884009	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 508250		NORTHING 6084750	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	10YR 5/4	N3		LITH	-	-	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	FE	SMALL LITH & MDS		RAD CUT		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
FOLDS TREND PLUNGE		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 24/05

DATE JUNE 8/84	GEOLOGIST JS/RB	OUTCROP 58401A	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 506850		NORTHING 6087750	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSC	10yr 6/2	N6	4m.	lith	f-m	A.	mod
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	H	Fc		- 5m. laminations		roadcut	

COMMENTS: - upper 1/2 bedded with medium to coarse grained (overlies mdst.)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mud st.	10yr 7/4	N3	-	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	H			- massive		roadcut	

COMMENTS: -

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	340, 45 W		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

2

m.g.
sol

model

g.
sol



**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE JUNE 8/84	GEOLOGIST J.S. RB	OUTCROP 584011	SLIDE/PHOTO -
MAP 103 E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 506500		NORTHING 6688200	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ssl	10yr 6/2	N5		lith	f	SA	W
FOSSILS - wood (early)	INDURATION H	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES - mudstone wispily laminations		OUTCROP TYPE/SIZE roadcut		

COMMENTS: - whole outcrop 50 m. (including coarser sst + mudst.)
- coarser grained sst - A + P, sorted

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
mud st.	5yr 4/1	N4	10m,	-		-	-
FOSSILS	INDURATION H	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES - thinly laminated		OUTCROP TYPE/SIZE roadcut		

COMMENTS: - fine sst laminations

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	068, 65 NW		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 (A/C)

DATE JUNE 8/84	GEOLOGIST J.S. / R.B.	OUTCROP SB4012	SLIDE/PHOTO -
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MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 506100	NORTHING 6088/50	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
s1st							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- same as last station.
(generally finer grained.)

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
mdst							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
- same as last station

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	078	80N	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/09

DATE JUNE 10/84	GEOLOGIST RB JS	OUTCROP B34013	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515 150		NORTHING 6070 750	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST	5/4	5B5/1	2m	?	VIF	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	↓		BPSO5 - SMLONG		

COMMENTS: INTERRUPTED BY APTM 15% SALS PROPH
SLIGHTLY METAMOR. - RESEMBLING RECONNAISSANCE
DUSCH

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN 2		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISK.
	070			
	076/24°N			

FOLDS TYPE	TREND		PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION
	TREND	PLUNGE				

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7688 84/05

DATE JUNE 10/84	GEOLOGIST RB-JS	OUTCROP B84013a	SLIDE/PHOTO -
MAP 1041/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515250	NORTHING 6071450	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
Silt	5/6/1	5/26/1	30m		mg	SP	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	-		FOLDS 300		Rocks - 20m	

COMMENTS: METAMORPHIC - PLATEAU AREA
BED. PLANES - AMPHIBOLITES ALONG
BED. PLANES - AMPHIBOLITES RECRY.
AT CONTACT OF CR. VIEWS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

BOWSER

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	050/49° N		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: 600m loc A 10N1
100/5°

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE JUNE 10/84	GEOLOGIST RB JS	OUTCROP B94 B13 B	SLIDE/PHOTO -
MAP 103T/5	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515 300	NORTHING 6072350	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: METAMORPHIC VOLCANICS - SAW SCRIPED FEATURES - PORPHYROBLASTS OF PYROXENES? LARGE - UP TO 1 CM OR MORE MICACEOUS - GNEISS. STAUROLITE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:
 → BARED BY GRANITE SILL

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:
 → BEDDING OR CLEAVAGE

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	076/11° NW		
	076/44° NW - down 300 m		
FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: SMALL FOLD
 BOWSER 3 ↑
 OUTCROP SKETCH (OVER)

2

~~5124~~
~~GENIST - POPPIORR-PSIC~~
~~INICAROUS~~



7605 8405

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE JUNE 10/84	GEOLOGIST RB JS	OUTCROP 684013a	SCALE/PHOTO -
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MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 515350	NORTHING 6072900	ELEVATION .
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: SEDS. INTRODUCED BY SILL AT LAST STATION - ABOVE GARNET LOR. & (H.W.) SEDS.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	076/15 NW		

STRUCTURAL TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

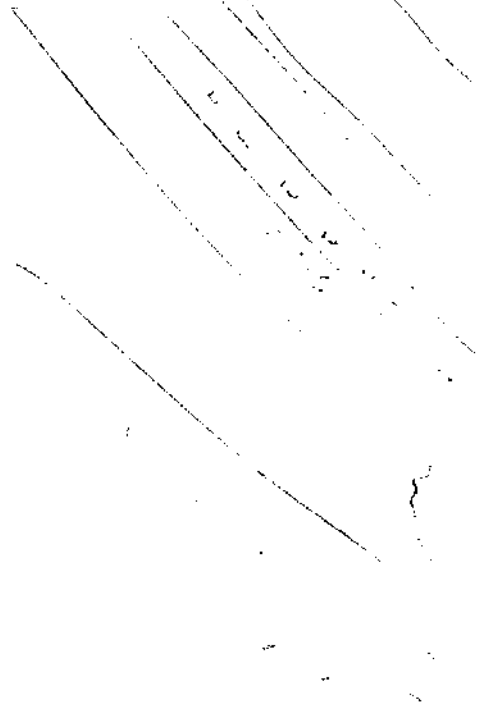
OUTCROP SKETCH (OVER)



10/15

1/11

2



10/15

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 10/84	GEOLOGIST JS-RB	OUTCROP B84014	SLIDE/PHOTO -
MAP 203 I/15	AERIAL PHOTO -	SAMPLE(S) P.Fos. SAMPLE	
EASTING 510050		NORTHING 6086700	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 4/4	N5	?	-	-	M	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
plant-carb.	MH	FE	THINLY BEDDED 2 MDST LAM.		Roadcut -20m		

COMMENTS: SA FEW WOOD FRAGS.
- does not break along
bed. planes - pseudo-friable

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	N6	?	LITH	FINE	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MED.		Roadcut		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	070/44E			
	080/40E			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: ALTERNATING LITHOLOGIES

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7888 8405

DATE June 10/87	GEOLOGIST RB-JS	OUTCROP B84014a	SLIDE/PHOTO -
MAP 7021/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 510050		NORTHING 6087250	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILE	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: AS BEFORE - THIN 2-1 mm sh. ls
ls in ss.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILE	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

200m up road

STRUCTURAL GEOLOGY	BEDDING/NO. TAKEN			FAULTS	
	MEAN	TYPE	ORIENT.	DISP.	
	012 / 26	002 / 12 NW			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24/04

DATE JUNE 10/84	GEOLOGIST JS - RB	OUTCROP 5840.5	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 570250		NORTHING 6088150	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	5Y 6/1	2m	LITH + QZ	MEB	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	-		ROADCUT		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN				FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.	
	07B/32W					
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

7885 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE		GEOLOGIST		OUTCROP		SLIDE/PHOTO	
JUNE 10/84		RB-JS		RB4015		-	
MAP		AERIAL PHOTO		SAMPLE(S)			
103I/15		-		-			
EASTING			NORTHING			ELEVATION	
510250			6088150			-	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
COMMENTS: SST AS BEFORE - WOOD FRAGS							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
COMMENTS:							
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS		
	RANGE		MEAN		TYPE	ORIENT.	DISP.
	038/34W						
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS: BOWSER							

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 10/84	GEOLOGIST JS-RB	OUTCROP B04016	SLIDE/PHOTO -
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) CARB SHALE SAMPLE	
EASTING 510500	NORTHING 6088950	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOIST	10YR 7/4	N4	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	SMALL LAMIN THOUGH NOT NUMEROUS		ROAD CUT		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
CARB SHALE	N4	N4	< 10cm	.	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD FRAGS ON BY	MH	-	MED BEDDED		ROAD CUT		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	000/64° W			
	000/50° W			
TYPE	FOLD	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		
	010/57° W			

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/08

DATE JUNE 10/84	GEOLOGIST JS-RB	OUTCROP BB017	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 509975		NORTHING 6090350	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST	SJE 4/11	N/	100 m MAX	CARBON IN PLACES	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
PEPPER LOG	VH	-	THICKLY BEDD		ROAD CUT 50 m		

COMMENTS: VIEWED THROUGHOUT BY QZ - IN PLACES OF CARBON SHALE HAS GRANITIC SHEEN

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	006/38 NW 048/30 W.		
TYPE	FOLDS TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP B84017a	SLIDE/PHOTO -
MAP 1001/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 509450		NORTHING 6090600	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 6/4	N4	10m	LITH	F5	A	M
FOSSILS SLT WOOD FRAGS	INDURATION VH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES SMALL LAMIN. OF SLTST		OUTCROP TYPE/SIZE ROADCUT		

COMMENTS: SECTION GETS SLTYER AND GETS XZEDS - DOMINT. SLTST ALSO STRIKE & DIPS CHANGE - A FEW COARSE SST INTERBEDS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5Y6/1	N4	2-3m	-	-	-	-
FOSSILS -	INDURATION MH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES -		OUTCROP TYPE/SIZE ROADCUT		

COMMENTS: SOME ZONES OF SLI. MUDST

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE, ORIENT, DISP.
	RANGE	MEAN	
	215/44 NW		
	040/47 SE - OVERTURNED		
FOLDS TYPE	TREND	PLUNGE	INTRUSIVE/VOLCANICS TYPE RELATION
		10°/00	

COMMENTS: 55/85 NW JPRIA RT - 200m up the road
BOWSER

OUTCROP SKETCH (OVER)

7685 6405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUN 11/87	GEOLOGIST RB-IP	OUTCROP BB/018	SLIDE/PHOTO -
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MAP 103I/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 512150	NORTHING 6061540 m	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 5/4	N4	5m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	FC	FINE INT. OF SFT		NAT. 2/10m		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
ST	10YR 5/4	N7	2m	LTH	MED	SFT	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
L. 1000 1200?	VVH	FC	-		NAT.		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	103/45 N				
	280/42 N				
FOLDS	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS	
	TREND	PLUNGE		TYPE	RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 24/05

DATE JUNE 14/84	GEOLOGIST RB - IP	OUTCROP 6840/8a	SLIDE/PHOTO -
MAP 103I/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 512250m		NORTHING 6061650m	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
MSST - SH	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
			TUNNELY BEDDED		NAT		

COMMENTS: AS SST BEFORE -
ALL MSST - SLATRY

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
SST	W	F	2m	LITH	FG		
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	FLAT. TH. BED		NAT.		

COMMENTS: ACROSS ROAD SMALL O/C OF VAL.
2 SANDS
MSST - LARGE O/C MED-COARSE GRAINED SST ->

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			MEAN	FAULTS	
					TYPE	ORIENT. DISP.
	115	122	121			
	280	32	41			
	120	41				
FOLDS	FOLDS		JOINTS/CLEAVAGE		INTRUSIVE/VOLCANIC	
TYPE	TREND	PLUNGE			TYPE	RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE JUNE 11/84	GEOLOGIST RB-IP	OUTCROP 18a	SLIDE/PHOTO -
MAP 103I/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 512250m	NORTHING 6061650m	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 5/6	N7- N2	2m	LITH - QZ	F-M GR	SA	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	FE	MASSIVE		NAT		

COMMENTS: MOSTLY SST IN O/C

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	280/41° N			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/05

DATE JUNE 14/84	GEOLOGIST IP-RB	OUTCROP 384019	SLIDE/PHOTO -
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MAP 103 I/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 511000m	NORTHING 6062700m	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST-SLTSY	54C 4/1	N3	1m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MA	FE	-	STREAM 2m

COMMENTS: MICACEOUS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	276°/20°N		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 24-05

DATE JUNE 11/84	GEOLOGIST RB-IP	OUTCROP 584020	SLIDE/PHOTO -
MAP 103I 10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 509020m		NORTHING 6063850m	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	52e 411	54e 411	4m	QTZ + LITH	MG	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	-		MASSIVE		KOPCUT 5m	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	360/50°E ?			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84-08

DATE JUNE 11/82	GEOLOGIST IP-RB	OUTCROP BB402A	SLIDE/PHOTO -
MAP 103I/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 512440m	NORTHING 6063560m	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	10 ⁴ R 6/2	NA	4m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	M.2	-		-		NATURAL	

COMMENTS: MICACEOUS

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	NB	NA	2m	LITH	FG	-	10
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	NA	-		THIN-THICK SINGLE BEDS.		MAY	

COMMENTS: SAME AS SLTST

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	0310/32 NE				
	0320/31 NE				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8408

DATE JUNE 11/84	GEOLOGIST RB-1P	OUTCROP B84024	SLIDE/PHOTO -
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MAP 103J/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 512450m	NORTHING 6063640m	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOST	N7	N3	3m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	THIN BED.	NAT.

COMMENTS: MICACEOUS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	230/38° NW		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE JUNE 11/84	GEOLOGIST RB-IP	OUTCROP B870 2A	SLIDE/PHOTO -
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MAP 103 I 10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 512190 m	NORTHING 6063640 m	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5y 6/1	N6	2m	OT3 LIT	EG	A	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	H	-	THICK-MED	NAT HILLSIDE

COMMENTS: MIC. ANOTHER EG SST W-5YR6/1 F-5B/71

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5y 2/2	N5	1m	LIT	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	F	-	INT. SST	NAT HILLSIDE

COMMENTS: MIC SLTST & F? SST INTERBEDDING
- CARB FOSSILS (WHOLE OF SLTST - ALTERNATING SST)

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	240/324		
	226/50 W		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

7555 84/05

OUTCROP DESCRIPTION FORM

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP BB4023	SLIDE/PHOTO -
MAP 103 I/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 509950	NORTHING 6090750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5/2	N4	1m	LITH	FG	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		STR 1/10 ~ 50m		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5/2	N3	1m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		STR 1/10		

COMMENTS: MASSIVE SST AND SLTST ARE BEDDED IN CONTACT WITH VOL. LOOKING ROCK (CAL PERHAPS LINT)

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	055/39 NW			
	2/5/70			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 B4/05

DATE JUNE 13/84	GEOLOGIST RB-1P	OUTCROP BB4024	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 509950	NORTHING 6090850	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR 4/1	N4	20m	LTA	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
WOOD	VH	-	FINE LAM. OF SLTST		ROAD CUT 20m LONG		

COMMENTS: AS BEFORE - SLTYER + LOS FRINGS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	215/85 NW			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-03

DATE JUNE 13/84	GEOLOGIST RB-1P	OUTCROP BB4025	SLIDE/PHOTO R1 37
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 510100	NORTHING 6091500	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	NB	N6	15-20 m	LITH. ATZ	FG	A	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	VH THIN LAM. SURFACES	CALCITE MINERALS	SMALL INT. OF FG SETS THAT WERE REST BLENDED			NAT. HILLSIDE	

COMMENTS: ALL SST STUCK OUT - 1/2 WHICH CALIC. SOME SOUR SURFACE S. SYMMETRICAL RIPPLES. FINEY LAMINATED IN GREYS - SOME SETS RIPPLES.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL	INTERVAL	COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	010/20E 355/25E		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

CONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 8405

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP 8840 252	SLIDE/PHOTO R1 S18
MAP 103I 15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 510150		NORTHING 6091650	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	103K 2/4	N4	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	JH	-	sym. RIPPLES & LAMINATIONS		ROAD CUT 2m		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS		
	RANGE	MEAN	TYPE	ORIENT. DISP.	
	110/24° E				
	14/23° E				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 04/05

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP 38400296	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 510300		NORTHING 6091950	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	N8	N6	75m	LITH	F-M	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	-		THIN LAMINATION OF SLTST		NATURAL HILLSIDE	

COMMENTS: SAME AS 24 SITS ABOVE 28a

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	BEAN	MEAN	
	355/24 E	000/43 E	
	354/26 E	355/13	
	350/24 E		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8408

DATE JUNE 13/84	GEOLOGIST RB-1P	OUTCROP B84026	SLIDE/PHOTO -
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 511150		NORTHING 6092300	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	N	NS	2m	LIM- Q.2	FG	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	MH	QUARTZ J. TENING		NO BEDDING		NATURAL	

COMMENTS: LIKE 25 THOUGH NOT MANY LAM.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84-05

DATE JUNE 13/84	GEOLOGIST RB -IP	OUTCROP B84026a	SLIDE/PHOTO -
MAP 103I/P	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 511000	NORTHING 6092450	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	1042 5/4	54 6/1	2m	Q	V. Coarse	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	INT. SLTSTS		ROAD CUT		

COMMENTS: SITTING ON TOP OF SLTST MINOR LITH

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	54 4/1	N4	1m	Q+ LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	-		ROAD CUT		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	040/30 SE	-	SMALL NOR. ~ 5cm FAULT.
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 94/08

DATE JUNE 13/84	GEOLOGIST EB - IP	OUTCROP 684027	SLIDE/PHOTO R1 S17
MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) WOOD FOSSIL	
EASTING 511500	NORTHING 6092750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
GST	5/2 5/6	N4	2m	LITH + Q	Med	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
CARB. WOOD	MH	FE	SMALL LAM. LITZISIST		ROBDCUT		

COMMENTS: CALCITE VEINING - SLICKENSIDES

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:
BOWSER

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	22m	145°N		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:
D40/80 SE - overthrust?
right way up 100 m down

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP B84028	SLIDE/PHOTO F1-520
MAP 103E/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 511600	NORTHING 6092900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	105R 7/4	53R 6/1	25m	CHERT QTE	CA	SR	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
WOOD IMP.	VH	FR IRD		-		ROADCUT	

COMMENTS: ON BEDDING SURFACES
CALCITE VEINING

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	N2	N2	2m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	-		-		ROAD	

COMMENTS: AS BEFORE - BLKK FG

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	035	80°SE	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE JUNE 12/84	GEOLOGIST RB-1P	OUTCROP BB4029	SLIDE/PHOTO R1 S27
MAP 103I/5	AERIAL PHOTO -	SAMPLE(S) BB4029(COAL)	
EASTING 511650	NORTHING 6092950	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
UT.	N2	N2	?	?	BRIGHT CALCITE	ST	SST

COMMENTS:

VIENS

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	SEE NEXT	PAGE	TRUST ?

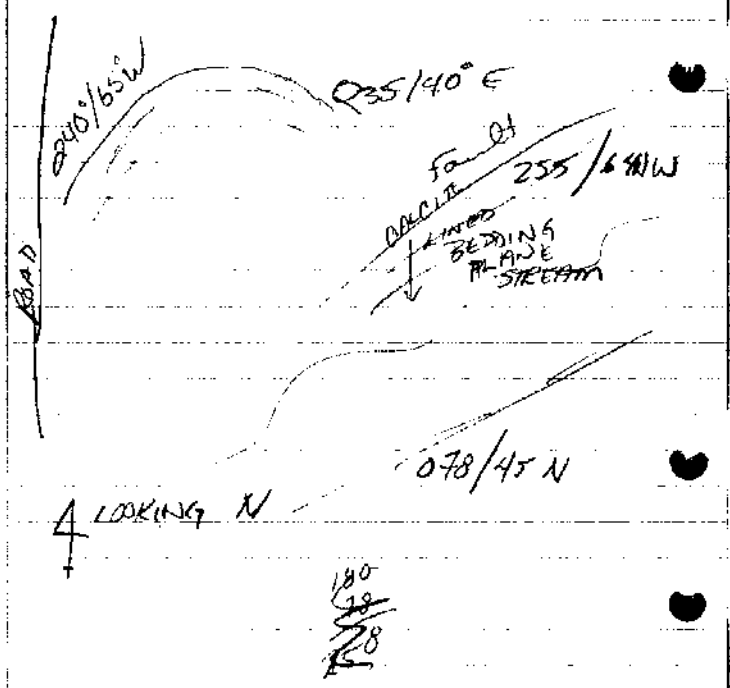
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
DRAG	SEE	MAP	-	-

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

Almond Hill - reach
Fishing hole etc.
LINE CODE



7685 8408

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

DATE JUN 13/84	GEOLOGIST RB-1P	OUTCROP B84030	SLID/PHOTO -
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MAP 103I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 5 11700	NORTHING 609 3050	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: SAME - STRUCTURE STATION
(SILTY) FLINT FOSSILS GRASSY - PNEY

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	030/62 SE		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS: BOWSER

OUTCROP SKETCH (OVER)

2

31 STREET



ROAD

OC 30

030/62 S ~~W~~

045/86 E

255/45 NW

270/32 N

OC 29

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/03

DATE JUNE 13 84	GEOLOGIST RB-IP	OUTCROP 884031	SLIDE/PHOTO -
MAP 103 I/15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 511800		NORTHING 6093250	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YF 4H	N2	2M	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
PLANT CARBY	VH	-	FOSSILS ON BED. THIN ?		STREAM		

COMMENTS: STRINGERS IN FLOAT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YF 4H	NK	8M	GRE	M-C	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	PYRITE	BANDING?		STREAM		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	200/116W			
	200/274			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84-05

DATE JUNE 13/84	GEOLOGIST RB-IP	OUTCROP BB4032	SLIDE/PHOTO -
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MAP 108I/15	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 512400	NORTHING 6093800	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
ST	5YR 4/1	N4	4m	LIT	MED	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
WOOD	NH	-	THICK	ROAD

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	5YR 4/1	N4	2m	?	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	NH	-	SMALL 1cm	ROAD

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	199/26 W 330/50 ?		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

39.7 k

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE June 15/04	GEOLOGIST RB-IP	OUTCROP B84033	SLIDE/PHOTO -
MAP 103 P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 514150	NORTHING 6025450	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5y 6/1	N7	2m	Q+L	FG	SA	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
CARB WOOD	MH	FE	MED. BEDDING		ROAD CUT SW		

COMMENTS: INTERBEDDED SLT ST - SST ALONG CUT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLT ST	5yR 5/6	NW	M	LIT			
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	THIN - MED		ROAD		

COMMENTS: INTERRUPTED BY SMALL SPOTS WITH VERY FINE SAND

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	235/35° W			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

40.5

7685 8405

DATE JUNE 15/84	GEOLOGIST RB-IP	OUTCROP B84034	SLIDE/PHOTO -
MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 514250	NORTHING 6095000	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5YR 3/4	N5	5-10 TOTAL	LITH	F6- MG	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD	MH	-	X-BEDS THIN BED		NAT. HILLSIDE		

COMMENTS: FINELY LAMIN. τ SLTST ~200m

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	5YR 3/4	N2	5-10m TOTAL	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	AS ABOVE		NAT HILL		

COMMENTS: FINELY LAM. τ SST

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	050/30 030/15	090/30°	
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7665 24/05

DATE JUNE 15/84	GEOLOGIST RB-1D	OUTCROP B84035	SLIDE/PHOTO -
MAP 1037D 15	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 514150		NORTHING 6094800	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: CALCITE VEININGS -> INFO AS BEFORE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN				FAULTS	
	RANGE		MEAN		TYPE	ORIENT. DISP.
	032/35°					
	030/40°					
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION	

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

419

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE JUNE 15/84	GEOLOGIST RB-IP	OUTCROP B84036	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 514650	NORTHING 6095950	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 3/4	5YR 4/1	2m	LTH	FG	SP	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	MH	-	MED BEDD.			STREAM ~ 5m	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	035/15			
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

42.5

7885 84/05

DATE JUNE 15/84	GEOLOGIST RB-IP	OUTCROP BB4037	SLIDE/PHOTO -
MAP 03P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 514700		NORTHING 6096400	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	5YR 5/2	1N5	3m	HTH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	THICK WITH FINE SST		Rounded		

COMMENTS:

Lamin. - MASSIVE IN PLACES

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	023/25	010/42		
	DOWN ROAD ~ 50m			
TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
			SLICKS	

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 6A/03

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 15/84	RB-1P	B8403B	-

MAP	AERIAL PHOTO	SAMPLE(S)
103J/15	-	-

EASTING	NORTHING	ELEVATION
514600	6096550	-

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5YR	1.5	2m	LITH	-	-	-
	5/6						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	S-MH	FE		THIN.		ROAD CUT	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	285/20	?	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8/05

DATE JUNE 15/84	GEOLOGIST RB-1P	OUTCROP B04039	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 515050	NORTHING 6096500	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	5YR 4/4	N5	10m	LIT	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
WOOD	MH	Fe	MASSIVE-THIN	ROAD CUT

COMMENTS:
SOME LAM. TO ...
SST

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	210/82	right side up	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

43.9

7888 84/05

DATE June 15/84	GEOLOGIST RB-IP	OUTCROP 584039a	SLIDE/PHOTO -
MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515850	NORTHING 6096350	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	54C 4LL	N4	?	LITH	FG	A	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOODS DET-CARB	MH	-	MASSIVE		ROADCUT		

COMMENTS: → ASSOC. WITH C-TOMED G SST

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	22A	MASSIVE	
FOLDS TYPE TREND	325	66°	
	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: Bowser (up ROAD) 125 30

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 SA/05

DATE JUNE 15/64	GEOLOGIST RB-1P	OUTCROP B04040	SLIDE/PHOTO -
MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 515400	NORTHING 6096750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	7P6	N3	100m	LTN FE		A	12
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD	MH	-	THIN		ROAD		

COMMENTS: INT. C FB SSI

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	5Y1	N3	100m	LTN	-	-	-
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
WOOD	MH	-	THIN		ROAD		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	360 342/66			
TYPE	FOLDS TREND	FOLDS PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
		035/66		

COMMENTS: 165/20
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

49.0

7885 84-05

DATE JUNE 15/84	GEOLOGIST RB -IP	OUTCROP B84041	SLIDE/PHOTO -
MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 512500	NORTHING 6095000	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5YR 4/1	1/7		LITH	CG	SR	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		ROAD CUT		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	045/55	poor reading		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 84/05

DATE JUNE 15/84	GEOLOGIST RB-IP	OUTCROP B84042	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 512200	NORTHING 6095300	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	10YR 6/2	N3	4m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	FINE 18.101TH FG SANDS	ROAD

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SSS	10YR 6/2	N9	5m	L-4-FA	5FA		N

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	VH	-	AS ABOVE	ROAD

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	187/50°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

51.2

7685 04/05

DATE JUNE 15/84	GEOLOGIST RB - IP	OUTCROP BB2043	SLIDE/PHOTO -
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MAP 103P/2	AERIAL PHOTO -	SAMPLE(S) - 438 Parc
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EASTING 512 200	NORTHING 6094800	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST. MDSF	10Y6	N3	3M	LTH	=	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	VH	FE	SAMPLE BB2043	ROAD CUT

COMMENTS: FE CONC.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	030/85°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: BOWSER AT 51.7 E 43a 195/320 →
 51.9 → 035/62
 52.0 → 215/82
 OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM 12.7

7885 04/05

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP B04044	SLIDE/PHOTO -
MAP 103P)8	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 554750	NORTHING 6139800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	104R 6/2	NY	3m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	SOFF	-		A FEW REST. BED OF MUDST ~ 5cm		ROAD CUT	

COMMENTS:
ALTHOUGH OIL GENERALLY VERY HARDLY WEATHERED

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
	175/45°	SOUTH - CLEAVAGE OR BED.		
	035/02°	NORTH - FLAT		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOLSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

17.7

7885 8405

DATE JUNE 20/84	GEOLOGIST RB JS	OUTCROP B840 45	SLIDE/PHOTO -
MAP 103P/B	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 551700	NORTHING 6143350	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	RY2 S14	NS	20m	LITH	MG	A	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	CALCITE VEINING		-		ROADCUT	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: AS STATION 4f

EQAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN		
45a	340/47°	200 M NORTH		
TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

18.2

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP 684046	SLIDE/PHOTO -
MAP 1037/B	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 551350		NORTHING 6143000	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST 90% 4/4	5/2	N5	3m	LITH + Q	M-F	A	M
FOSSILS -	INDURATION VH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES IB Z MOST -THICKLEY		OUTCROP TYPE/SIZE ROADCUT		

COMMENTS:
MOST RIPUPS IN SST.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MOST 100% 100%	5/2	N2	1m	LITH	-	-	-
FOSSILS ?	INDURATION MH	ACCESSORY MIN./STAINING -	BEDDING/SED. FEATURES THINLY BED.		OUTCROP TYPE/SIZE ROADCUT		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	130/10°		

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

24.0

7885 84/05

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP B84047	SLIDE/PHOTO -
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MAP 103 P/B	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 547600	NORTHING 6148100	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST 75%							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
BOTH AS LAST o/c

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOST 25%							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	230/20°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

30.5

7885 8A/03

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP 884048	SLIDE/PHOTO -
MAP 103 P/8	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 543900	NORTHING 6153450	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	10YR 6/2	NS	1m	Q+ LITH	M- F	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	FE	THICKLY BED.		ROADCUT		

COMMENTS: JLSST-MDET RIPUPS!

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	098/25°	FLATNESS	Norward

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

7885 6405

RECONNAISSANCE
OUTCROP DESCRIPTION FORM 32.2

DATE JUNE 20/84		GEOLOGIST RB-JS		OUTCROP 784048a		SLIDE/PHOTO -	
MAP 1037/9		AERIAL PHOTO -		SAMPLE(S) -			
EASTING 542650			NORTHING 6154600			ELEVATION -	
GEOLOGY							
MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
COMMENTS: AG STATION 48							
MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
COMMENTS:							
COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
COMMENTS:							
STRUCTURAL GEOLOGY	BEDDING No. TAKEN				FAULTS		
	RANGE		MEAN		TYPE ORIENT. DISP.		
020/10							
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION		
COMMENTS: BOWSER							

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM 45.9**

7685 84/06

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP B84049	SLIDE/PHOTO -
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MAP 103P/B	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 533750	NORTHING 6159600	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
most	5/2 7/2	N3	5m	-	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	FL-MH	-	THINLY	ROADCUT

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	166/42°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

50.8

7685 84-05

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP BB4050	SLIDE/PHOTO -
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MAP 103P/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 529550	NORTHING 6160900	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	54R F12	N3	?	LTH	FA	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VA	-	MASSIVE	ROADCUT

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

51.5

7885 8408

DATE June 20/84	GEOLOGIST PB-JS	OUTCROP B84050a	SLIDE/PHOTO -
MAP 103P/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 528900		NORTHING 6160300	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	1046 6/2	N7	5m	Q + LITH	FG	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	THICKLY BED		ROAD CUT		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	130/43° ?		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

57.5

7885 84/05

DATE Jan 20/87	GEOLOGIST RB-JS	OUTCROP B84051	SLIDE/PHOTO -
MAP 7037/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 525150	NORTHING 6159650	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5/2 2/2	N4	?	LITH	FG	?	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	NH	-	MASSIVE		ROAD CUT		

COMMENTS: MICACEOUS

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MDST	4/1 6/1	N3	?	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	FR.A.	-	MASSIVE TO		ROAD CUT		

COMMENTS: 1 THIN BED WHICH BREAKS EASILY

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

SB.3

7685 04/05

DATE JUNE 10/84	GEOLOGIST RB-JS	OUTCROP B84052	SLIDE/PHOTO -
MAP 103P/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 524900	NORTHING 6160600	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MOST SLTST	5/2	1/2	5m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MED. BED		ROADCUT		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	125/35°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

59.1

7685 6405	DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP BB4052a	SLIDE/PHOTO -
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MAP 103P/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 524750	NORTHING 6161450	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:
SAME AS PREVIOUS STATION (52)

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: SAME

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	090/52°		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE
OUTCROP DESCRIPTION FORM 61.2

7685 84/05

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP BB4053	SLIDE/PHOTO -
MAP 103 P/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 523750	NORTHING 6163150	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	N5	1m	LITH	FG	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
TRACE TRACES	VH	-	MED-FINE RIPPLES		ROAD		

COMMENTS: → SHELL IMPRINTS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	10YR 6/2	N3	1m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	10 FINE C		ROAD		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	125/80		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

60.0

7885 8405

DATE	GEOLOGIST	OUTCROP	SLIDE/PHOTO
JUNE 24/89	RB - JS	B84053a	-

MAP	AERIAL PHOTO	SAMPLE(S)
103P/10	-	-

EASTING	NORTHING	ELEVATION
523150	6163650	-

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: AS LAST STATION

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	100/70°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

7885 84-05

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

66.5

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP BB4054	SLIDE/PHOTO -
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MAP 1097/10	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 520350	NORTHING 6166450	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

AS BEFORE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

AS BEFORE

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	145/10°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE
OUTCROP DESCRIPTION FORM

67.1

7685 04-06

DATE June 20/04	GEOLOGIST RB-JS	OUTCROP B54054a	SLIDE/PHOTO -
MAP 103P/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 520150		NORTHING 16116.850	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: INTERBEDDED SST, SLTST & AS BEFORE STATION MDST 54

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: SHEAR ZONES WITH POLISHED BLACK SURFACES

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	115/33		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

68.2

7685 84/05

DATE JUNE 20/87	GEOLOGIST RB JS	OUTCROP BB40546	SLIDE/PHOTO -
MAP 1037/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 519600	NORTHING 6167400	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5YR 6/1	N4	10m	-	FG	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	FINELY BED		ROAD CUT		

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLSST	5YR 6/1	N3	10m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	FINELY		ROAD		

COMMENTS:

FAULT ZONE CREATING
BLACK SHEAR SURFACES

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	110/55°		
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

BOWSER

1 /

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM 69.4

7685 84/05

DATE JUNE 20/84	GEOLOGIST RB-JS	OUTCROP BB4055	SLIDE/PHOTO -
MAP 1037/10	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 519200		NORTHING 6067750	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: SAME AS BEFORE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	310/25 320/32		
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

UP ROAD 100 m 245/15°

Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM 70.9**

7685 04/05

DATE JUNE 20/04	GEOLOGIST RB-JS	OUTCROP B840 5B-56	SLIDE/PHOTO -
MAP 1037/110	AERIAL PHOTO -	SAMPLE(S) -	
EASTING	NORTHING	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS: SLATY ^{IF FINE} INTERBEDDED & FINE
MSST
GOES THROUGH A CHANGE OF SED.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
BOWSER 794 OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

75.1

7585 84/03

DATE JUNE 20/04		GEOLOGIST RB-JS		OUTCROP RB4056	SLIDE/PHOTO -
MAP 103P/10		AERIAL PHOTO -		SAMPLE(S) -	
EASTING			NORTHING		ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MD ST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: AS BEFORE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	


COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	070/45°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
 BAUSER  OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 8405

DATE June 22/84	GEOLOGIST RB-JS	OUTCROP B84057	SLIDE/PHOTO -
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MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 569850	NORTHING 6111650	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MDST	S/G S/G	NS	2m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	FR.	Fe	THINLY BED	ROAD CUT

COMMENTS: weathers into small cube-like chunks - shale property looked similar

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 M/CS

DATE JUNE 22	GEOLOGIST RB-JS	OUTCROP B84058	SLIDE/PHOTO -
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MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 587400	NORTHING 6111500	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: AS 57 - pseudo - ok.
dug by bulldozer
- no Bedding

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM 22.9**

7685 04/05

DATE JUNE 22/84	GEOLOGIST RB-JS	OUTCROP B8409	SLIDE/PHOTO -
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MAP 93M/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 564250	NORTHING 6111100	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	104R 6/2	104R 6/2	1m	LITH	FG	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	SOFT	-	THINLY BED.		ROAD CUT		

COMMENTS: CONTORTED BED. SA SMALL FOLD FAIR

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS: SKEENA?

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

259

7885 84/08

DATE June 22/84	GEOLOGIST RB-JS	OUTCROP BB4660	SLIDE/PHOTO -
MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 565900	NORTHING 6113200	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MSST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS: AS BEFORE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:
SKEENA?

OUTCROP SKETCH (OVER)

RECONNAISSANCE
OUTCROP DESCRIPTION FORM 39.3

7685 84/05

DATE J-22-84	GEOLOGIST RB-JS	OUTCROP 28406 1	SLIDE/PHOTO -
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MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 566650	NORTHING 6113800	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	10YR 8/2	5YR 6/1	1.5m	LIT	M-F	m	m

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	SOFT	-	THIN	ROAD CUT

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MSS	10YR 7/4	N3	1.5m	LIT	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	SOFT	-	THIN	ROAD

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
-							

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	BED UNSTAINABLE		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

SKEENA?

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

51.8

7885 84/05

DATE JUNE 22/84	GEOLOGIST JS-RB	OUTCROP B84062	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 562200	NORTHING 6107100	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	104R 6/2	N7	1m	LIT+ F-M	-	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	-	MED		ROAD		

COMMENTS:
IB c mudstone in ~
cm. SCALE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST	104R 6/2	NS	1m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M	-	MED		ROAD		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	287/42°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:
BOWSER

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

J210

7685 84/08

DATE JUNE 22/84	GEOLOGIST RB-JS	OUTCROP B4062a	SLIDE/PHOTO
MAP 103D/1	AERIAL PHOTO	SAMPLE(S)	
EASTING 562400	NORTHING 6107050	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10YR 6/2	5YR 6/1	2m	LITH	M	-	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	THICK		ROAD		

COMMENTS: Bowser

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
MDST							
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS: ns before

COAL LITH.	COLOUR		THICKNESS		COAL	ROOF	FLOOR
	W	F	COAL	INTERVAL	DESCRIPTION		

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	270/40°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION
	TREND	PLUNGE		

COMMENTS: Bowser

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

54.5

7685 84/08

DATE JUNE 22/84	GEOLOGIST RB - JS	OUTCROP B84063	SLIDE/PHOTO -
MAP # 93m/y	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 564800	NORTHING 6106800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	10y 6 5/4	5y 6 6/1	< 5m	LTH	F	?	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	H	-	MED		ROAD		

COMMENTS:

Bowser

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

54.6

7885 84/05

DATE June 22/84	GEOLOGIST RB-JS	OUTCROP B84063a	SLIDE/PHOTO -
MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 564900	NORTHING 6106800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5YR 4/1	N7	2m	LITH	M	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	VA	-	THICK			ROAD	

COMMENTS:

Bowser

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MDST	5YR 5/6	N5	1m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES			OUTCROP TYPE/SIZE	
-	NH	-	THICK - MED			ROAD	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	140/63°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

55.2

7685 64-09

DATE JUNE 22/84 RB-JS		GEOLOGIST	OUTCROP B8464	SLIDE/PHOTO -
MAP 93 m/4		AERIAL PHOTO -	SAMPLE(S) -	
EASTING 565500		NORTHING 6107100	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	105R 574	X7	<1m	LITH +	M	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	THICE - MASSIVE		ROAD		

COMMENTS:
BOWSER

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 64-08

DATE JUNE 26/83	GEOLOGIST RB-JS	OUTCROP BB4065	SLIDE/PHOTO -
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MAP 934/14	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 625350	NORTHING 6076350	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	B
	W	F					
S4TST	59L 4/4	-	2m	-	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VS	FE	V. THIN		HILLSIDE		

COMMENTS:
WHOLE o/c DELABLY WEATHERED
SK - RED ROSE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	B
	W	F					
SST	59R 2/4	-	2m	QA LTD	M	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	FE-Mn	THIN - MD		HILLSIDE		

COMMENTS:
A FEW CARBY STRIPES

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

66.9

7685 6/05

DATE JUNE 26/84	GEOLOGIST RB-JS	OUTCROP B84066	SLIDE/PHOTO -
MAP 93 L/14	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 626050	NORTHING 6076750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLTST	10yr 4/2	-	6m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VS	FE	THIN		ROAD		

COMMENTS:
VERY DEEPLY WEATHERED
SK - RED ROSE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS	5yr 4/6	-	4m	LM+	M-C	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
?	MH	FE	MED-THIN		ROAD		

COMMENTS:
COALY BITS - ROOTS? OR RIPUP?

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	325/56°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

67.7

7685 8408

DATE JUNE 26/81	GEOLOGIST RB-JS	OUTCROP B04067	SLIDE/PHOTO -
MAP 93 L114	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 627000	NORTHING 6076900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	5/2 6/4	1/2 8/2	2m	ARC-LITH	M	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	FE	THICK		ROAD		

COMMENTS:

OUT OF PLACE (MANGL) IS WITH
SST - SUB-R ORERT PEBBLES.
RED-ROSE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST			4m	-	F-M	?	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VS	CLAY RICH	THINLY		ROAD		

COMMENTS:

FLUVIAL

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	325/40°		
TYPE	FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7085 84-05

DATE JUNE 26/84	GEOLOGIST RB-JS	OUTCROP 882068	SLIDE/PHOTO -
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MAP 93C/14	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 627100	NORTHING 6077200	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	5Y 8/4	5YR 6/4	4-5 m	?	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			
FISH	MH	SULPH	V THIN. SED	CLIFF			

COMMENTS: 2-7 my. LAUCUSTRINE
SUSTET

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
	5YR.						
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE			

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	020/15		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

80.2

7885 8403

DATE June 26/04	GEOLOGIST RB-JS	OUTCROP B84069	SLIDE/PHOTO -
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MAP 93L/13	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 621900	NORTHING 6079250	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	10yR 5/4	10yR 6/2	2m	Q _z L.D.	M	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	SDET	-	MASSIVE		Rough		

COMMENTS:
CLAY - SK - RED ROSE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

868

7885 84/05

DATE June 26/84	GEOLOGIST RB-JS	OUTCROP 381070	SLIDE/PHOTO -
MAP 93L/14	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 617250	NORTHING 6083800	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

VOLCANIC - RED COLOUR
SK - ROCKY RIDGE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR
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COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

STRUCTURAL GEOLOGY	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TYPE			

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

90.8

7885 84-05

DATE JUNE 26/84	GEOLOGIST RB-JS	OUTCROP B84071	SLIDE/PHOTO -
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MAP 93L/14	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 615200	NORTHING 6086300	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS1	5/6 5/6	10/4 6/2	2m	LITH	M	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	FE	THICK.	ROAD

COMMENTS:
CONC. BAND
SR. - Red Rose

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	320/30°		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

95.6

7885 84-05

DATE JUNE 26/84	GEOLOGIST RB-JS	OUTCROP B84072	SLIDE/PHOTO -
MAP 93L/14	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 612200	NORTHING 6090650	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS+ 5/6	5/6	5/1	1 m	LITH	C	SA	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VA	-	THICK		ROAD		

COMMENTS:

SOME CONGL INTER. OF CHEF
& VOLC. CLASTS. SK-KITSON

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
							CREEKS
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	OUT OF PLACE		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE
			INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

180

7885 84/05

DATE JUNE 26/84	GEOLOGIST RE-JS	OUTCROP BB4073	SLIDE/PHOTO -
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MAP 93L/14	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 607350	NORTHING 6089400	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	104R 272	104R 272	4m	LITH	F3	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
SHELLS BELG	MH	-	THICK	20m

COMMENTS:
 FOSSILIFEROUS SST
 BLACKY IMPRESSION.
 DEATH ASSEMBLAGE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	115/30		

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:
 BOUSER

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE June 26/84	GEOLOGIST RB - JS	OUTCROP 384074	SLIDE/PHOTO -
MAP 932/14	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 550750	NORTHING 6119900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	592 611	N6	2m	LTH	FG	?	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M L	-	THIN		CLIFF		

COMMENTS: MAP 932/14 S.S. 550750 6119900

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.	
	RANGE	MEAN		
	247 / 43°	41/29		
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7585 84/08

DATE June 30/84	GEOLOGIST RB-JS	OUTCROP B84075	SLIDE/PHOTO -
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MAP 103 P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 550650	NORTHING 6120050	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	104E 7/4	N6	2m	LIT+	Coarse	SR	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	mt	-	massive to thickly		CLIFF face		

COMMENTS: fluvial

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

FOLDS TYPE TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP B84076	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 550950	NORTHING 619750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
MSST	10y2 5/4	N13	2.5m	LTH	-	-	-
FOSSILS -	INDURATION MH	ACCESSORY MIN./STAINING -	BEDDING/BED. FEATURES MASSIVE		OUTCROP TYPE/SIZE RIDGE		

COMMENTS: Succession of dominantly fine grained ss(s) some orange in colour

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	050/15°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84-08

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP B84077	SLIDE/PHOTO -
MAP 103 P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 551050	NORTHING 6119650	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	1092 5/4	N3	2M	WH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	M11		THINNING BEDDING		RIDGE		

COMMENTS: SMALL MDST 105 WHICH ARE SLIGHTLY MORE RESISTANT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	085/45°		

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/09

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP B84078	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 551200	NORTHING 6119500	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	54R 4/1	"	2m	LIT	MG	SA	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		RIDGE		

COMMENTS: SMALL BKS OF SLET

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	075/40				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: Down Hill 100m 0/15°

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7555 84-05

DATE JUL 30/84	GEOLOGIST RB-JS	OUTCROP B84079	SLIDE/PHOTO -
MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 551400	NORTHING 6119750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	5YR 4/1	5YR 6/1	1m	HTH	M-F	SHT	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	MASSIVE		RIDGE		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	315	30		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE June 30/84	GEOLOGIST RD-JS	OUTCROP BB40 80	SLIDE/PHOTO -
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MAP 103 P 1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 551850	NORTHING 6119850	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS+T	JYR 3/4	NY	3m	LITH	FG	SA	M

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	FINELY IB-	RIDGE

COMMENTS:

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	0 to 10	vert.	

FOLOS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/08

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP DB428	SLIDE/PHOTO -
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MAP 103P/1	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 552100	NORTHING 6119950	ELEVATION
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SS							

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS: is before FINE B WITH IN 25"

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	350	25°	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 SA/00

DATE June 30/84	GEOLOGIST RB-JS	OUTCROP B04082	SLIDE/PHOTO -
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MAP 103P/1	AERIAL PHOTO	SAMPLE(S) -
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EASTING 552300	NORTHING 6120100	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	54	N7	2m	LITH FELDS	C	A	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		Block		

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7655 84/05

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP 884083	SLIDE/PHOTO -
MAP 103 P 1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 552600	NORTHING 6120400	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	104R	Nb	4m	-	-	-	-
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	THICKLY BED.		CLIFF		

COMMENTS: CUBE FRACTURE.

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	DURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	075	25°	

FOLDS TYPE	TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE	RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE JUNE 30/84	GEOLOGIST RB-JS	OUTCROP BB4084	SLIDE/PHOTO -
MAP 1037/1	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 552850		NORTHING 6120650	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	AB	1042 672	1m	LH	C.	S	P
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	SILTST. RIPUPS		RIDGE		

COMMENTS:
BEACH-TYPE

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 84/03

DATE July 2/84	GEOLOGIST RB JS	OUTCROP B84085	SLIDE/PHOTO -
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MAP 93M/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 565300	NORTHING 6100950	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	N4-5	N3	-	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	MH	-	-	-

COMMENTS: BROKEN RUBBLE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE July 2/84	GEOLOGIST RB-VT	OUTCROP B84086	SLIDE/PHOTO -
MAP 93M/4	AERIAL PHOTO -	SAMPLE(S)	
EASTING 566050	NORTHING 6099600	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST	GREY BROWN	N6	2m	LITH	MG	SA	M
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	MASSIVE		CLIFF		

COMMENTS: SOME CONCRETIONARY BEDS. ORANGE IN COLOUR.

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	190/25°		

FOLDS TREND PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS: RIGID TREND = TREND OF BEDDING.

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8405

DATE July 2/84	GEOLOGIST VT - RB	OUTCROP B84087	SLIDE/PHOTO -
MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 565050	NORTHING 6099100	ELEVATION	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	LT BROWN	LT GRN	2m	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	MH	-	-		CLIFF		

COMMENTS: MASSIVE - HACKY FRACTURE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	

TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 8/05

DATE July 2/84	GEOLOGIST VT-RB	OUTCROP B840 88	SLIDE/PHOTO -
MAP 93 m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 565800	NORTHING 6098750	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SLSST	GR	Grey	N4	2m	LIT	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	
-	VH	-		MASSIVE		CLIFF	

COMMENTS: *HARRY FRACTURE*

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
FOSSILS	INDURATION	ACCESSORY MIN./STAINING		BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	050°/07°			

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7685 SA-08

DATE July 2/84	GEOLOGIST RB-VT	OUTCROP 884089	SLIDE/PHOTO -
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MAP 93 m/4	AERIAL PHOTO	SAMPLE(S) -
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EASTING 566250	NORTHING 6098800	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTST	BR	NH	1m	LITH	-	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
SHELLS	VH	-	-	CLIFF

COMMENTS: MASSIVE BUT VERY HACKY FRACTURE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	290/20°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

7885 24.02 **OUTCROP DESCRIPTION FORM**

DATE July 2/84	GEOLOGIST VT-RB	OUTCROP 884090	SLIDE/PHOTO -
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MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 566950	NORTHING 6098850	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S
SST- SLTST	Rusty blow	N5	1.5m	LTH	FG	-	W

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VVH	Fe	MASSIVE	RIDGE

COMMENTS: A FEW FINE WISPY DARK PATCHES

MINOR LITH.	COLOUR W F		THICK	COMP.	GRAIN SIZE	R	S

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR W F		THICKNESS COAL INTERVAL		COAL DESCRIPTION	ROOF	FLOOR

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS TYPE ORIENT. DISP.
	RANGE	MEAN	
	250/20°		

FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/05

DATE <i>July 2/84</i>	GEOLOGIST <i>VFRB</i>	OUTCROP <i>BB4091</i>	SLIDE/PHOTO -
MAP <i>93 M/4</i>	AERIAL PHOTO -	SAMPLE(S) -	
EASTING <i>567050</i>		NORTHING <i>6098850</i>	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
<i>SLTST</i>	<i>BRIGHT OR. BR.</i>	<i>LT GR. GREY</i>	<i>2m</i>	<i>LITH</i>	-	-	-
FOSSILS -	INDURATION <i>VH</i>	ACCESSORY MIN./STAINING <i>Fe</i>	BEDDING/SED. FEATURES -		OUTCROP TYPE/SIZE <i>CLIFF</i>		

COMMENTS: *BEDDING UNOBTAINABLE ALONG RIDGE HAVE PASSED THROUGH VOLS AND SEDS*

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

FOLDS TYPE	FOLDS TREND PLUNGE		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
				<i>DIORITE SILLS</i>

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7685 8405

DATE JULY 2/84	GEOLOGIST VT-RB	OUTCROP B84092	SLIDE/PHOTO -
MAP 93 m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 567200	NORTHING 6098900	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	LTBE GREY	N3-N4	1m	LITH	FG	-	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	VVH	-	MASSIVE		CLIFF		

COMMENTS:

SILICIFIED BY VOLCANIC SILLS

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN			FAULTS	
	RANGE	MEAN	TYPE	ORIENT.	DISP.
	245/15°				
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

7685 04/05

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 2/84	GEOLOGIST VT-RB	OUTCROP B84093	SLIDE/PHOTO -
MAP 93 m/y	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 567500	NORTHING 6099000	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	DRY Rusty	N4	2m	LITH	FG	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	
-	VVH	Fe	-			CLIFF	

COMMENTS:

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES			OUTCROP TYPE/SIZE	

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

**RECONNAISSANCE
OUTCROP DESCRIPTION FORM**

7885 84/08

DATE July 2/04	GEOLOGIST RB-VF	OUTCROP 884094	SLIDE/PHOTO -
MAP 43m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 567800	NORTHING 6099100	ELEVATION -	

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	DK RUSTY BROWN	LT GREY	3m	LITH	FG	-	W
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VVH	Fe	MASSIVE		CLIFF		

COMMENTS: SPECKLED - WEATHERED COMPLETELY THRU - RED SPLOTCHES ON LT BE GREY

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS		
	RANGE	MEAN	TYPE	ORIENT. DISP.	
	330	18°			
TYPE	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE		INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 8405

DATE July 2/84	GEOLOGIST VT-RB	OUTCROP 884095	SLIDE/PHOTO -
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MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 568000	NORTHING 6099200	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SLTS	DRBE	NO FRESH	-	LITH	-	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	M/G	Fe	MASSIVE		SLUFFED		

COMMENTS: CUBIC TYPE BREAKAGE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING No. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/08

DATE July 2/84	GEOLOGIST VT-RB	OUTCROP B84096	SLIDE/PHOTO -
MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 568150		NORTHING 6099100	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SS	RED - BROWN	N7	10 m	Q	FG	?	?
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		
-	WHIT	-	IMASSIVE TO THICKLY		CLIFF		

COMMENTS: SEEM RECRYSTALLIZED TO AN LITENT

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/BED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	085	29°		

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANIC TYPE	RELATION
	TREND	PLUNGE			

COMMENTS:

OUTCROP SKETCH (OVER)

7685 8405

RECONNAISSANCE OUTCROP DESCRIPTION FORM

DATE July 2/84	GEOLOGIST RB-VT	OUTCROP B84097	SLIDE/PHOTO -
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MAP 93 m/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 568700	NORTHING 6099100	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	LT	W					
SST	Rusty BR.	LT GREY PURPLE	-	Q	FG	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	VVH	-	MASSIVE	

COMMENTS: NO BEDDING - RUBBLE HEAP ↗

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7605 84/05

DATE July 2/84	GEOLOGIST RB-VT	OUTCROP 384098	SLIDE/PHOTO -
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MAP 93M/4	AERIAL PHOTO -	SAMPLE(S) -
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EASTING 568900	NORTHING 6099000	ELEVATION -
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GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	BR-RED	N7	?	LTH	FG	-	-

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE
-	IVH	FE	MASSIVE	RIDGE

COMMENTS:

HACKY FRACTURE

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					

FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES	OUTCROP TYPE/SIZE

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.

TYPE	FOLDS		JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION
	TREND	PLUNGE		

COMMENTS:

OUTCROP SKETCH (OVER)

RECONNAISSANCE

OUTCROP DESCRIPTION FORM

7885 84/05

DATE July 2/84	GEOLOGIST RB-VT	OUTCROP 784099	SLIDE/PHOTO -
MAP 93m/4	AERIAL PHOTO -	SAMPLE(S) -	
EASTING 569100		NORTHING 6098900	ELEVATION -

GEOLOGY

MAJOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
SST	GR. BR.	N5	?	LITH	FG	-	-
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		
-	VH	-	-		RIBBLE		

COMMENTS: SPOTTED WITH BIOTITE?

MINOR LITH.	COLOUR		THICK	COMP.	GRAIN SIZE	R	S
	W	F					
FOSSILS	INDURATION	ACCESSORY MIN./STAINING	BEDDING/SED. FEATURES		OUTCROP TYPE/SIZE		

COMMENTS:

COAL LITH.	COLOUR		THICKNESS		COAL DESCRIPTION	ROOF	FLOOR
	W	F	COAL	INTERVAL			

COMMENTS:

STRUCTURAL GEOLOGY	BEDDING NO. TAKEN		FAULTS	
	RANGE	MEAN	TYPE	ORIENT. DISP.
	FOLDS TREND	PLUNGE	JOINTS/CLEAVAGE	INTRUSIVE/VOLCANICS TYPE RELATION

COMMENTS:

OUTCROP SKETCH (OVER)