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RESULTS OF ANALYSES OF ROCK SPECIMENS FROM DEVONIAN FORMATIONS, WEST-CENTRAL ELLESMERE ISLAND

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INTRODUCTION

This report tabulates the results of analyses made on a total of 936 rock specimens from Devonian formations between Cañon Fiord and Vendom Fiord, west-central Ellesmere Island. The specimens are from Cape Phillips, Imina, Eids, Red Canyon River, Vendom Fiord, Blue Fiord, Strathcona Fiord, and Hecla Bay formations and from the undifferentiated Allen Bay and Read Bay Formations. The location of the sections and sample localities is shown in Figs. 1 to 3. The present report supplements a stratigraphic report (Trettin, in press) in which the observations are summarized statistically and interpreted geologically. The rock specimens can be inspected at the Geological Survey of Canada, Institute of Sedimentary and Petroleum Geology, 3303, 33rd Street NW, Calgary, Alberta, where they are curated.

Analytical methods

X-ray diffraction analysis

Whole-rock diffractograms (for values of 2 θ in the range 0 to about 42°) were prepared for most specimens, using copper radiation. The values listed for individual minerals represent the relative height of one principal peak of that mineral as percentage of the sum of the principal peaks of all minerals identified. This value is approximately, but not precisely proportional to the abundance of the mineral. Where the peaks were truncated by the margin of the recording paper, they were projected graphically onto an additional sheet. Analyses containing extrapolated values have been incorporated in the present report (the extrapolated mineral is marked by an asteric) but have not been used in the statistical summaries in Trettin, in press, except for ratios of mineral pairs not involved in the extrapolation. The mineral ratios listed are based on the original peak height measurements and not on the rounded-off values listed.

As different principal peaks have been used by different authors, the peaks used here are listed below along with some additional comments.

Quartz. Percentages are based on the 101 reflection at 26.6°. The peak represents quartz in individual grains and metamorphic rock fragments as well as chert.

Feldspar. Peaks near 28.0° are interpreted as the principal reflection of plagioclase, and peaks near 27.5° as that of K-feldspar. Detailed analysis of sixteen selected specimens (in Trettin, in press, Appendix 2) indicates that the plagioclase is mainly (or entirely) low-temperature albite, and the K-feldspar low-temperature microcline.

Mica, illite. Peaks between 8.75° and 8.86° are considered as 002 reflections of mica and illite. No attempt was made to distinguish the minerals in this group by X-ray methods, but the thin section studies suggest that most of this material is mica, occurring both as individual flakes and in metamorphic rock fragments.

Chlorite, kaolinite. The lattice spacings causing the principal reflections of chlorite (002; d=7.05- 7.13 Å) and kaolinite (001; d=7.15-7.18 Å) are so close to each other that these peaks cannot readily be distinguished in the whole-rock diffractograms; peaks in the 12.3° to 12.5° range, therefore, are listed as undifferentiated chlorite nand kaolinite. The two minerals, however, were distinguished in detailed diffractograms of 61 selected specimens (Trettin, in press, Appendix 2). The chlorite occurs as individual flakes or microcrystalline aggregates and in metamorphic and volcanic rock fragments. Kaolinite is present as authigenic cement, alteration within feldspar grains, and as granular aggregates.

Calcite, dolomite. The relative abundances of these two minerals, as usual, are inferred from the height of the 104 reflection at 29.4° and 30.9-31.0°.

Gypsum, anhydrite. Percentages of gypsum are based on the 020 reflection at 11.7°, and percentages of anhydrite on the 002 and 020 reflections at 25.5°. The minerals occur both as primary laminae and secondary replacements and veinlets.

Carbon analysis

The content of organic and mineralic carbon of 243 specimens was determined by means of the Leco induction furnace . The content of calcite and dolomite was then recalculated assuming (1) that all mineralic carbon is contained in these two minerals, and (2) that the ratio between them is given by the X-ray peak height ratio (dolomite/dolomite+calcite) with a correction of 2.3 per cent added; this correction was established by Royse et al. (1972).

The recalculated values, unquestionably ,are more reliable than the uncorrected values from the diffractograms. Regression analysis of 154 pairs of data gave the following linear equation:

$$Y = 0.9044 + 3.341$$

where X equals the percentage of calcite+dolomite as obtained by diffraction alone

and Y equals the percentage obtained by the combined method

(For further discussion, see Trettin, in press)

Point count analysis

In the point count analyses, 300 to 755 identifcations per section were made. The theoretical confidence limits - ,given by the standard deviation of the binomial distribution, are as follows

$$S = \sqrt{\frac{p\ (100-p)}{n}}$$

where p is the percentage of the mineral in the rock

and n the number of points (van der Plas and Tobi, 1965)

With 300 points correctly identified, the confidence limits at the 95 per cent confidence level (2 standard deviations) range from ± 1.6 per cent at an abundance of 2 per cent to ± 5.8 per cent at an abundance of 50 per cent.

These theoretical limits are applicable only to analyses of sandstones that are not finer than fine grained, relatively unaltered, and have a small

carbonate content (about 15 per cent or less); such rocks occur in the Hecla Bay Formation and in parts of Strathcona Fiord and Vendom Fiord formations. In the remaining rocks the point counting was restricted to clearly identifiable grains, and, as a consequence, quartz and chert probably have been overestimated at the expense of altered feldspar and rock fragments. The carbonate content also frequently is overestimated because the ubiquitous and strongly birefringeant calcite and dolomite tend to mask weakly birefringeant minerals such as chlorite.

References

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1965: A chart for judging the reliability of point counting results; Am. J. Sci., v. 263, p. 87-90

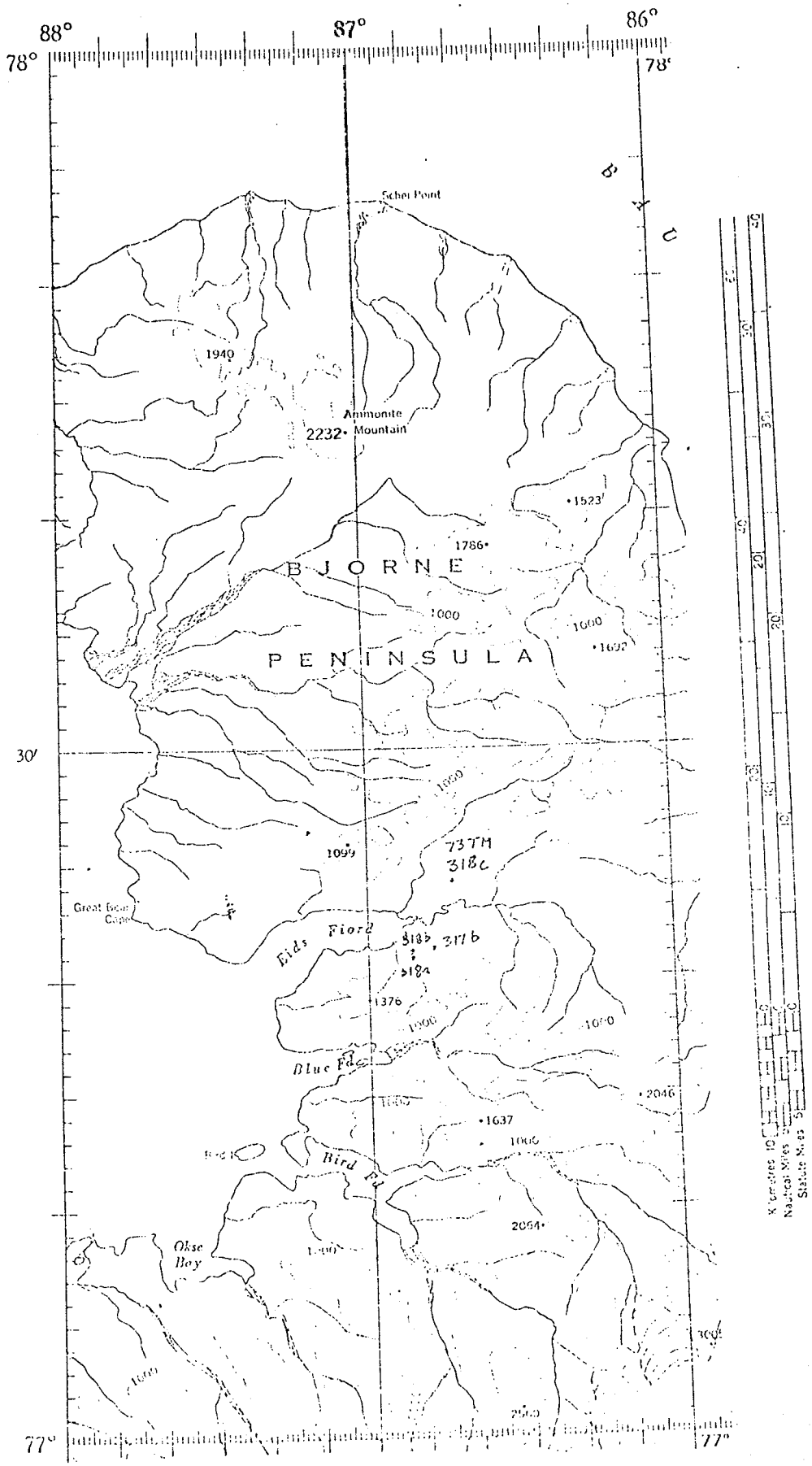


Fig. 3 Sample localities, type area of Eids Formation

KEY TO TABLES AND ABBREVIATIONS

1 GEN=general information

1-1 section, formation, interval

1-1-1 SECTION=section number

1-1-2 ROCK UN.=rock unit

BLUE FD.=Blue Fiord Fm.

C.PHIL.=Cape Phillips Fm.

EIDS=Eids Fm.

EIDS B= lower limestone mbr.

EIDS C= upper siltstone mbr.

EIDS D=upper limestone mbr.

HECLA=Hecla Bay Fm.

IMINA=Imina Fm.

RD.C.=Red Canyon River Fm.

RD.C.1= mbr. A

RD.C.2= mbr. B

STRATHC=Strathcona Fiord Fm.

VENDOM=Vendom Fiord Fm

1-1-3 FROM= sample height or base of sampled interval in ft.

1-1-4 TO= top of sampled interval (height in ft)

1-2 FIELD NUMBER

1-3 GSC NUMBER

2 X-RAY, CARBON= X-ray diffraction and carbon analysis

2-1 X-ray diffraction peak heights (in %)

2-1-1 QUARTZ

2-1-2 K-FSP= K-feldspar

2-1-3 PLAGIOCL.=plagioclase

2-1-4 MICA, IL=mica and/or illite

2-1-5 CHL., KA.=chlorite and/or kaolinite

2-1-6 CALCITE

2-1-7 DOLOMITE

2-1-8 GYPSUM

2-1-9, 2-1-10 OTHER

AH=anhydrite

SD=siderite

2-2 X-ray diffraction peak height ratios (in %)

2-2-1 F/F+Q= total feldspar/total feldspar+quartz

2-2-2 PL/PL+KF= plagioclase/plagioclase+ K-feldspar

2-2-3 D/D+C= dolomite/dolomite+calcite

2-3 Combined X-ray diffraction and carbon analysis (in %)

2-3-1 ORG.C= organic carbon

2-3-2 MIN.C.=mineralic carbon

2-3-3 CALCITE=recalculated calcite

2-3-4 DOLOMITE=recalculated dolomite

3 MICROSCOPIC=microscopic analysis

3-1 ANALYS.= type of analysis

343 PTS= point count analysis, 343 points identified

EST=estimate

TR= less than 1%

X= 1-5 %

XX=6-20 %

XXX=21-50 %

XXXX=51-100 %

NO TS= no thin section

3-2 Mineral abundances (in %)

3-2-1 QUARTZ

3-2-2 CHERT

3-2-3 FELDSPAR

3-2-4 MUSCOV.=muscovite

3-2-5 BIOTITE

3-2-6 CHLORITE

3-2-7 METAM.=metamorphic rock fragments

3-2-8 VOLC.=volcanic rock fragments

3-2-9= CARB.=carbonates

3-2-10 GYPSUM

3-2-11 to 3-2-14 OTHER

AH=anhydrite
GL=glauconite

KA=kaolinite

PY=pyrite

SD=siderite

TL=tourmaline

ZC=zircon

3-3 C8. TYPE=occurrence of carbonates

G=grains

M=matrix

(this has been recorded only for some units)

3-4 GRAIN TYPES=types of carbonate grains and of carbonate and silicate intraclasts

X=present

A=abundant

3-4-1 INTRACL.=intraclasts

DOLST=dolostone

LMDST=lime mudstone

LS=limestone

SLT=siltstone

STY=silty

3-4-2 OOIDS

3-4-3 PELLETS

3-4-3 CTD. GRN.=coated grains

3-5 fossils and trace fossils

3-5-1 to 3-5-8

ARTHR. TRAIL=crawling tracks of arthropods (cf. Cruziana)

ALG=algae

ALGMT= texture suggests former algal mat

BRACH=brachiopods

BRYO=bryozoans

BRW, H=burrows,horizontal

BRW, V=burrows,vertical

CHAR=charophyte oogonia

CONST=Conostichus

CRIC=cricocoenarids

ECH=echinoderms

FISH

GASTR=gastropods

GIRV=Girvanella

GRAPT=graptolites

MOLL=molluscs

ORCON=orthoconitic cephalopods

OSTR=ostracodes

PARTH=parathuramminid foraminifera

PEL=pelecypods

RAD=radiolarians

SPONG=sponges

STRTP=stromatoporoids

STYLN=styliolinid cricoconarids

UNID.=unidentified fossils

3-6 limestone texture

3-6-1 SUPPORT

M=matrix

G=grain

3-6-2 GR.GRADE=grade of grains

CG=conglomerate (generally granule to pebble grade)

SD=sand

3-6-3 GR/GR+M= grains/grains+matrix

H=high

L=low

(this has been recorded for a few specimens only)

3-6-4 MA. GRADE=grade of matrix

CR=cryptocrystalline (less than 4 microns)

MIC=microcrystalline (4-63 microns)

FMIC=finely microcrystalline (4-30 microns)

3-7 dolostone texture etc.

3-7-1 D/D+C=dolomite/dolomite+calcite

(this has rarely been recorded on the basis of microscopic analysis; but <u>see</u> 2-3-4)

3-7-2 D. GRADE=grade of dolomite crystals

CR=cryptocrystalline (less than 4 microns)

MIC=microcrystalline (4-63 microns)

FMIC=finely microcrystalline (4-30 microns)

VF=very finely crystalline (63-125 microns)

F=finely crystalline (125-250 microns)

M=medium crystalline (250-500 microns)

3-8 sandstone grade and texture

3-8-1 SD. GRADE= grade of sand fraction

VF=very fine

F=fine

M=medium

C=coarse

VC=very coarse

3-8-2 MAX. GRN.=grade of largest grain

(for legend, see 3-8-1; this has been recorded only for some units)

3-8-3 SD. STG.=sorting of sand grains

P=poor

M=moderate

G=good

VG=very good

BIM=bimodal

3-8-4 SD. RDG.=rounding of sand grains

P=poor (angular,subangular)

M=moderate (subangular to subrounded;subrounded)

G=good (rounded,well rounded)

3-8-5 SD.CEMENT= cement of sand grains

C=carbonate

Q=quartz

3-9 Phenoclasts and conglomerate

3-9-1 to 3-9-4 PHENOCL.=phenoclasts

X=present

A=abundant

(for lithological abbreviations see 4-3)

3-9-5 CG. MATR.= matrix or cement of conglomerate

CAL=calcite cement

DOL=dolomite cement

SD= sandy matrix

ST=silty matrix

4 MACROSCOPIC=macroscopic characteristics and classification

4-1 Structure,bioturbation,veins,crystals,etc.

X=present

4-1-1 HOR.LAM.=horizontal lamination

4-1-2 X-LAM.=cross-lamination

4-1-3 BIOTURB.=bioturbation

4-1-4 to 4-1-6 OTHER

AUTH QU=authigenic quartz

BDSEYE=birdseye

BITUMEN

BRC or BREC=brecciation (small-scale)

CARB VEINS=carbonate veins

CHANNEL=channelling

CONVOL=convolute lamination

FISS= fissility

GRAD=graded bedding

GRV+RDG=grooves and ridges

GYPS XS=gypsum crystals

HVY MIN LAM=heavy mineral lamination

MDCR=mudcracks

SOLZN=solution zones

UNDUL=undulating lamination

4-2 COLOUR

BN=brownish

DKGY=dark grey

GY=grey

GN=greenish

LGY=light grey

MGY=medium grey

OL=olive

OR=orange

RD=reddish

4-3 LITHOLOGY (GENERALIZED)

ARG=argillaceous

BRCA=breccia

CAC VEINS=calcite veins

CARBON=carbonaceous

CLST=claystone

CONCRET=concretion

DESTR=destroyed

DOLAR=dolarenite

DOLITIC=dolomitic

DOLST=dolostone

FLTPBCG=flat-pebble conglomerate

FOSS=fossils

FRAGS=fragments

GPSF=gypsiferous

GRN=granules

GRNCG=granule conglomerate

GYPS=gypsum

HSP=hand specimen

ITLAM=interlaminated

LGST=lime grainstone

LGST PW=lime grainstone,poorly washed

LMDST= lime mudstone

LPST=lime packstone

LS=limestone

LWST=lime wackestone

PB CG=pebble conglomerate

PBLY=pebbly

SDY=sandy

SID VEINS=siderite veins

SLT=siltstone

SPEC=specimen

SS=sandstone

STY=silty

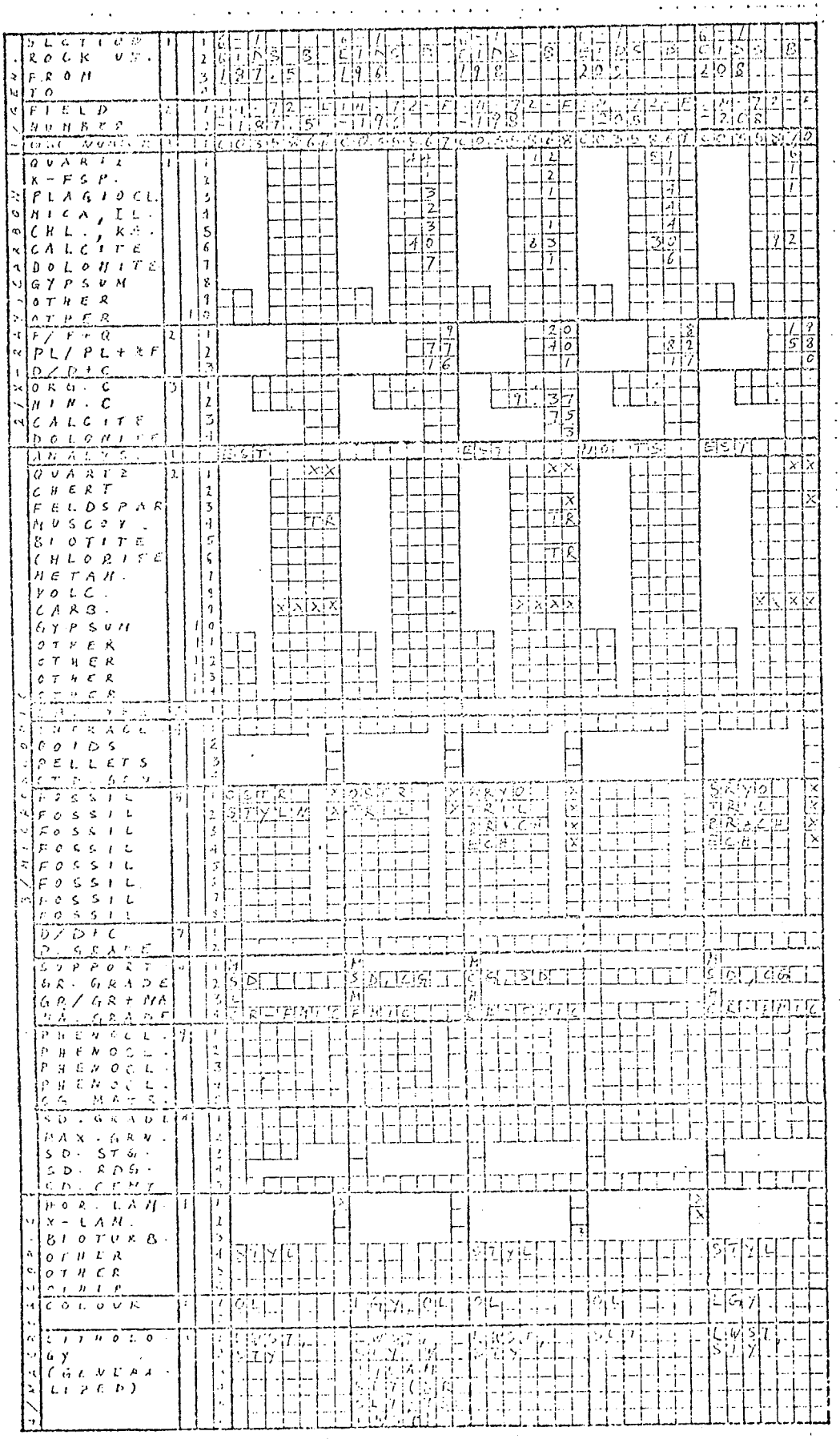
W=with

Field	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	6-L8	6-8	5-1	6-5-1	6-6-9
ROCK UN.	2	LDS - B	LD 3 - B	L D S - B	L D S - B	L S S - B
FROM	3	8	8.5	12.5	13	9 9
TO	4					
FIELD	1	H - 7 2 - F	7 2 - F	7 2 - F	7 2 - F	7 2 - F
NUMBER	2	8	9.5	12.5	13	9 9
MSC NUMBER		100 35 8 45	70 3 08 46	C103 3 847	C10 3 5 8 4 8	C103 5 8 47
QUAR. 2	1	28	44	7	568	7
K-FSP.	2	2	1		9	4
PLAGIOCL.	3	2	4	1	6	8
MICA, IL.	4	2	4		1	2
CHL., KA.	5	2	4		1	2
CALCITE	6	43	34	82	26	32
DOLOMITE	7	4	9		1	5
GYPSUM	8					
OTHER	9					
OTHER	10					
F/F+Q	1	22	10	8	38	66
PL/PL+KF	2	84	80	109	5	72
D/D+C	3	9	20	0		
GR%. C	1			C 7		
MIN. C	2			9 5 6		
CALCITE	3			80		
DOLOMITE	4			0		
ANALYS.	1	NO TS	NO TS	CST	NO TS	NO TS
QUARTZ	1	XXX		XX 7 8		
CHERT	2					
FELDSPAR	3	XX		TR		
MUSCOV.	4	X		TR		
BIOTITE	5	X				
CHLORITE	6	X				
METAM.	7					
VOLC.	8					
CARB.	9	XXX		XXXX		
GYPSUM	10					
OTHER	11					
OTHER	12					
OTHER	13					
OTHER	14					
INTRACL.	1					
OOIDS	2					
PELLETS	3					
ETD. GEV	4	X				
FOSSIL	1	BRACH X		BRYOL A		
FOSSIL	2	TRIL X		BRACH X		
FOSSIL	3	STRM E		TRIL X		
FOSSIL	4	STYLN X		ECH Y		
FOSSIL	5	ECH X				
FOSSIL	6					
FOSSIL	7					
FOSSIL	8					
D/D+C	1					
D. GRADE	2					
SUPPORT	1			Gn		
GR. GRADE	2			CG, LSD		
GR/GR+MA	3			4		
MA. GRADE	4			ATC		
PHENOCL.	1					
PHENOCL.	2					
PHENOCL.	3					
PHENOCL.	4					
CG. MATR.	5					
SD. GRADE	1	VF		VF - F	VF - F	VF
MAX. GRN.	2			F		
SD. STG.	3	P				
SD. RDG.	4					
SD. CEMT	5	CB				
HOR. LAM.	1			Z		X
X-LAM.	2				X	X
BIOTURB.	3					
OTHER	4			STY	BRCC	
OTHER	5					
OTHER	6					
COLOUR	1	GY	GY	GY	GY	GY
LITHOLOGY (GENERALIZED)	1	SS, SLTY	SLT	LMST, SLTY	SS, SLTY	SS, SLTY
	2	SLT, SDY		SDY, LTY		

Item	Field	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Section	1	6-1	6-1	6-1	6-1	6-1
Rock Un.	2	E 7 D S 8	E 1 D S 8	1 D S 8	E 1 D S 8	5 1 D S 8
From	3	1 1 6	1 1 6	1 2 1	1 2 3	1 3 C . 8
To						
Field Number	1	M-72-F	M-72-F	M-72-F	M-72-F	M-72-F
	2	716-1	781-2	721	7123	730.9
OGC Number	1	C035851	C035852	C035853	C035854	C035855
Quartz	1	11	21	15	50	2
K-FSP.	2	1	2	1	2	
Plagiocl.	3	1	7	1	5	1
Mica, Il.	4	1	3	2	3	
Chl., Ka.	5	1	3	1	3	
Calcite	6	83	38	78	30	97
Dolomite	7	2	6	2	6	
Gypsum	8					
Other	9					
Other	10					
F/F+G	1	15	17	13		26
PL/PL+KF	2	47	50	70	62	100
D/D+C	3	2	7	3	16	0
Org. C	1	9.	5.			11.
Min. C	2	86	71			16
Calcite	3	78	32			93
Dolomite	4	4	8			0
Analys.		MO TS	MO TS	MO TS	MO TS	ESH
Quartz	1					X
Chert	2					X
Feldspar	3					
Muscov.	4					
Biotite	5					
Chlorite	6					
Metam.	7					
Volc.	8					X X X X
Carb.	9					
Gypsum	10					
Other	11					
Other	12					
Other	13					
Other	14					
Intracl.	1					
Ooids	2					
Pellets	3					
Std. Grn.	4					
Fossil	1	BRYO		BRACH	X	BRCO X
Fossil	2			BRYO	X	CRIL X
Fossil	3			ECH	X	ECH X
Fossil	4			CRIL	X	BRSCH X
Fossil	5					
Fossil	6					
Fossil	7					
Fossil	8					
D/D+C	1					
D. Grade	2					
Support	1					[illegible]
Gr. Grade	2					
Gr/Gr+Ma	3					[illegible]
Ma. Grade	4					
Phenocl.	1					
Phenocl.	2					
Phenocl.	3					
Phenocl.	4					
Cg. Mat.	5					
Sd. Grade	1					
Max. Grn.	2					
Sd. Stg.	3					
Sd. Rdg.	4					
Sd. Cent.	5					
Hor. Lam.	1	X	X		X	
X-Lam.	2					
Bioturb.	3					
Other	4					
Other	5					
Other	6					
Colour	1	L GY	GL	L GY	M/L GL	L GY
Lithology (Generalized)	1	[illegible]	[illegible]	LGT [illegible]	[illegible]	[illegible]
	4	C035852	C035852			

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	GE-1	GE-1	GE-1	GE-1	GE-1
ROCK UN.		2	GE-1DS-B	GE-1DS-B	GE-1DS-B	GE-1DS-B	GE-1DS-B
FROM		3	134	150.7	153	159.5	162
TO		4					
FIELD	2	1	GIM-72-F	GIM-72-F	GIM-72-F	GIM-72-F	GIM-72-F
NUMBER		2	-1134	-1150.7	-153	-159.5	-162
LAB. NUMBER	3	1	C0325867	C035859	C03589	C035860	C035361
QUARTZ	1	1	29	20	56*	8	28
K-FSP.		2	1		3		1
PLAGIOCL.		3	1	3	4	1	3
MICA, IL.		4	1	1	2		
CHL., KA.		5	1	1	L	1	
CALCITE		6	66	73	31	89	68
DOLOMITE		7	1	2	3	1	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	6	11		13	12
PL/PL+KF		2	67	100	63	100	85
D/D+C		3	2	3	8	1	0
ORG. C	3	1					0.24
MIN. C		2					7.60
CALCITE		3					63
DOLOMITE		4					
ANALYS.	1	1	NO TS	NO TS	NO TS	EST	EST
QUARTZ	2	1				XX	XXX
CHERT		2					
FELDSPAR		3				TR	X
MUSCOV.		4				TR	
BIOTITE		5					
CHLORITE		6				TR	
METAM.		7					
VOLC.		8				XXXX	XXXX
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GEN.		4					
FOSSIL	5	1	CCRI X			BRYO X	TRIL X
FOSSIL		2	BRYO X			TRIL X	BRACH X
FOSSIL		3	BRACH X			ECH X	ECH X
FOSSIL		4				BRACH Y	BRYO Y
FOSSIL		5				OST 2	
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1				M	M
GR. GRADE		2	CC, SD			S RCG	S P
GR/GR+MA		3				M	M
MA. GRADE		4				C 9	PIC
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1				VFF	V
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1			X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4				STYL	
OTHER		5					
OTHER		6					
COLOUR		1	LGY	LGY	GL	GL	LGY
LITHOLOGY (GENERALIZED)		1	LST, STY	LST, STY	SLT, SDY	LMST,	SWLL
		2	SLY	SDY		STY, SLY	STY, SDY
		3					
		4					
		5					
		6					

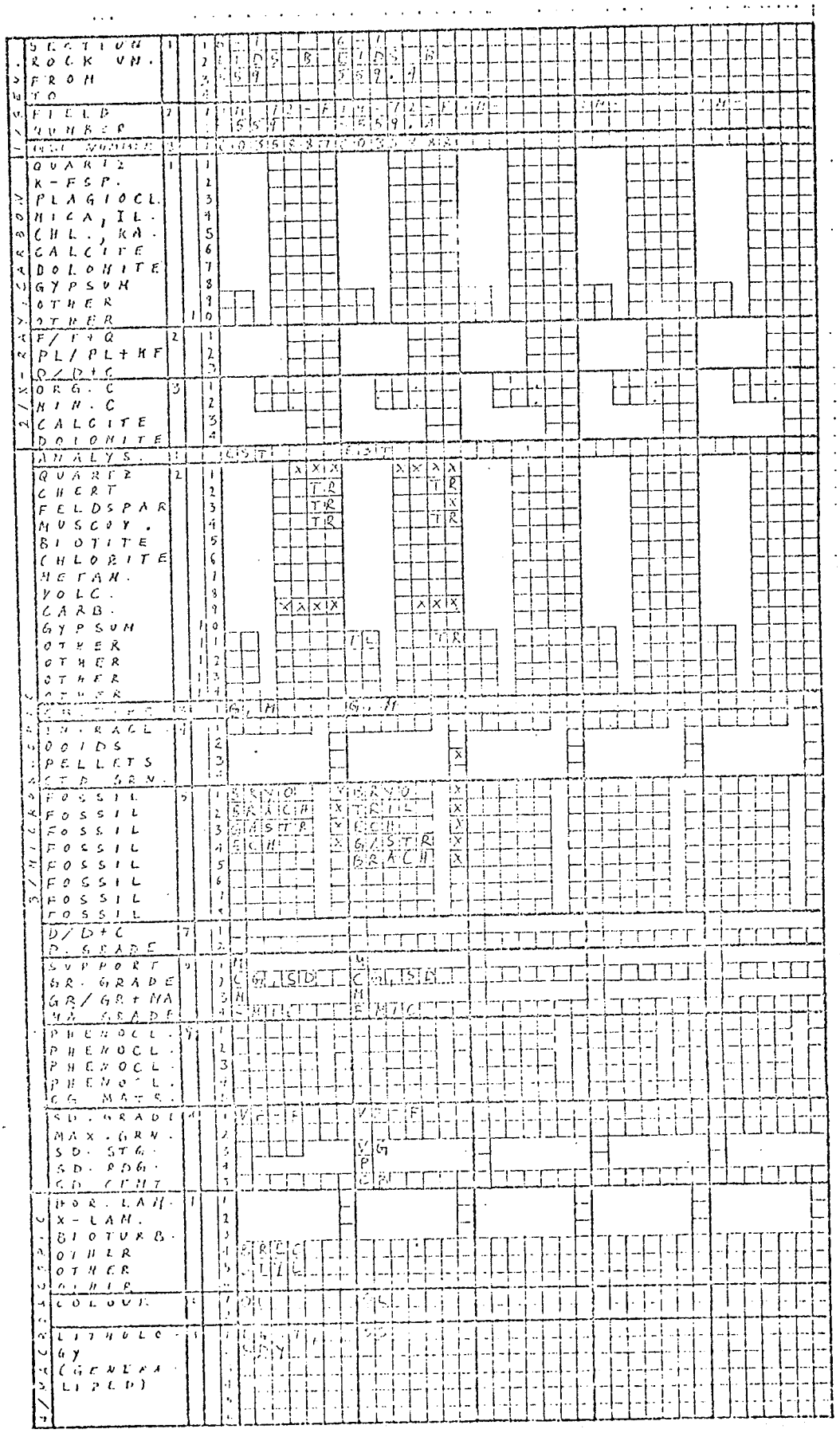
Field	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-1	6-1	6-1	6-1	6-1
ROCK UN.		2	E1D3 B	E1IS B	E1DS B	C1DS B	E1AS B
FROM		3	171	173-1	173.2	180	187
TO		4					
FIELD	2	1	1H-72-E	1H-72-E	1H-72-E	1H-72-E	1H-72-E
NUMBER		2	171	-173-1	-173-2	-180	187
GSC NUMBER	3		C0358262	C035863	C035863	C035864	C035896
QUARTZ	1	1	30	46	24	9	57
K-FSP.		2	3	4			1
PLAGIOCL.		3	7	6			3
MICA, IL.		4	1	5	2		3
CHL., KA.		5	1	4	2		2
CALCITE		6	57	27	69	91	29
DOLOMITE		7	1	8	3		5
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	25	17	0	0	7
PL/PL+KF		2	72	59			75
D/D+C		3	2	24	4	0	16
ORG. C	3	1					0.17
MIN. C		2		4.04	8.03		3.56
CALCITE		3		24	62		24
DOLOMITE		4		9	4		5
ANALYS.	1		EST	NO TS	EST	EST	EST
QUARTZ	2	1	X XX		XXX	XX	XXXX
CHERT		2					
FELDSPAR		3	XX				X
MUSCOV.		4	X		X		X
BIOTITE		5					X
CHLORITE		6			X		X
METAM		7					
VOLC.		8					
CARB.		9	XXXX		XXXX	XXXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1	TRIL X		OSTR X	OSTR	BRACH X
FOSSIL		2	BRACH X			BRACH X	STYLM X
FOSSIL		3	GRW.L X			TRIL X	
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	M		M	G, M	
GR. GRADE		2	SD		SD	SD	
GR/GR+MA		3	1		L	H	
MA. GRADE		4	MIC		F MIC	F MICROS	
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG. MATR.		5					
SD. GRADE	8	1	VF		VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM	1	1	X		X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	GY	LGY-OL	LGY	OL
LITHOLOGY (GENERALIZED)	1	1	LMST,	SLT	LMST,	LMST,	SLT,
		2	STY, SDY		STY, SDY	STY, SDY	SDY
		3					
		4					



Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-1	6-1	6-1	6-1	6-1
ROCK UN.		2	ETDS-B	ETDS-B	ETDS-B	ETDS-B	ETDS-B
FROM		3	218	230	230.5	231.2	241
TO		4					
FIELD	2	1	HM-72-E	HM-72-E	HM-72-E	HM-72-E	HM-72-E
NUMBER		2	-218	-230	-230.5	-231.2	-244
IGSC NUMBER	3	1	C0355871	C0355872	C0355873	C0355874	C0355875
QUARTZ	1	1	9	60	42		12
K-FSP.		2		2	1		1
PLAGIOCL.		3	1	7	6		2
MICA, IL.		4	1	3	3		2
CHL., KA.		5	1	3	3		1
CALCITE		6	91	21	29		80
DOLOMITE		7	1	4	9		2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	19		13		15
PL/PL+KF		2	100	77	88		70
D/D+C		3	1	17	24		2
ORG. C	3	1		0.22			
MIN. C		2		3.48			
CALCITE		3		23			
DOLOMITE		4		6			
ANALYS.			EST	EST	MO TS	EST	EST
QUARTZ		1	X X	X X X X		X X	X X
CHERT		2					X
FELDSPAR		3	TR	X X			X
MUSCOV.		4	TR	X		TR	
BIOTITE		5		X			
CHLORITE		6	TR	X			TR
METAM.		7					
VOLC.		8					
CARB.		9	X X X X	X X X		X X X X	X X X X
GYPSUM		10				ΣC	TR
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE							
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRV.		4					
FOSSIL	5	1	TRIL	ABRACH	S	BRACH X	BRACH X
FOSSIL		2	BRYO	X		BRYO X	BRYO X
FOSSIL		3				OSTR X	OSTR X
FOSSIL		4					TRIL X
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	G			M	G
GR. GRADE		2	K GL SD			S DL CG	S D
GR/GR+MA		3				H	
MA. GRADE		4				C R-F N T C	
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1		[illegible]			
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT.		5					
HOR. LAM	1	1			X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	LGY	PL	PL	LGY	LG?
LITHOLOGY (GENERALIZED)		1	GRST, STY	[illegible]	[illegible]	GWST, SLTY	[illegible]

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-1	6-1	6-1	6-1	6-1
ROCK UN.		2	EL5 S B	L1LS B	17AS B	C1ZS B	E10S B
FROM		3	315	368	375	387.5	403
TO		4					
FIELD	2	1	14-72-F	14-72-F	18-72-F	18-72-F	N-72-F
NUMBER		2	-315	-368	-375	-387.5	-403
GSC NUMBER	3	1	C035876	C035877	C035878	C035877	C035880
QUARTZ	1	1	55 4	62 ±	60 *	76 *	31
K-FSP.		2	3	1	7	4	1
PLAGIOCL.		3	4	7	9	7	3
MICA, IL.		4	2	4	2	1	3
CHL., KA.		5	1	3	1	1	3
CALCITE		6	31	18	18	10	50
DOLOMITE		7	1	5	3	1	9
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					10
PL/PL+KF		2	63	87	58	67	74
D/D+C		3	14	20	15	9	15
ORG. C	3	1					5.98
MIN. C		2					41
CALCITE		3					8
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	SOI TS	EST
QUARTZ	2	1	X X X X	X X X X	X X X X		X X X
CHERT		2			TR		
FELDSPAR		3	X X	X X	X X		X
MUSCOV.		4	X	X	X		X
BIOTITE		5	X	X	TR		X
CHLORITE		6	TR	X	TR		
METAM.		7					
VOLC.		8					
CARB.		9	X X X	X X	X X		X X X X
GYPSUM		10					
OTHER		11	TL / TR				
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1	G				
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1			SSML 4 X		
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. GRADE		1	VF	VF			
MAX. GRN.		2					
SD. STG.		3	G				
SD. RDG.		4	P				
SD. CEMT.		5	B				
HOR. LAM	1	1		X			X
X-LAM.		2		X	X	X	X
BIOTURB.		3	X	X			
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	OL	OL	OL	LSY	GN
LITHOLOGY (GENERALIZED)		1	SL, SLTY	SLT, DY, SS, STY	CLT, SLTY, SS, SDY	SS	LMDST, SLTY, SDY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-1	6-1	6-1	6-1	6-L
ROCK UN.		2	LTD2 B	61DS B	C1DS B	61DS B	E1DS B
FROM		3	198	510	511	514.9	522
TO		4					
FIELD	2	1	1H-72-E	1H-72-F	1H-72-F	1H-72-E	1H-72-E
NUMBER		2	-418	-510	-511	-514.9	-522
LAB NUMBER	3	1	C035891	C035892	C035893	C035894	C035895
QUARTZ	1	1					
K-FSP.		2					
PLAGIOCL.		3					
MICA, IL.		4					
CHL., KA.		5					
CALCITE		6					
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2					
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X X X X	X X X X	X X X X	X X X	X X X
CHERT		2			TR		TR
FELDSPAR		3	X	X	X	TR	X
MUSCOV.		4	X	X	X	TR	TR
BIOTITE		5		X	TR		
CHLORITE		6		?			
METAM.		7			TR		
VOLC.		8					
CARB.		9	X X X	X X X	X X X	X X X	X X X
GYPSUM		10					
OTHER		11	ZC TR				ZK TR
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1	O, M		G, M	G	G, M
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CT. D. GRN.		4					
FOSSIL	5	1	BRYO X	TRIL X	ECH X	BRYO X	BRYO Y
FOSSIL		2	BRACH X		OSTR X	ECH Y	BRACH X
FOSSIL		3	ECH X		GRAPT 2	BRACH Y	TRIL X
FOSSIL		4			BRW, H X	TRIL X	ECH X
FOSSIL		5				BRW, H X	
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	M		M	M	M
GR. GRADE		2			SD	SD, CG	CG, SD
GR/GR+MA		3	L		L	[illegible]	M
MA. GRADE		4	MIC		E MIC	MIC	E MIC
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF-F	VF	VF	VF-F	VF-F
MAX. GRN.		2					
SD. STG.		3	VG		VG	VG	G
SD. RDG.		4	P		P	P	P
SD. CEMT.		5	CB		CB	CB	CB
HOR. LAM	1	1					
X-LAM.		2		X			
BIOTURB.		3	X		X	X	
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	OL-LGY	OL	OL	LGY	OL
LITHOLOGY (GENERALIZED)		1	SS	SLT	SS	SS	SS
		2		CLAM			
		3		SLT, SDY			
		4					
		5					


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
CG MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CENT
BOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOG.
GY
(GENERA
LIPED)

SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	8D-C-1	RD-C-1	RD-C-1	RD-C-1
FROM		3	0	0	8	1 1
TO		4				3 8
FIELD	2	1	TM-72-0	TM-72-0	TM-72-0	TM-72-0
NUMBER		2	-10-	-2-	81	17 -15 8
MSC NUMBER	3	1	0 3 5 2	0 3 5 2	0 3 5 2	0 3 5 2 3 6
QUARTZ	1	1	6 6	5 2 4	6 6 X	3 7 0 0
K-FSP.		2	2	8	3	1 2
PLAGIOCL.		3	1	5	5	3 3
MICA, IL.		4	3	4	3	5 3
CHL., KA.		5	3	2	2	2 2
CALCITE		6	1 5	1 9	1 1	4 6 2 0
DOLOMITE		7	7	1 0	1 0	4 7
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1	7		8 7	7 8
PL/PL+KF		2	7 0	3 8	7	6 6 0 2
D/D+C		3	3 3	3 6	7 7	9 1 2
ORG. C	3	1				6. 6 7 51. 8 9
MIN. C		2				4 9 2 7
CALCITE		3				6 5
DOLOMITE		4				
ANALYS.	1		ESL	MOTS	MOTS	ESL ESL
QUARTZ	2	1	X X X X			X X X X X X X X
CHERT		2				X X
FELDSPAR		3	X X			X X
MUSCOV.		4	X			X X
BIOTITE		5	X			X X
CHLORITE		6	X			X X
METAM		7				
VOLC.		8				X X X X X X X X
CARB.		9	X X			
GYPSUM		10				
OTHER		11				
OTHER		12				
OTHER		13				
OTHER		14				
CR. TYPE	4	1				
INTRACL	4	1				
OOIDS		2				
PELLETS		3				
CTD. ARV		4				
FOSSIL	5	1				BRYO X
FOSSIL		2				BRACH X
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. SCALE		2				
SUPPORT	8	1				M C G
GR. GRADE		2				
GR/GR+MA		3				M S F
MA. GRADE		4				
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
SG MATR.		5				
SD. GRADE	10	1	V F	V F	V F	V F V F
MAX. GRN.		2				
SD. STG.		3				
SD. RDS.		4				
SD. CENT		5				
BOR. LAM	1	1	X	X	X	X
X-LAM.		2		X		X
BIOTURB.		3				
OTHER		4				
OTHER		5				
OTHER						
COLOUR	2	1	GW	GW	GW	GW
LITHOLO	3	1	SDY	SDY	SDY	SDY
GY		2				
(GENERA		3				
LIZED)		4				

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-5-1	6-5-L	6-4-1	6-5-L	6-5-1
ROCK UN.		2	RD-C.1	RD.C.L	RJ.C.L	RD.C.1	RD.C.L
FROM		3	61	61.5	35	120	L35
TO		4					
FIELD	7	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-61	-61.5	-35	-120	-135
DISC NUMBER	1	1	C10 35 237	C0 035 038	C0 35 0631	C035 040	C035 047
QUARTZ	1	1	68X	68X	07X	61	028
K-FSP.		2	3	3	2	2	2
PLAGIOCL.		3	6	6	7	4	7
MICA, IL.		4	3	2	5	3	2
CHL., KA.		5	3	4	3	2	2
CALCITE		6	11	13	10	21	
DOLOMITE		7	6	6	6	7	19
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1				9	
PL/PL+KF		2	67	69	72	62	73
D/D+C		3	36	32	38	25	100
ORG. C	3	1					
MIN. C		2				31.56	
CALCITE		3				21	
DOLOMITE		4				8	
ANALYS.	1		NO TS	NO TS	NO TS	ES	NO TS
QUARTZ	2	1				XXXX	
CHERT		2					
FELDSPAR		3				XX	
MUSCOV.		4				X	
BIOTITE		5				X	
CHLORITE		6				X	
METAM.		7				7A	
VOLC.		8					
CARB.		9				XXX	
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1	SLT	X			
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1		SKW, M	X		
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3				G	
SD. RDG.		4				P	
SD. CENT.		5				CB, Q	
HOR. LAM.	1	1			X	X	X
X-LAM.		2				X	
BIOTURB.		3	2			2	X
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	GN	GN	RD-BN		GN
LITHOLOGY (GENERALIZED)	1	1	SC, SLY	SLT, CY	SS, STY	SS, STY	SLT, SDY
		2			WITLAM		
		3			SLT, SDY		
		4					
		5					
		6					

SECTION	1	1	6-3-1	6-3-1	0-3-1	0-3-1	6-3-1	
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1	
FROM		3	16 4	22 7	22 8.5	22 9	23 6	
TO		4						
FIELD	1	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D	
NUMBER		2	-116 7	-12 27	-22 18 5	-22 9 7	-23	
OSC. NUMBER	1	1	C 10 3 5 6 4 2	C 10 3 5 6 4 5	C 10 3 5 6 4 7	C 10 3 5 6 4 5	C 10 3 5 6 4 5	
QUARTZ	1	1	6 6 X	6 3 X	6 6	0 X X	5 7 X	
K-FSP.		2	4	2	1	5	1	
PLAGIOCL.		3	4	3	4	5	7	
MICA, IL.		4	3	3	3	1	1	
CHL., KA.		5	3	3	1	1	1	
CALCITE		6	1 0	1 4	L 6	1 1	2 0	
DOLOMITE		7	1 0	1 2	9	9	1 0	
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1			7			
PL/PL+KF		2	4 9	6 8	8 5	4 8	6 4	
D/D+C		3	5 1	4 5	3 6	4 6	3 3	
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		NO TS	NO TS	ES	NO TS	NO TS	
QUARTZ	2	1			X X X X			
CHERT		2						
FELDSPAR		3			X			
MUSCOV.		4			X			
BIOTITE		5			X			
CHLORITE		6			T R			
METAM.		7						
VOLC.		8						
CARB.		9			X X X			
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
[illegible]	4	1					SILT	X
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	8	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
GL. MATR.		5						
SD. GRADE	10	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CENT		5						
HOR. LAM.	1	1	X	X	X	X		
X-LAM.		2			X	X		
BIOTURB.		3	X	?		?		
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	1	1	RN	RD-BN	RD-GY	RD-BN	GY	
LITHOLO-	1	1	SPL, STY	SS, STY	SLL, SOY	SLL, SLL	SS, CLY	
GY		2						
(GEULRA		3						
LIPLD)		4						
		5						

SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD. C. 1	RD. C. 1	RD. C. 1	RD. C. 1	RD. C. 1
FROM		3	2 3 7	3 0 7	3 0 1 . 5	3 0 8	3 5 3
TO		4					
FIELD	2	1	1 M 72-0	1 M 72-0	1 M 72-0	1 M 72-0	1 M 72-0
NUMBER		2	2 8 4	3 0 1	3 0 1 . 5	3 0 8	3 5 3
SEC. NAME	3	1	10 7 16	3 2 8	0 7 12	10 3 5	0 7 16
QUARTZ	1	1	52	91X	00	45	53
K-FSP.		2	4	4	3	5	2
PLAGIOCL.		3	3	8	4	7	8
MICA, IL.		4	4	2	2	3	3
CHL., KA.		5	3	1	2	2	3
CALCITE		6	28	18	24	34	24
DOLOMITE		7	6	6	5	6	7
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	12		10	21	16
PL/PL+KF		2	74	64	58	59	81
D/D+C		3	18	25	12	15	23
ORG. C	3	1					
MIN. C		2	31 79				
CALCITE		3	25				
DOLOMITE		4	6				
ANALYS.	1		NO TS	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]	1	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRV.		4					
FOSSIL	5	1	BRACH X		BKWH X	BRACH X	
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/DIC	7	1					
D. GRADE		2					
SUPPORT	8	1					
SR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
PH. MATS.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT		5					
HOR. LAM.	1	1			X		X
X-LAM.		2				X	
BIOTURB.		3		?			
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	SN	LGY	LGY-DM	TAN	GY
LITHOLO	3	1	GS, STY	SS, STY	SS, STY	SS, STY	SLT, SDY
GY		2					
(GENERA		3					
LIZED)		4					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-1	RD-C-1	RD-C-1	RD-C-1	RD-C-1
FROM		3	367	370	385	390	447
TO		4					
FIELD	2	1	TM-72-0	TM-72-0	TM-72-0	TM-72-0	TM-72-0
NUMBER		2	-367	-370	-385	-390	-447
LAB. NUMBER	3	1	C0032652	C0036633	C0036652	C0035655	C0035656
QUARTZ	1	1	45	64	13	38	52
K-FSP.		2		1	2	2	2
PLAGIOCL.		3	4	3	1	3	5
MICA, IL.		4	5	3	1	3	4
CHL., KA.		5	4	2	1	3	5
CALCITE		6	31	19	80	43	22
DOLOMITE		7	11	8	2	8	10
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1	7		17	12	11
PL/PL+KF		2	100	76	32	68	73
D/D+C		3	26	31	2	15	51
ORG. C	3	1					
MIN. C		2			9.60	6.16	
CALCITE		3			76	42	
DOLOMITE		4			3	9	
ANALYS.	1	1	NO TS	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
[illegible]		4					
FOSSIL	5	1			BRACH X	CRINST X	
FOSSIL		2			ECH X		
FOSSIL		3			BRYO X		
FOSSIL		4			ORBION X		
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRAIN		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
[illegible] GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
[illegible]		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM	1	1		X			
X-LAM.		2	X	?	?		?
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	RD, GN	RD, GN	GY	GN	RD, GN
LITHOLOGY (GENERALIZED)		1	SLT, SDY	SS, SLT	LS, STY, SDY	SLT, SDY	SLT, SDY

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-L	6-3-1
ROCK. UN.		2	8D·C·L	RD·C·1	RD·C·1	BD·C·1	BD·C·1
FROM		3	460	460	464	482	485
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-1	TM-72-D	TM-72-D
NUMBER		2	-460-11	-460-3	-464	-482	-435
PET. NUMBER	3		C035659	C035668	C035659	C035666	C035661
QUARTZ	1	1	49	53	39	61	42
K-FSP.		2	1	4	2	2	1
PLAGIOCL.		3	5	6	4	4	4
MICA, IL.		4	2	3	8	2	5
CHL., KA.		5	2	3	8	2	5
CALCITE		6	30	24	33	20	31
DOLOMITE		7	11	7	6	9	12
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1	11	16	12	8	12
PL/PL+KF		2	87	61	71	71	82
D/D+C		3	27	22	16	31	29
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		NO TS	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
		4					
FOSSIL	5	1	CONST X				
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
		5					
GR. GRADE		1	VF	VF	VF	VF	VF
MAX. GRAN.		2					
SD. STS.		3					
SD. RDG.		4					
SD. CIRC.		5					
HOR. LAM	1	1		X	X	X	X
X-LAM		2				X	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER							
COLOUR		1	YLW	GN	GN	RD	RD, GN
LITHOLOGY (GENERALIZED)		1	SS, SLTY	SS, SLTY	SLT, SDY	SS, SLTY	SLT, SDY

	Col.	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-L	6-3-1	6-3-1	6-3-L	6-3-1
ROCK UN.		2	AD.G.1	AD.C.L	AD.C.1	AD.C.L	AD.C.1
FROM		3	502.5	516	516	563	568
TO		4					
FIELD	1	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-502.5	-516-11	-516-2	-563	-568
GSC NUMBER	3	1	C035662	C035663	C035664	C035665	C035666
QUARTZ	1	1	65 X	47	42	58 X	17
K-FSP.		2	5	2	2	1	
PLAGIOCL.		3	10	7	5	6	3
MICA, IL.		4	1	4	2	3	2
CHL., KA.		5		2	2	3	2
CALCITE		6	1	31	42	11	73
DOLOMITE		7	18	7	5	18	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1		16	17		16
PL/PL+KF		2	65	81	69	85	1.00
D/D+C		3	94	19	10	62	4
ORG. C	3	1		5.			91.7
MIN. C		2		.35			4
CALCITE		3		34			76
DOLOMITE		4		9			5
ANALYS.	1		NO TS	ES	ES	NO TS	NO TS
QUARTZ	2	1		X X X	X X		
CHERT		2			X		
FELDSPAR		3		X X	X X		
MUSCOV.		4		X	X		
BIOTITE		5		X	X		
CHLORITE		6		X	X		
METAM.		7					
VOLC.		8					
CARB.		9		X X X	X X X		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL	4	1				SLT X	
OOIDS		2					
PELLETS		3					
ETD. GRN.		4					
FOSSIL	5	1		TRIL X	SEYD X		OSTR X
FOSSIL		2		PEL X	PEL X		
FOSSIL		3			TRIL X		
FOSSIL		4			ELSH X		
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	9	1	VF F	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM.	1	1	X			X	
X-LAM.		2				X	
BIOTURB.		3		X	X		
OTHER		4			GRC		
OTHER		5					
OTHER		6					
COLOUR		1	RD, GN	GN	GN	RD	GN
LITHOLOGY (GENERALIZED)		1	SS	SLT, SDY	SLT, SDY	SLT, SDY	LS, SLTY, SDY

	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-1	RD-C-1	RD-C-1	RD-C-1	RD-C-1
FROM		3	608	644	675	746	846
TO							
FIELD NUMBER	2	1	TM-72-D-608	TM-72-D-644	TM-72-D-675	TM-72-D-746	TM-72-D-846
GSC NUMBER	3	1	C035667	C035668	C035669	C035670	C035671
QUARTZ	1	1	77	55	67 x	72	76 x
K-FSP.		2	2	4	4	2	3
PLAGIOCL.		3	4	6	5	5	2
MICA, IL.		4	5	2	3	3	1
CHL., KA.		5	2	2	2	2	1
CALCITE		6		2	1		2
DOLOMITE		7	10	29	18	16	15
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	8	15		3	
PL/PL+KF		2	66	62	54	70	44
D/D+C		3	100	95	94	100	89
ORG. C	3	1					
MIN. C		2	2.72				
CALCITE		3	0				
DOLOMITE		4	21				
ANALYS.	1		SSL	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1	XXXX				
CHERT		2					
FELDSPAR		3	XX				
MUSCOV.		4	X				
BIOTITE		5	X				
CHLORITE		6	X				
METAM.		7					
VOLC.		8					
CARB.		9	XX				
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1		SLT			
INTRACL.	4	1			X		
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
ST. GRADE		1	[illegible]	VF	F-F	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
CD. CEMT.		5					
HOZ. LAM.	1	1	X		/	X	X
X-LAM.		2				X	
BIOTURB.		3		X			
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	SP-PN	GAL	RD	RD, GN	LGY
LITHOLOGY (GENERALIZED)	3	1	S, SLTY	S, SLTY	SS	SS, CLY	SS, SLTY

Field	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
FROM		3	850	867	872	876	881
TO		4					
FIELD NUMBER	1	1–2	TM-72-D-850	TM-72-D-867	TM-72-D-872	TM-72-D-876	TM-72-D-881
OBS. NUMBER	1	1	C035672	C035673	C035674	C035675	C035677
QUARTZ	1	1	60X	55	49	65X	60X
K-FSP.		2	6	3	2	2	2
PLAGIOCL.		3	4	8	4	7	8
MICA, IL.		4	2	2	4	4	4
CHL., KA.		5	1	2	3	3	2
CALCITE		6		17	25	4	2
DOLOMITE		7	27	13	13	17	22
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		16	11	74	73
PL/PL+KF		2	41	74	66	81	31
D/D+C		3	100	45	35		
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		NO TS	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB.		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GEN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GA. MASS.		5					
SD. GRADE		1	VF	VF		VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT.		5					
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2				X	
BIOTURB.		3	?	X			
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	LGY	GN	RD, GN	RD	GN
LITHOLOGY (GENERALIZED)		1	SS, SLTY	SS, SLTY	SLT	SLT, SDY	SLT, SDY

Field	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-?-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD.C.L	RD.C.I	RD.C.I	RD.C.I	RD.C.I
FROM		3	3881	389	906.5	909	910
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	DM-72-D	TM-72-D	TM-72-D
NUMBER		2	-1284	-899	-906.5	-909	-910
ORG. NUMBER	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	65X	70	55X	62X	54
K-FSP.		2	5	6	5	1	6
PLAGIOCL.		3	3	4	4	9	3
MICA, IL.		4	4	5	4	3	3
CHL., KA.		5	3	1	2	2	2
CALCITE		6	5		29	18	25
DOLOMITE		7	12	14	3	12	7
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		12	61	30	16
PL/PL+KF		2	40	92	25	40	35
D/D+C		3	70	100			23
ORG. C	3	1					4.
MIN. C		2					7.7
CALCITE		3					2.9
DOLOMITE		4					1.0
ANALYS.	11		AD TS	ES	AC TS	ND FS	ES
QUARTZ	1	1		X X X X			X X X X
CHERT		2		TR			X X
FELDSPAR		3		X X			X
MUSCOV.		4		X			X
BIOTITE		5		X			X
CHLORITE		6		TR			TR
METAM.		7					
VOLC.		8					
CARB.		9		X X			X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. ARN.		4					ESTR X
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.		1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3		?P			GP
SD. RDG.		4					
SD. CEMT.		5		CP, CY			?, Q
HOR. LAM.		1	X	X	X		X
X-LAM.		2	X	X		?	X
BIOTURB.		3	X				X
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	RD, GN	GN	?, RD	GN	GN
LITHOLOGY (GENERALIZED)		1	D, STY	SS, ?	SLT, SDY	SLT, SDY	S?, STY

SECTION	1	1	0-3-1	0-3-1	0-3-1	0-3-1	0-3-1	0-3-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
FROM		3	1 2 0	3 2 4	9 7 2	3 4 4	9 4 7	
TO		4						
FIELD	4	1	TM-17 2-D	TM-17 2-D	TM-17 2-D	TM-17 2-D	TM-17 2-D	TM-17 2-D
NUMBER		2	-9 2 6	-9 2 4	-9 4 7	-9 4 7	-9 4 7	-9 4 7
DISC. NUMBER	1		1 0 3 5	6 3 3	0 3 5	6 2 4	0 3 5	6 2 4
QUARTZ	1	1	6 7	6 1 x	1 0	6 1 x	6 1 x	6 5 x
K-FSP.		2	1 3	2	1 5	2	2	1 0
PLAGIOCL.		3	2	1 6	1	6	6	3
NICA, IL.		4	1	3		7	7	3
CHL., KA.		5	3	2		3	3	2
CALCITE		6	3 4	1 6	7 3	1 6	1 6	1 3
DOLOMITE		7	4	1 0	1	8	8	4
GYPSUM		8						
OTHER		9						
OTHER		10						
F/FPQ	2	1	3 0	7 0	6 1	7 7	7 7	2 4
PL/PL+KF		2	2 1	3 8	6	3 4	3 4	2 6
C/D+C		3	1 0		2			
ORG. C	3	1						
MIN. C		2			9 . 5 3			
CALCITE		3			7 8			
DOLOMITE		4			4			
ANALYS.	1		MOL TS	MOL TS	MOL TS	MOL TS	MOL TS	MOL TS
QUARTZ	2	1						
CHERT		2						
FELDSPAR		3						
MUSCOV.		4						
BIOTITE		5						
CHLORITE		6						
METAM.		7						
VOLC.		8						
CARB.		9						
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CHERT	3	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
ETC. GRN		4						AR VI, W
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	8	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	1	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CEMT.		5						
HOR. LAM	1	1		X	X		X	
X-LAM.		2			X			
BIOTURB.		3					X	X
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2	1	GN	RD	GY	GN	GN	
LITHOLOGY (GENERALIZED)	2	1	SLT, SD	SLT, SD	SD	SLT, SD	SD, SLT	

SECTION	1	1	1-3-1	4-3-1	5-3-1	6-3-1	4-3-1	
ROCK UN.		2	8D.C.1	8D.C.1	8D.C.1	8D.C.1	8D.C.1	
FROM		3	16 6	17 18	19 2	7 0 6 7	10 1	
TO		4						
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D	D
NUMBER		2	-N 6 6	-7 6	-9 9 3	-7 0 0 1	-0 1 7	
DISC. NUMBER	3	1	0 3 5 6 8	0 3 5 6 9	0 3 5 6 11	0 3 5 6 9	0 3 5 6 9	
QUARTZ	1	1	4 X	5 7 X	5 2	1	5 8	
K-FSP.		2	5	1	2	2	5	
PLAGIOCL.		3	4	5	5	3	6	
NICA, IL.		4	2	2	5	1	1	
CH.L., KA.		5	2	2	4	1	1	
CALCITE		6	30	28	19	10	25	
DOLOMITE		7	9	8	13	16	6	
GYPSUM		8						
OTHER		9						
OTHER		10						
P/P+Q	2	1	16	7 9	12	7	17	
PL/PL+KF		2	50	2 1	78	52	56	
D/D+C		3	24		39	62	19	
ORG. C	3	1					5	58
MIN. C		2				9 5		36
CALCITE		3				11		10
DOLOMITE		4				20		
ANALYS.	1		NO TS	NO TS	NO TS	BIO	BIS	
QUARTZ	2	1				X X X	X	X
CHERT		2				T R		X
FELDSPAR		3				X	X	X
MUSCOV.		4				X		X
BIOTITE		5				I R		S
CHLORITE		6				T R		
METAM.		7						
VOLC		8				X X X	X	X
CARB.		9						
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CH. TYPE	4	1						
INTRACL	4	1						
OOIDS		2						
PELLETS		3						
ACTD. SEM.		4						
FOSSIL	5	1	OTR	BRB, H X			SIZ FIS	X X
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/DIC	7	1						
D. GRADE		2						
SUPPORT	8	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	10	1	VF	VF	VF	VF	VF-F	
MAX. GRN.		2						
SD. STG.		3				G P	G P	
SD. RDG.		4						
SD. CEMT		5				G P, C	P, G	
HOR. LAM.	11	1		X		X		X
X-LAM.		2		X	X	X		
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	12	1	GN	GN, RD	RD, GN	TL, GN	LGY	
		2						
LITHOLO-	13	1	SLTST	SS, DTY	SS, DTY	SS, SLTY	SS	
GY		2						
(GENERA		3						
LIZED)		4						
		5						
		6						
		7						

SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	
FROM		3	1012	1025	1025	1033	
TO		4					
FIELD	2	1	7M-2 2-D	7M-2 2-D	7M-2 2-D	7M-2 2-D	
NUMBER		2	-17 M12	-17 M10	-17 M10	-17 M10	
GSC NUMBER	3	1	10 3 6 7 4	10 3 6 7 4	10 3 5 4 7	10 3 5 4 7	
QUARTZ	1	1	43 X	62 X	60 X	54 X	61 X
K-FSP.		2	4	1	1	2	2
PLAGIOCL.		3	5	4	4	4	3
MICA, IL.		4	2	2	2	1	2
CHL., KA.		5	2	1	2	1	2
CALCITE		6	32	17	21	26	24
DOLOMITE		7	7	23	10	7	6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		78	X1	63	62
PL/PL+KF		2	57	56	X3	21	21
D/D+C		3	19				
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		MOD TIS	MOD TIS	MOD TIS	MOD TIS	MOD TIS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	2	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
ACTD GRN		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
SG MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT		5					
HOR. LAM.	1	1			X	X	X
X-LAM.		2				X	
BIOTURB.		3		X			X
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	LGY	GY	GY	DGY
		2					
LITHOLOGY (GENERA LIPLD)	3	1	SS	SS	SS	SS	SLTY
		2					
		3					
		4					
		5					
		6					

SLCTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-1	RD-C-1	RD-C-1	RD-C-1	RD-C-1
FROM		3	1153	1156	1160	1174	1267
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-11153	-11156	-11160	-11174	-11267
DESC. NUMBER	3	1	C10,3,5,6,7,8,9	C10,3,5,6,7,8,9	C10,3,5,6,7,8,9,11	C10,3,5,6,7,8,12	C10,3,5,6,7,8,13
QUARTZ	1	1	62x	54x	55x	32x	52 1
K-FSP.		2	2	2	1	3	2
PLAGIOCL.		3	5	8	4	7	4
MICA, IL.		4	3	5	2	2	5
CHL., KA.		5	2	4	1	1	3
CALCITE		6	17	17	29	28	20
DOLOMITE		7	9	10	8	8	15
GYPSUM		8					
OTHER		9					
OTHER		10					10
F/F+G	2	1					74
PL/PL+KF		2	75	78	84	32	43
D/D+C		3	34	38	21	23	
ORG. C	3	1					4.53
MIN. C		2					20
CALCITE		3					16
DOLOMITE		4					
ANALYS.	1		MOITS	MOITS	MOITS	MOITS	FSL XXXX
QUARTZ	2	1					
CHERT		2					XX
FELDSPAR		3					X
MUSCOV.		4					X
BIOTITE		5					X
CHLORITE		6					
METAM.		7					
VOLC.		8					XXX
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]	4	1					
INTRACL.		1					
OOIDS		2					
PELLETS		3					
CTD. GRN		4					
FOSSIL	5	1				COUST x	
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
SR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. WF. DL	10	1	VF	VF	VF	VF	
MAX. GRN.		2					
SD. STG		3					
SD. RDG.		4					
SD. CONT		5					
BOR. LAM	1	1		x	x		x
X-LAM.		2	x	x			x
BIOTURB.		3	x				x
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	RD	NA	LPD	GRY	NA
LITHOLO		1	CLASTIC	FOLD	DIAPIR	[illegible]	SALT SPC
GY		2					
(GENERA		3					
LIZED)		4					
		5					
		6					

SELECTION	1	1	6-3-1	6-3-1	8-3-1	6-2-1	
ROCK UN.		2	RD-C-1	RD-C-1	BT-C-1	RD-C-1	RD-C-1
FROM		3	1267	1263	1276	1377	1408
TO							
FIELD	2	1	TM-12-D	TM-12-D	TM-12-D	TM-12-D	TM-12-D
NUMBERS			-1167	-1263	-1267	-1377	-1408
MAC. COMPON.	3	1	03 07 04	02 07 05	03 05 07	03 25 07	03 05 07
QUARTZ	1	1	31	21	55	50	52
K-FSP.		2	17	1	2	2	2
PLAGIOCL.		3	16	5	5	6	4
MICA, IL.		4	15	6	2	5	5
CHL., KA.		5	3	2	1	4	3
CALCITE		6	28	25	28	23	22
DOLOMITE		7	15	10	7	10	12
GYPSUM		8					
OTHER		9					
OTHER		10					9
F/F+Q	2	1	22	110	76	13	68
PL/PL+KF		2	59	136		77	35
D/D+C		3	35	130	21	30	
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		MOTTS	BIST	MOTTS	MOTTS	MOTTS
QUARTZ	2	1		XXXX			
CHERT		2					
FELDSPAR		3		X X			
MUSCOV.		4		X			
BIOTITE		5		X			
CHLORITE		6		X			
METAM.		7					
VOLC.		8					
CARB.		9		XXX			
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	2	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CT. D. GRN.		4					
FOSSIL	5	1		OOIDS	X COVS.	X	
FOSSIL		2			ARTHR.		
FOSSIL		3			TRAIL.	X	
FOSSIL		4			BRYO.		
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GRMA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CL. MATR.		5					
SD. GRADE	1	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG		3		G			
SD. RDG		4		P			
SD. CENT		5		CBL			
POR. LAM	1	1		X	X	X	X
X-LAM.		2		X	X	X	X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	GRY	GRY	GRY	GRY	GRN
LITHOLOGY (GENERAL LIPED.)	1	1	LIMSD	CLAYSTONE, MINOR LIMSTONE, MINOR SHALE	SHALE	CLAYSTONE	CLAYSDY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-1	RD-C-L	RD-C-1	RD-C-1	RD-C-1
FROM		3	1417	1436	1442	1557.5	1573
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-11417	-11436	-11442	-11557.5	-11573
OSC NUMBER	3	1	C10357110	C10357111	C10357112	C10357113	C1035711[illegible]
QUARTZ	1	1	52	46	42	42	47
K-FSP.		2	5	2	1	2	3
PLAGIOCL.		3	9	4	2	5	5
MICA, IL.		4	2	6	2	4	3
CHL., KA.		5	1	4	2	3	3
CALCITE		6	22	26	28	30	20
DOLOMITE		7	9	12	13	14	19
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	21	12	7	14	14
PL/PL+KF		2	68	65	62	72	68
D/D+C		3	30	32	26	32	49
ORG. C	3	1					
MIN. C		2	4.96				
CALCITE		3	27				
DOLOMITE		4	13				
ANALYS.	1		MO TS	MO TS	MO TS	MO TS	MO TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GEN.		4					
FOSSIL	5	1			BRACH X		OSTR X
FOSSIL		2			BRYO X		
FOSSIL		3			CSTR X		
FOSSIL		4			ORCON X		
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM	1	1	X	X		X	
X-LAM.		2	X	X			?
BIOTURB.		3			X		
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	GN	BD-GN	GN	SD
		2					
LITHOLOGY (GENERALIZED)	3	1	SS, SLTY	SLT, DY	SS, SLTY	SLT, SDL	SLT, SDY
		2					
		3					
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
FROM		3	1574	1578	1593	1616	1647
TO		4					
FIELD NUMBER	2	1–2	TM-72-D-15704	TM-72-D-15718	TM-72-D-15963	TM-72-D-16616	TM-72-D-11697
GSC NUMBER	3	1	C0035718	C00357[illegible]	C0035717	C0035718	C0035719
QUARTZ	1	1	41	61	62	69	8
K-FSP.		2	4	9	3	2	5
PLAGIOCL.		3	3	8	5	4	4
MICA, IL.		4	4	3	1	2	4
CHL., KA.		5	3	2	1	2	4
CALCITE		6	24	13	16	15	29
DOLOMITE		7	21	9	12	7	9
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	15	16			14
PL/PL+KF		2	47	63	69	66	61
D/D+C		3	46	40	42	35	22
ORG. C	3	1					
MIN. C		2		3.58			
CALCITE		3		17			
DOLOMITE		4		12			
ANALYS.	1		NO TS	TS	NO TS	NO TS	NO TS
QUARTZ	2	1		X X X X			
CHERT		2		TR			
FELDSPAR		3		X X			
MUSCOV.		4		X			
BIOTITE		5		X			
CHLORITE		6		X			
METAM.		7					
VOLC.		8					
CARB.		9		X X X			
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3						
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1	OSTR A				
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3		GP			
SD. RDG.		4					
SD. CEMT.		5		GRAN			
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2		X	X	X	
BIOTURB.		3	2				
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GY	GY	GY	GY	GY
LITHOLOGY (GENERALIZED)	3	1	SS, SLT	SS, SLTY	SS, SLTY	SS, SLTY	SS, [illegible] LM.
		2		W. LTLAM	W. TLLAM	W. TLLAM	
		3		SLT, SDY	SLT, SDY	SLT, SDY	

SECTION	1	1	5-3-11	6-2-1	5-2-1	6-3-1	
ROCK UN.		2	RD-C-1	RD-C-1	RD-C-1	RD-C-1	
FROM		3	1167	1233	1844	1267	
TO		4					
FIELD	2	1	1M-12-D	1M-12-D	1M-12-D	1M-12-D	
NUMBER		2	1R3	1R3	1R4	1R4	
OBS. NUMBER	3	1	10 2 2 7 2	10 2 2 7 2	10 2 2 7 2	10 3 5 7 2	
QUARTZ	1	1	53x	61x	63x	60x	
K-FSP.		2	4	7	2	2	
PLAG/OCL.		3	6	9	5	6	
MICA, IL.		4	2	4	2	2	
CHL., KA.		5	1	3	1	2	
CALCITE		6	25				
DOLOMITE		7	9	20	24	28	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	64	68	82	73	
PL/PL+KF		2	27	100	100	100	
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		MOD TS	MOD TS	MOD TS	MOD TS	
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG MATR.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
POR. LAM.	11	1	X	2 X	X	X	X
X-LAM.		2	X		X		X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	12	1	GN	GY	GY	LGY	GY
LITHOLOGY (GENERA LIZED)	13	1	SILT	SILT	SILT	SILT	SILT
		2					
		3					
		4					
		5					

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	[illegible]-3-1	6-3-1	6-3-1	6-3-L	6-3-L
ROCK UN.		2	RD.C-1	RD.C.1	RD.C.1	RD.C-1	RD.C.1
FROM		3	1875	1904	1108	1915	L142
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-1199[illegible]	-1170[illegible]	-11909	-1197[illegible]	-11723
DISC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	63	17	60	64	45
K-FSP.		2	2	[illegible]	5	2	3
PLAGIOCL.		3	9	[illegible]	8	6	4
MICA, IL.		4	3	[illegible]	2	3	5
CHL., KA.		5	3	[illegible]	1	2	4
CALCITE		6	6	17	9	13	17
DOLOMITE		7	14	14	15	10	22
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1				11	12
PL/PL+KF		2	83	53	63	75	60
D/D+C		3	69	40	31	43	56
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		NO TS	NO TS	NO TS	BS	SD TS
QUARTZ	2	1				X X X X	
CHERT		2					
FELDSPAR		3				X X	
MUSCOV.		4				X	
BIOTITE		5				X	
CHLORITE		6				X	
METAM.		7					
VOLC.		8					
CARB.		9				X X	
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1			SLT		
INTRACL.	4	1					
OOIDS -		2					
PELLETS		3					
CT. D. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MAT.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1		Δ			X
X-LAM.		2	X	Δ			
BIOTURB.		3			?	CONVOL	
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GN	GN	RD	RD	RD
LITHOLOGY (GENERALIZED)	3	1	SL, CB, SDY	SS, SDY, W. LT. LAM, SLT, SDY	SS, SDY	SLT, SDY	SLT, SDY

Field	Item	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1	SECTION	1	G-3-1	G-3-1	G-3-1	G-3-1	G-3-1
	ROCK UN.	2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
	FROM	3	1942	1960	1976	1990	1998
	TO	4					
2	FIELD	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
	NUMBER	2	-1940	-1960	-1976	-1990	-1998
3	GSC NUMBER	1	0035720	0035721	0035723	0035724	0035725
1	QUARTZ	1	49	55 X	59	57 X	52
	K-FSP.	2	2	2	3	2	3
	PLAGIOCL.	3	5	5	4	6	5
	MICA, IL.	4	5	4	3	4	2
	CHL., KA.	5	3	3	3	2	2
	CALCITE	6	25	22	18	17	23
	DOLOMITE	7	11	9	10	12	13
	GYPSUM	8					
	OTHER	9					
	OTHER	10					
2	F/F+Q	1	11		11		13
	PL/PL+KF	2	75	70	59	79	60
	D/D+C	3	32	30	37	41	36
3	ORG. C	1					
	MIN. C	2			4.11		
	CALCITE	3			20		
	DOLOMITE	4			13		
1	ANALYS.		NO TS	NO TS	ES	NO TS	NO TS
2	QUARTZ	1			XXXX		
	CHERT	2					
	FELDSPAR	3			XX		
	MUSCOV.	4			X		
	BIOTITE	5			X		
	CHLORITE	6			X		
	METAM.	7					
	VOLC.	8					
	CARB.	9			XXX		
	GYPSUM	10					
	OTHER	11	PY X				
	OTHER	12					
	OTHER	13					
	OTHER	14					
3	CB. TYPE	1					
4	INTRACL.	1					
	OOIDS	2					
	PELLETS	3					
	STD. GRN.	4					
5	FOSSIL	1					
	FOSSIL	2					
	FOSSIL	3					
	FOSSIL	4					
	FOSSIL	5					
	FOSSIL	6					
	FOSSIL	7					
	FOSSIL	8					
7	D/D+C	1					
	D. GRADE	2					
8	SUPPORT	1					
	GR. GRADE	2					
	GR/GR+MA	3					
	MA. GRADE	4					
9	PHENOCL.	1					
	PHENOCL.	2					
	PHENOCL.	3					
	PHENOCL.	4					
	GG. MATR.	5					
	SD. GRADE	1	VF	VF	VF	VF	VF
	MAX. GRN.	2					
	SD. STG.	3					
	SD. RDG.	4					
	SD. CENT.	5					
1	HOR. LAM	1	X	X	X	X	?
	X-LAM.	2				X	?
	BIOTURB.	3					?
	OTHER	4					
	OTHER	5					
	OTHER	6					
2	COLOUR	1	GN	GN	RD	GN	RD
		2					
3	LITHOLOGY (GENERALIZED)	1	SL, L, SDY	SLT, L, DY	SLT, L, SDY	SL, SDY [illegible]	SS, SLTY
		2				W. 1 LAM	
		3				SLT	
		4					
		5					
		6					

	Card	Line	1	2	3	4	5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
FROM		3	2006	2019	2052	2056	2074
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-2006	-2017	-2052	-2087	-2074
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	60	58	58	56 x	39 x
K-FSP.		2	1	2	2	8	2
PLAGIOCL.		3	4	6	2	5	21
MICA, IL.		4	4	2	2	2	2
CHL., KA.		5	2	1	1	1	1
CALCITE		6	19	22	14	19	24
DOLOMITE		7	10	12	13	9	11
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	8	14	10		90
PL/PL+KF		2	73	76	76	36	32
D/D+C		3	35	35	40	35	
ORG. C	3	1					
MIN. C		2	3.66		4.73		
CALCITE		3	19		22		
DOLOMITE		4	11		16		
ANALYS.	1	1	ES	MOI TS	ES	MOI TS	MOI TS
QUARTZ	2	1	XXXX		XXXX		
CHERT		2					
FELDSPAR		3	X		XX		
MUSCOV.		4	X		X		
BIOTITE		5	X		X		
CHLORITE		6	X		TR		
METAM.		7					
VOLC.		8					
CARB.		9	XXX		XXX		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1		VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2		X	X		
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GN	RD	RD	GN	[illegible]
		2					
LITHOLOGY (GENERALIZED)	3	1	SLT	SS (FN)	SLT, SDY	SD, SDY	SS, SLTY
		2		W/LAM			
		3		SLT			
		4					
		5					
		6					

	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-2-1	6-2-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.1	RD.C.1	RD.C.1
FROM		3	2113	2119	2115	215[illegible]	2212
TO		4					
FIELD	2	1	7M-72-D	7M-72-D	7M-72-D	7M-72-D	7M-72-D
NUMBER		2	-1211[illegible]	-12119	-12115	-[illegible]	-12212
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	50	48	2	27	51
K-FSP.		2	2	2		2	1
PLAGIOCL.		3	5	4		5	8
MICA, IL.		4	3	4		3	2
CHL., KA.		5	2	2		2	1
CALCITE		6	22	28		17	15
DOLOMITE		7	12	12		14	14
GYPSUM		8			93		
OTHER		9					
OTHER		10					
F/F+Q	2	1	12	10	0		
PL/PL+KF		2	74	65		74	96
D/D+C		3	36	31		45	47
ORG. C	3	1					
MIN. C		2	5.03				
CALCITE		3	25				
DOLOMITE		4	16				
ANALYS.	1		ES	NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1	X X X X				
CHERT		2					
FELDSPAR		3	X X				
MUSCOV.		4	X				
BIOTITE		5	X				
CHLORITE		6	X				
METAM.		7					
VOLC.		8					
CARB.		9	X X X				
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CA. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD GRN.		4					
FOSSIL	5	1					GRM
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1	X	X		X	
X-LAM.		2					X
BIOTURB.		3					
OTHER		4	BRC				
OTHER		5					
OTHER		6					
COLOUR	2	1	RD	RD	RD, GN	GN, RD	RD
		2					
LITHOLOGY (GENERALIZED)	3	1	SLT, SDY	SLT, SDY	SLT, SDY	SS, SLTY	SLT, SDY
		2			[illegible] GYP		
		3			VEIN		
		4					
		5					
		6					

SECTION	1	1	1-3-1	1-3-1	1-3-1	1-3-1	1-3-1
ROCK UN.		2	RD.C.1	RD.C.1	RD.C.2	RD.C.2	RD.C.2
FROM		3	2217	2317	2768	2538	2422
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	1212	1212	1216	1215	1312
DISC. NUMBER	3	1	1013	1014	1015	1016	1017
QUARTZ	1	1	26	47	61	61	71
K-FSP.		2	2	1	3	3	5
PLAGIOCL.		3	7	3	2	5	6
MICA, IL.		4	2	5	4	5	3
CHL., KA.		5	1	2	3	3	2
CALCITE		6	20	19	1	2	
DOLOMITE		7	12	10	22	27	37
GYPSUM		8					
OTHER		9					
OTHER		10					19
F/F+R	2	1			14	56	51
PL/PL+KF		2	32	47	52	59	100
D/D+C		3	35	25	25	33	
ORG. C	3	1					
MIN. C		2					
CALCITE		3			35		
DOLOMITE		4			23		
ANALYS.	1		MD TS	MD TS	MD TS	MD TS	MD TS
QUARTZ	2	1			XXX		
CHERT		2			XX		
FELDSPAR		3			X		
MUSCOV.		4			X		
BIOTITE		5			TR		
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9			XX2		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]		1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
CTD. SED.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
EG. MATS.		5					
SD. GRADE	1	1	VF	VF	VF	VF	VF
MAX. GRV.		2					
SD. STG.		3			3		
SD. RDG.		4			3		
SD. CONT		5			3	3	
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2			X		
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	MD	PN	BM	MD	PN PP
		2					
LITHOLO-	1	1	SLTY	SLTY	SLTY	SLTY	SLTY
GY		2					
(GENERA-		3					
LIZED)		4					
		5					
		6					

SLCTION	1	1	6-3-1	6-3-L	6-3-1	6-3-1	6-3-L	
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	
FROM		3	2525	2601	2011	2011	2700	
TO		4						
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D	
NUMBER		2	-1525	-1601	-2601	-3011	-1700	
DESC. NUMBER	3	1	00	00	00	00	00	
QUARTZ	1	1	40	60	27	50	51	
K-FSP.		2	2	4	2	2	2	
PLAGIOCL.		3	5	4	4	5	5	
MICA, IL.		4	6	4	4	2	5	
CHL., KA.		5	3	2	3	2	2	
CALCITE		6					15	
DOLOMITE		7	35	26	25	34	12	
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	14	12			12	
PL/PL+KF		2	68	52	72	67	70	
D/D+C		3	100	100	100	100	44	
ORG. C	3	1					4.37	
MIN. C		2					19	
CALCITE		3					16	
DOLOMITE		4						
ANALYS.	1		MOTTS	MOTTS	MOTTS	MOTTS	ES	
QUARTZ	2	1					XXXX	
CHERT		2					XX	
FELDSPAR		3					X	
MUSCOV.		4					X	
BIOTITE		5					X	
CHLORITE		6					X	
METAM.		7						
VOLC.		8						
CARB.		9					XXX	
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CARBONATE	1	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1					SRX	X
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	6	1						
SR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
EG MATR.		5						
SD. GRADE	8	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CEMT		5						
HOR. LAM	1	1				X	X	
X-LAM.		2		?	X	X	X	
BIOTURB.		3						X
OTHER		4					SCC	
OTHER		5						
OTHER		6						
COLOUR	1	1	RD	RD	RD	RD	RD	RD
LITHOLOGY (GENERA LIZED)	2	1	SILTSTONE	SILTSTONE	SILTSTONE	SILTSTONE	SILTSTONE	SILTSTONE
		2						
		3						
		4						
		5						

SECTION	1	1	C-3-1	C-2-1	C-3-1	C-3-1	C-3-1
ROCK UN.		2	KD-C-2	KD-C-2	KD-C-2	KD-C-2	KD-C-2
FROM		3	270	270	272	280	280
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-27031	-27030	-27032	-28001	-28011
DISC. NUMBER	3	1	10358	10358	10360	10362	10362
QUARTZ	1	1	56		51	43	
K-FSP.		2	2		19	5	
PLAGIOCL.		3	4		6	6	
MICA, IL.		4	5		3	2	
CHL., KA.		5	3		2	2	
CALCITE		6	18		5	30	
DOLOMITE		7	12		14	12	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1				20	
PL/PL+KF		2	65		24	52	
D/D+C		3	35		76	48	
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		NO TIS	TIS	NO TIS	NO TIS	TIS
QUARTZ	2	1		X X X X			X X X
CHERT		2					X X
FELDSPAR		3		X X			X
MUSCOV.		4		X			X
BIOTITE		5		X			X
CHLORITE		6		X			
METAM.		7		X X			
VOLC.		8					X X X
CARB.		9		X X X			
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CARB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. SCH.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MI. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG. MATR.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3		G			G
SD. RDG.		4		D			D
SD. CENT.		5		X			
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2			X	X	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GN	GY	RD	LBR	GN
		2					
LITHOLOGY (GENERALIZED)	1	1	SLTD	SLTD	SLTD	SLTD	SLTD
		2			SLTD		
		3					
		4					
		5					
		6					

Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	2826	2830	2834	2833	2923
TO		4					
FIELD	2	1	TIM-72-D	TIM-72-D	TIM-72-D	TIM-72-D	TIM-72-D
NUMBER		2	-12826	-12830	-12834	-12833	-12923
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	C0407 67
QUARTZ	1	1	47	[illegible]	44	64 X	52
X-FSP.		2	4	2	2	3	2
PLAGIOCL.		3	5	6	2	7	9
MICA, IL.		4	2	3	5	3	3
CHL., KA.		5	3	2	3	2	2
CALCITE		6	23	17	14	9	17
DOLOMITE		7	13	15	27	23	15
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	17		12	69	18
PL/PL+KF		2	58	73	72	73	85
D/D+C		3	36	46	66		47
ORG. C	3	1					4. 78
MIN. C		2					19
CALCITE		3					17
DOLOMITE		4					
ANALYS.	1	1	NO TS	NO TS	NO TS	NO TS	RE X X X X
QUARTZ	2	1					
CHERT		2					X X
FELDSPAR		3					X
MUSCOV.		4					X
BIOTITE		5					X
CHLORITE		6					
METAM.		7					
VOLC.		8					X X X
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CRD. GRN.		4					
FOSSIL	5	1	[illegible]	3			[illegible] X
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MA-R.		5					
SD. GRADE	4	1	VF	VF			VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM	1	1	X		X	X	X
X-LAM.		2		X			X
BIOTURB.		3	X				
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	RD	RD	RD	RD	[illegible] RD
		2					
LITHOLOGY (GENERALIZED)	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		2					
		3					
		4					
		5					
		6					

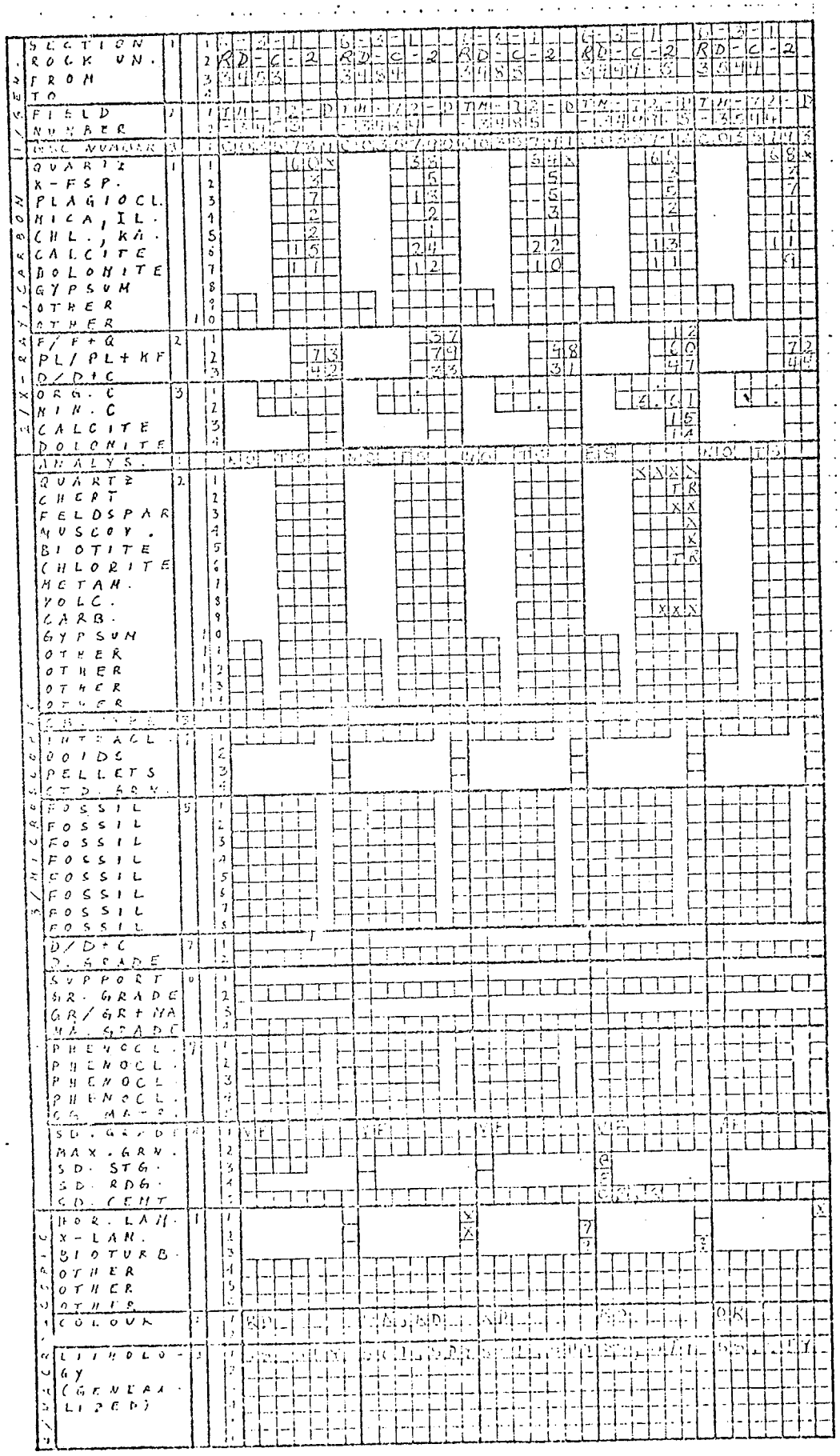
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-6-2	RD-6-2	RD-6-2	RD-6-2	RD-6-2
FROM		3	2 4 2	2 4 2	2 4 2	2 4 2	2 4 5 6
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	2 9 2 7	2 9 2 3	2 9 3 2	2 9 4 1	2 9 5 7
GSC NUMBER	3	1	10 5 7 6	10 5 7 6	10 5 7 6	10 5 7 6	10 5 7 6
QUARTZ	1	1	5 6 X	6 3 X	5 4 X	4 7	5 5 X
K-FSP.		2	3	2	4	2	7
PLAGIOCL.		3	7	3	3	4	5
MICA, IL.		4	4	5	4	3	3
CHL., KA.		5	2	2	2	2	2
CALCITE		6	1 2	1 1	8	30	19
DOLOMITE		7	1 6	1 5	1 4	1 2	9
GYPSUM		8					
OTHER		9					
OTHER		10					
F/FFQ	2	1				12	
PL/PL+KF		2	7 1	6 3	7 6	6 5	12 2
D/D+C		3	5 6	5 8	6 0	2 9	3 2
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.		1	MOL TS	MOL TS	MOL TS	MOL TS	MOL TS
QUARTZ	2	1					
CHERT		2					
FELDSPAR		3					
MUSCOV.		4					
BIOTITE		5					
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CL. MATS.		5					
SD. GRADE	8	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM.	1	1				X	X
X-LAM.		2		X	X	X	X
BIOTURB.		3		X			
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	MN	RD	RD	MN RD	MN
		2					
LITHOLO-	3	1	DOLOMITE	SILTY	SILTY	SILTY	SILTY
GY		2					
(GENERA-		3					
LIZED)		4					
		5					
		6					

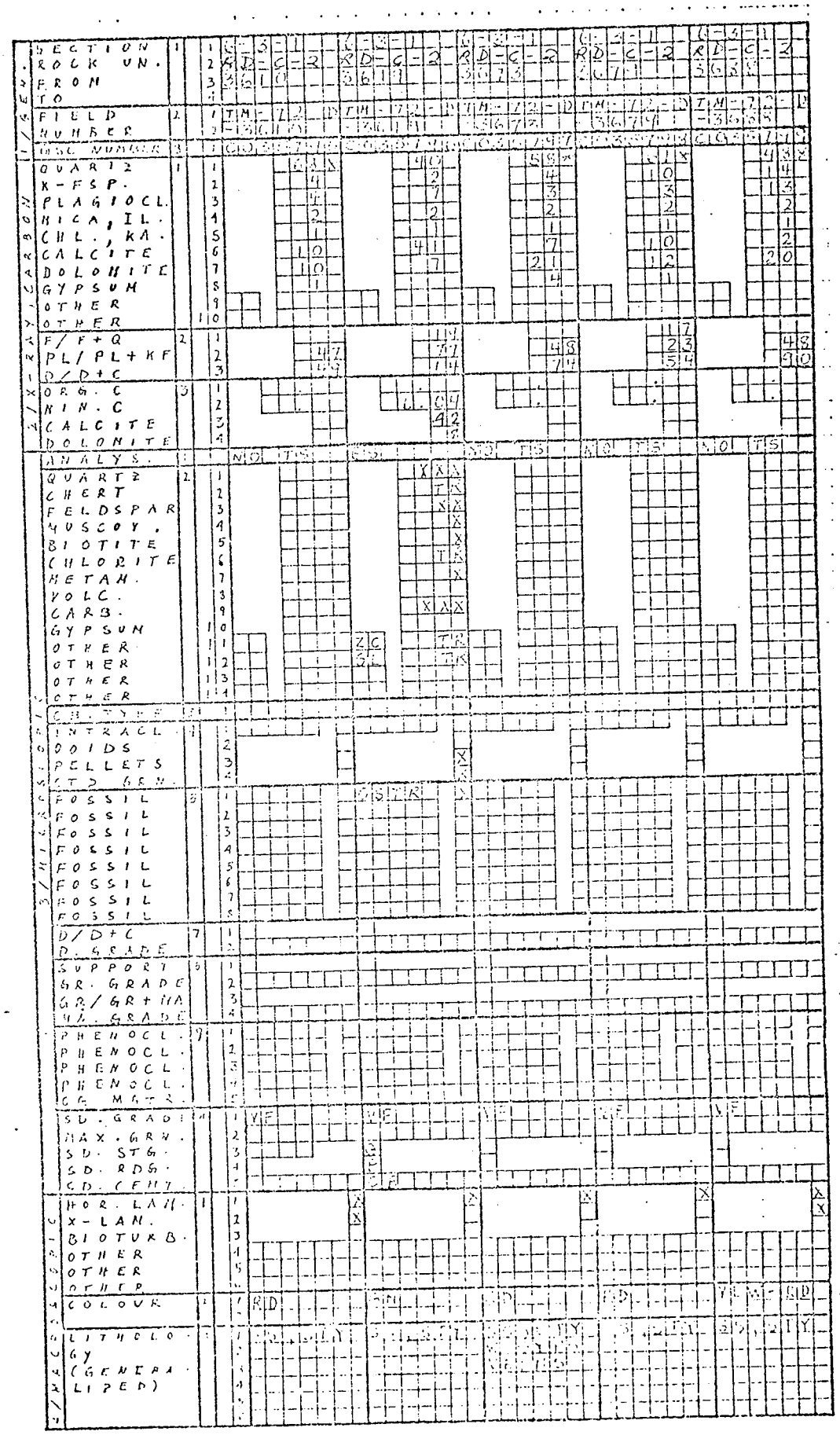
Group	Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
	ROCK NO.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
	FROM		3	2178	2913	3011	3016	3035
	TO		4					
	FIELD NUMBER	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
			2	-2178	-2913	-3011	-3016	-3035
	OGL NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2/X-RAY, CARBON	QUARTZ	1	1	62	55	51	43	31
	K-FSP.		2	3	9	3	3	2
	PLAGIOCL.		3	5	5	5	4	6
	MICA, IL.		4	2	1	2	3	2
	CHL., KA.		5	1	1	2	2	1
	CALCITE		6	11	8	19	23	27
	DOLOMITE		7	16	24	18	17	23
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	11		13	12	17
	PL/PL+KF		2	64	40	60	61	72
	D/D+C		3	60	79	50	42	46
	ORG. C	3	1					
	MIN. C		2	3.32				
	CALCITE		3	12				
	DOLOMITE		4	19				
3/THIN SECTION	ANALYS.	1		NO TS	NO TS	NO TS	NO TS	NO TS
	QUARTZ	2	1					
	CHERT		2					
	FELDSPAR		3					
	MUSCOV.		4					
	BIOTITE		5					
	CHLORITE		6					
	METAM.		7					
	VOLC.		8					
	CARB.		9					
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	CTD. GRN.		4					
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	10	1	VF		VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3					
	SD. RDG.		4					
	SD. CEMT.		5					
4/DESCRIPT.	HOR. LAM.	1	1	X		X	X	X
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	LGY		MD	RP	LGT-YLW
			2					
	LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			2		[illegible]			
			3					
			4					
			5					
			6					

	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.	KD-C-2	KD-C-2	KD-C-2	KD-C-2	KD-C-2
FROM	3056	3065	3112	3123	3131
TO					
FIELD NUMBER	7M-72-D -12066	7M-72-D -12065	7M-72-D -131 [illegible]	7M-72-D -121 [illegible]	7M-72-D -151 51
DSC NUMBER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	55	32	55	33	32
K-FSP.	4	2	2	6	2
PLAGIOCL.	7	3	5	7	4
MICA, IL.	3	6	6	2	3
CHL., KA.	2	2	2	2	2
CALCITE	19	29	12	21	42
DOLOMITE	10	17	18	9	9
GYPSUM					
OTHER					
OTHER					
F/F+Q		2[illegible]		20	14
PL/PL+KF	67	80	74	51	73
D/D+C	33	37	60	30	18
ORG. C				4.1[illegible]	
MIN. C	1.			2.13	
CALCITE				1[illegible]	
DOLOMITE					
ANALYS.	NO TS	NO TS	NO TS	TS	NO TS
QUARTZ				XXXX	
CHERT				TR	
FELDSPAR				XX	
MUSCOV.				X	
BIOTITE				X	
CHLORITE				TR	
METAM.					
VOLC.					
CARB.				XXX	
GYPSUM					
OTHER					
OTHER					
OTHER					
OTHER					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	1-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-2	RD-C-3	RD-C-2	RD-C-2	RD-C-3
FROM		3	3143	3149	3234	3264	3274.3
TO		4					
FIELD	2	1	TM-72-L	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-4143	3149	-3234	-3264	-3274.5
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	46	57		59	56
K-FSP.		2	1	4		4	2
PLAGIOCL.		3	4	4		6	8
MICA, IL.		4	6	2		1	2
CHL., KA.		5	2	1		2	1
CALCITE		6	30	16		17	15
DOLOMITE		7	11	16		11	7
GYPSUM		8					9
OTHER		9					
OTHER		10					
F/F+Q	2	1	10				
PL/PL+KF		2	80	51		57	78
D/D+C		3	27	50		39	33
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1	1	NO TS	NO TS	[illegible]	NO TS	NO TS
QUARTZ	2	1			XXXX		
CHERT		2					
FELDSPAR		3			XX		
MUSCOV.		4			X		
BIOTITE		5			X		
CHLORITE		6			X		
METAM.		7					
VOLC.		8					
CARB.		9			XXX		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD GRN		4					
FOSSIL	5	1	BRM.[illegible] X				
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	8	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM.	1	1	X		X	X	X
X-LAM.		2					X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	RD, GN	RD	RD	RD	GN
		2					
LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		2					
		3					
		4					
		5					
		6					

Section labels (left margin): 1/GEN.; 2/X-RAY, CARBON; 3/MICROSCOPIC; 1/SED. STRUCT.; 2/COLOUR; 3/LITHOLOGY


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
REC NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
STD. GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
GG. MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CEMT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERA
LIZED)


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
MSC. NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
CH. TYPE
INTRACL.
OOIDS
PELLETS
CTD GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
CG MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CENT.
HOR. LAM.
X-LAN.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)

SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	3 6	3 1 1 0	3 7 6 3	3 3 0 9
TO		4				
FIELD	2	1	TN-72-D	TN-72-D	TN-72-D	TN-72-D
NUMBER		2	3 4	3 7 1 0	3 7 6 3	3 3 0 9
DISC. NUMBER	3	1	0 0 0 0	0 0 1 2	0 0 0 3	0 0 0 4
QUARTZ	1	1	3 0	4 5	3 7	3 2
K-FSP.		2	1	7		4
PLAGIOCL.		3	3	8	2	6
MICA, IL.		4	2	2	3	2
CHL., KA.		5	1	1	3	1
CALCITE		6	2	1 7	2 4	1 5
DOLOMITE		7	6 1	2 0	1 0	1 4
GYPSUM		8			2	
OTHER		9				
OTHER		10				
F/F+Q	2	1	1 1	2 4	1 4	1 4
PL/PL+KF		2	6 8	5 4	7 0 0	4 2
Q/Q+C		3	9 7	5 5	3 1	4 3
ORG. C	3	1				
MIN. C		2	8 4 7		5 3 7	
CALCITE		3	7 8			1 6
DOLOMITE		4	6 5			1 6
ANALYS.	1		NO TS	NO TS	NO TS	NO TS
QUARTZ	2	1	X X X		X X X	X
CHERT		2	T R			T R
FELDSPAR		3	X			X X
MUSCOV.		4	X			X
BIOTITE		5	X			X
CHLORITE		6	T R			X
METAM.		7				T R
VOLC.		8				
CARB.		9	X X X X		X X X	
GYPSUM		10				
OTHER		11	C C T R			
OTHER		12				
OTHER		13				
OTHER		14				
CR. TYPE	4	1				
INTRACL.	4	1				
OOIDS		2				
PELLETS		3				
CTD. SEN.		4				
FOSSIL	5	1	SIGNIT			
FOSSIL		2				
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2	C-MIC			
SUPPORT	6	1				
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	7	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
GR. MATR.		5				
SD. GRADE	4	1	VF	VF	VF	VF
MAX. GRN.		2				
SD. STG.		3				G
SD. RDG.		4				P
SD. CENT		5				
BOR. LAM.	1	1		X		X
X-LAN.		2			X	
BIOTURB.		3		?		?
OTHER		4	S S C			
OTHER		5				
OTHER		6				
COLOUR	2	1	GR	RD	BR	GR
		2				
LITHOLOGY (GENERAL LIZED)	3	1	D T	P E Y	B U T	B D Y
		2	O L Y	R D R		
		3	S I T	A V S		
		4	S I T	S D Y		
		5				
		6				

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	3856	3872	3971	3810	4000
TO		4					
FIELD NUMBER	2	1–2	TN-72-D-3856	TN-72-D-3872	TN-72-D-3971	TN-72-D-3810	TN-72-D-4000
DISC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	47	62	41	50	54
K-FSP.		2	4	2	2	2	5
PLAGIOCL.		3	7	11	5	6	5
MICA, IL.		4	5	1	5	1	6
CHL., KA.		5	2	1	1	3	2
CALCITE		6	22	14	35	15	17
DOLOMITE		7	13	9	11	17	10
GYPSUM		8				6	
OTHER		9					
OTHER		10					
F/F+Q	2	1	18		16	15	15
PL/PL+KF		2	62	86	72	74	47
D/D+C		3	37	38	24	54	36
ORG. C	3	1					3.31
MIN. C		2					16
CALCITE		3					10
DOLOMITE		4					
ANALYS.	1		MO TS	MO TS	NO TS	NO TS	ES
QUARTZ	2	1					XXXX
CHERT		2					XX
FELDSPAR		3					X
MUSCOV.		4					X
BIOTITE		5					X
CHLORITE		6					X
METAM.		7					
VOLC.		8					XXX
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3						
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	3	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT.		5					
HOR. LAM.	1	1	X	X		X	X
X-LAM.		2				X	X
BIOTURB.		3			3		EBC
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	SD	RD	RD [illegible]	RD	RP
LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	[illegible]	[illegible]	SLT, SDY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-1	6-3-1	6-3-1	6-3-1	6-3-1
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RI-C-2
FROM		3	4015	4060	4085	4153	4228
TO		4					
FIELD	2	1	TM-72-D	TM-72-D	TM-72-D	TM-72-D	TM-72-D
NUMBER		2	-14015	-14060	-14085	-14153	-14228
OSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	51	52	55	65	60
K-FSP.		2	3	7	7	4	6
PLAGIOCL.		3	9	9	4	6	8
MICA, IL.		4	3	3	3	1	2
CHL., KA.		5	2	2	1	1	1
CALCITE		6	23	14	19	11	8
DOLOMITE		7	9	12	11	12	12
GYPSUM		8		1			3
OTHER		9					
OTHER		10					
F/F+Q	2	1	20	56	36		56
PL/PL+KF		2	75	47	37		58
D/D+C		3	28				
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.			NO TS	NO TS	ES	ES	NO TS
QUARTZ	2	1			XXXX	XXXX	
CHERT		2			TR		
FELDSPAR		3			XX	XX	
MUSCOV.		4			X	X	
BIOTITE		5			X	X	
CHLORITE		6			TR	TR	
METAM.		7			TR		
VOLC.		8					
CARB.		9			XXX	XXX	
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	8	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3			G		
SD. RDG.		4			P		
SD. CEMT.		5			CR, S		
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2		X			
BIOTURB.		3	?				
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	RD	RD	RD	RD	[illegible]
LITHOLOGY (GENERALIZED)	3	1	SLT, DPY	SS, SLT	SS, SLTY	SLT, SDY	SS, SLTY

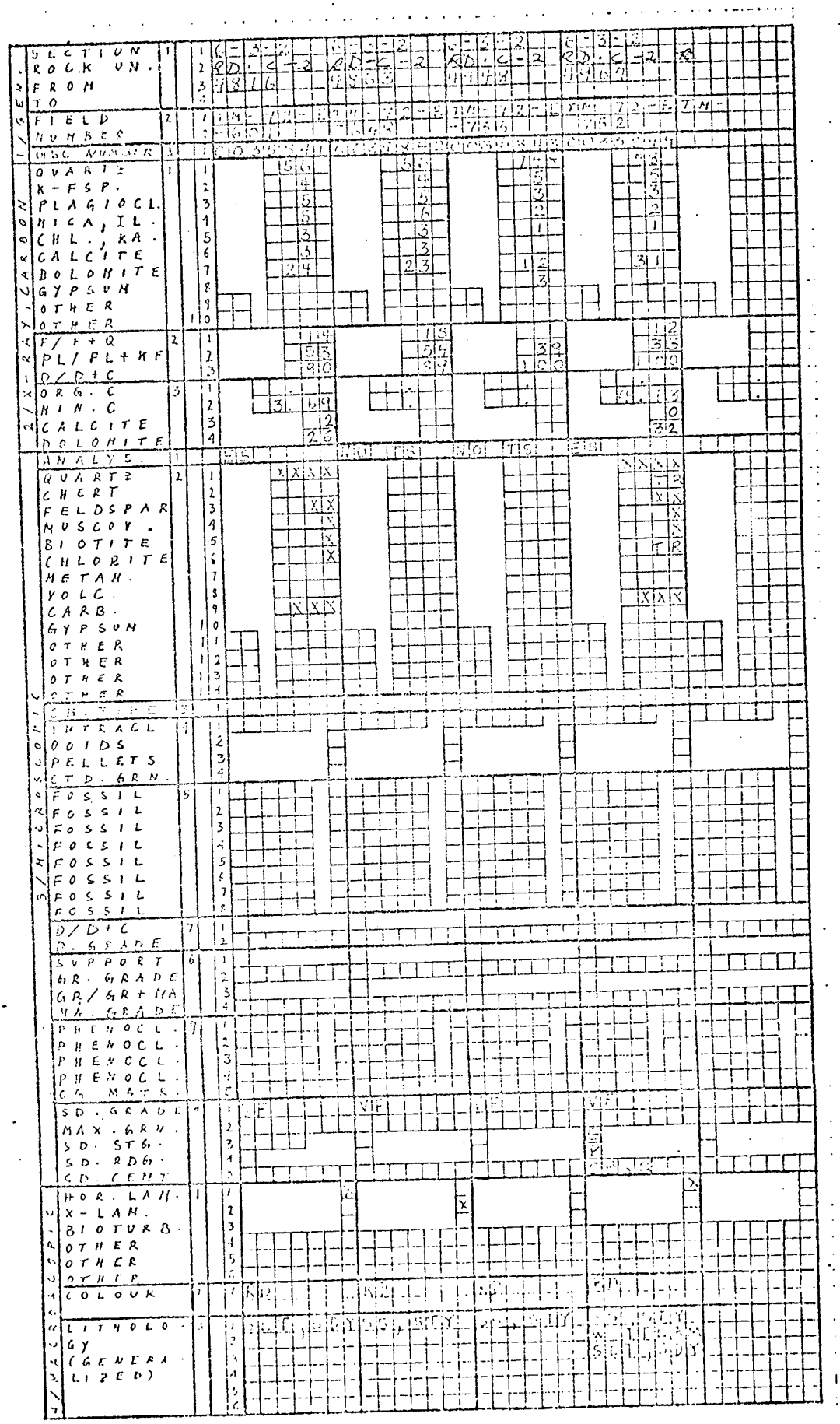
SECTION	1	1	6-3-1	6-3-1	6-3-2	6-3-3	6-3-2
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	1219	4250	7218	7233	9245
TO		4					
FIELD	2	1	10-12-D	14-17-D	7N-72-5	7N-72-6	7N-72-E
NUMBER		2	-1129	-1515	-131	-119	-135
DSC. NUMBER	3	1	0 0 3 5 1 0	0 0 3 5 1 0	0 0 3 5 1 0	0 0 3 5 1 0	0 0 3 5 1 0
QUARTZ	1	1	65	35	66	66	54
K-FSP.		2	6	2	7	7	5
PLAGIOCL.		3	5	4	6	7	5
MICA, IL.		4	6	1	1	2	2
CHL., KA.		5	3		1	2	1
CALCITE		6		1			
DOLOMITE		7	25	18	19	16	35
GYPSUM		8		35			
OTHER		9					
OTHER		10					
F/F+Q	2	1	17	15	16	19	17
PL/PL+KF		2	42	69	47	49	49
D/D+C		3	100	94	100	100	100
ORG. C	3	1					
MIN. C		2		01			.42
CALCITE		3		7R			0
DOLOMITE		4		7			34
ANALYS.	1		MOTS	MOTS	MOTS	MOTS	
QUARTZ	2	1		XXX			XXXX
CHERT		2					TR
FELDSPAR		3		XX			X
MUSCOV.		4		X			X
BIOTITE		5		X			X
CHLORITE		6					TR
METAM.		7					
VOLC.		8					
CARB.		9		XX			XXX
GYPSUM		10		XXX			
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	4	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRV.		2					
SD. STG.		3					CP
SD. RDG.		4					
SD. CENT		5		CP, CR			CP, CR
HOR. LAM.	1	1	X		X	X	X
X-LAM.		2	X		X	X	X
BIOTURB.		3					
OTHER		4					TRC
OTHER		5					
OTHER		6					
COLOUR	2	1	GY	RD	RD	RD	GY
		2					
LITHOLO-	3	1	SILTY	SILTY	SILTSTONE	SILTY	
GY		2		WINN			
(GENERA-		3		MINS			
LIZED)		4					
		5					
		6					

SECTION	1	1	9-3-2	9-3-2	1-3-2	6-3-2	9-3-2
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	4125	4135	4136	4267	4262
TO		4					
FIELD	2	1	TM-72-E	TM-72-E	TM-72-E	TM-72-E	TM-72-E
NUMBER		2	-4343	-4444	-4343	-4347	-4347
OBS. NUMBER	3	1	103	104	105	106	107
QUARTZ	1	1	59	56	47	52	71
K-FSP.		2	8	4	11	8	7
PLAGIOCL.		3	4	4	5	7	5
MICA, IL.		4	1	1	2	2	1
CHL., KA.		5	1	1	1	1	tr
CALCITE		6				1	
DOLOMITE		7	18	22	18	22	10
GYPSUM		8	9	1	16		
OTHER		9					
OTHER		10					
F/F+Q	2	1	17	16			13
PL/PL+KF		2	33	73	30	58	44
D/D+C		3	100	100	100	95	100
ORG. C	3	1					.44
MIN. C		2	.21	.72			0
CALCITE		3	.10	.0			11
DOLOMITE		4	.16	.21			
ANALYS.	1	1	ESI	ESI	ESI	ESI	ESI
QUARTZ	2	1	XXXX	XXXX			XXXX
CHERT		2					XX
FELDSPAR		3	XX	XX			X
MUSCOV.		4	X	X			X
BIOTITE		5	X	X			TR
CHLORITE		6	TR	TX			
METAM.		7					
VOLC.		8					XX
CARB.		9	XX	XX			
GYPSUM		10	XX	X			
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	1	1	VF	VF	VF	VF	VF
MAX. GRN.		2					G
SD. STG.		3	G				P
SD. RDG.		4	P				
SD. CENT		5	PSI	PSI			PSI
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	RD	RD	RD	RD	OR
LITHOLO-	3	1	PRIMARY		SECONDARY		PRIMARY
GY		2	MINERAL		MINERAL		MINERAL
(GENERA-		3	VEINS		VEINS		
LIZED)		4					

Item	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	6-3-2	6-3-2	1-3-2	6-3-2	6-3-2
ROCK UN.		2	RD-C-2	RD-C.2	RD-C-2	RD-C.3	RD.C-3
FROM		3	1271	4315	4375	9977	4465
TO		4					
FIELD NUMBER	2	1	1B-72-E	7M-72-E	7M-72-L	7M-72-E	7M-72-E
		2	-158	-160	-1160	-1202	-250
GSC NUMBER	3	1	[illegible]	[illegible]	C035[illegible]	C035[illegible]	C035[illegible]
QUARTZ	1	1	55	70	67	67	[illegible]
K-FSP.		2	4	5	7	5	2
PLAGIOCL.		3	22	4	9	7	7
MICA, IL.		4	2	1	2	1	1
CHL., KA.		5	1	1	1	1	
CALCITE		6	1			17	17
DOLOMITE		7	14	19	18		1
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		13		15	
PL/PL+KF		2	84	49	57	58	47
D/D+C		3	93	100	100	100	100
ORG. C	3	1	.	2.63	.	2.45	.
MIN. C		2					
CALCITE		3		0		0	
DOLOMITE		4		20		79	
ANALYS.	1		NO TS	TS	NO TS	TS	NO TS
QUARTZ	2	1		XXXX		XXXX	
CHERT		2				TR	
FELDSPAR		3		XX		XX	
MUSCOV.		4		X		X	
BIOTITE		5		X		X	
CHLORITE		6		TR		TR	
METAM.		7					
VOLC.		8					
CARB.		9		XX		XX	
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	6	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3		G		G	
SD. RDG.		4		O		O	
SD. CEMT.		5		C[illegible]		[illegible]	
HOR. LAM.	1	1	X		X		X
X-LAM.		2	X	?	X	?	X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	RD	RD, GN	RD, GN	GN	GN
		2					
LITHOLOGY (GENERALIZED)	3	1	SS, SLT	[illegible], SLT	SS, SLT	SS, SLT	[illegible]
		2					
		3					
		4					
		5					
		6					

Group	Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	C-3-2	C-3-2	C-3-2	C-3-2	C-3-2
	ROCK UN.		2	KD-C-2	KD-C-2	KD-C-2	KD-C-2	KD-C-3
	FROM		3	4471	4422	4565	4612	4517
	TO		4					
	FIELD	2	1	TM-72-E	TM-72-E	TM-72-E	TM-72-E	TM-72-E
	NUMBER		2	-[illegible]976	-[illegible]	-3350	-3977	-[illegible]
	OSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2/X-RAY/CARBON	QUARTZ	1	1	79X	60X	55	79X	34
	K-FSP.		2	4	14	5	9	15
	PLAGIOCL.		3	4	3	4	4	7
	MICA, IL.		4		1	2	1	2
	CHL., KA.		5		1	1		2
	CALCITE		6		2	24		4
	DOLOMITE		7	13	19	9	8	36
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1			14		40
	PL/PL+KF		2	49	18	47	35	32
	D/D+C		3	100	92	27	100	90
	ORG. C	3	1			.11		
	MIN. C		2			25		
	CALCITE		3			71		
	DOLOMITE		4					
3/...	ANALYS.	1	1	NO TS	NO TS	TS	NO TS	NO TS
	QUARTZ	2	1			XXXX		
	CHERT		2			XX		
	FELDSPAR		3			X		
	MUSCOV.		4			X		
	BIOTITE		5					
	CHLORITE		6			I X		
	METAM.		7					
	VOLC.		8			XXX		
	CARB.		9					
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	C.B. TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	CTD. GRN.		4					
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	8	1	VF-F	VF	VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3					
	SD. RDG.		4					
	SD. CEMT.		5					
4/SED. STRUCT.	HOR. LAM.	1	1	X	X	X	X	X
	X-LAM.		2		X			
	BIOTURB.		3			BNC		
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	RD	[illegible]	[illegible]	[illegible]	GN, RD
	LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible], SLT	SLT, DLY	[illegible]	SLT, SD
			2	[illegible]DS				
			3	VEIN				
			4					
			5					
			6					

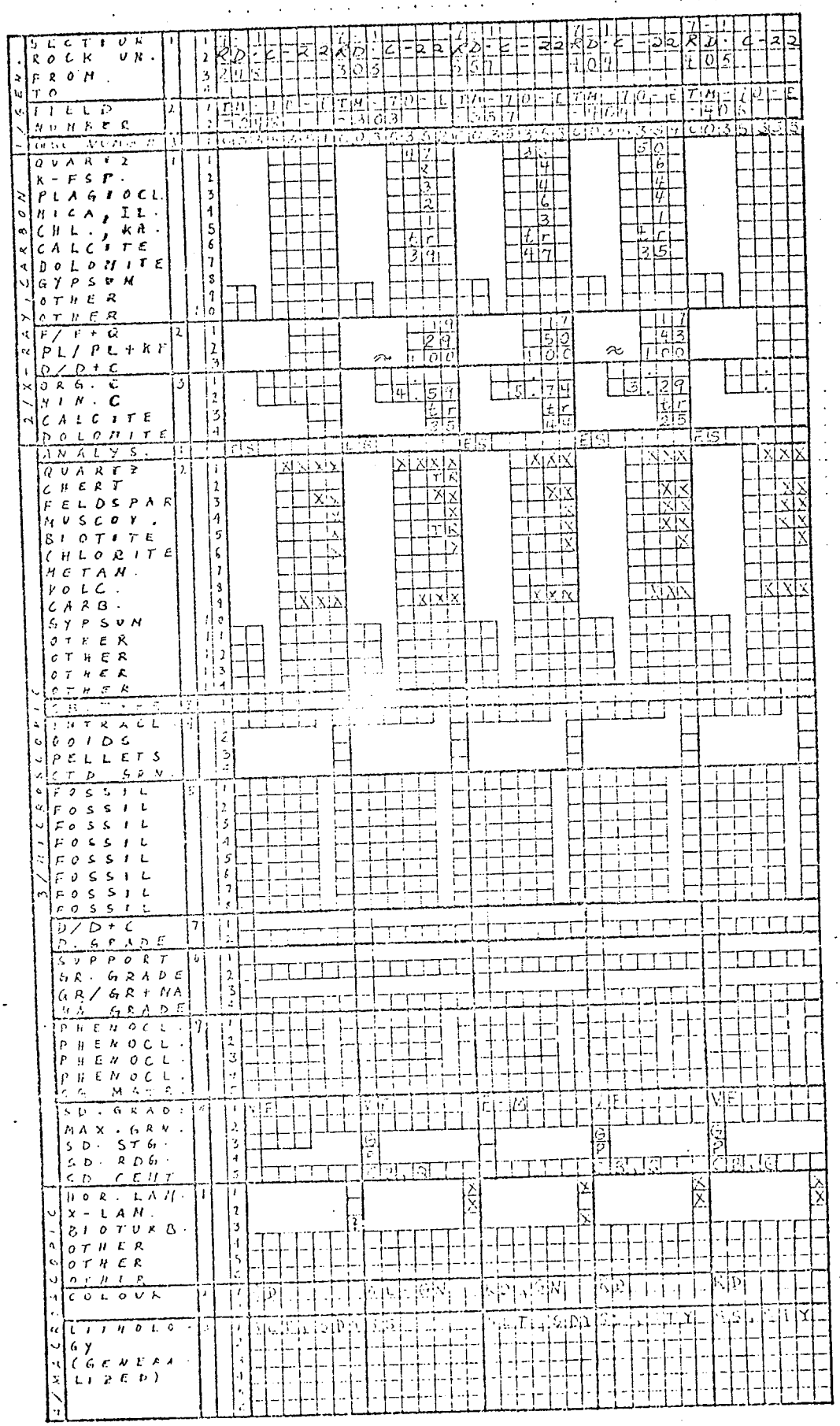
1/ SECTION	1	1	C-3-2	C-3-2	C-3-2	C-3-2	C-3-2	C-3-2
ROCK UN.		2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2	RD-C-2
FROM		3	4 6 6 8	4 6 8 2	7 7 4 5	7 7 0	4 7 9 2	
TO		4						
FIELD	2	1	TM-72-E	TM-72-E	TM-72-E	TM-72-E	TM-72-E	TM-72-E
NUMBER		2	4 6 1 4	7 6 7	5 2 8	5 5 5	5 7 7	
GSC NUMBER	3	1	10 9 5 8	10 6 3 5	8 3 7	10 9 5	10 4 5 8	10 9 5 8	10
2/ QUARTZ	1	1	5 1	0	7 6	4 5	5 1	
K-FSP.		2	8	5	6	3	3	
PLAGIOCL.		3	1 1	4	7	1 0	8	
MICA, IL.		4	1	2	2	1	2	
CHL., KA.		5	2	1	1		1	
CALCITE		6	1 0			2 4		
DOLOMITE		7	1 1	1 7	9	1 2	1 4	
GYPSUM		8		1 1			2 1	
OTHER		9						
OTHER		10						
F/F+Q	2	1	2 7			2 5		1 8
PL/PL+KF		2	5 7	4 7	5 2	6 7		7 0
D/D+C		3	4 7	0 0	1 0 0	5 8	1	0 0
2/ ORG. C	3	1						
NIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		MO TIS	MO TIS	MO TIS	MO TIS	MO TIS	
3/ QUARTZ	2	1						
CHERT		2						
FELDSPAR		3						
MUSCOV.		4						
BIOTITE		5						
CHLORITE		6						
METAM.		7						
VOLC.		8						
CARB.		9						
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
3/ CB. TYPE	3	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		5						
3/ FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
3/ SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
3/ PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
SG. MATR.		5						
3/ SD. GRADE	8	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CEMT		5						
3/ HOR. LAM.	1	1				X	X	
X-LAM.		2				X		
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
3/ COLOUR	2	1	GN	RD	RP	RD	RP	
		2						
3/ LITHOLOGY (GENERALIZED)	1	1	S PB	S PB	PB	S PB	PB	DY
		2		W CLP				W CLP
		3		VF LIMS				VF LIMS
		4						
		5						
		6						


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
MSC NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
Q/Q+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
CB. TYPE
INTRACL.
OOIDS
PELLETS
CTD. GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
Q/Q+C
Q. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
CG. MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
CD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)

SECTION	1	1	7-1	7-1	7-1	7-1	7-1	7-1
ROCK UN.		2	RD-C-22	RD-C-22	RD-C-22	RD-C-22	RD-C-22	RD-C-22
FROM		3	0	1	3.5	4	9	9-5
TO		4						
FIELD	2	1	TM-70-E	TM-70-E	TM-70-E	TM-70-E	TM-70-E	TM-70-E
NUMBER		2	-10	-11	-2-5	-11	-19	-5
ITEM NUMBER	1	1	003	5 2	6 003	5 3	7 003	5 3 8
QUARTZ	1	1	40			47		
K-FSP.		2	3			4		
PLAGIOCL.		3	3			4		
MICA, IL.		4	6			7		
CHL., KA.		5	3			3		
CALCITE		6	1			1		
DOLOMITE		7	44			37		
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	12			52		
PL/PL+KF		2	51			91		
D/DIC		3	97			97		
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		EIS	EIS	EIS	EIS	EIS	
QUARTZ	2	1	XXXX	XXXX	XXX	XXXX	XXXX	XXXX
CHERT		2			X		TR	TR
FELDSPAR		3	XX	X X	XX	XX	XX	XX
MUSCOV.		4	X		X	X	X	X
BIOTITE		5	X		X	X	X	X
CHLORITE		6	X		X	X	X	X
METAM		7						
VOLC.		8						
CARB.		9	XXX	XXX	XXX	XXX	XXXX	XXXX
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CB. TYPE	2	1						
INTRACL	3	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
GG MATS.		5						
SD. GRADE	8	1	VF	VF	VF	VF	VF	VF
MAX. GRN.		2						
SD. STG.		3		GS				GS
SD. RDG.		4		GR				GR
SD. CENT		5		CG CG				CG CG
HOR. LAM.	1	1		X	X	X	X	X
X-LAM.		2		X		X		
BIOTURB.		3						
OTHER		4		BRC	CONVOL			
OTHER		5			GRC			
OTHER		6						
COLOUR	2	1	RD-BN	YE-WH-OL	RD	GY	GY	
		2						
LITHOLO-	3	1	CLY, SD	YS, SLTY	SLTY, SD	CLY, SLTY	SD, SLTY	
GY		2						
(GENERA-		3						
LIZED)		4						
		5						
		6						

SUMMARY	SECTION	1	1	7-1	7-1	7-1	7-1
	ROCK UN.		2	RD.C-22	RD.C-22	RD.C-22	RD.C-22
	FROM		3	100	102	105	111
	TO		4				
	FIELD	2	1	TM-10Q-6	TM-10-E	TM-10-E	TM-10-E
	NUMBER		2	100	102	105	111
MODE	QUARTZ	1	1	50			
	K-FSP.		2	7			
	PLAGIOCL.		3	6			
	MICA, IL.		4	2			
	CHL., KA.		5	1			
	CALCITE		6				
	DOLOMITE		7	34			
	GYPSUM		8				
	OTHER		9				
	OTHER		10				
	F/F+Q	2	1	21			
	PL/PL+KF		2	47			
	D/D+C		3	100			
	ORG. C	3	1				
	MIN. C		2				
	CALCITE		3				
	DOLOMITE		4				
	ANALYS.	1		EIS	EIS	EIS	EIS
	QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX
	CHERT		2	TR		TR	XX
	FELDSPAR		3	XX	XX	X	X
	MUSCOV.		4	X	XX	X	X
	BIOTITE		5	X	XX	X	X
	CHLORITE		6	TR	X	X	X
	METAM.		7				
	VOLC.		8				
	CARB.		9	XXX	XXX	XXXX	XXX
	GYPSUM		10				
	OTHER		11				
	OTHER		12				
	OTHER		13				
	OTHER		14				
CARB. TYPE		4	1				
	INTRACL	4	2				
	OOIDS		3				
	PELLETS		4				
	CTD. GRN		5				
	FOSSIL	5	1				
	FOSSIL		2				
	FOSSIL		3				
	FOSSIL		4				
	FOSSIL		5				
	FOSSIL		6				
	FOSSIL		7				
	FOSSIL		8				
	D/D+C	7	1				
	D. GRADE		2				
	SUPPORT	8	1				
	GR. GRADE		2				
	GR/GR+MA		3				
	MA. GRADE		4				
	PHENOCL.	9	1				
	PHENOCL.		2				
	PHENOCL.		3				
	PHENOCL.		4				
	CG. MAT'L.		5				
	SD. GRADE	10	1	VF	VF	VF	VF
	MAX. GRV.		2				
	SD. STG.		3	GP	GP	GP	GP
	SD. RDG.		4	GP	GP	GP	GP
	SD. CENT		5	BL RS	BL RS	BL RS	BL RS
SEDIMENTARY	HOR. LAM.	1	1				X
	X-LAM.		2		X		X
	BIOTURB.		3		X		X
	OTHER		4				
	OTHER		5				
	OTHER		6				
	COLOUR	2	1	RD GN	RD	RD	GN RD GN
	LITHOLOGY	3	1	SANDSTONE	SANDSTONE	SANDSTONE	SANDSTONE
	GY		2				
	(GENERA		3				
	LIZED)		4				
			5				
			6				

SECTION	1	1	7	7	7	7	7	7
ROCK UN.		2	RD-C-22	RD-C-22	RD-C-22	RD-C-22	RD-C-22	RD-C-22
FROM		3	117-5	197	200	213	235	
TO		4						
FIELD	2	1	TM-70-E	TM-70-E	TM-70-E	TM-70-E	TM-70-E	TM-70-E
NUMBER		2	-117-61	-197	200	-213	-235	
DISC. NUMBER	3	1	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789
QUARTZ	1	1			35			4
K-FSP.		2			6			7
PLAGIOCL.		3			3			5
MICA, IL.		4			2			5
CHL., KA.		5			1			2
CALCITE		6			1/2 1			3
DOLOMITE		7			3 3			5 5
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1			1 5			4 4
PL/PL+KF		2			3 5			9 2
D/D+C		3			1 0 0			
ORG. C	3	1						3. 4 5
MIN. C		2						2 5
CALCITE		3						7
DOLOMITE		4						
ANALYS.			ES	ES	ES	ES	ES	ES
QUARTZ	2	1	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X
CHERT		2				T R		
FELDSPAR		3	X X	X X	X X	X X	X X	X X
MUSCOV.		4	X X		X	X	X	X X
BIOTITE		5	X X		X	X	X	X
CHLORITE		6	X		X	X	X	X
METAM.		7						
VOLC.		8						
CARB.		9	X X X	X X X	X X X	X X X	X X X	X X X
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CH. GRADE	4	1						
INTRACL	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	8	1	VF	VF	VF	VF	VF	VF
MAX. GRN.		2						
SD. STG.		3	G	G	G	G	G	G
SD. RDG.		4	P	P	P	P	P	P
SD. CENT		5	S B M	S B G	C R S	S B M G Y		R G
POR. LAM.	1	1			X	X	X	X
X-LAM.		2				X	X	X
BIOTURB.		3		X				
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2	1	RD	BN	RD	BN	RD	
LITHOLOGY (GENERA LIZED)	3	1	SH	SH	SH BLY	SH BLY SILTY AM	SH	SH SILT
		2						
		3						
		4						
		5						
		6						


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAN.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
CTD SPN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)

SECTION	1	1	7-1	7-1	7-1	7-1	7-1
ROCK UN.		2	RD-C-22	RD-C-22	RD-C-22	RD-C-22	RD-C-22
FROM		3	590	700	810	910	930
TO		4					
FIELD	2	1	7M-22-E	7M-70-E	7M-10-E	7M-20-E	7M-22-E
NUMBER		2	1615	1700	1810	1810	1730
DISC. NUMBER	3	1	10 35 4 37	10 35 5	10 35 5	10 35 5 60	10 35 5 61
QUARTZ	1	1	47		49X		
K-FSP.		2	3		7		
PLAGIOCL.		3	3		4		
MICA, IL.		4	4		6		
CHL., KA.		5	2		2		
CALCITE		6	tr				
DOLOMITE		7	47		33		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	14		35		
PL/PL+KF		2	53		76		
D/D+C		3	≈ 100		100		
ORG. C	3	1					4.7C
MIN. C		2	4.60	3.36	3.72		
CALCITE		3					
DOLOMITE		4	35	26	22		
ANALYS.	1	1	ES	ES	ES	ES	ES
QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX	XXX
CHERT		2	TX				
FELDSPAR		3	XX	XX	XX	XX	XXX
MUSCOV.		4	X	XX	XX	XX	XXX
BIOTITE		5	X	XX		XX	XXX
CHLORITE		6	X	X	X	X	X
METAM.		7					
VOLC.		8					
CARB.		9	XXX	XXX	XXX	XXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	2	1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
OTH. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1	1				
D. GRADE		2					
SUPPORT	9	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CR. MATR.		5					
SD. GRADE	4	1	NE	NE	NE	NE	NE
MAX. GRN.		2					
SD. STG.		3	G	G	G		2
SD. RDG.		4	P		P		P
SD. CENT		5					
BOR. LAM.	1	1		X	X	X	X
X-LAM		2		X	X	X	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	RD, GN	RD	RD	RD	RD
LITHOLOGY	3	1	DOLOMITIC				DOLOMITIC
		2	WITH LAMINA				
		3	(GENERA				
		4	CTS SPRINGS				
		5	LIPED)				
		6					

SECTION	1	1	7-1
ROCK UN.		2	CD-C-22
FROM		3	750
TO		4	
FIELD	1	1	TB-70-E
NUMBER		2	-1750
MISC. NOTES	3	1	0.3.5.5.2
QUAR. + 2	1	1	23
K-FSP.		2	6
PLAGIOCL.		3	3
MICA, IL.		4	4
CHL., KA.		5	2
CALCITE		6	1
DOLOMITE		7	97
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	7
PL/PL+KF		2	22
D/D+C		3	97
ORG. C	3	1	
MIN. C		2	
CALCITE		3	
DOLOMITE		4	
ANALYS.	1		NOTES
QUARTZ	2	1	
CHERT		2	
FELDSPAR		3	
MUSCOV.		4	
BIOTITE		5	
CHLORITE		6	
METAM.		7	
VOLC.		8	
CARB.		9	
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
TYPE	1	1	
INTRACL	4	1	
OOIDS		2	
PELLETS		3	
CTD. GRN.		4	
FOSSIL	5	1	
FOSSIL		2	
FOSSIL		3	
FOSSIL		4	
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/D+C	7	1	
D. GRADE		2	
SUPPORT	6	1	
GR. GRADE		2	
GR/GR+MA		3	
MA. GRADE		4	
PHENOCL.	9	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
CG. MATR.		5	
SD. GRADE	4	1	
MAX. GRN.		2	
SD. STG.		3	
SD. RDG.		4	
SD. CENT		5	
HOR. LAM.	1	1	
X-LAM.		2	
BIOTURB.		3	
OTHER		4	
OTHER		5	
OTHER		6	
COLOUR	1	1	
LITHOLOGY (GENERALIZED)	3	1	
		2	
		3	
		4	
		5	
		6	

SECTION		1	7-2	7-2	7-2	7-2	7-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	0	0.5	2.0	4	5.1
TO		4					
FILL			TAF-70-F	1M-70-M	1M-70-M	1M-70-F	1M-70-F
NUMBER			-0	-0.5	-2	-M	-S1
GSC NUMBER			60353	60353	60353	60353	60353
QUARTZ		1				5	5 4
K-FSP.		2					9
PLAGIOCL.		3					3
MICA, IL.		4					1
CHL., KA.		5				3	3
CALCITE		6					1
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					C
PL/PL+KF		2					3
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANCILYS			ESTI	ESTI	ESTI	ESTI	ESTI
QUARTZ	2	1	X X	X X	X X	X X	X X
CHERT		2					
FELDSPAR		3	TR	TR	TR		X
MUSCOV.		4		TR	TR		X
BIOTITE		5		TR	TR		X
CHLORITE		6		TR	TR		TR
METAM.		7					TR
VOLC		8					
CARB		9	X X X X	X X X X	X X X X	X X X	X X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
O-CR		14					
CB. TYPE		1	G	G	G	G	G
INTRACL							
OOIDS							
PELLETS					X		
CTD GRN							
FOSSIL		1	BRYOZ	A BRYOZ	X ESINO	A BRYOZ	X SPONGE A
FOSSIL		2	ECH	X BRACH	X BRACH	X OSTR	X BRACH X
FOSSIL		3	BRACH	X ECH	X ECH	X BRACH	X ECH X
FOSSIL		4		TRIL	X TRIL	X	
FOSSIL		5			GASTR	X	
FOSSIL		6					
FOSSIL		7					
D/D+C		1					
D. SCALE		2					
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.		1	FOSS	X FOSS	X FOSS	X	LWST X
PHENOCL.		2	LWST	LWST	LWST	X	STY
PHENOCL.		3	STY	X STY			MOST X
PHENOCL.		4	SDY	SDY			FOSS X
G. MATR.		5	SILTS SD	SILTS SD	SILT SD		SDL, S LIT
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3				SD	
SD. RDG.		4				D	
SD. CEMT		5				CB	
HOR. LAM	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		RDBRN	RD	RD	RDBRN	RDBRN
LITHOLOGY (GENERALIZED)	3		PINK GRY	PINK GRY	PINK GRY	GRY BRN BLK WHT	PINK GRY

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-2	7-2	7-2		
ROCK UN.		2	VENDOM	VENDOM	VENDOM		
FROM		3	13	324	329		
TO		4					
FIELD NUMBER	2		TM-70-F-13	TM-70-F-324	TM-70-F-329		
GSC NUMBER	3		C035376S	C035377	C03553 7[illegible]		
QUARTZ	1	1		52X	54X		
K-FSP.		2		25X	24X		
PLAGIOCL.		3			1		
MICA, IL.		4		TR			
CHL., KA.		5		TR	6		
CALCITE		6		7			
DOLOMITE		7		15	10		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		0	0		
PL/PL+KP		2		6Q	.59		
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	300 PTS		
QUARTZ	2	1	X	XXXX	64		
CHERT		2			TR		
FELDSPAR		3	TR	XX	20		
MUSCOV.		4	TR	TR	TR		
BIOTITE		5		TR	TR		
CHLORITE		6			TR		
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XX	16		
GYPSUM		10					
OTHER		11		TL TR	TL TR		
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1	G	G	G		
INTRACL.	4						
OOIDS							
PELLETS			X				
STD. GRN.							
FOSSIL	5	1	BRYO X				
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
SR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1	LMDST X				
PHENOCL.		2	LMST X				
PHENOCL.		3	LMDST X				
PHENOCL.		4	SLTY				
CG. MATR.		5	SG				
SD. GRADE	10	1	VF	VF	VF-F		
MAX. GRN.		2					
SD. STG.		3		G	G		
SD. RDG.		4		H	H		
SD. CEMT.		5		C, CTR	C, ZIS		
HOR. LAM.	1	1		X			
X-LAM.		2		X			
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		RD	YLW	OR		
LITHOLOGY (GENERALIZED)	3		PR-CGS	SS	SS		

SECTION	1	1	2	2	2	2	2
ROCK UN.		2	DEDOH	VEVDH	VEVDH	VEVDH	VEVDH
FROM		3	20	410	480	516	60
TO		4					
FILLD	2		1M-70-E	1M-70-E	1M-70-E	1M-70-E	1M-70-E
NUMBER			-410	-416	-480	-516	-608
GSC NUMBER	3		60336	60337	60338	60339	60340
QUARTZ	1	1	9	1	9	9	5
K-FSP.		2	3	8	1	1	2
PLAGIOCL		3					
MICA, IL.		4	1	4	7		4
CHL., KA.		5		2	2		1
CALCITE		6	5	2	3		2
DOLOMITE		7	1 2	2 3	2 2		2 2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1					C
PL/PL+KF.		2	0	0	0		9 2
D/D+C		3	7 1	7 3	8 6		
ORG. C	3	1					
MIN. C		2	0.9 7	1.2 1	2 0 3		3 9
CALCITE		3	2	TR	2		1
DOLOMITE		4	6	9	1		1 0
ANALYS.	1		SOIL	ROCK	FIST	BRIT	CONT
QUARTZ	2	1	75	X X X X	X X X X	X X X	X X X X
CHERT		2	1	T R	T X		T R
FELDSPAR		3	16	X X	X X	X	X X
MUSCOV.		4	TR	X	X	X X	X
BIOTITE		5	TR	X	X	X X	X
CHLORITE		6	1	X	3 X	X	7 X
METAM.		7					T R
VOLC		8					
CARB		9	8	X X	X X	X X X	X X
GYPSUM		10					
OTHER		11	2 C TR				T R
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	4	1	G	G	G	G	G
INTRACL	5						
OOIDS							
PELLETS							
STD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
R. GRADE		2					
SUPPORT	8	1					
SR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
SG. MATR.		5					
SD. GRADE	10	1	F	M F	F	VF M	VF F
MAX. GRV.		2					
SD. STS.		3	C	S P L M	G H	V M G	S H
SD. RDG.		4	H				
SD. CENT		5	S W	S R	S W G	S R S	S R G
INOR. LAM	1	1		X	X	X	X
X-LAM.		2			X	X	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER							
COLOUR	2		RD	GY YL W	RD	BR	RD BR W
LITHOLO-	3			SP			
GY							
(GENERA-							
LIZED)							

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-2	7-2	7-2	7-2	7-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	620	660	697	800	847
TO		4					
FIELD NUMBER	2		[illegible]-70-E-620	[illegible]-70-F-666	[illegible]-70-F-697	[illegible]-70-E-800	[illegible]-70-E-847
GSC NUMBER	3		C035376	C035377	C035378	C035379	C0353[illegible]
QUARTZ	1	1	18	61	667	43 / 13	54 / 25
K-FSP.		2	26	12	2?4	3	TR
PLAGIOCL.		3				8	3
MICA, IL.		4	2			2	1
CHL., KA.		5	1		3	5	4
CALCITE		6	4	20		26	13
DOLOMITE		7	19	7	11		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1			0	20	0
PL/PL+KF		2	0	0	87	83	75
D/D+C		3	84	26			
ORG. C	3	1					
MIN. C		2	0.98	.75			
CALCITE		3	1	10			
DOLOMITE		4	7	4			
ANALYS.	1		EST	[illegible]	EST	EST	EST
QUARTZ	2	1	XXXX	72	XXXX	XXXX	XXXX
CHERT		2	TR	2	TR	TR	TR
FELDSPAR		3	XX	9	X?	XX	XX
MUSCOV.		4	TR	TR		XX	?
BIOTITE		5	TR	TR		X	TR
CHLORITE		6				?X	?X
METAM.		7					
VOLC.		8					
CARB.		9	XX	17	XX	XX	XX
GYPSUM		10					
OTHER		11	TL	TR			
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1	G	G	G	G	G
INTRACL.	4						
OOIDS							
PELLETS							
STD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. SHAPE		2					
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.		1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF-F	F	F	VF-F	F-M
MAX. GRN.		2					
SD. STG.		3	?	V G	V G	G	G
SD. RDG.		4	M	M	M	M	M
SD. CEMT.		5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HOR. LAM.	1	1	X			X	X
X-LAM.		2					
BIOTURB.		3				BRB	
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR			RD-BN	GR	GR	RD-BN	GR
LITHOLOGY (GENERALIZED)	3		SL	SS	SS	SS	SL

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-2	7-2	7-2	7-2	7-2
ROCK UN.		2	VENDOM	[illegible]	[illegible] VDOM	VEVDON	VCADOF
FROM		3	919	953	106	1010	1067
TO		4					
FIELD NUMBER	2		IM-70-F-949	IM-70-F-958	IM-70-F-966	IM-70-F-1010	IM-70-F-1067
GSC NUMBER	3		C035381	C035382	C035383	C035384	C035385
QUARTZ	1	1	23	51		12	27
K-FSP.		2	15	18		23	5
PLAGIOCL.		3					
MICA, IL.		4	3	5		5	2
CHL., KA.		5	1	2		2	7R
CALCITE		6	3	4		3	3
DOLOMITE		7	10	17		25	33
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	0	0		0	0
D/D+C		3	77	92		97	92
ORG. C	3	1					
MIN. C		2	11.78	11.11		1.47	
CALCITE		3	2	1		1	
DOLOMITE		4	7	7		7.0	
ANALYS.	1		EST	EST	754 PTS	ESIT	ESIT
QUARTZ	2	1	XYXX	XXXX	30	XXXX	XXX
CHERT		2	TR	TR	TR	TR	TR
FELDSPAR		3	XX	XX	7	XX	X
MUSCOV.		4	X	X	TR	X	X
BIOTITE		5	X	?	TR	TR	X
CHLORITE		6	?X	?X		?X	
METAM		7					
VOLC		8					
CARB.		9	XX	XX	13	XX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1	G	G	G	G	G
INTRACL.	4						
OOIDS							
PELLETS							
STD GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	8	1	VF-F	VF-M	F	VF-F	VF
MAX. GRN.		2					M
SD. STG.		3	M	M	M	M	S
SD. RDG.		4	M	M	M	M	M
SD. CEMT.		5	CB, Q	CB, Q	CB, Q	CB, Q	CB
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2					X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		BN	LGY	[illegible]	[illegible]	BN
LITHOLOGY (GENERALIZED)	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	Z-2	Z-2	Z-2	Z-2	Z-2
ROCK UN.		2	VEVDOM	VEVDOM	VEADOM	LIVDSM	IEIDPM
FROM		3	1142	1164	1176	1230	1233
TO		4					
FIELD NUMBER	2		IN-70-F -1142	IM-70-F -1164	IN-70-F -1176	IM-70-F -1230	IM-70-F -1233
ESC NUMBER	3		C035386	035387	C035388	C035389	C035390
QUARTZ	1	1	72		68	2	12
K-FSP.		2	17		17		
PLAGIOCL.		3				3	3
MICA, IL.		4	TR				1
CHL., KA.		5			4	TR	14
CALCITE		6	7		11	90	26
DOLOMITE		7	4				
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1			0	10	0
PL/PL+KF		2	10		72	100	64
D/D+C		3	34				
ORG. C	3	1	.	.	.	4.30	3.00
MIN. C		2				0	8
CALCITE		3				71	76
DOLOMITE		4					
ANALYST.	1		EST	300 OTSERST		BST	BST
QUARTZ	2	1	XXXX	78	XXXX	XX	XXX TR
CHERT		2	TR	TR	TR	TR	XX
FELDSPAR		3	XX	10	XX	X	X
MUSCOV.		4		TR	X	X	X
BIOTITE		5			TR		
CHLORITE		6					
METAM.		7					
VOLC.		8				?XXX	XXX
CARB.		9	X	12	XX		
GYPSUM		10					
OTHER		11	TL	TR			
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1	G	G	G		G
INTRACL.	4						
OOIDS							
PELLETS							
CTD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1				CR	
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CL. MATR.		5					
SD. GRADE	10	1	M	F-M	VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3	VG	G	G		G
SD. RDG.		4	P	H	H		P
SD. CEMT.		5	[illegible]	CB, R	CD, G		CB
HOR. LAM.	1	1			X	X	X
X-LAM.		2			Y		X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		SM	SV	FD	GY-RD	YE
LITHOLOGY (GENERALIZED)	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SECTION	1	1	5-2	7-2	7-2	7-2	7-2
ROCK UN.		2	VCMDOM	VCVDOM	VEMSOM	VEWSOM	VCVDOM
FROM		3	1241	1241	1236	1236	1270
TO		4					
FIELD	2		1M-70-E	1-70-E	1-70-F	1M-70-E	1M-70-E
NUMBER			2142	1243	1292	1266	1270
GSC NUMBER	3		0365 91	0365 91	0365 94	0365 94	0365 94
QUARTZ	1	1	6 1 1*	6 2 5	6 6 *	5 5 4	6 5 X
K-FSP.		2	1 3	9	1 9	2 0	4
PLAGIOCL.		3					
MICA, IL.		4		1	2	2	
CHL., KA.		5			1	1	
CALCITE		6	3	4		4	2 0
DOLOMITE		7	2 0	2 4	1 3	1 5	6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	0	0	0	0	0
D/D+C		3	8 7	8 6	1 0 0	5 2	2 3
ORG. C	3	1				0 9	
MIN. C		2	2. 0 2	2. 3 2	0. 6 9	1. 5 6	1. 1 3
CALCITE		3	2	9	0	2	7
DOLOMITE		4	1 4	6	5	7 0	2
ANALYS.	1		EST	EST	3/0	FS	3/0 P
QUARTZ	2	1	X X X X	X X X X	9 0	X X X X	8 0
CHERT		2	T R	T R	1		T R
FELDSPAR		3	X X	X X	6	X X	6
MUSCOV.		4	T R	X	T R	X	T R
BIOTITE		5		T R	T R	T R	T R
CHLORITE		6				T R	
METAM.		7				T R	
VOLC		8					
CARB		9	X X	X X	1 3	X X	1 4
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3		G	G	G	G	G
INTRACL.	4						
OOIDS							
PELLETS							
CTD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
SR. GRADE		2					
SR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
SC. MATR.		5					
SD. GRADE	8	1	F	F	F M	VF-F	F
MAX. GRN.		2					
SD. STG.		3	G	G	S	U G	Z G
SD. RDG.		4	M	M		H	H
SD. CENT		5	P G	F G	G C B	C B G	Z F B
BOR. LAM.	1	1		X	X		X
X-LAM.		2			Y		
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		YD	N-BM	RV	YW	YL
LITHOLOGY (GENERALIZED)	3						

	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN. SECTION	1	1	7-2	7-2	7-2	7-2	7-3
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	1294	1295	1298	1306	1314
TO		4					
FIELD NUMBER	2		HH-70-E-1294	HH-70-E-1295	HH-70-E-1298	HH-70-E-1306	HH-70-E-1314
GSC NUMBER	3		C053396	C053397	C0535[illegible]	C053597	C053540 8
2/X-RAY-CARBON QUARTZ	1	1	39		15	4	9
K-FSP.		2	6		2	2	
PLAGIOCL		3			3	TR	
MICA, IL.		4	2		1		
CHL., KA.		5			4	19	19
CALCITE		6	51		75	75	22
DOLOMITE		7	2				
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	14		10	33	0
PL/PL+KF		2	0		0	0	54
D/D+C		3	3		95	80	
ORG. C	3	1					
MIN. C		2	5.88		9.85	11.90	
CALCITE		3	.16		2	16	
DOLOMITE		4	[illegible]		74	76	
3/MICRO- ANALYS.	1		EST	EST	EST	EST	EST XXX
QUARTZ	2	1	XXX	XXX	XX	XX	
CHERT		2	TR	TR	TR	TR	X
FELDSPAR		3	X	X	X	TR	X
MUSCOV.		4	X	X	X	TR	TR
BIOTITE		5	TR	TR	?X		
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9	XXX	XXX	XXXX	XXXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1	G	G			G
INTRACL.	4						
OOIDS							
PELLETS							X
CTD GRN.							X
FOSSIL	5	1	ECH	X ECH	X		ECH
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1			CR-MIC	CR-MIC	CR-MIC
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CL. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF-F
MAX. GRN.		2					M-G
SD. STG.		3	G	G			
SD. RDG.		4	M	P-M			M
SD. CEMT			CB	CB			CB
4/STRUCT. HOR LAM	1	1	X	X	X		X
X-LAM.		2					
BIOTURB		3					
OTHER		4					
OTHER		5					
OTHER							
COLOUR			YEW	YGW	YGW	YLB	SM
LITHOLOGY (GENERALIZED)			SS	SS	CL-SLT STN, SDY	CL SLT STN SDY	CL LAM [illegible] SLTY

1/GENERAL	SECTION	1	1	7-2
	ROCK UN.		2	VERNON
	FROM		3	1317
	TO		4	
	FILLD	2		24-7 0-F 1 4- 1M- 1M- 1M-
	NUMBER			-1317
	GSC NUMBER	3		20350401
2/XRAY-CARBON	QUARTZ	1	1	19
	K-FSP.		2	4
	PLAGIOCL.		3	
	MICA, IL.		4	3
	CHL., KA.		5	
	CALCITE		6	48
	DOLOMITE		7	16
	GYPSUM		8	
	OTHER		9	
	OTHER		10	
	F/F+O	2	1	19
	PL/PL+KF		2	10
	O/O+C		3	25
	ORG. C	3	1	
	MIN. C		2	
	CALCITE		3	
	DOLOMITE		4	
3/MICROSCOPIC	ANALYS.	1		BS17
	QUARTZ	2	1	XXX
	CHERT		2	
	FELDSPAR		3	X
	MUSCOV.		4	X
	BIOTITE		5	X
	CHLORITE		6	
	METAM.		7	
	VOLC.		8	
	CARB.		9	XXX
	GYPSUM		10	
	OTHER		11	
	OTHER		12	
	OTHER		13	
	OTHER		14	
	CD. TYPE	3	1	MAY
	INTRACL	4		
	OOIDS			
	PELLETS			
	CTD GRN.			
	FOSSIL	5	1	
	FOSSIL		2	
	FOSSIL		3	
	FOSSIL		4	
	FOSSIL		5	
	FOSSIL		6	
	FOSSIL		7	
	S/DTC	7	1	
	D. GRADE		2	
	SUPPORT	6	1	
	GR. GRADE		2	
	GR/GR+MA		3	
	MA. GRADE		4	
	PHENOCL.	8	1	
	PHENOCL.		2	
	PHENOCL.		3	
	PHENOCL.		4	
	CG MATR.		5	
	SD. GRADE	9	1	VG
	MAX. GRN.		2	
	SD STG.		3	M
	SD. RDG.		4	S
	SD. CENT		5	G
4/CONCRETION	HOR. LAM.	1	1	
	X-LAM.		2	
	BIOTURB.		3	
	OTHER		4	
	OTHER		5	
	OTHER		6	
	COLOUR	2	1	NV-7L-W
	LITHOLOGY (GENERALIZED)	3		

Item	Code	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-3	7-3	7-3	7-3	7-3
ROCK UN.		2	BLVE FD	BLVC FD	BLVC FD	BLVE FD	BLVL FD
FROM		3	L	2	3	22	38
TO		4					
FIELD	2	1	11-70-E	11-70-E	11-70-E	11-70-E	11-70-E
NUMBER		2	-1319	-1320	-1321	-1340	-13-0
MISC. NUMBER	3	1	C036402	C036403	C036404	C036405	C036706
QUARTZ	1	1	8	15	41	21	3
K-FSP.		2	1	1	5	2	
PLAGIOCL.		3					
MICA, IL.		4	2		2	3	TR
CHL., KA.		5				TR	
CALCITE		6	8	12	2	70	15
DOLOMITE		7	81	72	50 *	4	82 *
GYPSUM		8					
OTHER		9					
OTHER		10					0
F/F+Q	2	1	14	8	10	11	
PL/PL+KF		2	0	0	0	0	
D/D+C		3	91	86		5	
ORG. C	3	1	11.00	10.00	7.35	9.40	12.15
MIN. C		2					12
CALCITE		3	6	9	1	72	82
DOLOMITE		4	79	68	56	6	
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	XX	XXX	XXX	X
CHERT		2					
FELDSPAR		3	TR	TR	X	X	TR
MUSCOV.		4	X	TR	X	X	TR
BIOTITE		5	TR		TR	TR	
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3		X X			X
CTD. GRN.		4					
FOSSIL	5	1	ALGMT	?			
FOSSIL (2–8)		2–8					
D/DIC, D. GRADE	7	1–2	CR-MIC	CR-MIC	CR		MIC-F
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4				CR-MIC	
PHENOCL. (1–4), GG. MATS.	9	1–5					
SD. GRADE	10	1	VF	VF-F	VF-F	VF	VF
MAX. GRN.		2			M		
SD. STG.		3			H		
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM	1	1	X	X	X	X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4		STYL	STYL		
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY-YLW	LGY-YLW	LGY	LGY	LGY-YLW
LITHOLOGY (GENERALIZED)	3	1–6	DLST, STY, SDY	DLST, STY, SDY	DLST, STY, SDY W/ LAM SS, STY	LMST, STY, SDY	DLST

Field	Grp	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-3	7-3	7-3	7-3	7-3
ROCK UN.		2	BLUE FD	BLUE FD	BLUE FD	BLUE FD	BLUE FD
FROM		3	42	58	106	127	132
TO		4					
FIELD	2	1	1M-70-F	1M-70-F	1M-70-F	1M-70-F	1M-70-F
NUMBERS		2	B-4	B-20	B-69	B-89	3-96
LAB NUMBER	3	1	C036407	C036408	C036409	C036410	C036[illegible]11
QUARTZ	1	1	11	13	2	62*	8 13
K-FSP.		2	TR	3		6	
PLAGIOCL.		3					
MICA, IL.		4	TR	T			
CHL., KA.		5		TR			
CALCITE		6	2	5	13	30	14
DOLOMITE		7	87	78	85	4	2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	TR	16	0	0	3
PL/PL+KF		2	0	0			0
D/D+C		3	97	91	87	11	13
ORG. C	3	1					
MIN. C		2	11.88	9.74	12.37	3.92	.
CALCITE		3	1	3	10	28	
DOLOMITE		4	91	72	86	4	
ANALYS.	1		EST	EST	EST	EST	5136 PTS
QUARTZ	2	1	XX	XX	X	XXXX	64
CHERT		2				TR	TR
FELDSPAR		3		X		X	3
MUSCOV.		4	TR	TR	TR	TR	TR
BIOTITE		5		TR	TR	TR	TR
CHLORITE		6					TR
METAM.		7					TR
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXX	32
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]		1					
INTRACL.		1					
OOIDS		2				2	
PELLETS		3					
ST.D. GEN		4					
FOSSIL	5	1			UMID	X	ESH 2
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CRL-HTC	CR-HTC	CR-HTC		
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4				CR	
PHENOCL.	11	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF-F	VF	VF	
MAX. GRN.		2				M	G
SD. STG.		3				P	M
SD. RDG.		4					
SD. CENT		5				C 3	CGLQ
HOR. LAM.	1	1		2		X	X
X-LAM.		2		7			
BIOTURB.		3					
OTHER		4					UNDUL
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	LGY	LGY	YLW-BV	YLW
LITHOLOGY (GENERALIZED)		1	DLST	DL.T	DLST.	LMST.	SS
		2	SLTY. SDY	SLTY. SDY	SLTY. SDY	SLTY. SDY	
		3				W TLAM	
		4				GS.LT	
		5					
		6					

Field	Group	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION / ROCK UN. / FROM / TO	1	1–4	7-2 BLUE FD L78	7-3 BLUE FD 246	7-3 BLUE FD 318	7-3 BLUE FD 346	7-3 BLUE FD 582
FIELD NUMBER	2	1–2	11-70-F B-740	11-70-F B-202	11-70-F B-280	11-70-F B-308	11-70-F B-344
WELL NUMBER	3	1	C0364-12	C0364-13	C0364-14	C0364-15	C0364-16
QUARTZ	1	1	9	12	16	1	25
K-FSP.		2	3	2	2	1	4
PLAGIOCL.		3				TR	2
MICA, IL.		4	TR	1	1		TR
CHL., KA.		5					
CALCITE		6		2	TR	2	23
DOLOMITE		7	88	83	81	96	46
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	23	15	9	33	15
PL/PL+KF		2	0	0	0	0	0
D/D+C		3	100	98	100	98	66
ORG. C	3	1					
MIN. C		2	11.00	11.09	11.77	12.94	.
CALCITE		3	0	TR	0	TR	
DOLOMITE		4	84	85	90	97.6	
ANALYSES	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	XX	XX	X	XXX
CHERT		2					
FELDSPAR		3	TR	X	X	TR	X
MUSCOV.		4	TR	X	X	TR	X
BIOTITE		5		TR	TR		
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	X	X			
STD. GEN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-MIC	CR-MIC	MIC	MIC-VF	CR-MIC
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF		VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM.	1	1					1
X-LAM.		2					2
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	LGY	LGY	LGY	LGY
LITHOLOGY (GENERALIZED)	3	1–2	DLST SLTY, SDY	DLST SLTY, SDY	DLST SLTY, SDY	DLST SLTY	DLST SLTY, SDY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-H-L	7-H-L	7-H-L	7-H-L	7-H-L
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	2	2	11	21	38.5
TO		4					
FIELD NUMBER	2	1	1H-70-C-10	1H-70-C-2	1H-70-C-11	H-70-C-21	H-72-C-38.5
DOC. NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	44	21	24	X X	10
K-FSP.		2	9	5	2	X	4
PLAGIOCL.		3				?	
MICA, IL.		4	7	3	4	X	3
CHL., KA.		5	2	1	1	X	
CALCITE		6	37 X	62	6 X	?	3
DOLOMITE		7	1	6	1	?	80
GYPSUM		8			2	X X X X	
OTHER		9					
OTHER		10					
F/F+Q	2	1		13	X		?
PL/PL+KF		2	0	0	0		0
D/D+C		3		[illegible]			?
ORG. C	3	1					
MIN. C		2	4.26	6.63			1.19
CALCITE		3	34	56			7
DOLOMITE		4	[illegible]	[illegible]			75
ANALYST	1		ES	ES	ES	ES	ES
QUARTZ	2	1		X X X	X X X	X X	X X
CHERT		2		?			
FELDSPAR		3		X	X	X	X
MUSCOV.		4		X	X	X	X
BIOTITE		5		X	X	TR	TR
CHLORITE		6		??	TR	TR	
METAM.		7					
VOLC.		8					
CARB.		9		X X X X	X X X X	X X	X X X X
GYPSUM		10				X X X X	
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	5	1	ES	X			
OOIDS		2					
PELLETS		3					?
STD. GRN.		4					
FOSSIL	6	1					ECH
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					[illegible]
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4		MIC	[illegible]		
PHENOCL.	11	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1		VG-F	VF	VF	VF-F
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2					?
BIOTURB.		3	?	X			
OTHER		4	VMSVL				[illegible]
OTHER		5					
OTHER		6					
COLOUR	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LITHOLOGY (GENERALIZED)	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		2		[illegible]	[illegible]	[illegible]	[illegible]
		3			[illegible]	[illegible]	
		4			[illegible]		
		5					

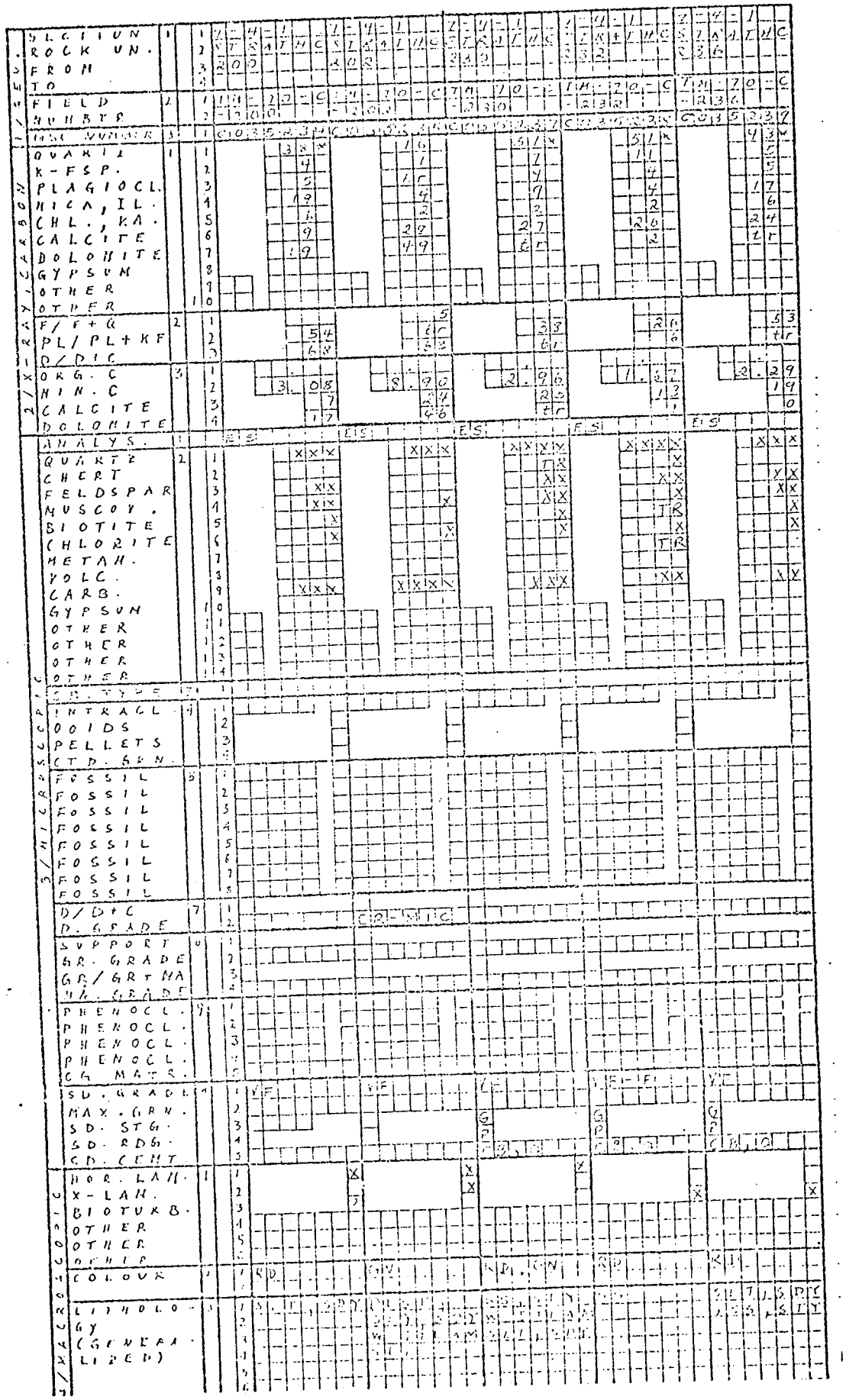
Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	2-4-L	2-4-L	4-4-1	4-4-L	4-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	37.5	32	41	46	52
TO		4					
FIELD	2	1	14-70-C	14-70-C	14-70-C	14-70-C	14-70-C
NUMBER		2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	32	29	53	25	41
K-FSP.		2	2	3	10		7
PLAGIOCL.		3				5	4
MICA, IL.		4	2	3	3		1
CHL., KA.		5	2		1	1	1
CALCITE		6	9	10	32	34	4L
DOLOMITE		7	23	56	1	1	TR
GYPSUM		8					
OTHER		9					
OTHER	1	0					
F/F+Q	2	1		9	15	8	13
PL/PL+KF		2	0	0	0	0	0
D/D+C		3	72	85	3	0	TR
ORG. C	3	1					
MIN. C		2	3.33	7.18	3.54	4.52	8.57
CALCITE		3	7	7	28	3[illegible]	35
DOLOMITE		4	72	[illegible]	3	2	TR
ANALYS.	1		MO TS	PD	PS	BS	BS
QUARTZ	2	1		X X X	X X X X	X X X X	X X X
CHERT		2			TR	TR	TR
FELDSPAR		3		X	X X	X	X
MUSCOV.		4		X	X	X	X
BIOTITE		5		TR	TR	TR	TR
CHLORITE		6			TR	TR	TR
METAM.		7					
VOLC.		8		X X X X	X X X	X X X	X X X
CARB.		9					
GYPSUM	1	0					
OTHER	1	1					
OTHER	1	2					
OTHER	1	3					
OTHER	1	4					
CB. TYPE		1			S[illegible]	X	
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
STD. GEN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2		[illegible]			
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3				[illegible]	
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG MATR.		5					
SD. GRADE	2	1		VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3				[illegible]	[illegible]
SD RDG.		4				P	P
SD. CEMT		5				[illegible]	[illegible]
HOR. LAM.	1	1	X	X	7	X	7
X-LAM.		2	X		7		7
BIOTURB.		3			X		X
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	[illegible]	SD	SD-BN	SD-GN	[illegible]
LITHOLOGY (GENERALIZED)	1	1	[illegible]	[illegible]	SLT [illegible]	[illegible]	[illegible] LY
		2		[illegible]		[illegible]	
		3		[illegible]		[illegible]	
		4		[illegible]		[illegible]	
		5				[illegible]	

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-1	7-4-1	7-4-1	7-4-1	7-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	57	65	68	76	80
TO		4					
FIELD NUMBER	2	1	114-70-6	114-70-6	114-70-6	114-70-6	114-70-6
		2	-167	-165	-165	-176	-180
GSC NUMBER	3	1	C0358[illegible]	C03[illegible]	C03[illegible]	C03[illegible]	C0[illegible]
QUARTZ	1	1	43	XX	48	46	42
K-FSP.		2	6	66	11	4	5
PLAGIOCL.		3	2	TR 7	4	3	4
MICA, IL.		4	2	X	4	6	7
CHL., KA.		5	1		2	2	2
CALCITE		6	37		30	39	33
DOLOMITE		7	TR	TR 2	1	TR	[illegible]
GYPSUM		8	TR	XXXX			
OTHER		9					
OTHER		10					
F/F+Q	2	1	12				
PL/PL+KF		2	29		26	40	44
D/D+C		3	TR		4	TR	TR
ORG. C	3	1					
MIN. C		2	3.44	1.87	2.73	4.58	2.12
CALCITE		3	28	10	21	38	20
DOLOMITE		4	TR	14	1	TR	TR
ANALYS.	1		ES	ES	ES	ES	ES
QUARTZ	2	1	X	X	X	X	X
CHERT		2	TR		TR	TR	TR
FELDSPAR		3	X	TR	X	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	TR	TR	TR	R	TR
CHLORITE		6	TR		X	X	X
METAM.		7					
VOLC.		8					
CARB.		9	X	X	X	X	X
GYPSUM		10		X			
OTHER		11	TR				
OTHER		12					
OTHER		13					
OTHER		14					
CH. [illegible]	3	1					
INTRAC.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GR.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG. MATR.		5					
SD. GRADE	1	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG		3	G-VG		VG	[illegible]	G
SD. RDG.		4	P		[illegible]	P	P
SD. CEMT		5	[illegible]		CB [illegible]	[illegible]	B, G
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2	X	X	X		?
BIOTURB		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	BN	[illegible]	[illegible]	[illegible]	[illegible]
LITHOLOGY (GENERALIZED)		1–4	[illegible]	[illegible]	[illegible]	[illegible]	SS, SILTY

	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Section / Rock Un.	7-4-1-STRATHC	7-4-1-STRATHC	7-4-1-STRKATHC	3-4-1-STRATHC	2-4-1-STRATHC
From	70	76	108	113	127.5
To					
Field Number	TN-70-C-170	TN-70-C-176	TN-70-C-1083	TN-70-C-1113	TN-72-C-127.5
GSC Number	C035217[illegible]	C035275	C035278	C035220	C035221
Quartz	43	5	50	47	34
K-FSP.	9		6	7	2
Plagiocl.	6		4	5	2
Mica, Il.	2	2	2	7	5
Chl., Ka.	1	tr	1	3	2
Calcite	39	73	37	31	55
Dolomite	tr		tr		tr
Gypsum					
Other					
Other					
F/F+Q		0	17	34	12
PL/PL+KF	41	0	72	0	50
D/D+C	tr		tr		tr
Org. C	4.13	9.96	4.59	3.06	5.13
Min. C				26	50
Calcite	34	23	38		0
Dolomite	tr	0	tr	0	
Analys.	ES	ES	ES	ES	ES
Quartz					
Chert					
Feldspar					
Muscov.					
Biotite					
Chlorite					
Metam.					
Volc.					
Carb.					
Gypsum					
Other					
Other					
Other					
Other					
Cr. Type				X	X
Intracl.					
Ooids					
Pellets					
Ctd. Gr.					
Fossil (1–8)					
D/D+C					
D. Grade					
Support					
Gr. Grade					
Gr/Gr+Ma					
Ma. Grade		MIC			
Phenocl. (1–4)					
Gr. Matr.					
Sd. Grade	VF	VF	VF	VF	VF
Max. Grn.			G	M-G	M-G
Sd. Stg.	[illegible]		P	P	F
Sd. Rdg.	[illegible]				
Sd. Cent.	[illegible]		CP, [illegible]	[illegible], G	C, [illegible]
Hor. Lam.	X	X	X		
X-Lam.				X	X
Bioturb.				RRC	RRC
Other					
Other					
Other					N, KD
Colour	[illegible], KD	GM, KD [illegible]	M, [illegible]	RD	[illegible], SLI
Lithology (Generalized)	[illegible]	LM[illegible] STD[illegible]	S[illegible] CL[illegible]	[illegible] CLSTS	

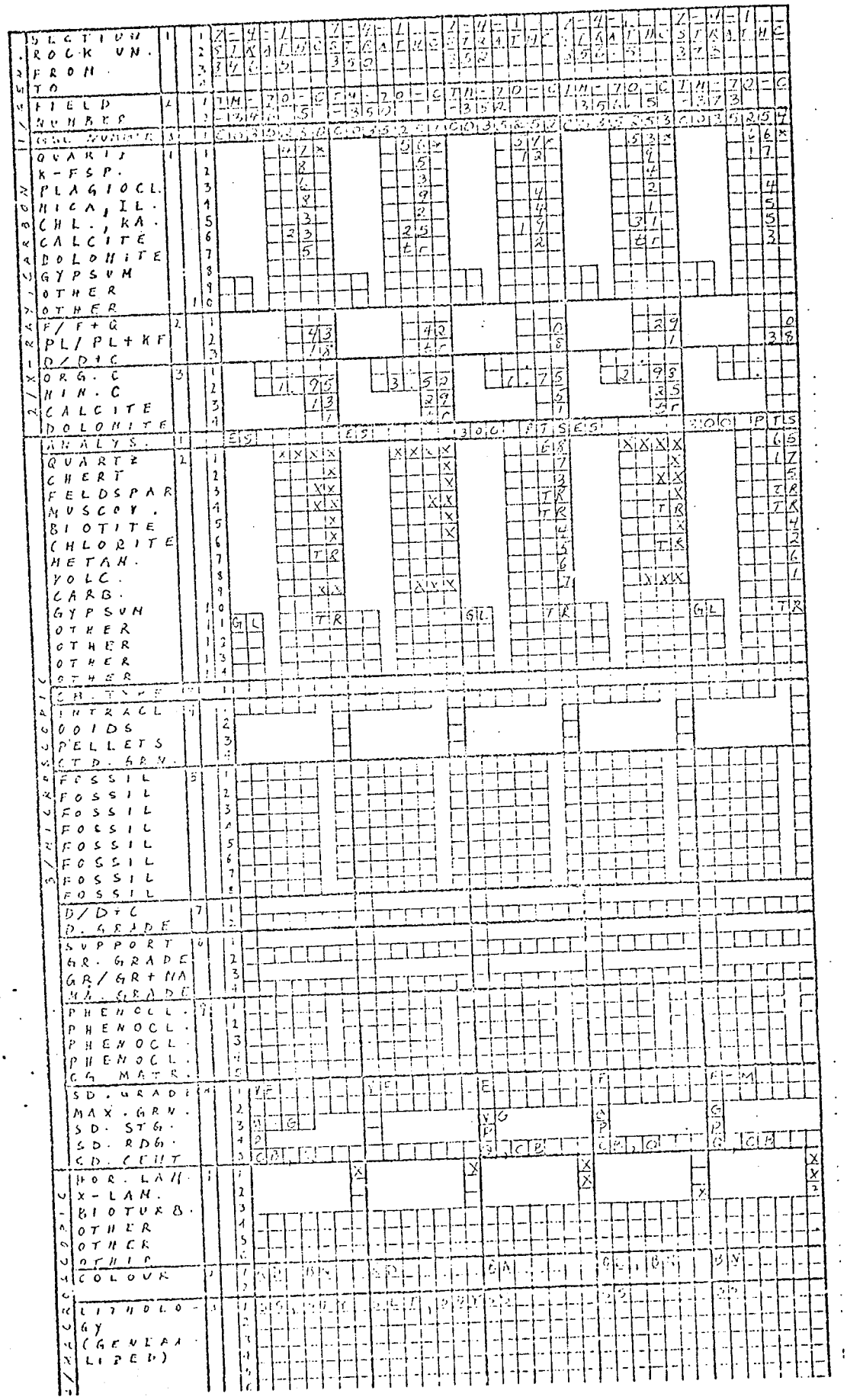
Item	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1 1	Z-U-1	Z-U-1	Z-U-1	Z-U-1	Z-U-1
ROCK UN.	2	STR+THC	SIKATHC	STAATHC	STR+THC	SKATHC
FROM	3	130	146	148	154	156.5
TO	4					
FIELD	2 1	IM-ZO-C	IM-ZO-C	IM-ZO-C	IM-ZO-C	IM-ZO-C
NUMBER	2	-130	-146	-148	-154	-155.5
GSC NUMBER	3 1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1 1	48	6	27	13	36
K-FSP.	2	5	1	5	6r	4
PLAGIOCL.	3	6	1	3	6r	3
MICA, IL.	4	3	1	6	3	4
CHL., KA.	5	2		2	2	1
CALCITE	6	36	69	67	57	21
DOLOMITE	7	6r	22	1	25	28
GYPSUM	8					
OTHER	9					
OTHER	10					
F/F+Q	2 1		31	21	6r	17
PL/PL+KF	2	54	48	31	50	44
D/D+C	3	6r	25	2	30	57
ORG. C	3 1					
MIN. C	2	4.47	11.69	6.78	9.67	5.92
CALCITE	3	37	69	55	53	21
DOLOMITE	4	6r	26	3	26	26
ANALYS.	1	ES	ES	ES	ES	ES XXX
QUARTZ	2 1	XXXX	XX	XXX	XX	
CHERT	2			TR		X
FELDSPAR	3	XX	X	X	X	XX
MUSCOV.	4	X	X	XX		X
BIOTITE	5	Tr	TR	X	X	TR
CHLORITE	6	X		X		
METAM.	7					
VOLC.	8					
CARB.	9	XXX	XXXX	XXXX	XXXX	XXX
GYPSUM	10					
OTHER	11					
OTHER	12					
OTHER	13					
OTHER	14					
CB TYPE	3 1					
INTRACL.	4 1					
OOIDS	2					
PELLETS	3					
CTD. GRN.	4					
FOSSIL	5 1					
FOSSIL	2					
FOSSIL	3					
FOSSIL	4					
FOSSIL	5					
FOSSIL	6					
FOSSIL	7					
FOSSIL	8					
D/D+C	7 1					CR-MIC
D. GRADE	2					
SUPPORT	6 1					
GR. GRADE	2					
GR/GR+MA	3					
MA. GRADE	4		MIC	CR-MIC	MIC	
PHENOCL.	9 1					
PHENOCL.	2					
PHENOCL.	3					
PHENOCL.	4					
CG. MATR.	5					
SD. GRADE	4 1	VF	VF-F	VF	VF	VF
MAX. GRN.	2					
SD. STG.	3					
SD. RDG.	4	P				
SD. CENT.	5	[illegible]				
HOR. LAM.	1 1	X	X	?		X
X-LAM.	2			X		X
BIOTURB.	3					
OTHER	4				BRE	
OTHER	5					
OTHER	6					
COLOUR	1	[illegible]	[illegible]	[illegible]	[illegible]	RD, YW
LITHOLOGY (GENERALIZED)	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SECTION	1	1	7-4-1	2-4-L	2-4-L	7-4-L	2-4-L	2-4-L
ROCK UN.		2	5 T 3 4 7 M C	5 T 3 4 T M C	5 T 3 4 T M C	5 T X 4 T M C	5 T R 4 T M C	5 T R 4 T M C
FROM		3	1 5 6 . 5	1 5 8	1 6 9	1 7 3		1 8 6
TO		4						
FIELD	2	1	1 M - 7 - C	1 M - 7 0 - C	1 M - 7 0 - C	1 M - 7 2 - C	1 M - 7 2 - C	1 M - 7 2 - C
NUMBER		2	1 M 8 - 5	1 7 8 8	1 7 8 7	1 7 3		1 7 4
DESC. NUMBER	3	1	5 0 3 5 2 1	5 0 3 5 2 3 0	5 0 3 5 2 4 1	5 0 3 5 2 3 2	5 0 3 5 2 3 3	5 0 3 5 2 3 3
QUARTZ	1	1		2 0 r	3 3 M	3 4		5 1 x
K-FSP.		2		8	2	3		1
PLAGIOCL.		3		4	5 r	3		5
MICA, IL.		4		2	3	4		3
CHL., KA.		5		1	1	1 r		1
CALCITE		6		3 5	3	1 5		2 9
DOLOMITE		7		6 r	3 8	4 1		6 r
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1				1 4		
PL/PL+KF		2		3 4	6 r	5 4		3 1
D/D+C		3		6 r	9 3	7 3		3 r
ORG. C	3	1		3 . 9 5	5 . 2 6	6 . 3 2		3 . 3 5
MIN. C		2						2 9
CALCITE		3		3 3	2	1 2		
DOLOMITE		4		6 r	3 9	3 8		6 r
ANALYS.	1		ESI	ESI	ESI	ESI	ESI	
QUARTZ	2	1	X X X X	X X X X	X X X X	X X X	X X X X	
CHERT		2		T R		T R		T R
FELDSPAR		3	X	X X	X	X		X X
MUSCOV.		4	X X	X	X	X		X
BIOTITE		5	X	T R	T R	T R		T R
CHLORITE		6	X	T R	T R	T R		T R
METAM.		7						
VOLC.		8						
CARB.		9	X X X	X X X	X X X	X X X X		X X X
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
SORTING	4	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1			SLIGMIT	7		
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1			MIC	CR-MIC		
D. GRADE		2						
SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4	CREMIC					
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CL. MATR.		5						
SD. GRADE	10	1	VF	VF	VF	VF-F		
MAX. GRN.		2						
SD. STG.		3		G				
SD. RDG.		4		P				
SD. CENT		5		G R		C B		
HOR. LAM.	1	1		X	X	X	X	
X-LAM.		2						X
BIOTURB.		3					X	
OTHER		4			BRC			
OTHER		5						
ORIP		6						
COLOUR	2	1	RD GN	GNL	GY	GN	RP	
LITHOLOGY (GENERALIZED)	3	1	SLIMD	SLIMD	SLIMD	SLIMD		
		2	M	L M	L M	M		
		3				L		
		4	SY	SY	SY	SY		
		5						
		6						



Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	1-4-1	2-4-1	1-4-1	2-4-1	2-4-1
ROCK UN.		2	STRATHC	STKATHC	STRATHC	STRATHC	STRATHC
FROM		3	240	250	26	271	287
TO		4					
FIELD	7	1	TM ZO-C	TM ZO-C	TM- ZO-C	TM ZO-C	TM ZQ-C
NUMBER		2	-1246	-1250	-1261	-1271	-1287
GSC NUMBER	3	1	C035248	C035249	C035252	C035243	C035324
QUARTZ	1	1	34x	77x	32x	54x	
K-FSP.		2	23	2	26	26x	
PLAGIOCL.		3	tr?	tr?		tr?	
MICA, IL.		4	4	1	5	2	
CHL., KA.		5	4	8	6	2	
CALCITE		6	11	9	9	15	
DOLOMITE		7	4	2	2	1	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	tr?	tr?			
D/D+C		3	24	22	20	9	
ORG. C	3	1					
MIN. C		2	0.46	0.40	0.30		0.57
CALCITE		3	2	2	2		
DOLOMITE		4	1	1	5		
ANALYS.	1		ES	200 PTS ES		301 PTS ES	
QUARTZ	2	1	XXXX	67	XXXX	87	XXXX
CHERT		2	XX	16	XX	4	X
FELDSPAR		3	XX	4	XX	4	X
MUSCOV.		4	X	1	X	TR	X
BIOTITE		5	X	tr	TR	TR	TR
CHLORITE		6	X	1	X	TR	TR
METAM.		7	X	2	X	3	X
VOLC.		8		6		TR	
CARB.		9	X	3	X	2	X
GYPSUM		10					
OTHER		11	GL	TRSL	TRGL	TRSL	T
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	0	1	F-M	F	F	F-M	F-VF
MAX. GRN.		2					
SD. STG.		3	G	VG	VG	VG	G
SD. RDG.		4	P	P	P	P	P
SD. CEMT.		5	Q CB	Q CB	Q CB	Q CB	Q CB
HOR. LAM.	1	1	X	X	X	X	
X-LAM.		2	X				
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GL	BA	RH	BN	PN
LITHOLOGY (GENERALIZED)	3	1	SS	SS	SS	SS	SS
		2					
		3					
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION		1	7-5-1	7-4-1	7-4-1	7-4-1	7-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	273-5	202	317	321	332-5
TO		4					
FIELD NUMBRS	1	1	TM-70-C	TM-70-C	TM-70-C	TM-70-C	TM-70-C
		2	-1297	-1302	-1317	-1321	-1333
GSC NUMBER		1	C0235[illegible]	C0235[illegible]	C0235[illegible]	C0235[illegible]	C0235[illegible]
QUARTZ	1	1	40 X	42 X	60 X	28	45 X
K-FSP.		2	17	4	18	5	32 X
PLAGIOCL.		3		5	9	7	6
MICA, IL.		4	4	11	3	6	12
CHL., KA.		5	2	4	1	3	4
CALCITE		6	16	31	14	33	9
DOLOMITE		7	1	3	1	1	2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1				16	
PL/PL+KF		2	0	54	22	49	
D/D+C		3	9	9	6	3	14
ORG. C	3	1					
MIN. C		2	0. 97	2. 13	2. 99	3. 58	0. 29
CALCITE		3	7	23	18	28	.2
DOLOMITE		4	1	3	7	2	.5
ANALYS.			343 PTS	ES	ES	NO TS	ES
QUARTZ	2	1	65	X X X X	X X X X		X X X X
CHERT		2	12	TR	X		X
FELDSPAR		3	5	X X	X X		X X
MUSCOV.		4	1	X X	X		X X
BIOTITE		5	tr	TR	TR		X
CHLORITE		6	tr	X	TR		X
METAM.		7			TR		TR
VOLC.		8	1				
CARB.		9	12	X X X	X X X		X X
GYPSUM		10					
OTHER		11	GL TR	GL TR	GL TR		
OTHER		12			71 TR		
INTRACL.						SET X	
OOIDS		2					
PELLETS		3					
SD. GRADE		1	F-M	VF	F		F
MAX. GRN.		2					
SD. STG.		3	VG	M	-G	-	G
SD. RDG.		4	M	P	-		P
SD. CEMT		5	Q, CB	CB, Q	Q, CB		Q, CB
HOR. LAM.	1	1	X	-	X	-	X
X-LAM.		2	-				-
BIOTURB.		3		X		X	
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	GN	RB	GN	GN	GN
LITHOLOGY (GENERALIZED)		1	SS	SS-SILT	SS	SLT	SS


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
GEOL. NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+G
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
CB. TYPE
INTRACL
OOIDS
PELLETS
CTD. GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
CG MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CONT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERA
LIPED)

Item	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	Z-4-L	Z-4-L	Z-4-L	Z-4-L	Z-4-1
ROCK UN.		2	STGJLUC	STRATJC	SZGATMG	STKATMC	STRATMC
FROM		3	37C	385	391	399.5	404
TO		4					
FIELD	2	1	TM-ZC-C	TM-ZO-C	TM-ZO-C	TM-ZO-C	TM-ZO-C
NUMBRS		2	-37C	-385	-391	-400	-404
OSC NUMBER	3	1	C035255	C035256	C035257	C035255	C035259
QUARTZ	1	1	21 X	47 X	58 X	49 X	35 X
K-FSP.		2	17	22 X	31	32 X	12
PLAGIOCL.		3	TR		TR		
MICA, IL.		4	2	1	8	6	5
CHL., KA.		5	1	3	3	3	3
CALCITE		6	27 X	16	7	18	24
DOLOMITE		7	2	1	3	12	1
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1			tr		6
PL/PL+KF		2	TR		15	10	6
D/D+C		3		8			
ORG. C	3	1					
MIN. C		2	2. 21				
CALCITE		3	17				
DOLOMITE		4	2				
ANALYS.	1		ES	ES	ES	ES	NOI TS
QUARTZ	2	1	X X X X	X X X X	X X X X	X X X X	
CHERT		2	X X	X	X	X	
FELDSPAR		3	X X	X X	X X	X X	
MUSCOV.		4	X	X X	X X	X X	
BIOTITE		5	TR	X	X	X	
CHLORITE		6	TR	X	X	X	
METAM.		7	X	X	X	X	
VOLC.		8					
CARB.		9	X X	X X	X X	X X	
GYPSUM		10					
OTHER		11	TL; TR GL	TR GL	TR GL	TR	
OTHER		12	GL; TR				
OTHER		13					
OTHER		14					
CB. TYPE		1					SLT X
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1	6 S TR ?				
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE		1	M	F	L	M	F-M
MAX. GRN.		2					
SD. STG.		3	G-VG	G-VG	G-VG	G	
SD. RDG.		4	M	P	P	M	
SD. CEMT		5	G, CG	G, CG	G, CB	G, CP	
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2					X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY-GN	LGY	LGY-GN	LGY-GN	LGY-GN
LITHOLOGY (GENERALIZED)	1	1	SS	SS	SS	SS	SS

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-7-1	7-4-1	7-4-1	7-4-1	7-4-1
ROCK UN.		2	STKA1THC	STKALHC	STRATHC	STKA1HC	STKATHC
FROM		3	115	922	436	450	481
TO		4					
FIELD	2	1	TM-70-C	TM-70-C	7M-70-C	TM-70-C	TM-70-C
NUMBER		2	-1415	-922	-436	-450	-481
OSC. NUMBER	3	1	C035260	C035261	C035262	C035263	C035264
QUARTZ	1	1	55 X	60 X	63 X	47 X	45 X
K-FSP.		2	17	9	14	19	24 X
PLAGIOCL.		3		1			3
MICA, IL.		4	8	3	2	9	6
CHL., KA.		5	4	1	2	5	4
CALCITE		6	14	25	17	15	16
DOLOMITE		7	2	1	2	2	2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	0	15	0	16	72
D/D+C		3	10	3	11		
ORG. C	3	1					
MIN. C		2		1.66	0.98	1.76	1.66
CALCITE		3		13	7	12	12
DOLOMITE		4		1	1	2	2
ANALYS.	1		ES	ES1	ES	ES	3013 PTS
QUARTZ	2	1	XX XX	XX XX	XXXX	XXXX	75
CHERT		2		X		X	1
FELDSPAR		3	XX	XX	XX	XX	5
MUSCOV.		4	X	X	X	X	1
BIOTITE		5	X	TR	TR	X	2
CHLORITE		6	X	TR	X	X	1
METAM.		7		TR	X	X	3
VOLC.		8					2
CARB.		9	XX	XX	XX	XX	10
GYPSUM		10					
OTHER		11	GL TR	TL TR	TL TR	TL TR	TR
OTHER		12		GL TR	GL TR	GL TR	GL TR
OTHER		13					
OTHER		14					
CB. TYPE		1		SAT X		SLT X	SLT X
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CED. GRN.		4					
FOSSIL	5	1		CHAR X			
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	F	F-M	F	M	F
MAX. GRN.		2					
SD. STG.		3	VG	G-VG	VG	G	VG
SD. RDG.		4	P	M	P	M	P
SD. CEMT.		5	S, CB	CB, C	C, CB	S, CB	C, CB
HOR. LAM.	1	1	X	Y	X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY-GN	LGY-GN	LGY-GN	LGY-GA	YLV-GN
LITHOLOGY (GENERALIZED)	3	1	32	32	32	32	32
		2					
		3					
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-1	7-4-1	7-4-1	7-4-1	7-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	512.5	515.2	515.6	517	537
TO		4					
FIELD NUMBER	2	1	TM-70-C	TM-70-C	TM-70-C	TM-70-C	TM-70-C
		2	-157R.5	-575.2	-575.6	-517	-537
GSC NUMBER	3	1	C035245	C035246	C035247	C035248	C035267
X-RAY / CARBON							
QUARTZ	1	1	45	15	36		
K-FSP.		2	3	2	3		
PLAGIOCL.		3	1	tr	2		
MICA, IL.		4	1	3	5		
CHL., KA.		5	tr	2	2		
CALCITE		6	44	78	50		
DOLOMITE		7	6		2		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	9	11	11		
PL/PL+KF		2	24	tr	44		
D/D+C		3	12	0	4		
ORG. C	3	1					
MIN. C		2	6.53				
CALCITE		3	46				
DOLOMITE		4	8				
THIN SECTION							
ANALYS.	1	1	ES	ES	ES	ES	ES
QUARTZ	2	1	XXX	XX	XXX	XXXX	XX
CHERT		2	TR		TR	XX	
FELDSPAR		3	X	X	X	X	
MUSCOV.		4	X	X	TR	X	X
BIOTITE		5				TR	
CHLORITE		6	TR	X	X	TR	
METAM.		7				TR	
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXX	XX XX
GYPSUM		10					
OTHER		11	TL / TR				
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1	OSTR	X OSTR	A OSTR	A OSTR	X OSTR
FOSSIL		2	CHAR	X CHAR	X CHAR	X FISH	X CHAR
FOSSIL		3				CHAR	S FISH
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	M	M	M		M
GR. GRADE		2	SD	SD	SD		SD
GR/GR+MA		3	L	H	H		H
MA. GRADE		4	R	CR	CR		CR
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	8	1	YF-F	YF	YF-F	M	YF
MAX. GRN.		2				G	
SD. STG.		3				M	
SD. RDG.		4					
SD. CEMT.		5				CE,Q	
SEDIMENTARY STRUCTURES							
HOR. LAM.	1	1				X	
X-LAM.		2	?	?			
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	YLW	Y W	LGY	LGY-YLW	LGY-OL
LITHOLOGY (GENERALIZED)	3	1	LWST [illegible]	LWST [illegible]	LWST	SS	LWST
		2	SLTY, [illegible]	SLTY, [illegible]	[illegible], SDY		SLTY, SDY
		3					
		4					
		5					
		6					

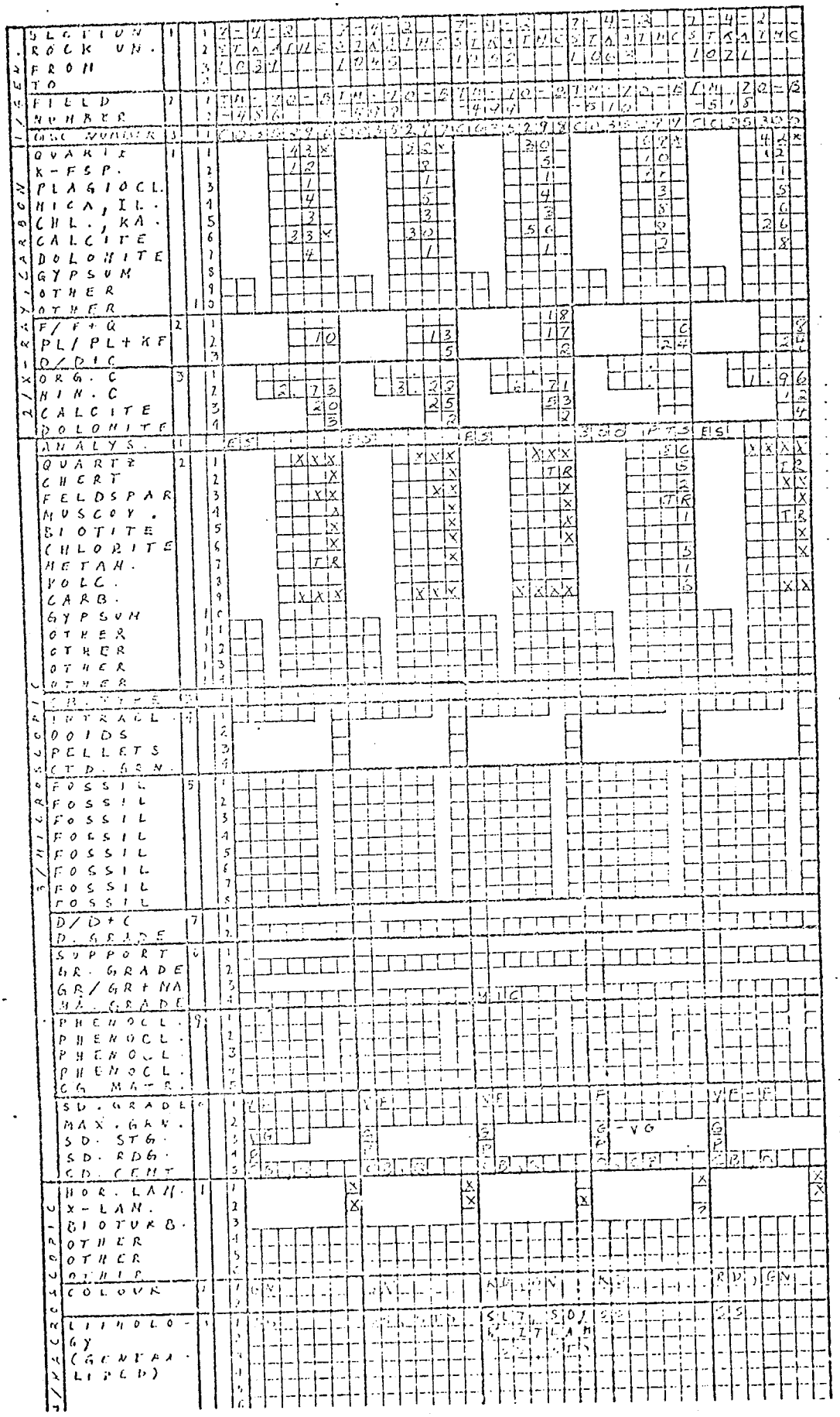
Field	Group	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-1	7-4-1	7-4-1	1-4-2	7-4-2
ROCK UN.		2	STBAIHC	STAATHC	STEAIHC	STAATHC	STAAIHC
FROM		3	552	553	570	573	572
TO		4					
FIELD NUMBER	2	1	TM-70-C	TM-70-C	TM-70-C	TM-70-B	TM-70-B
		2	-552	-0	-570	-20-A	-26
USC. NUMBER	3	1	C035270	C035272	C035271	C035273	C035275
QUARTZ	1	1	59x	49x	39x	44x	19
K-FSP.		2	14	14	5	6	1
PLAGIOCL.		3	8	1	6	8	1
MICA, IL.		4	2	1	15	6	4
CHL., KA.		5	1	1	4	2	1
CALCITE		6	14	34	23	25	48
DOLOMITE		7	2	tr	8	9	26
GYPSUM		8					
OTHER		9					
OTHER		10					12
F/F+Q	2	1	36	7	56	56	50
PL/PL+KF		2	14	1	24	27	35
D/D+C		3					
ORG. C	3	1	1.29	3.83	2.91	.	8.36
MIN. C		2	9	32	17		42
CALCITE		3	2		6		25
DOLOMITE		4					
ANALYS.	1		304 PTS	300 PTS	MC TS	ES	ES
QUARTZ	2	1	72	55		XXX	X
CHERT		2	2	5		TR	TR
FELDSPAR		3	2	5		XX	
MUSCOV.		4	1	TR		XX	X
BIOTITE		5	2			XX	
CHLORITE		6	1			X	
METAM.		7	4	TR		TR	
VOLC.		8	1				
CARB.		9	10	35		XXX	XXXX
GYPSUM		10					
OTHER		11	GL TR				
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1		ZS SLT	X		
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					DSTR A
FOSSIL	5	1		FISH	X		CHAR X
FOSSIL		2		CHAR	X		
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					M
SUPPORT	8	1					SD
GR. GRADE		2					M
GR/GR+MA		3					CR
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1	M	F-M		VF	
MAX. GRN.		2					
SD. STG.		3	G-VG	VG		G	
SD. RDG.		4	M	P		P	
SD. CEMT.		5	C, CB	CB, Q		CB, Q	
HOR. LAM.	1	1	X	X	X	X	
X-LAM.		2	X	X		X	X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GY GN	GY GN	RD, GN	RD	RD
		2					
LITHOLOGY (GENERALIZED)	3	1	[illegible]	SS	SLT	SS, SLTY	LWS SLTY
		2					
		3					
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-2	7-4-2	7-4-2	7-4-2	7-4-2
ROCK UN.		2	STRATIIC	STRATIIC	STRATIIC	STRATIIC	STRATIIC
FROM		3	626.5	670	678.5	682	685
TO		4					
FIELD	2	1	11A-72-0	TH-70-B	7M-70-B	TN-70-B	IM-70-8
NUMBER		2	-183.5	-117	-125.5	-1129	-1132
GSC NUMBER	3	1	C035276	C025527	C023273	C035279	C035280
QUARTZ	1	1	11	13	45		12
K-FSP.		2	tr		7		tr
PLAGIOCL.		3	tr		7		tr
MICA, IL.		4	3	2	5		3
CHL., KA.		5	tr	tr	2		1
CALCITE		6	64	40	27		60
DOLOMITE		7	22	45	5		24
GYPSUM		8					
OTHER		9					
OTHER		10					tr
F/F+Q	2	1	tr	0	46		
PL/PL+KF		2	0		16		29
D/D+C		3	25				
ORG. C	3	1					
MIN. C		2	9.92	10.28	2.88		10.06
CALCITE		3	58	37	17		56
DOLOMITE		4	22	45	5		25
ANALYS.	1		ES	ES	ES	ES	ES
QUARTZ	2	1	X X	X X	X X X X	X X X X	X X
CHERT		2			TR	TR	
FELDSPAR		3	TR		X X	X	X
MUSCOV.		4	X	X	X	X X	
BIOTITE		5			X	X	
CHLORITE		6	TR		X	X	
METAM.		7			TR		
VOLC.		8				X X	X X X X
CARB.		9	X X X X	X X X X	X X X		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	A	X			X
CTD. GRN.		4	X		X		
FOSSIL	5	1	CHAR		FISH		
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2		CR-MIC			
SUPPORT	6	1	M				
GR. GRADE		2	SD				
GR/GR+NA		3	L				CR
NA GRADE		4	CR				
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE		1	VF	VF	VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3			?	G	
SD. RDG.		4			P	P	
SD. CEMT		5			C[illegible]	CD, C	
HOR. LAM.	1	1		X	X	?	
X-LAM.		2					?
BIOTURB.		3	2				
OTHER		4	BRG	CRC			CRC
OTHER		5	BDSEYE	BDSEYE			BDS EYE
OTHER						RD, GN	GN, RD
COLOUR		1	GN, DA	GN, GN	MG		
LITHOLOGY (GENERALIZED)		1	LMST	[illegible]	[illegible]	[illegible]Y	/MDST
		2	CLY[illegible]	[illegible]			SLTY[illegible]Y
		3					
		4					
		5					
		6					

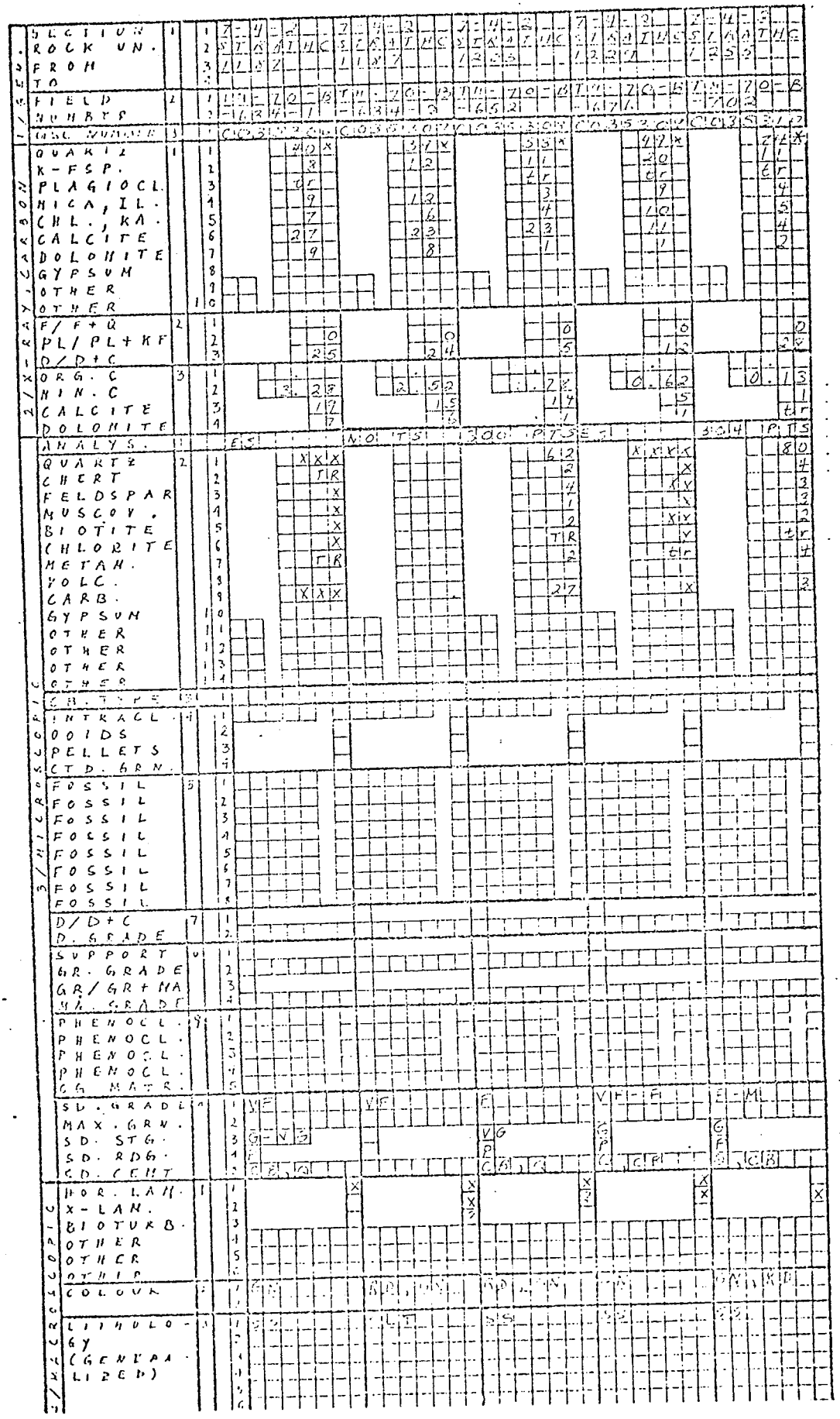
Section	Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	Z-4-2	Z-4-3	Z-4-3	Z-4-2	Z-4-2
	ROCK UN.		2	STKAIUC	STRAIUC	STRAIUC	STKAIUC	STRAIUC
	FROM		3	776	770	816	36	843
	TO		4					
	FIELD	2	1	TM-70-B	TM-70-B	TM-70-A	TM-70-B	TM-70-B
	NUMBER		2	-1283-1	-237	-263	-2153	-390
	GSC NUMBER	3	1	2103[illegible]-1	C035[illegible]2	C0[illegible]2	C035[illegible]4	C035235
2/X-RAY, CARBON	QUARTZ	1	1	56	50	27	33	
	K-FSP.		2	1	3	1	7	
	PLAGIOCL.		3	2	4	tr	4	
	MICA, IL.		4	3	10	2	14	
	CHL., KA.		5	16	5	11	7	
	CALCITE		6	24	26	7	26	
	DOLOMITE		7		2		4	
	GYPSUM		8				tr	
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1			tr	33	
	PL/PL+KF		2	100	52		13	
	D/D+C		3	0	8	0		
	ORG. C	3	1					
	MIN. C		2	1.68	3.18	0.39	[illegible].46	
	CALCITE		3	14	24	3	17	
	DOLOMITE		4		2		3	
3/MICROSCOPIC	ANALYS.	1	1	ES	ES	301 ETS	ES	ES XX
	QUARTZ	2	1	XXXX	XXXX	20	XXX	XXXX
	CHERT		2	X		3	X	
	FELDSPAR		3	X	X	1	XX	
	MUSCOV.		4	X	XX	tr	XX	TR
	BIOTITE		5	TR	X		X	
	CHLORITE		6	TR	X			
	METAM.		7	TR		1		
	VOLC.		8					X
	CARB.		9	XX	XXX	5	XXX	
	GYPSUM		10					
	OTHER		11	GL TR				
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	CTD. GRN.		4					RAD ?
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	6	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					CHT
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					SD
	SD. GRADE	8	1	VF-F	VF	F-M	VF	M
	MAX. GRN.		2					
	SD. STG.		3	VG	G	G-VG		G-VG
	SD. RDG.		4	P	P	M		M
	SD. CEMT.		5	[illegible], CB	CB	O, CC		G, CB
4/MACROSCOPIC	HOR. LAM.	1	1	X	X			
	X-LAM.		2					X
	BIOTURB.		3					
	OTHER		4					STYL
	OTHER		5					
	OTHER		6					
	COLOUR	7	1	SD	GY	OV	RD, OL	L GY
	LITHOLOGY (GENERALIZED)	1	1	SS	SS [illegible]	SS	SAT. SDY	FB. CG

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-2	7-4-2	7-4-2	7-4-2	7-4-3
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	841	896	849	871	925
TO		4					
FIELD NUMBER	2	1–2	7M-70-B-1291	7M-70-B-1293	7M-72-B-1296	7M-70-B-1328	7M-70-B-1272
GSC NUMBER	3	1	C035286	C035287	C035288	C035289	C035290
QUARTZ	1	1	55 x	63 x	46 x	60 x	40 x
K-FSP.		2	4	5	8	6	4
PLAGIOCL.		3	2	2	7	2	
MICA, IL.		4	5	9	18	4	25 x
CHL., KA.		5	7	15	14	8	18
CALCITE		6	21	5	4	20	9
DOLOMITE		7	2	1	3	6r	4
GYPSUM		8	2				
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	25	30	47	27	C
D/D+C		3	6	[illegible]	48	6r	30
ORG. C	3	1		0.46	0.98	1.50	1.14
MIN. C		2					
CALCITE		3		3	4	13	6
DOLOMITE		4		1	4		3
ANALYS.	1		ES	ES	ES	ES	ES
QUARTZ	2	1	X X X	X X X X	X X X	X X X X	X X X
CHERT		2	X	X		X	
FELDSPAR		3	X	X	X X	X	
MUSCOV.		4	X	X X	X X	X	X X
BIOTITE		5	TR	X	X X	TR	X
CHLORITE		6	TR	X	X	X	X X
METAM.		7	TR	X		TR	
VOLC.		8					
CARB.		9	X X X	X	X X	X X	X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	X		X		
CTD. GRN.		4					
FOSSIL	5	1			F[illegible] X		
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	8	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. GRADE		1	F-M	F	VF	VF-F	
MAX. GRN.		2					
SD. STG.		3	VG	VG	[illegible]		
SD. RDG.		4	M	P	P	P	
SD. CEMT.		5	C[illegible]	C, CB	C, CB	C[illegible]G	
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2					[illegible]
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	[illegible]GY	LGY, GV	GY	[illegible]	GS
LITHOLOGY (GENERALIZED)		1	SS	SS	SS, SLTY	SS	SIL
		2–6					

Item	Card	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-2	7-4-2	7-4-3	7-4-3	7-4-3
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	732	777	1003	1007	1035
TO		4					
FIELD	2	1	7H-70-B	7H-70-B	7H-70-B	7H-70-3	7H-70-B
NUMBER		2	1379	-4920	-4950	-4954	-4972
GSC NUMBER	3	1	C035529	C043327	C035272	C035276	C035292
QUARTZ	1	1	37 X	56 X	37 X	62 X	47 *
K-FSP.		2	9	9	5	7	8
PLAGIOCL.		3	10	4	15	5	1
MICA, IL.		4	11	15	2	7	2
CHL., KA.		5	11	9	6	6	4
CALCITE		6	18	7	20	17	34 X
DOLOMITE		7	4	8	10	7	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1					
PL/PL+KF		2	53	33	0	44	10
D/D+C		3	19	54	34	30	
ORG. C	3	1					
MIN. C		2	1.33	2.60	1.56		2.27
CALCITE		3	8	17	8		17
DOLOMITE		4	3	4	4		2
ANALYS.	1	1	ES	ES	300 PTS	ES	400 PTS
QUARTZ	2	1	XXXX	XXXX	79	XXXX	66
CHERT		2	X	TR	2	X	1
FELDSPAR		3	XX	XX	7	XX	3
MUSCOV.		4	XX	X	3	X	1
BIOTITE		5	X	X	1	X	2
CHLORITE		6	X	X	1	X	TR
METAM.		7	X	X	2	X	2
VOLC.		8					
CARB.		9	XX	XXX	11	XXX	25
GYPSUM		10					
OTHER		11	TL TR				TL TR
OTHER		12					GL TR
OTHER		13					
OTHER		14					
GR. TYPE	3	1					
INTRACL.	4	1					SLT X
OOIDS		2					
PELLETS		3				X	
CTD. GRN.		4					
FOSSIL	5	1				FISH X	
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	8	1	VF	VF	F	VF-F	F
MAX. GRN.		2					
SD. STG.		3	G-VG	G-VG	G-VG	M	G-VG
SD. RDG.		4	P	P	P	P	P
SD. CEMT		5	CB, Q	CB, Q	C[illegible]	CB, Q	CB, D
HOR. LAM.	1	1			X	X	X
X-LAM.		2	X	X		X	X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GN	GP	GY	GN	G[illegible] BN
LITHOLOGY (GENERAL DESCR.)	3	1	SS, SLTY	SS	SS	SS W	SS
		2				INTLAM	
		3				SLT	
		4					
		5					
		6					

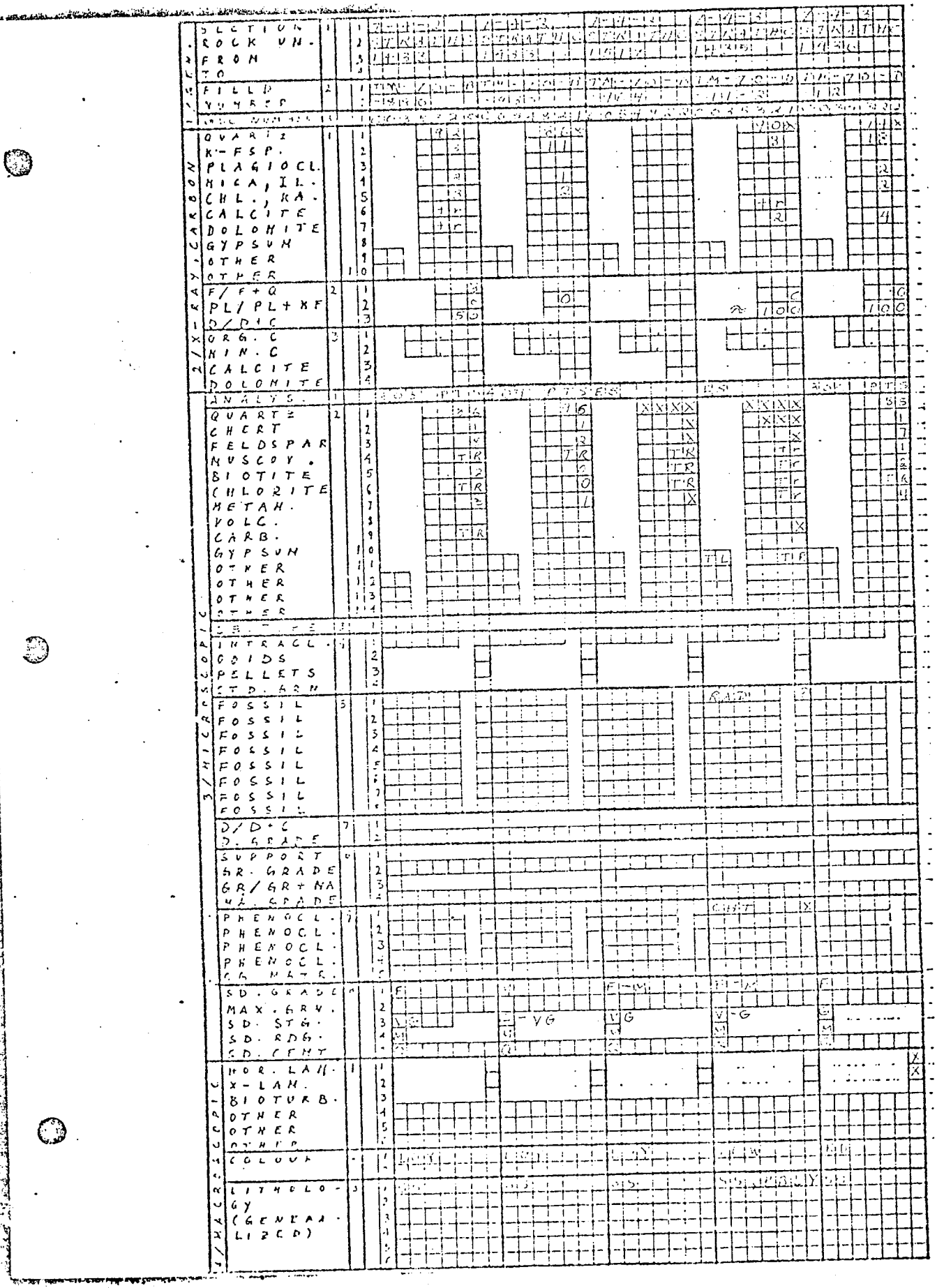

SLOTION
ROCK UN.
FROM
TO
FIELD
NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/DIC
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
CR. TYPE
INTRACL.
OOIDS
PELLETS
CTD. GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
CG MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERAL)

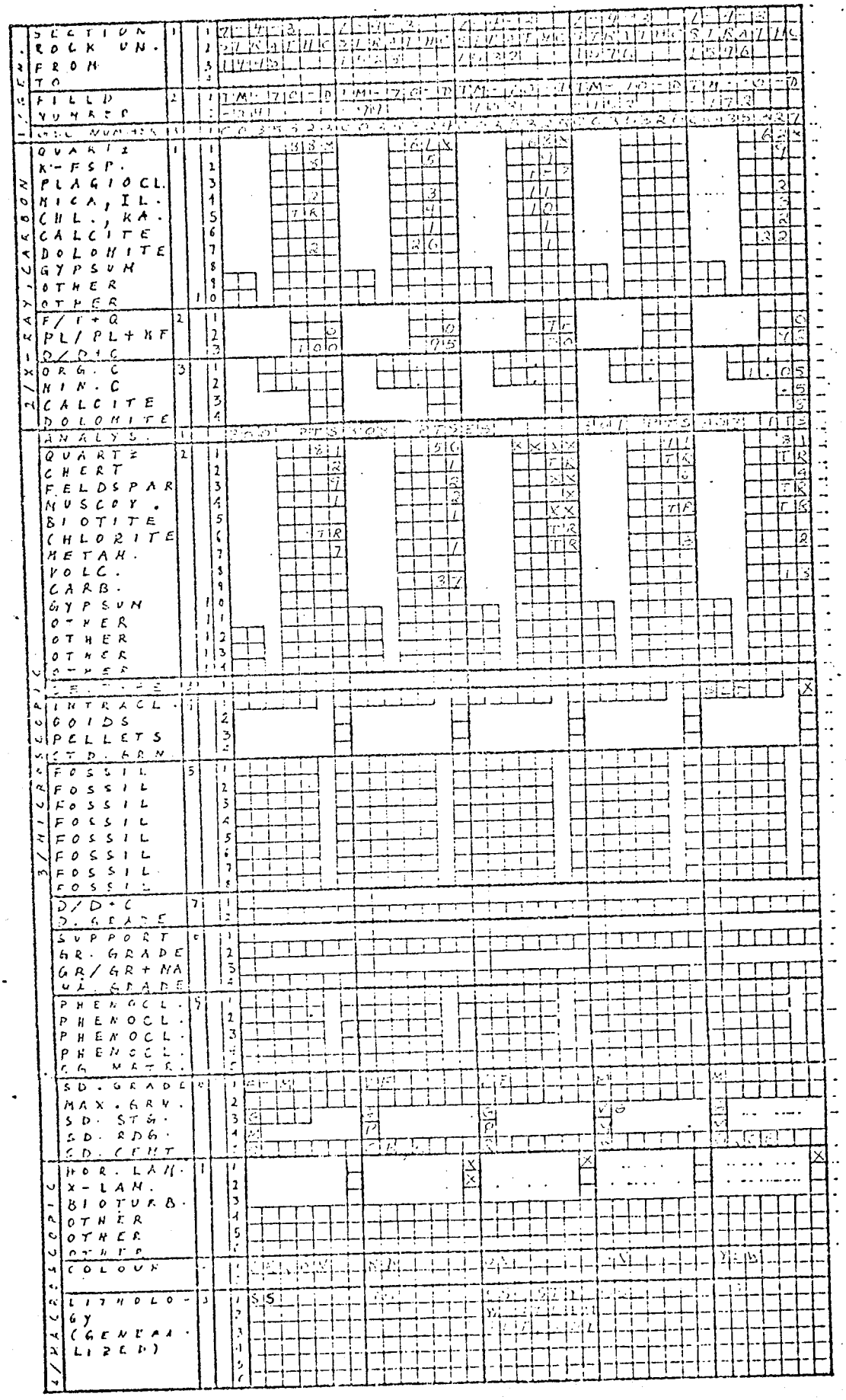
Parameter	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	7-4-2	7-4-2	7-4-2	7-4-2	7-4-2
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	1091	1103	1123	1143	1144
TO		4					
FIELD NUMBER	2	1–2	TM-70-B-1528	TM-70-B-550	TM-70-B-570	TM-70-B-590	TM-70-B-591
DISC NUMBER	3	1	C035301	C035302	C035303	C035304	C035305
QUARTZ	1	1	14	41	47	43	41
K-FSP.		2	tr	7	7	10	5
PLAGIOCL.		3		2	2	1	1
MICA, IL.		4	2	7	7	7	2
CHL., KA.		5	1	5	10	10	2
CALCITE		6	83	25	22	22	3
DOLOMITE		7	tr	13	5	7	47
GYPSUM		8					1
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	18	22	8	12
PL/PL+KF		2		34	18	25	9
D/D+C		3	tr				2
ORG. C	3	1					
MIN. C		2	9.27	2.81	1.75	1.78	
CALCITE		3	77	14	12	11	
DOLOMITE		4		8	3	4	
ANALYS.	1		ES	ES	ES	ES	ES
QUARTZ	2	1	X X	X X X X	X X X X	X X X X	X X X
CHERT		2		TR	X	X	X
FELDSPAR		3		X X	X X	X X	X
MUSCOV.		4	TR	X	X X	X	X
BIOTITE		5		X	X	X	X
CHLORITE		6		X	X	X	X
METAM.		7			TR	X	
VOLC.		8					
CARB.		9	X X X X	X X X	X X	X X	X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					LS X
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1	OSTR X				
FOSSIL		2	CHAR X				
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	M				
GR. GRADE		2	5 D				
GR/GR+MA		3	M				
MA. GRADE		4	VR				
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. GRADE	8	1	VF-F	VF	VF-F	VF-F	VF-F
MAX. GRN.		2				M-G	G-VG
SD. STG.		3		G	G	P	F
SD. RDG.		4		P	P		
SD. CEMT.		5		CB, A	CB, G	CB, G	CB, G
HOR. LAM.	1	1		?	X	X	X
X-LAM.		2		?			
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	GY	RB, GN	[illegible]	GN	GN, GN
		2				GS	GS
LITHOLOGY (GENERALIZED)	1	1	LMST	SS, SLT	[illegible]		
		2	CTL, SL	[illegible]			
		3		SS, SDY			
		4					
		5					
		6					


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
GSC NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
C.B. TYPE
INTRACL.
OOIDS
PELLETS
CTD. GRN.
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
GG MATR.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY (GENERALIZED)

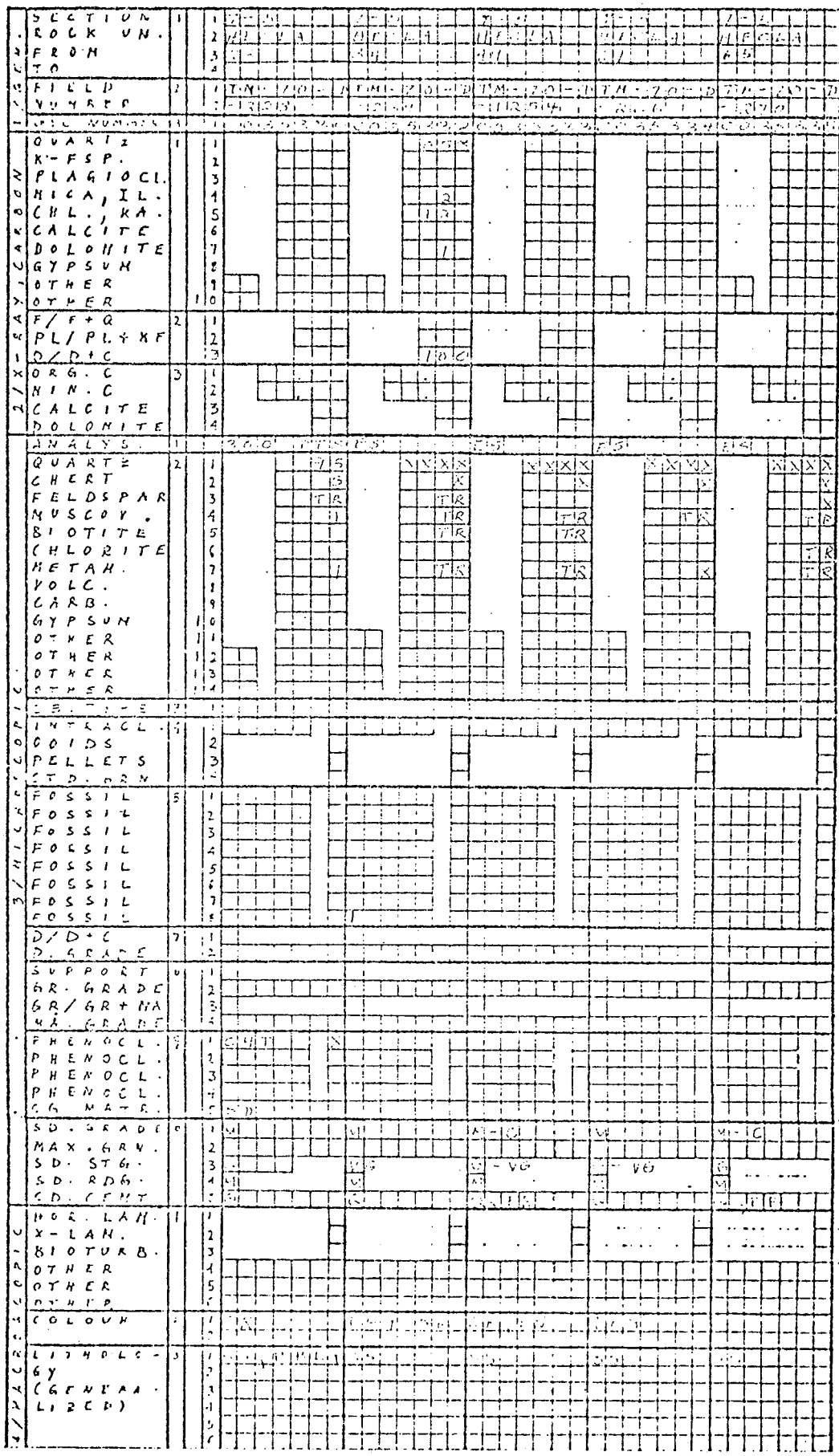
Field	Card	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	Z-4-2	Z-4-2	Z-4-2	Z-4-2	Z-4-2
ROCK UN.		2	STKAIHC	SEKALHC	STKALHC	STKALHC	STKALHC
FROM		3	1255	1265	1294	1319	1339
TO		4					
FIELD	2	1	TM 70-8	TM-70-6	TM-70-8	TM-70-6	TM-70-8
NUMBER		2	-1704	-1701	-1743	-1766	-786
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	60	84	61	60	53
K-FSP.		2	12	4	6	3	18
PLAGIOCL.		3	tr	tr	tr	tr	tr
MICA, IL.		4	17	tr	5	1	2
CHL., KA.		5	2	tr	5		3
CALCITE		6	2	12	19	33	14
DOLOMITE		7	1	tr	4	3	5
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1				0	0
PL/PL+KF		2	0	0	0	9	28
D/D+C		3	36	tr	16		
ORG. C	3	1	0.20	0.75	2.09	.	1.50
MIN. C		2			14		9
CALCITE		3	1	6	3		4
DOLOMITE		4	1	tr			
ANALYS.	1		ES	EC	ES	2.07 PTS	ESI
QUARTZ	2	1	XXXX	XXXX	XXXX	59	XXXX
CHERT		2	TR	TR	XX	4	X
FELDSPAR		3	XX	X	X	3	XX
MUSCOV.		4	X	TR	X	1	X
BIOTITE		5	XX	TR	X	1	X
CHLORITE		6	TR	TR	X		X
METAM.		7	X		TR	1	X
VOLC.		8					
CARB.		9	X	XX	XX	31	XX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF-F	VF-F	VF-M	VF-F
MAX. GRN.		2					VG
SD. STG.		3	G	M-G	G	G	
SD. RDG.		4	P	P	P	M	P
SD. CEMT.		5	C, CB	C, CB	CB, I	CB, S	CB, G
HOR. LAM.	1	1			X		X
X-LAM.		2	X		X	?	
BIOTURB.		3					
OTHER		4					
OTHER		5					
DIHIP		6					
COLOUR	1	1	[illegible]	GG	GM	YW-F [illegible]	GG
LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Item	Card	Line	Sample 1	Sample 2	Sample 3
SECTION	1	1	7-4-2	7-4-3	7-4-2
ROCK UN.		2	STRJINC	STRAINC	STRAINC
FROM		3	1348	1401	1418
TO		4			
FIELD	2	1	1M-70-B	TM-70-B	TM 70-B
NUMBERS		2	-1725	-848	-565
GSC NUMBER	3	1	00243716	00316217	0035370
QUARTZ	1	1	65X	42X	79X
K-FSP.		2	5	16	3
PLAGIOCL.		3	Lr		Lr?
MICA, IL.		4	2	8	3
CHL., KA.		5	3	10	6
CALCITE		6	17	12	2
DOLOMITE		7	8	12	2
GYPSUM		8			
OTHER		9			
OTHER		10			
F/F+Q	2	1			
PL/PL+KF		2	0	0	0
D/D+C		3	32	49	47
ORG. C	3	1			
MIN. C		2	1.14		
CALCITE		3	6		
DOLOMITE		4	3		
ANALYS.	1	1	520 F T.S. E		MO TS
QUARTZ	2	1	79	XXXX	
CHERT		2	11	X	
FELDSPAR		3	7	XX	
MUSCOV.		4	2	X	
BIOTITE		5	1	X	
CHLORITE		6	TR	X	
METAM.		7	TR	TR	
VOLC.		8			
CARB.		9	10	XXX	
GYPSUM		10			
OTHER		11			
OTHER		12			
OTHER		13			
OTHER		14			
CB. TYPE		1			
INTRACL.	4	1			
OOIDS		2			
PELLETS		3			
CTD. GRN.		4			
FOSSIL	5	1			
FOSSIL		2			
FOSSIL		3			
FOSSIL		4			
FOSSIL		5			
FOSSIL		6			
FOSSIL		7			
FOSSIL		8			
D/D+C	7	1			
D. GRADE		2			
SUPPORT	8	1			
GR. GRADE		2			
GR/GR+MA		3			
MA. GRADE		4			
PHENOCL.	9	1			
PHENOCL.		2			
PHENOCL.		3			
PHENOCL.		4			
CG. MATR.		5			
SD. GRADE	10	1	F	VF-F	VF
MAX. GRN.		2			
SD. STG.		3	VG	G	VG
SD. RDG.		4	P	P	P
SD. CEMT.		5	C?, A	CD, G	G
HOR. LAM.	1	1			X
X-LAM.		2		X	X
BIOTURB.		3	X		
OTHER		4			
OTHER		5			
OTHER		6			
COLOUR	2	1	M	GN	GN
		2			
LITHOLOGY (GENERALIZED)	3	1	SS	[illegible]	[illegible] SILT
		2			
		3			
		4			
		5			
		6			


SECTION
ROCK UN.
FROM
TO
FILLD
VUGRSP
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., RA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
KIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
SD. GRADE
MAX. GRV.
SD. STG.
SD. RDG.
SD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)


SECTION
ROCK UN.
FROM
TO
FILLD
NUMBER
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
UL. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
SD. GRADE
MAX. GRV.
SD. STG.
SD. RDG.
SD. CENT
HOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)

SECTION	1	1	Z-[illegible]	
ROCK UN.		2	[illegible]	
FROM		3	[illegible]	
TO		4		
FIELD	2	1	[illegible]	
NUMBER		2	[illegible]	
[illegible] NUMBER	3	1	[illegible]	
QUARTZ	1	1	4 4 X	1 4
K-FSP.		2	2	
PLAGIOCL.		3		
MICA, IL.		4	3	3
CHL., KA.		5	5	3
CALCITE		6	1	2
DOLOMITE		7	3 6	3
GYPSUM		8		
OTHER		9	3 3	2 2 X
OTHER		10		
F/F+G	2	1		10
PL/PL+KF		2	6	
D/D+C		3	9 6	4 2
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.	1		[illegible]	[illegible]
QUARTZ	2	1	X X X X	X
CHERT		2	T R	
FELDSPAR		3	X X	
MUSCOV.		4	X	X
BIOTITE		5	X X	
CHLORITE		6	T R	
METAM.		7		
VOLC.		8		
CARB.		9	X X X	X X X X
GYPSUM		10		
OTHER		11		
OTHER		12		
OTHER		13		
OTHER		14		
[illegible]	3	1		
INTRACL.	4	1		
OOIDS		2		
PELLETS		3		
STD. GRN		4		
FOSSIL	5	1		
FOSSIL		2		
FOSSIL		3		
FOSSIL		4		
FOSSIL		5		
FOSSIL		6		
FOSSIL		7		
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2		
SUPPORT	8	1		
GR. GRADE		2		
GR/GR+MA		3		
GR. GRADE		4		
PHENOCL.	9	1		
PHENOCL.		2		
PHENOCL.		3		
PHENOCL.		4		
CG MATR.		5		
SD. GRADE	10	1		
MAX. GRN.		2		
SD. STG.		3		
SD. RDG.		4		
SD. CFMT		5		
HOR. LAM.	1	1		
X-LAM.		2	X	
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	2	1		
LITHOLO-	3	1		
GY		2		
(GENERA-		3		
LIZED)		4		
		5		
		6		


SECTION
ROCK UN.
FROM
TO
FIELD
NUMBER
SEC. NUMBERS
QUARTZ
K-FSP.
PLAGIOCL.
MICA, IL.
CHL., KA.
CALCITE
DOLOMITE
GYPSUM
OTHER
OTHER
F/F+Q
PL/PL+KF
D/D+C
ORG. C
MIN. C
CALCITE
DOLOMITE
ANALYS.
QUARTZ
CHERT
FELDSPAR
MUSCOV.
BIOTITE
CHLORITE
METAM.
VOLC.
CARB.
GYPSUM
OTHER
OTHER
OTHER
OTHER
INTRACL.
OOIDS
PELLETS
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
FOSSIL
D/D+C
D. GRADE
SUPPORT
GR. GRADE
GR/GR+MA
MA. GRADE
PHENOCL.
PHENOCL.
PHENOCL.
PHENOCL.
SD. GRADE
MAX. GRN.
SD. STG.
SD. RDG.
SD. CEMT
BOR. LAM.
X-LAM.
BIOTURB.
OTHER
OTHER
OTHER
COLOUR
LITHOLOGY
(GENERALIZED)

GENERAL	SECTION	1	1	7
	ROCK UN.		2	11
	FROM		3	7
	TO		4	
	FIELD	2	1	18
	NUMBER		2	2
	ROC NUMBER	3	1	1
MINERALOGY	QUARTZ	1	1	
	K.-FSP.		2	
	PLAGIOCL.		3	
	MICA, IL.		4	
	CHL., KA.		5	
	CALCITE		6	
	DOLOMITE		7	
	GYPSUM		8	
	OTHER		9	
	OTHER		10	
	F/F+Q	2	1	
	PL/PL+KF		2	
	D/D+C		3	
	ORG. C	3	1	
	MIN. C		2	
	CALCITE		3	
	DOLOMITE		4	
	ANALYS.	4		
STRUCTURE	QUARTZ	2	1	
	CHERT		2	
	FELDSPAR		3	
	MUSCOV.		4	
	BIOTITE		5	
	CHLORITE		6	
	METAM.		7	
	VOLC.		8	
	CARB.		9	
	GYPSUM		10	
	OTHER		11	
	OTHER		12	
	OTHER		13	
	OTHER		14	
	SED. FE	3	1	
	INTRACL.	4	1	
	OOIDS		2	
	PELLETS		3	
	STR. GRN.		4	
	FOSSIL	5	1	
	FOSSIL		2	
	FOSSIL		3	
	FOSSIL		4	
	FOSSIL		5	
	FOSSIL		6	
	FOSSIL		7	
	FOSSIL		8	
	D/D+C	7	1	
	D. GRADE		2	
	SUPPORT	8	1	
	GR. GRADE		2	
	GR/GR+MA		3	
	MA. GRADE		4	
	PHENOCL.	9	1	
	PHENOCL.		2	
	PHENOCL.		3	
	PHENOCL.		4	
	CG MATR.		5	
	SD. GRADE	10	1	M-G
	MAX. GRV.		2	
	SD. STG.		3	
	SD. RDG.		4	
	SD. CENT		5	
	HOR. LAM.	11	1	
	X-LAM.		2	
	BIOTURB.		3	
	OTHER		4	
	OTHER		5	
	OTHER		6	
	COLOUR	12	1	
	LITHOLOGY (GENERALIZED)	13	1	
			2	
			3	
			4	
			5	
			6	

SECTION	1	1	8
ROCK UN.		2	C
FROM		3	7
TO		4	70
FIELD	2	1	17
NUMBER		2	157
GEOL NUMBER	3	1	10361
QUARTZ	1	1	58
K-FSP.		2	3
PLAGIOCL.		3	8
MICA, IL.		4	6
CHL., KA.		5	4
CALCITE		6	13
DOLOMITE		7	8
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	17
PL/PL+KF		2	72
D/D+C		3	39
ORG. C	3	1	
MIN. C		2	
CALCITE		3	
DOLOMITE		4	
ANALYS.	1		EST
QUARTZ	2	1	XXXX
CHERT		2	
FELDSPAR		3	XX
MUSCOV.		4	X
BIOTITE		5	X
CHLORITE		6	X
METAM.		7	
VOLC.		8	
CARB.		9	XX
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
[illegible]	3	1	
INTRACL	4	1	
OOIDS		2	
PELLETS		3	
CT. GRN		4	
FOSSIL	5	1	
FOSSIL		2	
FOSSIL		3	
FOSSIL		4	
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/DIC	7	1	
D. GRADE		2	
SUPPORT	8	1	
GR. GRADE		2	
GR/GR+MA		3	
MA. GRADE		4	
PHENOCL.	9	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
MG. MATR.		5	
SD. GRADE	4	1	VF
MAX. GRN.		2	
SD. STG.		3	
SD. RDG.		4	
SD. CENT		5	
HOR. LAM.	1	1	X
X-LAM.		2	
BIOTURB.		3	
OTHER		4	
OTHER		5	
OTHER		6	
COLOUR	2	1	DKGY
LITHOLOGY (GENERAL LIRED)	3	1	SLT, SDY

				Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
GENERAL	SECTION / ROCK UN. / FROM / TO	1	1–4	8 / 1 HTNA / 133	9 / 1 M 1 NA / 155	9 / 1 NLMA / 156	9 / 1 M 1 NA / 157	8 / 1 M 1 NA / 195.245 / 20 CM
	FIELD NUMBER	2	1–2	H-73-E / 1-1435	H-73-E / -413	H-73-E / -112	H-73-E / -411	ZH-73-E / II-10
	DISC NUMBER	3	1	C0361112	C0361113	C0361114	C0361115	C0361116
X-RAY, CARBON	QUARTZ	1	1	47	12	61	62	52
	K-FSP.		2	3	1	2	3	4
	PLAGIOCL.		3	6	1	8	7	6
	MICA, IL.		4	1	2	4	5	9
	CHL., KA.		5	1	2	2	3	9
	CALCITE		6	36	45	16	13	11
	DOLOMITE		7	6	37	7	7	9
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	15	16	14	14	16
	PL/PL+KF		2	70	53	32	73	63
	D/D+C		3	14	45	32	34	47
	ORG. C	3	1		0.09	0.52		
	MIN. C		2		9.50	3.02		
	CALCITE		3		40	16		
	DOLOMITE		4		36	8		
	ANALYS	1		303 PTS	EST XX	EST XXXX	EST XXXX	EST XXXX
	QUARTZ	2	1	66		TR		TR
	CHERT		2	TR		XX	XX	XX
	FELDSPAR		3	8	X	X	X	XX
	MUSCOV.		4	1	X	X	X	X
	BIOTITE		5	TR	TR	X	X	X
	CHLORITE		6	1	X			TR
	METAM.		7	1				
	VOLC.		8	23	XXXX	XXX	XX	XX
	CARB.		9	1				
	GYPSUM		10					
	OTHER		11	TL TR				
	OTHER		12					
	OTHER		13					
	OTHER		14					
CARBONATE	CA. TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	CT. D. GEN.		4					
	FOSSIL	5	1	03 TR				
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	4	1	VF			VF	VF
	MAX. GRN.		2	F-M				M
	SD. STG.		3	M				M
	SD. RDG.		4	P				P
	CD. CEMT		5	CB, G				CB, G
STRUCTURE	HOR. LAM.	1	1	X	X	X	X	
	X-LAM.		2	X				
	BIOTURB.		3					
	OTHER		4	CURB.	GRAD	CONVOL		
	OTHER		5	VEINS				
	OTHER		6					
	COLOUR	2	1	MGY	MGY	MGY	DKGY	MGY
	LITHOLOGY (GENERALIZED)	3	1–6	SD, SLTY / SLT, LAM / SLT, SDY	LMPST, SDY / SLTY, LAM / SLT, SDY	SLT, SDY	SLT, SDY	SD, SLTY

SECTION	1	1	8	8	8	8	8
ROCK UN.		2	1MIDA	1MIMA	1MIMA	1MIMA	1MIDA
FROM		3	1950.4109	1950.4583	1950.5214	1950.7211	1950.9321
TO		4	1950.5209	1950.5209	1950.5209	1950.7209	1950.9329
FIELD	2	1	1-73-E	1-73-E	1-73-E	1-73-E	1-73-E
NUMBER		2	-JJ-5-51	-TT-1-0	-TT-1-0	-TT-1-0	-TT-1-0
DDH NUMBER	3	1	C03611	C03611	C03611	C03611	C03611
QUARTZ	1	1	34	16	47	55	
K-FSP.		2	41	8	5	5	
PLAGIOCL.		3	8	6	5	6	
MICA, IL.		4	5	10	5	6	
CHL., KA.		5	6	10	5	8	
CALCITE		6	16	12	24	15	
DOLOMITE		7	7	8	9	7	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	18	24	17	13	
PL/PL+KF		2	68	42	52	68	
D/D+C		3	28	38	26	30	
ORG. C	3	1	0.13				
MIN. C		2	2.11				
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	MOTS	EST	EST
QUARTZ	2	1	XXXX	XXXX		XXX	XXXX
CHERT		2		T		TR	TR
FELDSPAR		3	XX	XX		XX	XX
MUSCOV.		4	XX	X		X	X
BIOTITE		5	X	X		X	X
CHLORITE		6	X	X		X	X
METAM.		7				TR	TR
VOLC.		8					
CARB.		9	XX	XXX		XXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	4	1					
INTRACL.		1	SLT X		SLT X		
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF
MAX. GRN.		2	F	F	F	F	F
SD. STG.		3		M	M		M
SD. RDG.		4		P	P		P
SD. CENT		5		CBIQ	CBIQ		CBIQ
HOR. LAM.	1	1		X	X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	MGY	LBY MDY	MGY	MGY	MGY
LITHOLOGY (GENERALIZED)	3	1	SLT DSS	SLT SDY	SLT SDY	SLT SDY	SLT SDY

	Item	**Code**	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**Sample 5**
Section	SECTION	1-1	8	8	8	8	8
	ROCK UN.	1-2	LMINA	LMINA	LMINA	LMINA	LMINA
	FROM	1-3	195.409	195.453	195.524	195.721	195.734
	TO	1-4	(5CM)	(6.5CM)	(8.5CM)	(14.5CM)	(21CM)
	FIELD NUMBER	2-1	TM-73-F	TM-73-E	TM-73-E	TM-73-E	-M-73-E
		2-2	-JJ-4-5	-IJ-1-0	-IJ-h-0	-TJ-1-0	-IT-r
	GSC NUMBER	3-1	C036117	C036118	C036119	C036120	C036121
Carbonate / X-ray	QUARTZ	1-1		34	46	47	55
	K-FSP.	2		4	8	5	3
	PLAGIOCL.	3		8	6	5	6
	MICA, IL.	4		5	10	5	6
	CHL., KA.	5		6	10	5	8
	CALCITE	6		16	12	24	15
	DOLOMITE	7		7	8	9	7
	GYPSUM	8					
	OTHER	9					
	OTHER	10					
	F/F+Q	2-1		.18	.24	.17	.13
	PL/PL+KF	2		.68	.42	.52	.68
	D/D+C	3		.28	.38	.26	.30
	ORG. C	3-1	0.13				
	MIN. C	2	2.11				
	CALCITE	3					
	DOLOMITE	4					
Petrography	ANALYS.	1	EST	EST	NO TS	EST	EST
	QUARTZ	2-1	XXXX	XXXX		XXX	XXXX
	CHERT	2		TR		TR	TR
	FELDSPAR	3	XX	XX		XX	XX
	MUSCOV.	4	XX	X		X	X
	BIOTITE	5	X	X		X	X
	CHLORITE	6	X	X		X	X
	METAM.	7				TR	TR
	VOLC.	8					
	CARB.	9	XX	XXX		XXX	XXX
	GYPSUM	10					
	OTHER	11					
	OTHER	12					
	OTHER	13					
	OTHER	14					
Carbonate texture	CB. TYPE	3-1					
	INTRACL.	4-1	SLT X			SLT X	
	OOIDS	2					
	PELLETS	3					
	CTD GRN.	4					
	FOSSIL	5-1					
	FOSSIL	2					
	FOSSIL	3					
	FOSSIL	4					
	FOSSIL	5					
	FOSSIL	6					
	FOSSIL	7					
	FOSSIL	8					
	D/D+C	7-1					
	D. GRADE	2					
	SUPPORT	8-1					
	GR. GRADE	2					
	GR/GR+MA	3					
	MA. GRADE	4					
	PHENOCL.	9-1					
	PHENOCL.	2					
	PHENOCL.	3					
	PHENOCL.	4					
	CG. MATR.	5					
	SD. GRADE	4-1	VF	VF	VF	VF	VF
	MAX. GRN.	2	F	F		F	F
	SD. STG.	3		Y		M	M
	SD. RDG.	4		P		P	P
	SD. CEMT	5		CB, Q		CB, Q	CB, Q
Structures	HOR. LAM.	1-1		X	X		X
	X-LAM.	2					
	BIOTURB.	3					
	OTHER	4					
	OTHER	5					
	OTHER	6					
	COLOUR	1	MGY	LGY-MGY	MGY	MGY	MGY
	LITHOLOGY (GENERALIZED)	1	SLT, SDY	SS, SLTY	SLT, SDY	SS, SLTY	SS, SLTY

Field	Set	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	8	8	8	8	8
ROCK UN.		2	LMINA	LMLNA	LMLAA	LMLNA	LMLNA
FROM		3	196.049	146.09 8	196.302	196.475	196.639
TO		4	(124.5(M)	(126(M))	132.2(M)	(157.5(M)	142.5(M)
FIELD	2	1	1 M - 72 - E	M - 73 - E	M - 73 - E	M - 73 - E	M - 72 - E
NUMBER		2	- I I - 6 - 0	- I I - 8 - C	- I I - 6 - 17	- I I - 6 - C	- I I - 9 - 0
OGC NUMBER	3	1	C 0 3 6 1 2 2	C 0 3 6 1 2 3	C 0 3 6 1 2 4	C 0 3 6 1 2 5	C 0 3 6 1 2 6
QUARTZ	1	1	53	55	61	54	23
K-FSP.		2	2	2	2	1	2
PLAGIOCL.		3	6	5	7	6	6
MICA, IL.		4	5	4	4	3	2
CHL., KA.		5	5	6	5	4	5
CALCITE		6	23	21	15	25	27
DOLOMITE		7	6	7	6	7	5
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	.12	.11	.14	.13	.13
PL/PL+KF		2	.73	.73	.76	.81	.70
D/D+C		3	.22	.25	.3C	.21	.17
ORG. C	3	1				0.06	
MIN. C		2				3.88	
CALCITE		3				24	
DOLOMITE		4				7	
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX	XXXX
CHERT		2	TL	TR	X	TR	TR
FELDSPAR		3	X	X	XX	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	X	X	X	X
CHLORITE		6	X	X	X	X	X
METAM.		7	TR		TR		TR
VOLC.		8					
CARB.		9	XXX	XXX	XX	XXX	XXX
GYPSUM		10					TR
OTHER		11	TL	TR ZC	TR TL	TR TL	
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.		1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.		1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2	F	F		F-M	F
SD. STG.		3	M	M	M	M	M
SD. RDG.		4	P	P	P	P	P
SD. CEMT.		5	CB, Q	CB, Q	CB, Q	CB, Q	CB, Q
HOR. LAM.	1	1	X		?	X	
X-LAM.		2					
BIOTURB.		3					GRV-RDS
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	MGY	MGY	MGY	LGY - MGY	MGY
LITHOLOGY (GENERALIZED)		1	SS, STY	SS, STY	SS, STY	SS, STY	SS, STY

SECTION	1	1	8	8	8	8	8
ROCK UN.		2	1 MINA	1 MINA	1 MINA	1 MINA	1 MINA
FROM		3	19 2.3 ZK	19 2.4	19 2.6 05	19 2.8 68	19 3.36 0
TO		4	76 CM)	(8 CM)	(13 CM)	(2 CM)	(3 CM)
FIELD	2	1	1 M 73 - 6	M - 73 - F	M - 73 - 6	M - 73 - 6	M - 73 - E
NUMBER		2	T - 1 - 0	T - 6 - 0	T - 6 - 5	I - 6 - 0	I - 6 - 5
DSC NUMBER	3	1	1 0 3 6 1 2 7	1 0 3 6 1 2 8	1 0 3 6 1 2 9	1 0 3 6 1 3 0	1 0 3 6 1 3 1
QUARTZ	1	1	5 3	5 4	5 1	5 4	3 1
K-FSP.		2	3	5	5	3	3
PLAGIOCL.		3	1 0	9	7	9	8
MICA, IL.		4	4	4	3	3	4
CHL., KA.		5	5	5	4	4	4
CALCITE		6	1 9	1 8	2 3	2 1	2 1
DOLOMITE		7	6	5	7	6	6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	1 4	2 1	1 8	1 8	1 7
PL/PL+KF		2	2 0	6 8	6 8	7 5	7 1
D/D+C		3	2 3	2 2	2 3	2 3	3 1
ORG. C	3	1		0 . 0 9		0 . 0 6	0 . 0 6
MIN. C		2		2 . 9 2		3 . 4 2	3 . 2 4
CALCITE		3		1 8		2 1	2 0
DOLOMITE		4		6		7	6
ANALYS.	1		EST	EST	3 CO IPT	EST	ESTI
QUARTZ	2	1	X X X X	X X X X	5 8	X X X X	X X X X
CHERT		2	T R	X	T R	T R	T R
FELDSPAR		3	X X	X X	7	X X	X X
MUSCOV.		4	X	X	2	X	X
BIOTITE		5	X	X	T R	X	X
CHLORITE		6	X	X	1	X	X
METAM.		7		T R	2	T R	T R
VOLC.		8					
CARB.		9	X X X	X X X	3 0	X X X	X X X
GYPSUM		10					
OTHER		11	T L	T R	T R 3 C	T R T L	T R
OTHER		12			T L T R T L	T R	
OTHER		13					
OTHER		14					
[illegible]	2	1					
INTRACL.	1	2	SLT	X			
OOIDS		3					
PELLETS		4					
CTD SEN.		5					
FOSSIL	5	1		ECH	3		
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	11	1	V F	V F	V F	V F	V F
MAX. GRN.		2	F	F - M	F - M	F - M	F - M
SD. STG.		3	M		M	M	M
SD. RDG.		4	P	P	P	P	P
SD. CENT		5	C B / G	F / G	C P / G	C B / G	C B / G
HOR. LAM.	1	1				Y	
X-LAM.		2			X		X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	MGY	MGY	MGY	MGY	MGY
		2					
LITHOLO-	1	1	SS, SLTY	SS, SLTY	SS, SLTY	SS, SLTY	SS, SLTY
GY		2					
(GENERA-		3					
LIZED)		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	8	8	8	8	8
ROCK UN.		2	IMINA	IMINA	IMINA	IMINA	IMINA
FROM		3	493.49L	493.522	493.67L	493.737	494.063
TO		4	(40CM)	(41CM)	(45.5CM)	(47.5CM)	(51.5CM)
FIELD	2	1	IM-73-E	IM-73-E	IM-73-E	IM-73-E	IM-73-E
NUMBER		2	-I-1-0	-IP-45	-I-C-0	-IP-d-0	-L-d-1/5
GSC NUMBER	3	1	C036132	C036133	C036134	C036135	C036136
QUARTZ	1	1	37	53	50	54	44
K-FSP.		2	2	5	3	3	6
PLAGIOCL.		3	6	7	6	8	7
MICA, IL.		4	4	5	8	4	3
CHL., KA.		5	5	5	10	5	5
CALCITE		6	18	18	16	18	28
DOLOMITE		7	8	7	7	8	7
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	12	19	15	17	23
PL/PL+KF		2	75	57	68	73	55
D/D+C		3	30	27	31	30	20
ORG. C	3	1				0.06	
MIN. C		2				2.87	
CALCITE		3				16	
DOLOMITE		4				8	
ANALYS.	1		EST	EST	EST	NO TS	EST
QUARTZ	2	1	XXXX	XXXX	XXXX		XXXX
CHERT		2	TR	TR	TR		X
FELDSPAR		3	X	XX	XX		XX
MUSCOV.		4	X	X	X		X
BIOTITE		5	X	X	X		X
CHLORITE		6	X	X	XX		X
METAM.		7	TR		TR		
VOLC.		8					
CARB		9	XXX	XXX	XXX		XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GEN		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
SG. MATR.		5					
SD. GRADE		1	VF	VF	VF		VF
MAX. GRA.		2	F	F	F		F-M
SD. STG.		3	M	M	M		M
SD. RDG.		4	P	P	P		P
SD. CEMT		5	CB,Q	CB,Q	CB,Q		CB,Q
HOR. LAM.	1	1			X		
X-LAM.		2		X			
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	MGY	MGY-	MGY		MGY
LITHOLOGY (GENERALIZED)		1	SS,STY	SS,STY	SS,STY	NO HSP	SS,STY
		2		W ITLAM	W ITLAM	(PROB.	
		3		SLT,STY	SLT,SDY	SS)	
		4			+SLT		

Field	No.	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	8	8	8	8	8
ROCK UN.		2	LMINA	1MNWA	1MLKA	1NTKA	LMINA
FROM		3	1491.L31	1491.180	1491.541	1491.109	194.L67
TO		4	(59.5CM)	(61.0CM)	(66.0CM)		
FIELD	2	1	IIP-73-E	IM-73-L	[illegible]-73-E	[illegible]-75-E	-M-75-E
NUMBERS		2	-I-C-0	-I-b-0	T-a-0	T-a-2	-I-a-19
DISC NUMBER	3	1	C036137	C036138	C036137	C036140	C036141
QUARTZ	1	1	63	52	57	56	56
K-FSP.		2	2	3	4	7	3
PLAGIOCL		3	8	6	6	7	7
MICA, IL.		4	4	11	5	7	3
CHL., KA.		5	5	11	7	7	4
CALCITE		6	11	10	16	9	21
DOLOMITE		7	7	7	5	7	6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	14	15	14	20	15
PL/PL+KF		2	80	70	60	50	66
D/D+C		3	41	41	24	46	22
ORG. C	3	1	0.08	.	.	.	.
MIN. C		2	2.47	.	.	.	.
CALCITE		3	11				
DOLOMITE		4	9				
ANALYS.	1		EST	EST	350 PTS	EST	EST
QUARTZ	2	1	XXXX	XXXX	50	XXXX	XXXX
CHERT		2			1	TR	TR
FELDSPAR		3	XX	XX	7	XX	XX
MUSCOV.		4	X	XX	4	XX	XX
BIOTITE		5	X	XX	9	X	X
CHLORITE		6	X	XX	1	XX	X
METAM.		7			1		TR
VOLC.		8					
CARB.		9	XXX	XX	27	XX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF F M P	VF F M P	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5			CB, Q	Q, CB	
HOR. LAM.	1	1	X	X		X	X
X-LAM.		2	X				
BIOTURB.		3					
OTHER		4			GRV + RDG		
OTHER		5			UNDUL		
OTHER		6					
COLOUR	1	1	MGY	MGY	MGY	LGY-MGY	MGY
LITHOLOGY (GENERALIZED)	1	1	SLT/SDY	SLT/SDY	SS	SS/SLTY	SS WC SLT, SLT SDY

Field	Card	No.	Sample 1	Sample 2	Sample 3
SECTION	1	1	8	IMTAA	IHTNA
ROCK UN.		2	IMTWA	HEAD OF FIELD F.	HEAD OF FIELD F.
FROM		3	564		7
TO		4			
FIELD NUMBER	2	1	11-73-E14-4	TM-72-1268	1H-73-1272a
GSC NUMBER	3		C036143	C026616	C026769
QUARTZ	1	1	52	43	28
K-FSP.		2	6	3	9
PLAGIOCL.		3	5	2	0
MICA, IL.		4	4	1	1
CHL., KA.		5	4	2	1
CALCITE		6	24	49	59
DOLOMITE		7	5	TR	2
GYPSUM		8			
OTHER		9			
OTHER		10			
F/F+Q	2	1	17	10	25
PL/PL+KF		2	48	39	100
D/D+C		3	19	1	4
ORG. C	3	1			
MIN. C		2			
CALCITE		3			
DOLOMITE		4			
ANALYS.	1		EST	EST	EST
QUARTZ	2	1	XXXX	XXX	XXX
CHERT		2	TR	TR	
FELDSPAR		3	XX	XX	XX
MUSCOV.		4	X	X	X
BIOTITE		5	X	TR	TR
CHLORITE		6	X	X	
METAM.		7			
VOLC.		8		XXX	XXXX
CARB.		9	XXX		
GYPSUM		10			TL TR
OTHER		11			
OTHER		12			
OTHER		13			
OTHER		14			
GR. TYPE	3	1		X	X
INTRACL.	4	1			X
OOIDS		2			
PELLETS		3		X	X
CTD. GRN.		4			X
FOSSIL	5	1		BRACH X	ECH X
FOSSIL		2		ECH X	BRACH X
FOSSIL		3		MOLL 2	BRYO X
FOSSIL		4		OSTR X	
FOSSIL		5		PARTH 2	
FOSSIL		6		TRIL X	
FOSSIL		7			
FOSSIL		8			
D/D+C	7	1			
D. GRADE		2			
SUPPORT	8	1			
GR. GRADE		2			
GR/GR+MA		3			
MA. GRADE		4			
PHENOCL.	9	1		FOSS X	FOSS X X
PHENOCL.		2		LADST,	LADST, X
PHENOCL.		3		STYL	STY
PHENOCL.		4		SDY	SDY
CG. MATR.		5			
SD. GRADE	10	1			
MAX. GRN.		2			
SD. STG.		3			
SD. RDG.		4			
SD. CEMT.		5			
HOR. LAM.	1	1	X		
X-LAM.		2	X		
BIOTURB.		3			
OTHER		4			
OTHER		5			
OTHER		6			
COLOUR	2	1	MGY- [illegible]		
LITHOLOGY (GENERAL + DETD)	1	1	SS, STY	SS, STY	SLT, SDY
		2	MITLAM	PBLY	-SS, STY,
		3	SLT, SDY		PBLY
		4			
		5			
		6			

SECTION	1	1	7-1	7-1	7-1	7-1
ROCK UN.		2	6	6	6	6
FROM		3	5	0.5	0.5	0.5
TO		4	TOP	LOW	LOW	TOP
FIELD	1	1	11-7 3-E	11-7 3-E	11-7 3-E	11-7 3-E
NUMBER		2	-1	5.5	-6	-8 -9
MISC. NUMBER		1	C10.3.6.1.4.4	C10.3.6.1.4.4	C10.3.6.1.4.4	C10.3.6.1.4.7 C10.3.6.1.4.8
QUARTZ	1	1	57	46	18	67 31
K-FSP.		2	2	1		3 2
PLAGIOCL.		3	6	3		7 3
MICA, IL.		4	6	4		7 4
CHL., KA.		5	5	3	1	5 3
CALCITE		6	12	36	80	2 8
DOLOMITE		7	12	7	1	9 46
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1	13	8	0	13 14
PL/PL+KF		2	71	78	2	73 60
D/D+C		3	48	15		81 85
ORG. C	3	1	1.	83		1. 04
MIN. C		2	4	52		5. 58
CALCITE		3		31		58
DOLOMITE		4		6		38
ANALYS.			EST	EST	EST	EST EST
QUARTZ	2	1	XXXX	XXX	XX	XXXX XXX
CHERT		2		X	X	X
FELDSPAR		3	X	X		XX X
MUSCOV.		4	X	X	X	? T R
BIOTITE		5	TR	?	TR	X X
CHLORITE		6	X	X		
METAM.		7				
VOLC.		8				
CARB.		9	XX	XXX	XXXX	XX XXX
GYPSUM		10				
OTHER		11				
OTHER		12				
OTHER		13				
OTHER		14				
CH. TYPE	3	1	M	M.S.	S.M.	G.M. M.L.G.
INTRACL.	4	1				
OOIDS		2				
PELLETS		3				
CTD. GRN.		4				
FOSSIL	5	1		TRIL	X BRYO	X BRACH X
FOSSIL		2			ECH	X ECH 2
FOSSIL		3			BRACH	X
FOSSIL		4			STRTP	X
FOSSIL		5			TRIL	X
FOSSIL		6			COR	X
FOSSIL		7			SPONG	X
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2				
SUPPORT	8	1			SD. CG	
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	9	1			POSS.	X FOSS. X
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4			SLT	
CG. MATR.		5				
SD. GRADE	10	1				
MAX. GRN.		2				
SD. STG.		3				
SD. RDG.		4				
SD. CENT		5				
HOR. LAM.	11	1	X	X	X	X X X
X-LAM.		2				
BIOTURB.		3			GRAD	GRAD
OTHER		4				
OTHER		5				
OTHER		6				
COLOUR	12	1	PRY	PRY	DRY	PRY PRY
		2			SLY	SLY SLY
LITHOLOGY (GENERALIZED)	13	1	SLT	SLT	SLT	SLT SLT
		2			FRIABLE	LBRCA
		3				
		4				
		5				
		6				

Field	Group	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	1-1	9-1	9-1	9-1	9-1
ROCK UN.		2	E1DS-R	E1DS-S	E1DS-R	E1NS-B	E1DS-B
FROM		3	3	27	27	36.75	37.3
TO		4					39.8
FIELD	2	1	1:1 73-F	73-F	73-F	73-F	73-F
NUMBER		2	-112	-33	-35	-42.75	-43.3
DISC. NUMBER	3	1	C0361749	C0561750	C0361751	C0361752	C0361753
QUARTZ	1	1	33	34	35	18	
K-FSP.		2	2	2	1		
PLAGIOCL.		3	2	5	6	1	
MICA, IL.		4		4	3		
CHL., KA.		5	2	3	3		
CALCITE		6	34	41	41	80	
DOLOMITE		7	27	11	11	1	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	7	16	17	5	
PL/PL+KF		2	52	72	81	100	
D/D+C		3	43	20	21	2	
ORG. C	3	1		1.98			
MIN. C		2		5.85			
CALCITE		3		37			
DOLOMITE		4		11			
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XXX	XXX	XXX	X TR
CHERT		2	X			X	
FELDSPAR		3	X	X	X	X	TR
MUSCOV.		4		X	X		
BIOTITE		5		?	? T R		
CHLORITE		6	X	X	X		
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1		H, G			
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1	BRACH X	BRACH	BRACH	X OSTR	X BRYO X
FOSSIL		2	BRYO X		ECH	X BRACH	X BRACH X
FOSSIL		3	TRIL X			TRIL	X ECH X
FOSSIL		4	OSTR X				
FOSSIL		5	ECH X				
FOSSIL		6	STRTP X				
FOSSIL		7	GASTR ?				
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2				M	H, G
SUPPORT	8	1				SD	CG, SD
GR. GRADE		2				M	H
GR/GR+MA		3				CR-ECHIC	CR
MA. GRADE		4					
PHENOCL.	9	1	FOSS A		FOSS A		
PHENOCL.		2	LSST X		LWST } X		
PHENOCL.		3			STY		
PHENOCL.		4					
CG. MATR.		5	SLT		SLT		
SD. GRADE	4	1					
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1			X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4				UNDUL	STYL
OTHER		5					BTIUMEN
OTHER		6					
COLOUR	1	1	7L	CWGY	SKGY	DKGY	HGY
		2					DKGY
LITHOLOGY (GENERALIZED)	3	1	BRCA	SCH	BRCA	LWST-	LWST-
		2	(LPST)		(LWST-	SLTY	LPST-
		3			LPST)		STY
		4					
		5					

SECTION	1	1	9-1
ROCK UN.		2	CT DS P
FROM		3	38.7
TO		4	
FIELD	2	1	1 7 3 - F N
NUMBER		2	MM 7
DISC NUMBER	3	1	0 3 0 1 5 4
QUARTZ	1	1	4
K-FSP.		2	
PLAGIOCL.		3	2
MICA, IL.		4	
CHL., KA.		5	
CALCITE		6	8 8
DOLOMITE		7	1
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	1 6
PL/PL+KF		2	1 0 0
D/D+C		3	1
ORG. C	3	1	
MIN. C		2	
CALCITE		3	
DOLOMITE		4	
ANALYS.	1		EST.
QUARTZ	2	1	X X
CHERT		2	
FELDSPAR		3	X
MUSCOV.		4	X
BIOTITE		5	
CHLORITE		6	
METAM.		7	
VOLC.		8	
CARB.		9	X X X X
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
CEM. TYPE	3	1	
INTRACL.	4	1	
OOIDS		2	
PELLETS		3	X
CTD. SEN.		4	
FOSSIL	5	1	OSTR X
FOSSIL		2	
FOSSIL		3	
FOSSIL		4	
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/D+C	7	1	
D. GRADE		2	
SUPPORT	8	1	M
GR. GRADE		2	S D
GR/GR+MA		3	M
MA. GRADE		4	CK-FMTC
PHENOCL.	9	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
CG MATR.		5	
SD. GRADE	10	1	
MAX. GRN.		2	
SD. STG.		3	
SD. RDG.		4	
SD. CENT		5	
HOR. LAM.	1	1	X
X-LAM.		2	
BIOTURB.		3	
OTHER		4	STYL
OTHER		5	
OTHER			
COLOUR	2	1	FMGY
LITHOLO-	3	1	LIMSTL
GY		2	SLTY
(GENERA-		3	
LIZED)		4	
		5	
		6	

Item		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	9-2	9-2	9-2	9-2	9-2
ROCK UN.	2	EIDS C	EIDS C	EIDS C	EIDS C	EIDS C
FROM	3	6	LOWER	MIDDLE	UPPER	1023
TO	4		PART	PART	PART	
FIELD	1	11-75-F	E 4-13-	11-73-	11-73	11-73-61
NUMBER	2	-107	158A	1388	138C	-4
T.S. NUMBER	1	C036755	C036514	C056515	C036516	C036756
QUARTZ	1	45	34	24	30	34
K-FSP.	2	1	3	2	1	1
PLAGIOCL.	3	4	8	1	5	2
MICA, IL.	4	6	8	8	12	7
CHL., KA.	5	7	6	6	8	5
CALCITE	6	30	33	33	36	42
DOLOMITE	7	7	8	8	8	9
GYPSUM	8					
OTHER	9					
OTHER	10					
F/F+Q	1	.10	25	24	18	9
PL/PL+KF	2	72	70	82	79	67
D/D+C	3	18	19	20	18	18
ORG. C	1					0.12
MIN. C	2					4.67
CALCITE	3					30
DOLOMITE	4					8
ANALYS.	1	CST	NO TS	NO TS	NO TS	EST
QUARTZ	1	XXX				XXX
CHERT	2					X
FELDSPAR	3	X				XX
MUSCOV.	4	XX				X
BIOTITE	5	2 TR				X
CHLORITE	6	X				
METAM.	7					
VOLC.	8					
CARB.	9	XXX				XXX
GYPSUM	10					
OTHER	11					
OTHER	12					
OTHER	13					
OTHER	14					
GR. TYPE	1	M				M
INTRACL.	1					
OOIDS	2					
PELLETS	3					
ST. GRN.	4					
FOSSIL	1					
FOSSIL	2					
FOSSIL	3					
FOSSIL	4					
FOSSIL	5					
FOSSIL	6					
FOSSIL	7					
FOSSIL	8					
D/D+C	1					
D. GRADE	2					
SUPPORT	1					
GR. GRADE	2					
GR/GR+MA	3					
MA. GRADE	4					
PHENOCL.	1					
PHENOCL.	2					
PHENOCL.	3					
PHENOCL.	4					
GR. MATR.	5					
SD. GRADE	1					
MAX. GRN.	2					
SD. STG.	3					
SD. RDG.	4					
SD. CEMT.	5					
HOR. LAM.	1	X	X	X	X	X
X-LAM.	2					
BIOTURB.	3					
OTHER	4					
OTHER	5					
OTHER	6					
COLOUR	1	MGY	GM	GM	GM	LGY-GN
LITHOLOGY (GENERALIZED)	1	SLT, FY	SLT	SLT	SLT	SLT-F/
	2	ARG				ARG
	3					
	4					
	5					
	6					

Field	Card	Line	Sample 1	Sample 2	Sample 3
SECTION	1	1	9-2	9-2	9-2
ROCK UN.		2	EIDS C	EIDS C	EIDS E
FROM		3	1680	1709.5	1713
TO		4			
FIELD NUMBER	2	1–2	114-73-61-61	11-73-6-970.5	11-73-6-94
DOC. NUMBER	3	1	C036157	C036158	C036159
QUARTZ	1	1	35	29	8
K-FSP.		2	2	2	1
PLAGIOCL.		3	4	1	2
MICA, IL.		4	6	5	
CHL., KA.		5	5	4	
CALCITE		6	40	50	87
DOLOMITE		7	8	9	2
GYPSUM		8			
OTHER		9			
OTHER		10			
F/F+Q	2	1	14	9	26
PL/PL+KF		2	66	78	6
D/D+C		3	17	15	2
ORG. C	3	1			
MIN. C		2			
CALCITE		3			
DOLOMITE		4			
ANALYS.	1		EST	EST	EST
QUARTZ	2	1	X X X	X X	X X
CHERT		2			TR
FELDSPAR		3	X	X	X
MUSCOV.		4	X X	X	
BIOTITE		5	X	X	
CHLORITE		6	X	TR	
METAM.		7			
VOLC.		8			
CARB.		9	X X X	X X X X	X X X X
GYPSUM		10			
OTHER		11			
OTHER		12			
OTHER		13			
OTHER		14			
CB. TYPE	3	1	H, G		
INTRACL.	4	1			
OOIDS		2			
PELLETS		3			
CTD. GRN.		4			
FOSSIL	5	1	CTYLN	2 OSTR X	ECH X
FOSSIL		2			BRACH X
FOSSIL		3			OSTR X
FOSSIL		4			TRIL X
FOSSIL		5			BRYO X
FOSSIL		6			STYLN X
FOSSIL		7			
FOSSIL		8			
D/D+C	7	1		M / C	M / C
D. GRADE		2			
SUPPORT	8	1		M S D	M, G S D, C G
GR. GRADE		2			
GR/GR+MA		3		N	H
MA. GRADE		4		C R - F M / C	C R - F M / C
PHENOCL.	9	1			
PHENOCL.		2			
PHENOCL.		3			
PHENOCL.		4			
CG. MATR.		5			
SD. GRADE	10	1		V F	V F
MAX. GRN.		2			
SD. STG.		3			
SD. RDG.		4			
SD. CEMT.		5			
HOR. LAM.	1	1			
X-LAM.		2			
BIOTURB.		3			GVIN QU
OTHER		4			
OTHER		5			
OTHER		6			
COLOUR		1	L GY - GN	L GY - GN	L GY - GM
LITHOLOGY (GENERALIZED)		1–6	SLT, ARG	LMDST, STY LW, ITLAM, LMST, STY	LMST, LPST, SLT

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	1-3	9-3	9-3	1-3	1-3
ROCK UN.		2	EIDS D	EIDS D	EIDS D	CIDS D	EIDS D
FROM		3	0.5	16	49	30.5	33
TO		4					
FIELD	2	1	11-73-6	11-73-6	11-73-6	11-73-6	11-73-6
NUMBER		2	132.5	-148	-171	-162.5	165
GSC NUMBER	3	1	C035760	C036161	C036162	C036163	C036164
QUARTZ	1	1	5	41	5	31	3
K-FSP.		2		3		3	
PLAGIOCL.		3	1	5		3	
MICA, IL.		4		5		4	
CHL., KA.		5		4		4	
CALCITE		6	92	27	92	38	96
DOLOMITE		7	2	15	3	17	1
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	19	15	0	15	0
PL/PL+KF		2	100	64		49	1
D/D+C		3	2	37	3	31	
ORG. C	3	1				6.13	
MIN. C		2				4.95	
CALCITE		3				27	
DOLOMITE		4				13	
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	XXX	X	XXX	X
CHERT		2				X	
FELDSPAR		3	TR	X		X	
MUSCOV.		4	TR	X		X	
BIOTITE		5	TR	X		X	
CHLORITE		6		X			
METAM.		7					
VOLC.		8	XXXX	XXX	XXXX	XXXX	XXXX
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
STD. GRV.		4					
FOSSIL	5	1	CORCL X		ECH	A BRACH	X BRACH X
FOSSIL		2	ECH X		BRACH	A ECH	X ECH X
FOSSIL		3	BRACH X			TRIL	X BRYO X
FOSSIL		4	OSTR X				GASTR X
FOSSIL		5					OSTR X
FOSSIL		6					TRIL X
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1	G			M	G L M
GR. GRADE		2	C G, SD			S D, CG	S D, CG
GR/GR+MA		3	H			M	H
MA. GRADE		4	C R-FMIC			C R-FMIC	C R
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG MATR.							
SD. GRADE	4	1			VF	VF	
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT		5					
HOR. LAM	1	1		X		Y	
X-LAM.		2		Y			
BIOTURB.		3					
OTHER		4		VNDVL		STYL	STYL
OTHER		5		STYL			
OTHER		6					
COLOUR		1	LGY-BN	-GY-BN	LGY	LGY-GN	LGY
		2	YLW				
LITHOLOGY (GENERALIZED)		1	LST	SLT	LGST	LMST	LMST-
		2	STY, SDY		STY, SDY	STY, SDY	LMST-
		3				SLT	LGST, RW
		4					STY
		5					
		6					

SECTION	1	1	9-2	9-3	9-3	9-3	7-3	
ROCK UN.		2	ET DS	ET DS	ET DS	ET DS	ET DS	
FROM		3	37	17	24	65	82	
TO		4						
FIELD	2	1	11-13-6	14-13-6	14-13-6	14-13-6	14-13-6	14-13-6
NUMBER		2	116N	1719	1316	1719	1917	2715
TOTAL NUMBER	2	1	103	165	105	167	103	165
QUARTZ	1	1		6		27		45
K-FSP.		2				22		32
PLAGIOCL.		3				33		55
MICA, IL.		4				77		83
CHL., KA.		5		97		46		14 26
CALCITE		6		3		11		19 19
DOLOMITE		7						
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+G	2	1		0		17		16 12
PL/PL+KF		2				60		60 62
D/D+C		3				19		57 22
ORG. C	3	1					C.	19	0.	14
MIN. C		2					3.	62	5.	51
CALCITE		3						72		25
DOLOMITE		4						17		20
ANALYS.	1		EST.	EST.	EST.	EST.	EST.	X X X
QUARTZ	2	1	X X X	X X	X X X	X X X X	X X X
CHERT		2		TR		X	X	X
FELDSPAR		3	X			X	X	X
MUSCOV.		4	X X	TR		X	X	X
BIOTITE		5	X			X	X	X
CHLORITE		6	X			X	X	X
METAM.		7						
VOLC.		8						
CARB.		9	X X X	X X X X	X X X	X X X	X X X
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
[illegible]	4	1						
INTRACL	4	1						
OOIDS.		2						
PELLETS		3			X			
STD. GRN.		4						
FOSSIL	5	1		BRACH	XALG.	X		
FOSSIL		2		ECH	X			
FOSSIL		3		OSTR	X			
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	8	1		G				
GR. GRADE		2		S D				
GR/GR+MA		3		H				
MA. GRADE		4		CR				
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
GL. MATR.		5						
SD. GRADE	10	1						
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CENT.		5						
HOR. LAM.	1	1		X		X		X
X-LAM.		2						X
BIOTURB.		3						
OTHER		4		STYL		BRC		
OTHER		5						
OTHER		6						
COLOUR	1	1	LGY-GM	LGY-GM	LGY-GM	LGY-GM	LGY-GM	LGY-GM
		2						
LITHOLO-	2	1	SLT.	LSTY.	DVL.	DTS.	SLT.	SLT.
GY		2	ARG.	SDY.	ARG.	LBD.	ARG.	ARG.
(GENERA		3			WSL.	F		
LIZED)		4			LG.			
		5			ARG.			

SECTION	1	1	7-3	9-3	7-3	7-3	4-3
ROCK UN.		2	2 5	5 D	5 7 D S	5 7 D S	5 7 D S
FROM		3	2 8	1 0 4	1 0 8	D	D
TO		4					
FIELD	2	1	11-7	3-6	11-7	3-9	11-7	3-6	12-7	3-6	12-7	3-6	12-7	3-9
NUMBER		2	2 9 0		2 3 6		2 4 0		2 4 3		2 5 5	
SAC. NUMBER	3	1	0 8	1 7 0	0 8	1 7	1 0 3	0 1	1 2	0 5 6	1 7 3	0 0 3	0 1 7	1
QUARTZ	1	1	4	4 7	4 7	4	4	5 0
K-FSP		2		5		6	1	5
PLAGIOCL.		3		3		6		8
MICA, IL.		4		5		5		4
CHL., KA		5		4		3	2	2
CALCITE		6	9 4	1 6	1 8	9 2 4	1 5
DOLOMITE		7	2	2 0	1 5	1	1 6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	1 5	2 0	1 3	2 0
PL/PL+KF		2		3 6	4 9	0	6 0
D/D+C		3	2	5 5	4 6		5 0
ORG. C	3	1					
HIR. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	X X X	X X X X	X X X X	X X X X
CHERT		2			X X	X X	X X
FELDSPAR		3		X	X	X	X
MUSCOV.		4		X	X	X	X
BIOTITE		5		X	X	X	X
CHLORITE		6					
METAM.		7					
VOLC.		8					X X X
CARB		9	X X X X	X X X	X X X		
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	3	1				CMDST	X
INTRACL.	4	1					
OOIDS		2					X
PELLETS		3					
CTD. GRN		4		X			
FOSSIL	5	1	BRACH	X BRACH	X	ECH	ABRACH	Y
FOSSIL		2	ECH	X		BRACH	X	
FOSSIL		3	OSTR	X				
FOSSIL		4	GASTR	X				
FOSSIL		5	BRYO	X				
FOSSIL		6	PART.	X				
FOSSIL		7	TRIL	X				
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	8	1	G			G		
GR. GRADE		2	S D			S D		
GR/GR+MA		3	H					
MA. GRADE		4	C					
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	10	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CENT		5						X
HOR. LAM.	1	1						
X-LAM.		2						
BIOTURB.		3				STYL		
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	1	1	BM	LGY-GM	LGY-GM	DM	LGY-GM
LITHOLOGY	3	1	LMST	PMSLT	DMSLT	SLT	LGST	SLT	SDY
		2	SDY			SDY		
		3	SDY					
		4						
		5						

Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION (1)	9-3	9-3	9-3	9-3	9-3
ROCK UN.	EIDS-D	EIDS-D	EIDS-D	EIDS-D	EIDS-D
FROM	167	180	246	305	337
TO					
FIELD NUMBER (2)	14-73-61 -2119	14-73-61 -3012	14-73-61 -5715	14-73-61 -4357	14-73-69 -1469
DISC NUMBER (3)	C0361-75	C0361-76	C0361-77	C0361-79	C0361-80
QUARTZ (1-1)	55	38	53	16	15
K-FSP.	3	3	5	2	1
PLAGIOCL.	5	7	4	1	3
MICA, IL.	5	6	3	2	2
CHL., KA.	3	4	2	1	1
CALCITE	14	24	19	74	71
DOLOMITE	15	18	14	4	8
GYPSUM					
OTHER					
OTHER					
F/F+Q (2)	12	19	13	16	9
PL/PL+KF	64	71	45	29	0
D/D+C	52	41	41	5	11
ORG. C (3)					
MIN. C					
CALCITE					
DOLOMITE					
ANALYS.	EST	EST	EST	EST	EST
QUARTZ (2)	XXXX	XXX	YXXX	XX	XX
CHERT					TR
FELDSPAR	X	XX	XX	X	X
MUSCOV.	X	X	X	X	Y
BIOTITE	X	X	X		X
CHLORITE	X	X	X	TR	
METAM.					
VOLC.					
CARB.	XYX	XXX	XXX	YXXX	XXYX
GYPSUM				TL	TR
OTHER					
OTHER					
OTHER					
OTHER					
GR. TYPE					
INTRACL.					
OOIDS					
PELLETS					
CTD GRN.					
FOSSIL (5)		ECH	X BRACH	X ECH	X BRACH X
FOSSIL		ALG	X BRYOZ H	X BRACH	X ECH X
FOSSIL				BRYO	X OSTR Y
FOSSIL				PEL	X ARTH Y
FOSSIL					TRIL ?
FOSSIL					CORCL ?
FOSSIL					
FOSSIL					
D/D+C (7)					
D. GRADE					
SUPPORT					S, M
GR. GRADE					SD, CG
GR/GR+MA					4
MA. GRADE				CRT-MIC	CD-MIC
PHENOCL. (9)					
PHENOCL.					
PHENOCL.					
PHENOCL.					
GG. MAX.					
SD. GRADE	VF	VF	VF	VF	VF
MAX. GRN.					
SD. STG.					
SD. RDG.					
SD. CEMT.					
HOR. LAM.		Y	X		
X-LAM.		2	X		
BIOTURB.		2			
OTHER	VMDUL				STYL
OTHER					
OTHER					
COLOUR	GN	LGY-GN	LGY-GN	LGY-GN	BM
LITHOLOGY (GENERALIZED)	SLT, SDY	SLT, SDY	SLT, SDY / SSLTY	LMST, / SLTY, SDY	LMST, PW / LMST / SLTY, SDY

Field	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	9-3	9-3	9-3	9-3	7-3
ROCK UN.		2	E1DS D	F1DS D	L1DS D	S1DS D	G1DS D
FROM		3	380	445	173	183	502
TO		4					
FIELD	2	1	HH-73-6	HH-73-6	HH-73-6	HH-73-6	HH-73-6
NUMBER		2	-1572	-1577	-1605	-1615	-1634
OGC NUMBER	3	1	C0361 81	C0361 82	C0361 83	C0361 84	C0361 85
QUARTZ	1	1	71	31	41	40	5
K-FSP.		2	1	1	7	3	
PLAGIOCL.		3	1		2	2	
MICA, IL.		4			2	3	
CHL., KA.		5			2	2	
CALCITE		6	87	83*	28	21	86
DOLOMITE		7	4	13	18	29	9
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	25	15	16	13	0
PL/PL+KF		2	46	0	19	42	9
D/D+C		3	4		39	57	
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1	1	EST	EST	EST	EST	EST
QUARTZ	2	1	XX	X	XXX	XXX	XX
CHERT		2			X		
FELDSPAR		3	X	TR	XX	X	TR
MUSCOV.		4	X		X	X	
BIOTITE		5	TR		X	TR	
CHLORITE		6			X	X	
METAM.		7			TR		
VOLC.		8					
CARB.		9	XXXX	XXXX	XXX	XXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
[illegible]	3	1			G	G H SLT X	
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					A
STD. GEN.		4					
FOSSIL	5	1	BRACH	X ECH	ABRACH	X	OSTR. X
FOSSIL		2	GASTR	X BRACH	X		ECH 2
FOSSIL		3	TRIL	X OSTR	X		
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1	M	G LM			M
GR. GRADE		2	C G	S D			S D
GR/GR+MA		3	H	H			H
MA. GRADE		4	C R-FMIC	C R-FMIC			C R-FMIC
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3			G		
SD. RDG.		4			P M		
SD. CEMT		5			C E		
HOR. LAM	1	1			X	X	
X-LAM.		2					
BIOTURB.		3					
OTHER		4				BRC	
OTHER		5					
OTHER		6					
COLOUR		1	BN	BM	LGY	LGY	BM
LITHOLOGY (GENERALIZED)		1	LWST,	LWST,	SS, SLTY	SLT, SDY	LWST,
		2	SLTY, SDY	LFST,	[illegible]		SLTY, SDY
		3		LGST, PW	SLTY, SDY		
		4		SLTY			
		5		SDY			

SECTION	1	1	9-3	
ROCK UN.		2	CIRC	D
FROM		3	5C7	
TO		4		
FIELD	2	1	01-73-6N1	
NUMBER		2	-6389	
MSL NUMBER	4	1	C0 S16/8	
QUARTZ	1	1		14
K-FSP.		2		2
PLAGIOCL.		3		2
MICA, IL.		4		2
CHL., KA.		5		1
CALCITE		6	7	1
DOLOMITE		7		2
GYPSUM		8		
OTHER		9		
OTHER		10		
F/F+Q	2	1		22
PL/PL+KF		2		53
D/D+C		3		11
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.			EST.	
QUARTZ	2	1		XX
CHERT		2		
FELDSPAR		3		X
MUSCOV.		4		X
BIOTITE		5		
CHLORITE		6		TR
METAM.		7		
VOLC		8		
CARB.		9	XXX	X
GYPSUM		10		
OTHER		11		
OTHER		12		
OTHER		13		
OTHER		14		
CAR. TYPE	3	1		
INTRACL	1	1		
OOIDS		2		
PELLETS		3		X
CTD. SAM		4		
FOSSIL	5	1	BRACH	X
FOSSIL		2	ECH	X
FOSSIL		3		
FOSSIL		4		
FOSSIL		5		
FOSSIL		6		
FOSSIL		7		
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2		
SUPPORT	8	1	GR	
GR. GRADE		2	SD	
GR/GR+MA		3		
MA GRADE		4	C	MATRIX
PHENOCL.	9	1		
PHENOCL.		2		
PHENOCL.		3		
PHENOCL.		4		
GL MATR.		5		
SD. GRADE	1	1	VC	
MAX. GRN.		2		
SD. STG.		3		
SD. RDG.		4		
SD. CENT		5		
HOR. LAM.	1	1		
X-LAM.		2		
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	2	1	GRY-DN	
		2		
LITHOLO-	1	1	LIMEST	
GY		2	LPCTL	
(GENERA-		3	SLTY-SDY	
LIZED)		4		
		5		
		6		

SECTION	1	1	9-4	1-4	1-4	1-4	1-4	2-4
ROCK UN.		2	VCMDM	VCMDM	VCMDM	VCMDM	VCMDM	VCMDM
FROM		3	16	20	61	47	52	
TO		4						
FIELD	2	1	1-7 3-5	1-7 3-5	1-7 3-5	1-7 3-5	1-7 3-5	1-7 3-5
NUMBER		2	16 64 1	13 13	17 01	1 1 15	5 20	
USC NUMBER	3	1	10.03.01.87	10.03.01.88	10.03.01.89	10.03.01.96	10.03.01.97	
QUARTZ	1	1	91	48	15	21	50	
K-FSP.		2		4	12	1	3	
PLAGIOCL.		3		4	3	1	1	
MICA, IL.		4		4	1	2	2	
CHL., KA.		5		2		1	1	
CALCITE		6	70	1				
DOLOMITE		7	21	37	79	74	43	
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	10	15	28	10		8
PL/PL+KF		2		52	60	52		71
D/D+C		3	23	97	100	100		100
ORG. C	3	1	10.117	.111	..	..		0.17
MIN. C		2	100.111	5.45	..	..		6.00
CALCITE		3	62	03				0
DOLOMITE		4	21	12				46
ANALYS.	1		EST.	EST.	EST.	EST.	EST.	
QUARTZ	2	1	XX	XXXX	X	XX	XX	XXXX
CHERT		2						X
FELDSPAR		3		X	X	X	X	X
MUSCOV.		4	TR	X	X	X	X	X
BIOTITE		5		X		TR		TR
CHLORITE		6		X		TR		TR
METAM.		7						
VOLC.		8						
CARB.		9	XXXX	XXX	XXXX	XXXX		XXX
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CB. TYPE	12	1						
INTRACL	3	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1	BRZO	X				
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2			HIGH-VF	GR-VF		
SUPPORT	8	1	M					
GR. GRADE		2	GM					
GR/GR+MA		3	M					
MA. GRADE		4	CR					
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG MATR.		5						
SD. GRADE	4	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						G
SD. RDG		4						P
SD. CEMT		5						CLB
POR. LAM.	1	1			X		X	
X-LAM.		2					X	
BIOTURB.		3					X	
OTHER		4			STYL			
OTHER		5						
OTHER		6						
COLOUR	2	1	RN	GRN	GRN	GRY	GRY	GRY
		2						
LITHOLO-	3	1	LWS.TL	SLTS.DNDLST		SLST	SLST	SLST
GY		2	STY.LSDN		STY.LSDN	STY.LSDN	STY.LSDN	
(GENERA-		3						
LIZED)		4						
		5						
		6						

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	V-4	V-4	V-4	V-4	V-4
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	179	216	244	351	435
TO		4					
FIELD	2	1	7M-73-6	[illegible]	[illegible]	[illegible]	[illegible]
NUMBER		2	8,271	8,64	592	999	[illegible]
GSC NUMBER			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	50	51	61	55	51
K-FSP.		2	6	3	12	6	6
PLAGIOCL.		3	2	3	2	2	3
MICA, I..		4	4	3	3	4	2
CHL., KA..		5	3	2	2	4	1
CALCITE		6				1	
DOLOMITE		7	35	38	20	20	37
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	13	11	14	11	15
PL/PL+KF		2	26	44	16	20	38
D/D+C		3	100	100	100	95	100
ORG. C	3	1	.	.	0.22	.	0.10
MIN. C		2	.	.	3.08	.	4.72
CALCITE		3			0		0
DOLOMITE		4			24		36
ANALYSIS	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX	XXXX
CHERT		2			TR	TR	TR
FELDSPAR		3	X	X	XX	X	XX
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	X	X	X	X
CHLORITE		6	X	X	X	X	TR
METAM.		7			TR	TR	
VOLC.		8					
CARB.		9	XXX	YXX	XX	X?	XXX
GYPSUM		10					
OTHER		11			BC TR		
OTHER		12			TL TR		
OTHER		13					
OTHER		14					
SH. ...	3	1					
INTRACL.	4	1			SLT		
OOIDS		2					
PELLETS		3					
STD. GR.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	8	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	9	1	VF	VF	VF-F	VF-F	VF
MAX. GRV.		2					
SD. STG.		3			S	S	S
SD. RDG.		4			P-H	P	P
SD. CEMT.		5			S [illegible]	S [illegible]	S [illegible]
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2			X		X
BIOTURB.		3					
OTHER		4	UNDUL				
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	LGY	LGY	LGY	LGY, YLW
		2					
LITHOLOGY (GENERALIZED)	3	1	SLT, SDY	SLT, SDY	SS, SLTY	SS	SS, SLTY
		2					
		3					
		4					
		5					
		6					

Item	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	[illegible]	[illegible]	[illegible]		
ROCK UN.		2	VEVDOM	VEVDOM	VEVDOM		
FROM		3	468	492	[illegible]		
TO		4					
FIELD	2	1	[illegible]-73-S	[illegible]-73-S	[illegible]-73-S		
NUMBER		2	-1116	-1128	-1252		
GSC NUMBER		1	[illegible]	[illegible]	[illegible]		
QUARTZ	1	1	75	54	85		
K-FSP.		2	5	4	3		
PLAGIOCL.		3		2			
MICA, IL.		4	1	3	1		
CHL., KA.		5	2	1	1		
CALCITE		6			1		
DOLOMITE		7	17	36	57		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	[illegible]	[illegible]	3		
PL/PL+KF		2	0	33	0		
D/D+C		3	100	100	99		
ORG. C	3	1		[illegible]			
MIN. C		2		4.44			
CALCITE		3		0			
DOLOMITE		4		34			
ANALYS.	1	1	GST	GST	GST		
QUARTZ	2	1	XXX	XXX	XXX		
CHERT		2	TR	TR	TR		
FELDSPAR		3	X	X	X		
MUSCOV.		4	X	X	X		
BIOTITE		5	X	X	TR		
CHLORITE		6	X	TR	TR		
METAM.		7	TR				
VOLC.		8					
CARB.		9	XX	XXX	XXX		
GYPSUM		10					
OTHER		11		[illegible]	TR		
OTHER		12	TR TR				
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.		1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2			CR-VF		
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	F	1	VF-F	VF	VF-F		
MAX. GRN.		2					
SD. STG.		3	G	G			
SD. RDG.		4	P	P			
SD. CEMT.		5	[illegible]	[illegible]			
HOR. LAM.	1	1	X		X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	LGY	LGY YLW		
LITHOLOGY (GENERALIZED)	3	1	SS	SS, SLTY	[illegible]		
		2			[illegible]		
		3					
		4					
		5					
		6					

SECTION	1	1	10-1	10-1	10-1	10-1	10-1	10-1
ROCK UN.		2	ELDS B	ELDS B	ELDS B	ELDS B	ELDS B	ELDS B
FROM		3	0	21	27	35.5	16	
TO		4						
FIELD	2	1	1M-73-4	1M-73-4	1M-73-4	1M-73-4	1M-73-4	
NUMBER		2	-10	-121	-127	-35.5	-46	
SAMPL. NUMBER		1	C036041	C036041	C036041	C036041	C036041	
QUARTZ	1	1	4 5	4 3	3	3 6		
K-FSP.		2		2	1	4		
PLAGIOCL.		3	1	2		3		
MICA, IL.		4		3		5		
CHL., KA.		5		3		3		
CALCITE		6	9 3 9 4	3 8	9 5	3 3		
DOLOMITE		7	2 1	9	1	1 6		
GYPSUM		8						
OTHER		9						
OTHER		10						
F/FE	2	1	2 4	9	16	15		
PL/PLUKF		2	1 0 0	6 2	0	4 5		
D/DIS		3	2	1 1	1	3 3		
ORG. C	3	1		1 0 2				
MIN. C		2		4 8 3				
CALCITE		3		3 1				
DOLOMITE		4		8				
ANACS.	1	1	EST	EST	EST	EST	EST	
QUARTZ	2	1	X	X	X X X	X	X X X	
CHERT		2		X			Y	
FELDSPAR		3	TR		X	TR	Y	
MUSCOV.		4	TR		X		X	
BIOTITE		5					X	
CHLORITE		6			X			
METAM.		7						
VOLC.		8						
CARB		9	X X X X	X X X X	X X X	X X X X	X X X	
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CH. TYPE	3	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
ATD. SPN.		4						
FOSSIL	5	1	ECH.	ECH.	X OSTR	X ECH.	A OSTR	X
FOSSIL		2	BRACH	X BRACH	X BRACH	X SRACH	X BRACH	X
FOSSIL		3		BRYO	X	BRYO	X FISH	X
FOSSIL		4		OSTR	X	FISH	X	
FOSSIL		5		TRIL	X			
FOSSIL		6		FUSA	X			
FOSSIL		7						
FOSSIL		8						
D/DFC	7	1						
D. GRADE		2						
SUPPORT	8	1				G		
GR. GRADE		2	C SD	S D		S D C SD		
GR/GR+MA		3	H	H		H		
MA. GRADE		4	CR	CS		CR		
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
G. MATR.		5						
SD. GRADE	10	1						
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
CD. CENT		5						
HOR. LAM.	11	1			X			
X-LAM.		2						
BIOTURB.		3					FISS	
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	12	1	LGY, BN	BN	DGY BN	BN	DN	
		2						
LITHOLOGY (GENERALIZED)	13	1	LPST	LPST	SLT, ARG	LPST	CLST	
		2	SLTY			SLTY	STY, SDY	
		3						
		4						
		5						
		6						

SECTION	1	1	10-1
ROCK UN.		2	E/DS B. E/DS C
FROM		3	57.5 70
TO		4	
FIELD	2	1	10-73-A 10-73-A 10-
NUMBER		2	-57.5 -70
SAMPLE NUMBER	4	1	0036 0436 0036 0437
QUARTZ	1	1	5 41
K-FSP.		2	1 3
PLAGIOCL.		3	2 4
MICA, IL.		4	2 4
CHL., KA.		5	3
CALCITE		6	86 21
DOLOMITE		7	4 21
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	35 14
PL/PL+KF		2	61 53
Q/Q+C		3	5 50
ORG. C	3	1	0 24
MIN. C		2	4 63
CALCITE		3	18
DOLOMITE		4	14
ANALYS.	1		EST. EST.
QUARTZ	2	1	X X X X
CHERT		2	
FELDSPAR		3	X X
MUSCOV.		4	X X
BIOTITE		5	X
CHLORITE		6	X
METAM.		7	
VOLC.		8	
CARB.		9	X X X X X X X
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
CH. TYPE	4	1	
INTRACL	4	1	
OOIDS		2	
PELLETS		3	
CTD. GRN.		4	
FOSSIL	5	1	ECH X FISH X
FOSSIL		2	BRACH X
FOSSIL		3	BRYO X
FOSSIL		4	OSTR. X
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/D+C	7	1	
D. GRADE		2	
SUPPORT	6	1	G
GR. GRADE		2	SD, CG
GR/GR+MA		3	SH
MA. GRADE		4	CR-FM MC
PHENOCL.	7	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
CG. MATR.		5	
SD. GRADE	8	1	VF
MAX. GRN.		2	
SD. STG.		3	
SD. RDG.		4	
SD. CENT.		5	
HOR. LAM.	1	1	X
X-LAM.		2	
BIOTURB.		3	
OTHER		4	
OTHER		5	
OTHER		6	
COLOUR	2	1	RD-BN LGY-GM
		2	
LITHOLO-	3	1	CPST. SLT. ARG
GY		2	SDY. SDY.
(GENERA-		3	
LIZED)		4	
		5	
		6	

Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	10-2	10-2	10-2	10-2	10-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	2	1	3	12	27
TO		4					
FIELD NUMBER	2		1H-73-8 -0	1H-73-8 -1	1H-73-8 -3	1H-73-13 -12	1H-73-2 27
GSC NUMBER	3		C036048	C03604[illegible]	C036050	C036051	C036052
X-RAY CARBON: QUARTZ	1	1	61	8	15	73	51
K-FSP.		2	6	1	2	7	[illegible]
PLAGIOCL.		3	4	1	2	3	1
MICA, IL.		4	2		1	1	4
CHL., KA.		5		1			1
CALCITE		6		1	4	5	25
DOLOMITE		7	27	88X	75X	11	9
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1	.15	.16	.19	.26	.15
PL/PL+KF		2	.39	.50	.42	.67	.33
D/D+C		3	1.00				.26
ORG C	3	1					0.55
MIN. C		2					3.10
CALCITE		3					23
DOLOMITE		4					9
ANALYS.	1		EST	EST	EST	300 PTS	EST
QUARTZ	2	1	X XXX	XX	XX	66	XXXX
CHERT		2	TR			TR	
FELDSPAR		3	XX	X	X	6	XX
MUSCOV.		4	X		X	1	X
BIOTITE		5	TR		TR	TR	TR
CHLORITE		6		X			TR
METAM.		7	TR			1	
VOLC.		8					
CARB.		9	XXX	XXXX	XXXX	26	XXX
GYPSUM		10					
OTHER		11	TL	TR			
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1	G, HG	G	G	G	G
INTRACL.							
OOIDS							
PELLETS							
STD. ARY.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2		CR-MIC CR-F			
SUPPORT	5	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	Y	1		DIST	X DIST	A	
PHENOCL.		2		DIST,	X DIST,	X	
PHENOCL.		3		STY	STY,		
PHENOCL.		4			SDY		
CG. MATR.		5			SS		
SD. GRADE	6	1	VF	VF, F	VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3	G	P		VG	
SD RDG.		4	P-M			P	
SD CEMT		5	CB, R	CB		CB, R	
HOR. LAM	1	1	X			X	X
X-LAM.		2	X			X	X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR			LGY	LGY		YE-W-BN	LGY
LITHOLOGY (GENERALIZED)			SS, STY	[illegible] GRANG [illegible] SLY, SDY	GRN-FSCG	SS	SLT, SNY

SECTION	1	1	10-12	13-15	16-18	19-21	22-24	25-27
ROCK UN.		2	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7
FROM		3	3 9	5 7	1 3	7 1	3 1	
TO		4						
FIELD	2		10-12	13-15	16-18	19-21	22-24	25-27
NUMBER			3 9	5 7	7 3	7 1	8 1	
GSC NUMBER	3		0 0 5 1	8 1 7	5 0 3	3 0 8 3	5 0 3 1	0 0 5 4
QUARTZ	1	1	5 7	12 0	6 1	5 5	5 6	
K-FSP.		2	6	1	7	8	5	
PLAGIOCL.		3	5	3	4	6	7	
MICA, IL.		4	4	3 1		2	5	
CHL., KA.		5	2				2	
CALCITE		6	2	1	1 5	2 1	1	
DOLOMITE		7	2 4	6 3 1	4	5	2 4	
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+G	2	1	1 6	2 1	1 5	2 1	1 8	
PL/PL+KF		2	4 6	9 7	3 5	4 1	0 0	
D/D+C		3	9 2	3 1	1 5	2 9	9 5	
ORG. C	3	1			10 2 2			
MIN. C		2			3 4 5			
CALCITE		3			2 5			
DOLOMITE		4			6			
ANALYS.	1		EST	EST	SOOT PITS	EST	EST	
QUARTZ	2	1	X X X X	X X X	5 2	X X X X	X X X X	
CHERT		2			TR	T R		
FELDSPAR		3	X X	X	7	X X	X	
MUSCOV.		4	X	X	TR	X	Y	Y
BIOTITE		5	T R	T R	TR	X	T R	
CHLORITE		6	X				Y	
METAM.		7						
VOLC.		8						
CARB.		9	X X X	X X X X	4 7	X X X	X X X X	
GYPSUM		10						
OTHER		11			3 C T R			
OTHER		12			FL T R			
OTHER		13						
OTHER		14						
CB. TYPE	3	1	G, M	G	G	G, V		
INTRACL.	4							
OOIDS								
PELLETS								
CTD. ADM.								
FOSSIL	5	1		BR, WA, M				
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
D/D+C	7	1		GR-W F				
D. GRADE		2						
SUPPORT	8	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CC. MATR.		5						
SD. GRADE	10	1	VF	VF	VF-F	VF	VF	
MAX. GRV.		2						
SD. STG.		3	P	P	P-M	P		
SD. RDG.		4						
SD. CENT		5	C R, G	C R, G	F, G	R, G		
HOR. LAM.	1	1	X	X	X	X	X	X
X-LAM.		2				X		X
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2		Y, W	Y, W	Y, W	Y, W	Y, W	
LITHOLO-	3		S, T, Y	D, S, T, Y	S, G	S, G, S, T, Y	S, T, Y	S, T, Y
GY (GENERA-				S, T, Y, S, Y				
LIZED)				T, Y, T, A, M				
				S, G, S, T, Y				
				S, G, S, T, Y				

		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	10-2	10-2	10-2	10-2	10-2
ROCK UN.	2	VENDON	VENDOM	VENDOM	VENDOM	VENDON
FROM	3	82	96	130	132	140
TO	4					
FIELD NUMBER		TN-73-B-33	TM-73-B-96	TM-73-B-130	TM-73-B-132	TM-73-B-140
GSC NUMBER		C036057	C036058	C036059	C036060	C036061
QUARTZ	1	48	8	24	25	8
K-FSP.	2	6		5	4	6
PLAGIOCL.	3	5	4	4	7	4
MICA, IL.	4	1			2	3
CHL., KA.	5				2	
CALCITE	6	1				
DOLOMITE	7	39	19	51	58	6
GYPSUM	8		65	16	2	73
OTHER	9		AH 4			
OTHER	10					
F/F+Q	1	17	33	27	29	54
PL/PL+KF	2	45	100	44	62	36
D/D+C	3	98	100	100	100	100
ORG. C	1			0.40		
MIN. C	2			8.51		
CALCITE	3			0		
DOLOMITE	4			65		
ANALYS.	1	EST	EST	EST	EST	EST
QUARTZ	1	XXXX	XX	XXX	XXX	XX
CHERT	2	TR				
FELDSPAR	3	XX	X	XX	XX	XX
MUSCOV.	4	X	TR	TR	X	X
BIOTITE	5	TR	TR	TR	TR	TR
CHLORITE	6				X	
METAM.	7					
VOLC.	8					
CARB.	9	XXX	XX	XXX	XXX	X
GYPSUM	10		XXXX	XX		XXXX
OTHER	11		AH TR			
OTHER	12					
OTHER	13					
OTHER	14					
CB. TYPE	1	M, G				
D/D+C	1					
D. GRADE	2	CR-FMIC		CR-FMIC	CR-VF	
SD. GRADE	1	VF	VF	VF	VF	VF
MAX. GRN.	2					
SD. STG.	3	G			G	
SD. RDG.	4	P			P	
SD. CEMT.	5	CG, G			CB	
HOR. LAM.	1	X	X	X	X	
X-LAM.	2					
BIOTURB.	3					
OTHER	4	RRC				
OTHER	5					
OTHER	6					
COLOUR		LGY-YLW	LGY	LGY	RD	LGY-RD
LITHOLOGY (GENERALIZED)		SS, SLTY [illegible]	GYPS, SLTY, SSY	DLST, SLTY, SDY, INTLAM SST, SLTY, GYPS [illegible]	DLST, SLTY, SDY, INTLAM SS, SLTY, DLST, SDY	GYPS, SLTY, SDY

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	10-2	12-3	10-2	12-2	10-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	168	188	198	220	232
TO		4					
FIELD NUMBER	2		TM-73-B-168	TM-73-B-188	TM-73-B-198	TM-73-B-220	TM-73-B-232
GSC NUMBER	3		C036062	C036063	C036064	C036065	C036066
QUARTZ	1	1	20	8	27		60
K-FSP.		2	2		6		8
PLAGIOCL.		3	2	5	17		4
MICA, IL.		4	4	3	1		2
CHL., KA.		5	2				0
CALCITE		6					5
DOLOMITE		7	3	5	40		21
GYPSUM		8	67	76	7		
OTHER		9		AH 7	AH 2		
OTHER		10					
F/F+G	2	1	16	26	46		16
PL/PL+KF		2	56	100	74		30
D/D+C		3	100	100	100		80
ORG C	3	1	.	.	.	.	0.28
MIN. C		2					3.18
CALCITE		3					4
DOLOMITE		4					20
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XX	XXX	XX	XXXX
CHERT		2					TR
FELDSPAR		3	X	X	XX	X	XX
MUSCOV.		4	X	X	X	X	TF
BIOTITE		5	TR	TR	TR	TR	TR
CHLORITE		6	X				TR
METAM.		7					
VOLC.		8		Z	XXX	XXX	XXX
CARB.		9	X		XX	XXYY	
GYPSUM		10	XXXX	XXXX	TR	TR	
OTHER		11		AH X	AH	A?	
OTHER		12					
OTHER		13					
OTHER		14					G, H?
CD. TYPE	3	1					
INTRACL.	4						
OOIDS							
PELLETS							
STD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2			CR-VF	CR	
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CL. MATR.		5					
SD. GRADE	8	1	VF	VF	VF	VF	VF
MAX. GRN.		2					M-VG
SD. STG.		3			G		
SD. RDG.		4			P		P
SD. CEMT.		5			CB, Q GB		CAL Q
HOR. LAM.	1	1		X	X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		RD	LGY	LGY	LGY	LSY
LITHOLOGY (GENERALIZED)	3		GY.FS STY, SDY	GY.PS STY, SDY	DL.ST, SDY SLTY, ITLAM SS, STY GYPS VEINS	DL.ST, STN, SDY W GYPS VEINS	DSL STY

SECTION	1	1	10-2	10-2	10-2	10-2	10-2	10-2
ROCK UN.		2	VCMDOM	VCMDOM	VCMDOM	VCMDOM	VCMDOM	VCMDOM
FROM		3	236	238	260	272	314	
TO		4						
FIELD	2	1	TM-73-B	TM-73-B	TM-73-D	TM-73-B	TM-73-B	TM-73-B
NUMBER			-123	-239	-260	-127	-317	
GSC NUMBER	3		C03616	C03610	C03616	C03610	C03610	C03711
QUARTZ	1	1	18	12	17	48		47
K-FSP.		2	2	2	3	6		3
PLAGIOCL.		3	1	2	1			2
MICA, IL.		4	2	1	2	2		9
CHL., KA.		5	1	2	2	1		6
CALCITE		6				3		
DOLOMITE		7	76	81	75	40		28
GYPSUM		8						2
OTHER		9					AH	3
OTHER		10						
F/F+Q	2	1	15	21	18	12		9
PL/PL+KF		2	44	51	30	0		43
D/D+C		3	100	100	100	94		100
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		EST	EST	EST	EST	MC	TS
QUARTZ	2	1	XX	XX	XX	XXXX		
CHERT		2				TR		
FELDSPAR		3	X	X	X	X		
MUSCOV.		4	X	X	X	X		
BIOTITE		5	TR	TR	TR	TR		
CHLORITE		6	TR	X	X	TR		
METAM.		7						
VOLC.		8						
CARB.		9	XXXX	XXXX	XXXX	XXX		
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CB. TYPE	3	1				G.M		
INTRACL.	4							
OOIDS								
PELLETS								
CTD. GRN.								
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
D/D+C	7	1						
D. GRADE		2	CR-VF	CR-VF	CR-VF			
SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	8	1	VF	VF	VF	CF		
MAX. GRN.		2						
SD. STG.		3				G		
SD. RDG.		4				P		
SD. CEMT		5				CB		
HOR. LAM.	1	1		X	X		X	
X-LAM.		2						
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2		YLW	DV	LGY-DLGY	LGY-DLGY		
LITHOLOGY (GENERALIZED)	3		PRIMARY SITY, SDY	PRIMARY SITY, SDY	PRIMARY SITY, SDY	SDY, TTEAM, SITY, SDY	AMT	

SECTION	1	1	10	10-12	10-12	10-12	10-12
ROCK UN.		2	VL MD 5 M	2 L V D M	VL M 3 C M	VC L D R	VF V D C M
FROM		3	3 1 8	3 7 2	1 7 2	3 9 6	4 3 2
TO		4					
FIELD	2	1	1 N-12 3-18	7 M-13 3-18	7 M-13 3-18	1 M-17 5-18	7 M-13 3-18
NUMBER			3 1 8	3 7 2	3 1 9 2	3 9 6	4 3 2
GSC NUMBER	3		0 0 3 6 3 7 2	0 0 3 6 0 7 3	0 0 3 6 0 7 4	0 0 3 6 0 7 5	0 0 3 6 0 7 6
QUARTZ	1	1	6 3	6 4	7 5 8	7 2	5 5
K-FSP.		2	8 1	7	1 1 1	1 3	7
PLAGIOCL.		3	1			1	8
MICA, IL.		4	2	6		5	2
CHL., KA.		5	1	3		2	1
CALCITE		6	1	5		2	1
DOLOMITE		7	2 4	1 5	1 3	5	2 6
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	1 2	1 0		1 6	2 2
PL/PL+KF		2	1 4	8	0	8	5 4
D/D+C		3	9 6	7 7	1 0 0	7 6	9 6
ORG. C	3	1			0. 1 2		
MIN. C		2			1. 8 3		
CALCITE		3	1		0		
DOLOMITE		4	1		1 4		
ANALYS.	1	1	EST	EST	300 P T 5	EST	EST
QUARTZ	2	1	X X X	X X X X	7 4	X X X X	X X X X
CHERT		2	T R	T R	T R		T R
FELDSPAR		3	X X	X	9	X X	X X
MUSCOV.		4	X	X	T R	X	Y
BIOTITE		5	T R	X		X	T R
CHLORITE		6	T R	X		X	T R
METAM.		7					
VOLC.		8					
CARB.		9	X X X	X X	1 7	X X	X X X
GYPSUM		10					
OTHER		11			T L T R		
OTHER		12					
OTHER		13					
OTHER		14					
GB TYPE	3	1	G, M	G	G	G	G, M
INTRACL.	4						
OOIDS							
PELLETS							
CTD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
SR/GR+NA		3					
MX. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	8	1	VF	VF	VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3	F	G-VG	VG	G-VG	G
SD. RDG.		4	P	P	P	P	P
CD. CEMT.		5	T R	Q, C R	S, C R	Q, C R	C R
HOR. LAM.	1	1		X	X	X	
X-LAM.		2				X	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		L G Y	L G Y	L G Y	L G Y	L G Y
LITHOLO-	3		S L, S T Y	S L, S T Y	S L	S L, S T Y	S L, S T Y
GY				S T, S R			
(GENERA-				S L, S T, S R Y			
LIZED)							

Field	Card	Col	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	1C-2	1C-2	1C-2	1C-2	1C-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	138	142	153.8	160	170
TO		4					
FIELD NUMBER	2	1	TM-73-B-138	TM-73-B-142	TM-73-B-153.8	TM-73-B-160	TM-73-B-170
GSC NUMBER	3		C036077	C036078	C036079	C036080	C036081
QUARTZ	1	1	33	39	4	14	43
K-FSP.		2	10	3	1	2	3
PLAGIOCL.		3	2	3		1	3
MICA, IL.		4	3	5		2	3
CHL., KA.		5	2	2			2
CALCITE		6					
DOLOMITE		7	50	48	95	81	41
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	27	13	20	12	18
PL/PL+KF		2	20	47	0	47	45
D/D+C		3	100	100	100	100	100
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XXX	XX	XX	XXXX
CHERT		2	TR	TR		TR	TR
FELDSPAR		3	XX	X	TR	X	X
MUSCOV.		4	X	X	TR	X	X
BIOTITE		5	X	TR	TR	TR	X
CHLORITE		6	X	X	TR	TR	X
METAM.		7		TR			
VOLC.		8					
CARB.		9	XXX	XXXX	XXXX	XXXX	XXX
GYPSUM		10					
OTHER		11				TL	TR
OTHER		12					
OTHER		13					
OTHER		14					
CD. TYPE	3	1	H, G				G, H
INTRACL.	4						
OOIDS							
PELLETS							
CTD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-VF	CR-F	CR	
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	8	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3	G	G			
SD. RDG.		4	P	P			
CD. CEMT.		5	CB, Q	CB			
HOR. LAM.	1	1		X			X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2		LGY	LGY	LGY-YLW	LGY	LGY
LITHOLOGY (GENERALIZED)	3		SIL, STY W ITL AM DLST, STY, SDY	DLST, STY, SDY W ITL LAM [illegible] STY + [illegible] SDY	DLST, STY, SDY	DLST, STY, SDY	SLT, SDY

SECTION	1	1	15-2	10-2	10-2	10-2	10-2
ROCK UN.		2	VENSOM	VCMDOM	VEMDOM	VEMDOM	VEMDOM
FROM		3	513	54	570	576	04
TO		4					
FIELD	2	1	7N-73-1N	7M-73-B	7M-73-B	7M-73-A	7M-73-D
NUMBER			-513 1	-15 1B	-570 1	-576	-1
GSC NUMBER	3		C03K018	C013518	C013K018	C013618	C013618
QUARTZ	1	1	18	50	24	33	10
K-FSP.		2	51	7	7	5	2
PLAGIOCL.		3	2	3	7	4	5
MICA, IL.		4	2	3	2	5	2
CHL., KA.		5	1	2	1	2	3
CALCITE		6			14	5	6
DOLOMITE		7	72	351	15	26	34
GYPSUM		8					2
OTHER		9				4H	1
OTHER		10					
F/F+Q	2	1	24	17	30	14	16
PL/PL+KF		2	25	33	52	45	73
D/D+C		3	00	100	52	35	88
ORG. C	3	1				0.06	.
MIN. C		2				4.60	.
CALCITE		3	1			5	
DOLOMITE		4	1			37	
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XXXX	XXXX	XXXX	XXX
CHERT		2	T.R	TR	TR	TR	
FELDSPAR		3	X	XX	XX	XX	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	TR	TR	TR	X	X
CHLORITE		6	TR	TR	TR	X	X
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXX	XXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CG. TYPE	3	1	M.G	M.G	M.G	M.G	G.M
INTRACL.	4						
OOIDS							
PELLETS							
CTD. GRN.							
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
D/D+C	7	1					
D. GRADE		2	G-VF				
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	8	1	VF-F	VF-F	VF-F	VF	VF
MAX. GRN.		2					
SD. STG.		3			G	M	
SD. RDG.		4		P-M		F	
CD. CEMT		5		C B	C B	C B	
HOR. LAM.	1	1	X				X
X-LAM.		2	X			X	
BIOTURB.		3					
OTHER		4	SOLZM			COVVOL	
OTHER		5				BRC	
OTHER		6					
COLOUR	2		LGNY-GN	LGNY-YLW	LGNY-YLW	LGNY-YLW	LGN
LITHOLOGY (GENERALIZED)	3		DLSTL SGY	ESTY SGY	SGY SGY	SGY SGY	SLTY SGY

1/GENERAL	SECTION	1	1	10-2	10-2	10-2	10-2	10-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	664.4	667	670.5	73	57
	TO		4					
	FIELD	2	1	TN-73-10	TN-73-8	TN-73-8	TN-73-2	TN-73-6
	NUMBER			-1.4	-3	-71.5	-10	-1
	GSC NUMBER	3		103610313	103610311	103610410	105610411	103610912
2/X-RAY-CARBON	QUARTZ	1	1	201	94	95	61	19
	K-FSP.		2	41	6	7	3	
	PLAGIOCL.		3	5	8	9	2	4
	MICA, IL.		4	2	2	3	2	2
	CHL., KA.		5	1	3	1	1	2
	CALCITE		6	251	18	10	19	
	DOLOMITE		7	44	9	15	47	73
	GYPSUM		8	1				
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	310	211	212	16	17
	PL/PL+KF		2	514	515	518	413	100
	D/D+C		3	614	33	610	710	100
	ORG. C	3	1	1				
	MIN. C		2	1				
	CALCITE		3	1				
	DOLOMITE		4	1				
	ANALYS.	1		ESIT 1	ESIT	ESIT	ESIT	ESIT
3/MICROSCOPIC	QUARTZ	2	1	XXX	XXXX	XXXX	XXX	XXX
	CHERT		2	.	TR	TR	TR	
	FELDSPAR		3	XX	XX	XX	X	X
	MUSCOV.		4	X	X	X	X	X
	BIOTITE		5	X	X	TR	TR	TR
	CHLORITE		6	X	X	TR	TR	X
	METAM.		7	1	TR			
	VOLC.		8	1				
	CARB.		9	XXXX	XXX	XXX	XXXX	XXXX
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1		G, V	G, V		
	INTRACL.	4						
	OOIDS						3	
	PELLETS							
	CTD. GRN.							
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	D/D+C	7	1					
	D. GRADE		2	ER-VF		CR-VF	ER-VF	
	SUPPORT	8	1					
	HR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	8	1	VF	VF	VF-F	VF	VF
	MAX. GRN.		2					
	SD. STG.		3		G	G	G	
	SD. RDG.		4		P	P-G	P	
	CD. CEMT		5		CB, G	CB	CB	
4/MACROSCOPIC	HOR. LAM.	1	1			X	X	X
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2		LGY-YL	GY-BL	GY-BL	YL-BR	YL-BR
	LITHOLOGY (GENERALIZED)	3		DLST/SLTY	SLTY	GRDS/SLTY	SLTY/SDSTN	SLTY/SDSTN

1/GENERAL	SECTION	1	1	10-2	10-2	10-2	10-2	10-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	70	70	73	870	1000
	TO		4					
	FIELD	2	1	74-73-6	74-73-6	74-73-6	74-73-6	74-73-6
	NUMBER			-1 6	-1 6	-34	-170	360
	GSC NUMBER	3		C036 0913	C036 0914	C013 6094	C036 0910	C036 0947
2/MINERALOGY	QUARTZ	1	1	68.8	14	34	3	43
	K-FSP.		2	6 1	5	12	1	2
	PLAGIOCL.		3	2		7	1	6
	MICA, IL.		4	1	2	1	1	3
	CHL., KA.		5		2	2		2
	CALCITE		6	1	2			
	DOLOMITE		7	4	75	37	94	39
	GYPSUM		8	18		1		4
	OTHER		9	AH 1		AH 1		4H 1
	OTHER		10					
	F/F+Q	2	1	1	27	32	50	16
	PL/PL+KF		2	22	0	36	51	71
	D/D+C		3	100	97	100	100	100
	ORG. C	3	1					0.16
	MIN. C		2	1				5.74
	CALCITE		3	1				10
	DOLOMITE		4	1				46
3/MICROSCOPIC	ANALYS.	1		VC TIS	EST	EST	EST	EST
	QUARTZ	2	1		XX	XXX	X	XXX
	CHERT		2			X		TR
	FELDSPAR		3		X	XX	X	X
	MUSCOV.		4		X	TR	X	X
	BIOTITE		5		TR	TR		X
	CHLORITE		6		X	X		X
	METAM.		7			TR		
	VOLC.		8					
	CARB.		9		XXXX	XXX	XXXX	XXX
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1	MIXED		10		
	INTRACL.	4		X				
	OOIDS							
	PELLETS							
	CTD. GRN.							
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	D/D+C	7	1					
	D. GRADE		2		CR	PICK-N	CR-VF	
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	10	1	VF	VF	VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3			VG		M
	SD. RDG.		4			P		P
	SD. CEMT.		5			CB, G		CB, G
4/MACROSCOPIC	HOR. LAM.	1	1		X	X		X
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4			STYLO	BRC	
	OTHER		5					
	OTHER		6					
	COLOUR	2		GRAY	BROWN	BLACK	GRAY	
	LITHOLOGY (GENERALIZED)	3		SLTSTONE GYPS VERMS	SLTSTONE STNY	CONGLOMERATE	SLTSTONE GYPS	DOLOMITE STNY GYPSUM

Group	Variable	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	10-2	10-2	10-2	10-2	10-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	1052	1070	1107	1156	1207
	TO		4					
	FIELD NUMBER	2	1	TM-73-C-362	TM-73-C-370	TM-73-C-407	TM-73-C-456	TM-73-C-507
	GSC NUMBER	3		C036099	C036097	C036100	C036101	C036102
2/X-RAY, CARBON	QUARTZ	1	1	3	52	5	16	50
	K-FSP.		2		2		1	3
	PLAGIOCL.		3		7	2	2	8
	MICA, IL.		4		5		1	4
	CHL., KA.		5		3		1	3
	CALCITE		6					
	DOLOMITE		7	TR	20	53	79	28
	GYPSUM		8	97	10	40		2
	OTHER		9		AH 1			AH 2
	OTHER		10					
	F/F+Q	2	1	0	16	31	16	18
	PL/PL+KF		2		75	100	56	71
	D/D+C		3	100	100	100	100	100
	ORG. C	3	1		0.06			
	MIN. C		2		4.21			
	CALCITE		3		0			
	DOLONITE		4		32			
3/MICROSCOPIC	ANALYS.	1		EST	MC TS	NS TS	EST	EST
	QUARTZ	2	1	X			XX	XXXX
	CHERT		2					
	FELDSPAR		3				X	XX
	MUSCOV.		4				X	X
	BIOTITE		5				TR	X
	CHLORITE		6				TR	X
	METAM.		7					
	VOLC.		8					
	CARB.		9				XXXX	XX
	GYPSUM		10	XXXX				TR
	OTHER		11					AH TR
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1					G, H?
	INTRACL.	4						
	OOIDS							
	PELLETS							
	CTD. GRN.							
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	D/D+C	7	1					
	D. GRADE		2				CR-VF	
	SUPPORT	6	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	8	1			VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3					
	SD. RDG.		4					
	SD. CEMT.		5					
4/MACROSCOPIC	HOR. LAM.	1	1	X	X	X	X	X
	X-LAM.		2				X	
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2		LGY	RD	LGY	LGN-YLW	RD
	LITHOLOGY (GENERALIZED)	3		GYPS	SD, STY	ALSIT, STN, SDY W GYPS VEIN	ALSIT, STN, SDY	SLT, SDN

Group	Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	10-2	10-2	10-2	10-2	10-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	1202	1210	1222	1302	1326
	TO		4					
	FIELD NUMBER	2	1	7M-73-K -509	7M-73-C -510	7M-73-C -522	7M-73-C -602	7M-73-C -625
	GSC NUMBER	3		C0361103	C0361104	C0361105	C0361106	C0361107
2/X-RAY, CARBON	QUARTZ	1	1	48	21	19	55	64
	K-FSP.		2	4	8	1	3	3
	PLAGIOCL.		3	9	5	2	5	7
	MICA, IL.		4	4	3	2	2	5
	CHL., KA.		5	3	2	2	1	2
	CALCITE		6				1	
	DOLOMITE		7	25	TR	74	29	15
	GYPSUM		8	5	61		3	3
	OTHER		9	2			18 / 1	1
	OTHER		10					
	F/F+Q	2	1	21	35	17	14	14
	PL/PL+KF		2	71	36	63	61	73
	D/D+C		3	100	100	100	96	100
	ORG. C	3	1	0.15	.	.	0.08	.
	MIN. C		2	3.48	.	.	3.92	.
	CALCITE		3	0			05	
	DOLOMITE		4	27			36	
3/MICROSC.	ANALYS.	1		EST	VIO TS	EST	EST	EST
	QUARTZ	2	1	XXXX		XX	XXXX	XXXX
	CHERT		2				TR	TR
	FELDSPAR		3	XX		X	X	XX
	MUSCOV.		4	X		X	X	X
	BIOTITE		5	X		X	X	X
	CHLORITE		6	X		X	TR	X
	METAM.		7					
	VOLC.		8					
	CARB.		9	XX		XXXX	XXX	XX
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1	G, M?			G.M	G, M?
	INTRACL.	4						
	OOIDS							
	PELLETS							
	CTD. GRN.							
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	D/D+C	7	1					
	D. GRADE		2			CR-VF		
	SUPPORT	6	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	8	1	VF	VF	VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3				G-VG	G
	SD. RDG.		4				P	P
	SD. CEMT		5				CB, Q	Q, CB
4/MACROSCOPIC	HOR. LAM.	1	1	X	X	X	X	X
	X-LAM.		2			X	X	
	BIOTURB.		3					
	OTHER		4			CHANNCL		
	OTHER		5					
	OTHER		6					
	COLOUR	2		LGY	LGY	LGY	LGY	RD, LGY
	LITHOLOGY (GENERALIZED)	3		SLT, SDY	SLTST, SLTY, SDY	SLTST, SLTY, SDY	[illegible] SLTY [illegible] SLT, SDY	SLT, SDY [illegible] SS, SLTY

Section	Field	Card	Item	Sample 1	Sample 2	Sample 3
1/GENERAL	SECTION	1	1	10-2	10-2	10-2
	ROCK UN.		2	VENDOM	VENDOM	BLUE FD
	FROM		3	1358	1411	1547.5
	TO		4			
	FIELD NUMBER	2	1	7M-73-C 658	7M-73-C -711	7M-73-C -847.5
	GSC NUMBER	3		C036108	C036109	C036110
2/X-RAY, CARBON	QUARTZ	1	1	23	4	59
	K-FSP.		2	4		5
	PLAGIOCL.		3	3		1
	MICA, IL.		4	2		4
	CHL., KA.		5	2		3
	CALCITE		6			3
	DOLOMITE		7	66	49	2[illegible]
	GYPSUM		8		47	
	OTHER		9			
	OTHER		10			
	F/F+Q	2	1	26	0	1
	PL/PL+KF		2	44		10
	D/D+C		3	100	100	88
	ORG. C	3	1			
	MIN. C		2			
	CALCITE		3			
	DOLOMITE		4			
3/MICROSCOPIC	ANALYS.	1		EST	EST	EST
	QUARTZ	2	1	X X Y	X	X X Y X
	CHERT		2			TR
	FELDSPAR		3	X		X
	MUSCOV.		4	X		X
	BIOTITE		5	X		X
	CHLORITE		6	X		Y
	METAM.		7			
	VOLC.		8			
	CARB.		9	X X X Y	X X X	X X X
	GYPSUM		10		X X Y	
	OTHER		11			
	OTHER		12			
	OTHER		13			
	OTHER		14			
	CB. TYPE	3	1			Gull
	INTRACL.	4				
	OOIDS					
	PELLETS			2		
	CTD. GRN.					
	FOSSIL	5	1	ESTIR 2		
	FOSSIL		2			
	FOSSIL		3			
	FOSSIL		4			
	FOSSIL		5			
	FOSSIL		6			
	FOSSIL		7			
	D/D+C	7	1			
	D. GRADE		2	CR-VF		
	SUPPORT	6	1			
	GR. GRADE		2			
	GR/GR+MA		3			
	MA. GRADE		4			
	PHENOCL.	9	1			
	PHENOCL.		2			
	PHENOCL.		3			
	PHENOCL.		4			
	CG MATR.		5			
	SD. GRADE	8	1	VF		VF
	MAX. GRN.		2			
	SD. STG.		3			G
	SD. RDG.		4			P
	SD. CEMT		5			CB
4/MACROSCOPIC	HOR. LAM.	1	1	X		X
	X-LAM.		2			
	BIOTURB.		3			
	OTHER		4			UNDUL
	OTHER		5			
	OTHER		6			
	COLOUR	2		LGY	LGY	LGY
	LITHOLOGY (GENERALIZED)	3		[illegible] GRY, SLTY	DOLST. GYPSF. W. GYP FG VEINS	SLT, SDY W. [illegible]TLAM SS, SHY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-1	11-1	11-1	11-1	11-1
ROCK UN.		2	E1DS B	E1DS B	E1DS B	E1DS B	E1DS B
FROM		3	1.5	3	5	13.8	17
TO		4					
FIELD	2	1	11M-73-H	1M-73-H	1M-73-H	1M-73-H	1M-73-H
NUMBER		2	-2-1.5	-2-3	-2-15	-2-13.18	-2-17
GSC NUMBER	3	1	C036200	C036201	C036202	C036203	C036204
QUARTZ	1	1	8	22	23	11	9
K-FSP.		2		1	6		
PLAGIOCL.		3	1	5	3	1	1
MICA, IL.		4	2	2	3		1
CHL., KA.		5		1	2	1	1
CALCITE		6	86	61	40	83	85
DOLOMITE		7	3	5	13	4	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	14	21	22	0	8
PL/PL+KF		2	100	83	34		100
D/D+C		3	3	8	21	5	3
ORG. C	3	1	.16	.	.24	.	.
MIN. C		2	8.87	.	5.53	.	.
CALCITE		3	70		33		
DOLOMITE		4	4		12		
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XXX	XXX	XX	XX
CHERT		2					
FELDSPAR		3	TR	Y	XX		
MUSCOV.		4	X	X	X	X	TR
BIOTITE		5	X	TR			
CHLORITE		6	X	TR	X	TR	TR
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	YXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	A	A	X		A
CTD. GRN.		4					
FOSSIL	5	1	BRACH X	BRACH X	BRACH X	ECH X	ECH X
FOSSIL		2	BRYO Y	BRYO X	BRYO X	BRACH X	BRACH X
FOSSIL		3	ECH Y	ECH Y	ECH X	BRYO X	BRYO X
FOSSIL		4		CSTR X	OSTR Y	PEL X	GASTR X
FOSSIL		5		TRIL ?	TRIL ?	GASTR X	TRIL X
FOSSIL		6				TRIL X	
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	MIC	MIC	MIC	MIC-VF	MIC-VF
SUPPORT	8	1	M	M	M	M	
GR. GRADE		2	SD, CG	SD, CG	SD, CG	SD, CG	
GR/GR+MA		3	M	4	H	H	
MA. GRADE		4	CR-MIC	CR-MIC	CR-MIC	CR-MIC	
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	4	1	VF			VF	
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	BN	BN	GN	LGY-GN	BN
		2					
LITHOLOGY (GENERALIZED)	3	1	LMST,	LMST,	LMST,	LMST,	LMST,
		2	SLTY, SDY	STY	STY	STY, SDY	STY
		3					
		4					
		5					
		6					

SECTION	1	1	1-1	1-1	1-1	1-1	1-1
ROCK UN.		2	ETBS B	ETBS B	ETBS B	ETBS B	ETBS B
FROM		3	46.7	23.8	245	253	25.7
TO		4					
FIELD	2	1	M-73-H	M-73-H	M-73-H	M-73-H	M-73-H
NUMBER		2	2-46.7	2-23.8	2-245	2-253	2-25.7
ROC NUMBER	3	1	C03620 5	C03620 6	C03620 7	C03620 8	C03620 9
QUARTZ	1	1	8	22	21	22	79
K-FSP.		2			2		5
PLAGIOCL.		3	1	3	2	1	5
MICA, IL.		4		2	1		5
CHL., KA.		5		2			5
CALCITE		6	91	62	56	71	22
DOLOMITE		7		8	11	3	11
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	12	15	21	5	16
PL/PL+KF		2	100	77	71	100	62
D/D+C		3	0	11	16	5	32
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XXX	XXX	XXX	XXXX
CHERT		2	TR	X			
FELDSPAR		3	TR	X	X	TR	X
MUSCOV.		4		X	Y	X	X
BIOTITE		5		TR	TR	TR	X
CHLORITE		6		TR	TR		X
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CAR. TYPE	4	1					M
INTRACL.		2					
OOIDS		3					
PELLETS		4					
STD. GRN							
FOSSIL	5	1	BRACH	ABRYO	ABRYO	AOSTR	X
FOSSIL		2	BRYO	XBRACH	XECH	XPARTH	?
FOSSIL		3	ECH	X	BRACH	X	
FOSSIL		4	TRIL	X			
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1		MIC	MIC	MIC	
D. GRADE		2					
SUPPORT	6	1	G	M	M	H	
GR. GRADE		2	C G, SD	C G, SD	C G	S D	
GR/GR+MA		3	H	H	H	H	
MA. GRADE		4	C R-MIC	C R	C R	C R	
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	8	1	VF			VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	SN-LGY	BN-LGY	GM	LBY	BN
LITHOLOGY (GENERALIZED)	3	1	LPS	LVS	LW	LW	SLZ
		2	SLZ SD Y	SLZ	SLZ	SLZ SD Y	
		3			LM		
		4			SLZ		
		5					
		6					

Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-1	11-1	11-1	11-2	11-1
ROCK UN.		2	E1DS 6	E1DS 6	E1F2 9	E1DS 6	E1DS 6
FROM		3	261	234	312	345	373.5
TO		4					
FIELD	2	1	114-73-	84-73-	86-73-	85-73-	84-73-
NUMBER		2	-2-261	-3-0	-3-3	-3-14	-3-39.5
DSC NUMBER	3	1	C036210	C036211	C036212	C036213	C036214
QUARTZ	1	1	13	36	22	3TR	27 3
K-FSP.		2	1	4			
PLAGIOCL.		3	2				2
MICA, IL.		4	2	1			
CHL., KA.		5	2	1			2
CALCITE		6	77	36	64	73	64
DOLOMITE		7	3	22	32	24	
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	17	12	46	3TR	8
PL/PL+KF		2	68	0	0	25	0 78
D/D+C		3	3	35	34		
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	VO TS	EST	EST
QUARTZ	2	1	XX	XXX		X	XXX
CHERT		2					?X
FELDSPAR		3	X	X			X
MUSCOV.		4	X	X			TR
BIOTITE		5	TR				X
CHLORITE		6	X	TR			
METAM.		7					
VOLC.		8				XXXX	XXXX
CARB.		9	XXXX	XXXX			
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2	X	X			
PELLETS		3					
CTD. GRV.		4					
FOSSIL	5	1	BRACH X	BRACH X		BRACH X	
FOSSIL		2		BRYO X		OSTR X	
FOSSIL		3		ECH X		ECH X	
FOSSIL		4		TRIL 2		TRIL X	
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					H F MIC-VF
D. GRADE		2		MIC			
SUPPORT	8	1	H			S	
GR. GRADE		2	C SILSP 1			S D	
GR/GR+MA		3	L			H	
MA. GRADE		4	CR-MIC	CR-MIC		CR	
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1		VF		VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1			X		
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	BN	LGY	BN	GY	LGY
		2					
LITHOLOGY (GENERALIZED)	3	1	LMST,	CMST,	LST	CGST,	DLST,
		2	SLY	SLTY, SDY		SLTY, SDY	SLTY, SDY
		3					
		4					
		5					
		6					

Margin (vertical, partly legible): [illegible]

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	IL-1	II-1			
ROCK UN.		2	LIDS - B	LIRS - B			
FROM		3	377	397			
TO		4					
FIELD	2	1	IM-73-	HIM-73-	HM-	IM-	IM-
NUMBER		2	-3-43	-3-57			
GSC NUMBER	3	1	C036215	C036216			
QUARTZ	1	1	32				
K-FSP.		2	2				
PLAGIOCL.		3	2				
MICA, IL.		4	4				
CHL., KA.		5	2				
CALCITE		6	2				
DOLOMITE		7	56				
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	12				
PL/PL+KF		2	47				
D/D+C		3	97				
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST			
QUARTZ	2	1	X X X	X X			
CHERT		2		X			
FELDSPAR		3	X	? X			
MUSCOV.		4	X	X			
BIOTITE		5	X	T R			
CHLORITE		6	X	T R			
METAM.		7					
VOLC.		8					
CARB.		9	X X X X	X X X X			
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1					
INTRACL.	4	1		SL7 X			
OOIDS		2					
PELLETS		3					
STD. GEN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D GRADE		2	CR-VF	CR-VF			
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATS.		5					
SD. GRADE	8	1		VF			
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1	X	X			
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	LGY			
		2					
LITHOLOGY (GENERALIZED)	3	1	DLST.	LLST.			
		2	SLTY	SLTY SDY			
		3					
		4					
		5					
		6					

Group	Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	11-2	11-2	11-2	11-2	11-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	11	40	50	95	75
	TO		4					
	FIELD	2	1	TN-73-B	TN-73-B	TN-73-B	TN-73-B	TN-73-B
	NUMBER		2	-3-1129	-4 20	-4-1098	-4-158	-4-89
	GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2/X-RAY, CARBON	QUARTZ	1	1	16	45	34	29	17
	K-FSP.		2	2	3	2	2	3
	PLAGIOCL.		3	1	2	3	4	2
	MICA, IL.		4	1	1	2	4	3
	CHL., KA.		5			1	1	2
	CALCITE		6			1	1	2
	DOLOMITE		7	80	49	57	59	71
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	17	10	14	19	24
	PL/PL+KF		2	35	42	59	67	38
	D/D+C		3	100	100	96	99	98
	ORG. C	3	1	.	.	0.14	0.24	0.06
	MIN. C		2	.	.	6.05	8.60	8.25
	CALCITE		3			TR	1	TR
	DOLOMITE		4			47	62	64
3/MICROSCOPIC	ANALYS.	1		EST	EST	EST	EST	EST
	QUARTZ	2	1	XX	XXXX	XXX	XXX	XX
	CHERT		2	X	TR	TR		
	FELDSPAR		3	X	X	X	X	X
	MUSCOV.		4	TR	X	X	X	X
	BIOTITE		5		TR	TR		TR
	CHLORITE		6			TR	TR	X
	METAM.		7			TR		
	VOLC.		8					
	CARB.		9	XXXX	XXX	XXX	XXXX	XXXX
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	[illegible]	3	1		M, S	F, S	M, S	
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD. GEN.		4					
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2	MIC-VF	CR-VF	CR-VF	CR-VF	CR-MIC
	SUPPORT	6	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1	2 L S 7, (A				
	PHENOCL.		2	STY,				
	PHENOCL.		3	SDY,				
	PHENOCL.		4	SLTY				
	CG. MATR.		5	SLT, SDY				
	SD. GRADE	8	1		VF	VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3		G	G		
	SD. RDG.		4		P	P		
	SD. CEMT.		5		CB	CB		
4/MACROSCOPIC	HOR. LAM.	1	1		X	X	X	X
	X-LAM.		2		X	?		X
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	LGY	Y...	YLW	GB	YLW
	LITHOLOGY (GENERALIZED)	3	1	MB, CG	SS, SDY	SS, STN	DLST,	DLST,
			2				STY, SDY	STY, LAM
			3					[illegible]
			4					[illegible] DY
			5					
			6					

SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VEMAGM	PSADOM	PSADOM	PSADOM	PSADOM
FROM		3	112	162	172	173	132
TO		4					
FIELD	2	1	1N-7 3-N	1N-7 3-N	1N-7 3-N	1N-7 3-N	1N-7 3-N
NUMBER		2	-4-1 0	-4-1 5 A	-4-1 10	-4-1 6	-4-1 5
ROC NUMBER	1	1	1	2	3	4	5
QUARTZ	1	1	24	5	6	37	23
K-FSP.		2	2	TR	1	5	6
PLAGIOCL.		3	7	1	2	1	
MICA, IL.		4	3			3	2
CHL., KÆ.		5	1		1	1	1
CALCITE		6	2	10	TR	1	2
DOLOMITE		7	61	84	88	52	66
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	28	16	30	15	20
PL/PL+KF		2	78	56	56	22	0
D/D+C		3	98	89	≈ 100	93	97
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XX	XX	XXX	XXX
CHERT		2				TR	TR
FELDSPAR		3	XX	X	X	X	X
MUSCOV.		4	X			X	X
BIOTITE		5	TR			X	X
CHLORITE		6	TR		TR	TR	TR
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3		2			
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-VF	CR-VF	CR-VF	CR-VF
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF-F
MAX. GRN.		2					
SD. STG.		3				VG	
SD. RDG.		4				P	
SD. CEMT		5				CB	
HOR. LAM.	11	1	X			X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	12	1	YLW	YLW	YLW	YLW	YLW
		2					
LITHOLO-	13	1	INC ST	INC ST	INC ST	INC ST	INC ST
GY		2	STY, SDY	STY, SDY	STY, SDY	STY, SDY	STY, SDY
(GENERA-		3				INTERM	INTERM
LIZED)		4				SPL. STDS	SPL. STDS
		5					
		6					

1/2	SECTION	1	1	1-3	1-3	1-3	1-3
	ROCK UN.		2	VE MIOM	VE ANSM	VE CGRO	VE ANSM
	FROM		3	1 3 4	2 1 2	3 0 2	3 3 0
	TO		4				
	FILLD	2	1	1 M-7 S-M	1 M-7 S-M	1 M-7 S-M	1 M-7 S-M
	NUMBER		2	1 2-1 7 2 1	1 7-1 2 0 1 0	1 6 1-1 9	1 5 1-1 2 8
	MIC. NUMBER	3	1	1 0 1 0 8 8 2	2 4 7 1 5 0 3 8	2 2 6 2 6 5	2 2 6 2 3 0
CARBON	QUARTZ	1	1	15	5	21	22
	K-FSP.		2	1	1		6
	PLAGIOCL.		3	1	1		3
	MICA, IL.		4	1			2
	CHL., KA.		5	1			2
	CALCITE		6	8	4	98	32
	DOLOMITE		7	73	89		33
	GYPSUM		8				
	OTHER		9				
	OTHER		10				
	F/F+Q	2	1	12	28	0	28
	PL/PL+KF		2	40	60		32
	D/DIC		3	96	95	0	31
	ORG. C	3	1				
	MIN. C		2				
	CALCITE		3				
	DOLOMITE		4				
	ANALYS.	1		EST	EST	EST	EST
	QUARTZ	2	1	XX	VX	X	VXX
	C-ERT		2				XX
	FELDSPAR		3	X	X		X
	MUSCOV.		4	X	TR		TR
	BIOTITE		5	TR			X
	CHLORITE		6	TR			
	METAM.		7				
	VOLC.		8				
	CARB.		9	XXXX	XXXX	XXXX	XXXX
	GYPSUM		10				
	OTHER		11				
	OTHER		12				
	OTHER		13				
	OTHER		14				
3/4	CR. TYPE	3	1				
	INTRACL.	4	1				
	OOIDS		2				
	PELLETS		3	?		X	X
	CTD. GRN.		4				
	FOSSIL	5	1		TRIL	X	BRH X
	FOSSIL		2		BRACH	X	TRIL X
	FOSSIL		3		ECH	X	BRACH X
	FOSSIL		4		CORCL	X	PEL X
	FOSSIL		5		OSTR	X	
	FOSSIL		6				
	FOSSIL		7				
	FOSSIL		8				
	D/D+C	7	1				
	D. GRADE		2	CR-VF	CR-VF		
	SUPPORT	8	1		M		
	GR. GRADE		2		S D		
	GR/GR+MA		3				
	MA. GRADE		4		AL-MIR	EDIC-F	CR-EFIC
	PHENOCL.	9	1				
	PHENOCL.		2				
	PHENOCL.		3				
	PHENOCL.		4				
	GL. MATR.		5				
	SD. GRADE	10	1	VF	VF	VF	VF
	MAX. GRN.		2				
	SD. STG.		3				
	SD. RDG.		4				
	SD. CEMT		5				
5/6	HOL. LAM.	1	1		X		X
	X-LAM.		2				
	BIOTURB.		3	?			
	OTHER		4				
	OTHER		5				
	OTHER		6				
	COLOUR	2	1	VE IM	VE IM	SM	C	AI
	LITHOLO-	3	1				
	GY		2				
	(GENERA-		3				
	LIZED)		4				
			5				
			6				

Group	Field	No.	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	11-2	11-2	11-2	11-2	11-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	345	351	354	357	365.5
	TO		4					
	FIELD	2	1	TIH-73-11	TIH-73-11	TI[illegible]-73-11	[illegible] 73-11	[illegible]H-73-6
	NUMBER		2	-15-143	-5-1491	-15-1521	-151-1515	-151-35.5
	G.S.C. NUMBER	3	1	C0363[illegible]	[illegible]2[illegible]3	C0[illegible]	C036[illegible]	C0[illegible]
2/X-RAY, CARBON	QUARTZ	1	1	41	6	52	15	52
	K-FSP.		2	5	4	3	1	2
	PLAGIOCL.		3	4	1	3	1	1
	MICA, IL.		4	1		9		3
	CHL., KA.		5	1		7	1	2
	CALCITE		6	42	78	1	78	42
	DOLOMITE		7	6	11	25	4	15
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+G	2	1	17	46	9	12	7
	PL/PL+KF		2	44	15	48	50	28
	D/D+C		3	12	12	97	5	26
	ORG. C	3	1	0.11				
	MIN. C		2	5.41				
	CALCITE		3	38				
	DOLOMITE		4	7				
3/MICROSCOPIC	ANALYS.	1		EST	EST	EST	EST	EST XXX
	QUARTZ	2	1	XXXX	XX	XXXX	XX	X
	CHERT		2			X		X
	FELDSPAR		3	XX	X	XX	TR	X
	MUSCOV.		4	X		X		TK
	BIOTITE		5	TR		X	TR	X
	CHLORITE		6	TR				
	METAM.		7					
	VOLC.		8	XXX	XXXX	XXX	XXXX	XXXX
	CARB.		9					
	GYPSUM		10					
	OTHER		11					
	OTHER		12	TL TR				
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1	G		M		
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD. GR.		4					
	FOSSIL	5	1	BRACH	X BRYO	X	BRACH	X BRACH X
	FOSSIL		2	ECH	X ECH	X	BRYO	X BRYO X
	FOSSIL		3		BRACH	X	TRIL	X ECH X
	FOSSIL		4		TRIL	X	OSTR	X TRIL X
	FOSSIL		5		PEL	X	ECH	X OSTR X
	FOSSIL		6		GASTR	X	GASTR	X
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1			CR-MIC		
	D. GRADE		2					
	SUPPORT	8	1		M. G		M. G	M. G
	GR. GRADE		2		SD, CG		SD, CG	SD, CG
	GR/GR+MA		3		4		M	4
	MA. GRADE		4		CR		CS	C2
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	6	1	VF	VF	VF	VF-F	VF
	MAX. GRN.		2					
	SD. STG.		3	VG				
	SD. RDG.		4	D				
	SD. CEMT.		5	CB				
4/MACROSCOPIC	HOR. LAM.	1	1					
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	LGY	[illegible]	GY	[illegible]	GY
	LITHOLOGY (GENERALIZED)	3	1	SS, [illegible]	LMST-	[illegible]	LMST[illegible]	LMST
			2		[illegible]	[illegible]	[illegible]	[illegible]
			3		[illegible]	[illegible], SDY	[illegible], SDY	[illegible], SDY
			4					
			5					
			6					

Group	Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	11-2	11-2	11-2	11-2	11-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	371.5	380	381	392	398
	TO		4					
	FIELD	2	1	11H-73-11	11H-73-11	11H-73-11	11H-73-11	11H-73-11
	NUMBER		2	5-69.15	5-78	5-77	6-9[illegible]	5-76
	GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2/X-RAY, CARBON	QUARTZ	1	1	37	51	62	22	38
	K-FSP.		2	2	5	5	5	4
	PLAGIOCL.		3	4	2	9	2	5
	MICA, IL.		4	1	4	3	1	6
	CHL., KA.		5	1	3	2	1	5
	CALCITE		6	41	17	3	57	5
	DOLOMITE		7	11	18	16	12	37
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	14	12	18	24	19
	PL/PL+KF		2	62	33	66	34	58
	D/D+C		3	21	51	84	17	88
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1	1	EST	EST	EST	EST	EST
	QUARTZ	2	1	XXX	XXXX	XXXX	XXX	
	CHERT		2	TR	TR	TR		
	FELDSPAR		3	X	X	XX	X	
	MUSCOV.		4	X	X	X	X	
	BIOTITE		5	TR	TR	X		
	CHLORITE		6	TR	X	X	TR	
	METAM.		7		TR	TR		
	VOLC.		8					
	CARB.		9	XXX	XXX	XX	XXXX	
	GYPSUM		10					
	OTHER		11		TL TR		ZC TR	
	OTHER		12					
	OTHER		13					
	OTHER		14					
	C. TYPE	3	1	M	M	G		M
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD. GRN.		4					
	FOSSIL	5	1	BRACH	ECH X		ECH X	
	FOSSIL		2				BRAC- X	
	FOSSIL		3				OSTR X	
	FOSSIL		4				BRYO X	
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					CR-MIC
	D. GRADE		2					
	SUPPOR.	8	1				M. G	
	GR. GRADE		2				SD, CG	
	GR/GR+MA		3				H	
	MA. GRADE		4				CR	
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	6	1	VF	VF	VF	VF	VF
	MAX. GRN.		2					
	SD. STG.		3	G	VG	G		
	SD. RDG.		4	P	P	P		
	SD. CEMT.		5	CB	CA	G, CB		
4/MACROSC.	HOR. LAM.	1	1		X	Z		
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	BM	GMY-GM		LGY-LV- GN	
	LITHOLOGY (GENERALIZED)	3	1	SSL, SLTY	SS, LSLTY	SS, LSLTY	LMSLT-	CLSLT
			2		[illegible] M	[illegible] M	LPSLT,	SLTY, SDY
			3		SL	[illegible]	SLTY, SDY	
			4					
			5					
			6					

SECTION	1	1	1-2	1-2	1-2	1-2	1-2
ROCK UN.		2	VLNMCM	VLNMOM	VFAACM	VEBDOM	VFBDOM
FROM		3	397	401	407	427	440
TO		4					
FIELD	2	1	1M-7S-11	1M-7S-11	1M-7S-11	1M-7S-11	1M-7S-11
NUMBER		2	-5-M7	-5-7	-5-7	-5-7	-5-7
U.S.C. NUMBER	3	1	0 0 2 6 12	4 0 1 0 0 3	0 0 3 0 2 4	0 0 3 6 2 4	0 0 3 6 2 4
QUARTZ	1	1	15	45	17	15	32
K-FSP.		2	2	3	3	3	7
PLAGIOCL.		3	4	2	2	1	2 2
MICA, IL-		4	1	3			1
CHL., KA-		5	2	2			1
CALCITE		6	55		75	65	6
DOLOMITE		7	21	57	3	13	2 7
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	27	14	21	20	50
PL/PL+KF		2	62	43	45	28	72
D/D+C		3	28	10	4	17	83
ORG. C	3	1					0.1 4
MIN. C		2					5.3 7
CALCITE		3					6
DOLOMITE		4					36
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	YXX	XX	XX	XXX
CHERT		2			Y		TR
FELDSPAR		3	Y	X	X	X	XX
MUSCOV.		4	TR	X		X	X
BIOTITE		5	TR	TR			TR
CHLORITE		6	TR	X			TR
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	3	1					MIG
INTRACL.	4						
OOIDS		2				X	
PELLETS		3				X	
CTD. GRN.		4					
FOSSIL	5	1	BRYC	X	BRACH	ABRECH	X
FOSSIL		2	BRACH	X	ECH	XBRYO	X
FOSSIL		3	ECH	X	TRIL	XECH	X
FOSSIL		4	TRIL	X		TRIL	X
FOSSIL		5				MOLL	X
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					CR-VF
D. GRADE		2	MIC	CR-VF			
SUPPORT	8	1	DIM		MIG	MIG	
GR. GRADE		2	SDL		SDL	SDL	
GR/GR+MA		3	H		H	H	
MA. GRADE		4	CR		CR	CR	
PHENOCL.	9	1	MF				1
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	1	1	VF	VF	VF	VF	VF
MAX. GRN.		2					G
SD. STG.		3					P
SD. RDG.		4					
SD. CENT		5					CB
HOR. LAM.	1	1			X		
X-LAM.		2			X		
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	MV	GY	BV	GV	LGY
LITHOLO-	3	1	MST	LMST	BMST	LMST	LV
GY		2	MST	SDY SMST	BMST	LMST	
(GENERA-		3	SL SDL		CHYL SDOL	LTL LMST	
LIZED)		4					
		5					
		6					

Group	Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	11-2	11-2	11-2	11-2	11-2
	ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
	FROM		3	466	467	488	497	509
	TO		4					
	FIELD	2	1	11N-72-H	11N-73-H	11N-73-H	11N-72-H	11N-72-H
	NUMBER		2	-15-1604	-15-1765	-15-1876	-15-1915	-5-200
	GSC NUMBER	3	1	C036245	C036246	C036247	C036248	C036249
2/X-RAY, CARBON	QUARTZ	1	1	25	17	44	9	12
	K-FSP.		2	2	2	1		3
	PLAGIOCL.		3	2	TR	3	1	1
	MICA, IL.		4	1		4		
	CHL., KA.		5	1		2		
	CALCITE		6					
	DOLOMITE		7	69	81	46	90	83
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	14	11	9	10	23
	PL/PL+KF		2	51	24	65	100	31
	D/D+C		3	100	100	100	100	100
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1		EST	EST	EST	EST	EST
	QUARTZ	2	1	XXX	XX	XXX	XX	XX
	CHERT		2		TR		TR	TR
	FELDSPAR		3	X	X	X	TR	X
	MUSCOV.		4	X	TR	X	TR	TR
	BIOTITE		5			X	TR	TR
	CHLORITE		6	TR		X	TR	TR
	METAM.		7					
	VOLC.		8					
	CARB.		9	XXXX	XXXX	XXX	XXXX	XXXX
	GYPSUM		10					
	OTHER		11					
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CE. TYPE	3	1			M		
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD. GRN.		4					
	FOSSIL	5	1	BRACH. X	BRACH. X			
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2	CR-VF	MIC-VF	CR-VF	CR-VF	CR-VF
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	10	1	VF	VF-F	VF	VF	VF-F
	MAX. GRN.		2					
	SD. STG.		3					
	SD. RDG.		4					
	SD. CEMT.		5					
4/MACROSCOPIC	HOR. LAM.	1	1		X			
	X-LAN.		2					
	BIOTURB.		3			?	X	
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	LGY	LGY-YLW	LGY-YLW	LGY	LGY
			2					
	LITHOLOGY (GENERALIZED)	3	1	DLST,	DLST,	SLT, SDY	DLST,	DLST,
			2	SLTY, SDY	SDY, SLTY		SLTY, SDY	SLTY, SDY
			3					
			4					
			5					
			6					

SELECTION	1	1	11-2	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VEMDOM	VEMDOM	VEMDOM	VEMDOM	VEMDOM	VEMDOM
FROM		3	527	545	535	583	598	
TO		4						
FILLD	2	1	1M-72-M	1M-72-M	1M-72-M	1M-72-M	1M-72-M	1M-72-M
NUMBER		2	-15-212	-15-12	-15-213	-15-212	-15-281	-15-276
MISC. NUMBER	3	1	10 6 2 2	10 6 2 2	10 6 2 5	10 6 2 5	10 6 2 5	10 6 2 5
QUARTZ	1	1	20	11	15	8	10	
K-FSP.		2	1	2	1	5	1	
PLAGIOCL.		3	5	4	3	1	2	
MICA, IL.		4	2		1	3	1	
CHL., KA.		5	1		1		1	
CALCITE		6				3		
DOLOMITE		7	71	63	79	83	85	
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	23	35	22	39	19	
PL/PL+KF		2	77	74	80	100	78	
D/D+C		3	100	100	100	97	99	
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		EST	EST	EST	EST	EST	
QUARTZ	2	1	XXX	X	XX	XX	XX	
CHERT		2	TR	X	TR	TR	TR	
FELDSPAR		3	X	X	X	X	X	
MUSCOV.		4	X	TR	X	X	X	
BIOTITE		5	TR			TR		
CHLORITE		6	TR		TR			
METAM.		7						
VOLC.		8						
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX	
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CB. TYPE	12	1						
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1	BRACH ?		BRACH ?	BRACH 2	BRACH 2	
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2	CR-VF	MIC-VF	CR-F	MIC-F		
SUPPORT	6	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG MATR.		5						
SD. GRADE	8	1	VF	VF	VF	VF	VF	
MAX. GRN.		2						
SD. STG.		3						
SD. RDG.		4						
SD. CEMT.		5						
HOR. LAM.	1	1						
X-LAM.		2						
BIOTURB.		3						
OTHER		4		BRC			SOLZN	
OTHER		5						
OTHER		6						
COLOUR	7	1	LGY	LGY	LGY	BN		
LITHOLOGY (GENERALIZED)	3	1	DOLSTZ SLTY SDY	DOLSTZ SLTY SDY	DOLSTZ SLTY SDY	DOLSTZ SLTY SDY	DOLSTZ SLTY SDY	

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	648	655	687	670	735
TO		4					
FIELD	2	1	11-73-H	11-73-H	11-73-H	11-73-H	11-73-H
NUMBER		2	4-44	6-57	6-83	6-86	6-131
GSC NUMBER		1	C036255	C036256	C036257	C036258	C036259
QUARTZ	1	1	13	10	18	7	17
K-FSP.		2	1	3	2	2	2
PLAGIOCL.		3	2	1	1	1	1
MICA, IL.		4	2	2	3	1	3
CHL., KA.		5				1	2
CALCITE		6		17	2	1	3
DOLOMITE		7	82	67	74	87	72
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	18	32	15	30	15
PL/PL+KF		2	56	27	41	36	41
D/D+C		3	100	80	100	99	97
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XX	XXX	XX	XX
CHERT		2					
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X	X	X	TR	X
BIOTITE		5		TR	X	TR	TR
CHLORITE		6				TR	X
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1					
INTRACL.	4	1		2			
OOIDS		2					
PELLETS		3		2			
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-FMIC	CR-MIC	CR-FMIC	CR-MIC	CR-MIC
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1	X		X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4		BRC	UNDUL	BRC	
OTHER		5				BDSETE	
OTHER		6					
COLOUR		1	YLW	YLW	YLW	YLW	YLW
LITHOLOGY (GENERALIZED)		1	DLST,	DLST,	DLST,	DLST,	DLST,
		2	STY, SDY	SLTY, SDY	STY, W/	STY, SDY	STY, SDY
		3			ILAM		
		4			SLT, SDY		
		5					
		6					

SLCTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VCNDOM	VCNDOM	VENDOM	VENDOM	VCNDOM
FROM		3	749	760	752	559	813
TO		4					
FIELD	2	1	H-7 3-H	H-7 3-H	H-7 3-H	H-7 3-H	H-7 3-H
NUMBER		2	-6-1 4 5	-6-1 4 5	-6-1 4 3	-6-1 5 1	-6-2 0 9
MSC NUMBER	1	1	C03620	C03626	C03628	C03623	C03626 4
QUARTZ	1	1	3 3	1 1	1 7	1 2	3 0
X-FSP.		2	3	2	2	1	2
PLAGIOCL.		3	2	1	2	2	2
MICA, IL.		4	3	2	3	1	4
CHL., KA.		5	2	1	2		2
CALCITE		6	1	4		1	
DOLOMITE		7	5 6	7 6	7 4	8 3	6 0
GYPSUM		8					
OTHER		9					
OTHER		10					
I/F+Q	2	1	1 1	1 8	1 7	2 0	1 0
PL/PL+KF		2	3 8	4 2	4 7	5 4	5 4
D/D+C		3	9 8	9 5	1 0 0	4 9	1 0 0
ORG. C	3	1					0. 0 8
MIN. C		2					7. 1 6
CALCITE		3					5 0
DOLOMITE		4					5 5
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X X X	X X	X X	X X	X X X
CHERT		2					X
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	T R	X	T R	X
CHLORITE		6	X	T R	X		X
METAM.		7					
VOLC.		8					
CARB.		9	X X X X	X X X X	X X X X	X X X X	X X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR-TYPE	3	1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-HTC	CR-HTC	CR-HTC	CR-HTC	CR-FHTC
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
G. MATR.		5					
SD. GRADE	10	1	VF	VF	VF		VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT.		5					
BOR. LAM	1	1		X	X		X
X-LAM.		2		X	X		
BIOTURB.		3			X		
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	LGY-Y	-WLGY	LGY	WLGY
LITHOLO-	3	1	DLST	DLST	DLST	DLST	DLST
GY		2	STY SDY	STY SDY	STY SDY	STY	STY SDY
(GENERA		3	WZTLAM				
LIZED)		4	SLT SDY				
		5					
		6					

SECTION	1	1	LL-2	LL-2	LL-2	LL-2	LL-2
ROCK UN.		2	VEVDOM	VEVDOM	VENDOM	VEWDOM	VEVDOM
FROM		3	813-5	819		324	836
TO		4					
FIELD	2	1	11-7 3-11	11-7 3-11	11-7 3-11	11-7 3-11	11-7 3-11
NUMBER		2	16-2 0 9-3	16-2 0	16-2 15	16-2 0 1	16-2 3 2
CORE NUMBER	3	1	10 3 6 2 6 5	10 3 6 2 6 6	10 3 6 2 6 7	10 3 6 2 6 3	10 3 6 2 6 9
QUARTZ	1	1	4 1	6 8	4 6	5 1	3 3
K-FSP.		2	2	2	4	6	5
PLAGIOCL.		3	2	3	3	4	5
MICA, IL.		4	3	2	2	2	2
CHL., KA.		5	2	2	3	3	2
CALCITE		6	2	1			
DOLOMITE		7	4 8	2 2	4 0	3 4	5 3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	9	7	1 3	1 7	2 3
PL/PL+KF		2	5 3	6 0	4 2	4 2	5 4
D/D+C		3	9 6	9 4	1 0 0	1 0 0	9 7
ORG. C	3	1	0.0 8				
MIN. C		2	3.0 4				
CALCITE		3	1				
DOLOMITE		4	2 3				
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X X X	X X X X	X X X X	X X X X	X X X
CHERT		2		T R	T R	X X	X X
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X	X	X	X	T R
BIOTITE		5	X	X	X	X	
CHLORITE		6	X	X	X		
METAM.		7					
VOLC		8					
CARB.		9	X X X	X X X	X X X	X X X	X X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
TYPE	5	1		G, H	G, H	G, H	
INTRACL	4	1	DLST X	DOLST X			
OOIDS		2					
PELLETS		3					
ETD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					CR-FMTC
D. GRADE		2	CR-MTC	CR-MTC			
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5	STUDY				
SD. GRADE	8	1	VF	VF	VF	VF	
MAX. GRN.		2	VC				
SD. STG.		3		VG	G		
SD. RDG.		4		P	P		
CD. CEMT		5		CB, G	CB		
HOR. LAM.	1	1			X	X	X
X-LAM.		2			X		
BIOTURB.		3					BRC
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	GN, YLW	GN, YLW	GN		YLW
		2					
LITHOLOGY (GENERA LIPLD)	3	1	FLTPBCG	SS, SLTY, JTL, AM	SS, SLTY	SLTY, SDY	DLST, SLTY, SDY
		2		DLST, SLTY, SDY			
		3					
		4					
		5					
		6					

SECTION	1	1	11-2	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	860	874	876	890	902	
TO		4						
FIELD	2	1	1M-73-H	1M-73-H	1M-73-H	1M-73-H	1M-73-H	1M-73-H
NUMBER		2	-6-2567	-6-2707	-6-2712	-6-2907	-6-2928	
MSC. NUMBER	3	1	C03627 0	C03627 1	C03627 2	03 2	2 7 3	C03627 4
QUARTZ	1	1	57	64	76X	64	64	56
K-FSP.		2	4	3	5		6	7
PLAGIOCL.		3	4	1	2		6	6
MICA, IL.		4	5	1	1		2	2
CHL., KA.		5	4	1	2		2	2
CALCITE		6	2	2	8			
DOLOMITE		7	24	25	6	20		27
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	12	10		15		19
PL/PL+KF		2	55	50	32	50		46
D/D+C		3	93	93	45	100		100
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		EST	EST	EST	EST	EST	
QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
CHERT		2		T R	X	T R	X	T R
FELDSPAR		3	X X	X	X	X	X	X X
MUSCOV.		4	X	X	X	X	X	X
BIOTITE		5	X	X	TR	X	X	T R
CHLORITE		6	X	T R	X	X	X	X
METAM.		7		T R	TR			
VOLC.		8						
CARB.		9	XXX	XXX	XX	XXX		XXX
GYPSUM		10						
OTHER		11		TL	TR			
OTHER		12						
OTHER		13						
OTHER		14						
CR. TYPE	3	1	G, M	G, M	G, M	G, M	G, M	
INTRACL.	4	1						
OOIDS		2						
PELLETS		3						
CTD. GSN		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2						
SUPPORT	6	1						
SR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	7	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
CG. MATR.		5						
SD. GRADE	8	1		VF-E	VF-E	VE	VE	
MAX. GRN.		2						
SD. STG.		3		GP	GP	GP	VP G	
SD. RDG.		4						
SD. CENT		5		C B, G	G, C B	G, C B	G, C B	
HOR. LAM.	1	1		X	X	X	X	X
X-LAN.		2			X	X	X	
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2	1	BM-	LGY-	GM-	BM-	LGY-YL-W	
		2						
LITHOLO-	3	1	SLT	SS, STY	SS, STY	SS, STY	SS, STY	
GY		2						
(GENERA-		3						
LIZED)		4						
		5						
		6						

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	914	951	961	963.05	966
TO		4					
FIELD NUMBER	2	1	11H-73-H	11H-73-H	11H-73-H	11H-73-H	11H-73-H
		2	-6-310	-6-350	-6-357	-7-0.5	-7-3
GSC NUMBER	3	1	C036275	C036276	C036277	C036278	C036279
QUARTZ	1	1	47	60	59	34	8
K-FSP.		2	4	5	4	2	1
PLAGIOCL.		3	3	8	10	9	1
MICA, IL.		4	2	2	3	3	1
CHL., KA.		5	2	2	3		1
CALCITE		6	1	1	1	2	1
DOLOMITE		7	41	22	20	50	87
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	13	17	19	24	23
PL/PL+KF		2	41	17	75	84	60
D/D+C		3	97	95	93	97	99
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXXX	XXXX	XXXX	XXX	XX
CHERT		2		TR	TR	TR	
FELDSPAR		3	X	XX	XX	XX	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	X	X	X	TR
CHLORITE		6	TR	X	X		TR
METAM.		7	TR			TR	
VOLC.		8					
CARB.		9	XXX	XXX	XX	XXX	XXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1	G, M	G, M	G, M	N, G DLST	X D, LST
INTRACL.	4	1					
OOIDS		2					2
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					CR-MIC
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3	G - VG	G		G	
SD. RDG.		4	P	P		P	
SD. CEMT.		5	CB, Q	CB, Q		CB	
HOR. LAM.	1	1	X		?	X	
X-LAM.		2	X			X	
BIOTURB.		3				RRC	BDSEYE
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	BN	LGY-GN	LGY-GN	LGY	GY
LITHOLOGY (GENERALIZED)	1	1	SS, SLTY	SS, STY-	SLT, SDY	SS, STY	DLST
		2		SLT, SDY			STY, SDY

SELECTION	1	1	LEND	LEND	VEND	VEND	VEND
ROCK UN.		2	DOM	DOM	DOM	DOM	DOM
FROM		3	993	1017	1021	1023. 5	1031
TO		4					
FIELD	7	1	1-17	73-30	73-54	73-71	73-63
NUMBER		2				73-60. 5	
GEOL NUMBER	3	1	C03 28	C03 28	C03 28	C03 28	C03 28
QUARTZ	1	1	59	16	44	11	16
K-FSP.		2	5	1	4	3	2
PLAGIOCL.		3	5	1	4	4	1
MICA, IL.		4	5	2	2	1	2
CHL., RA.		5	2	2			1
CALCITE		6	1	11		1	3
DOLOMITE		7	23	67	46	50	75
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1	14	13	16	15	17
FL/PL+KF		2	52	52	52	58	41
D/D+C		3	96	86	100	98	96
ORG. C	3	1				0.28	
MIN. C		2				0.03	
CALCITE		3				TR	
DOLOMITE		4				46	
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXXX	XX	XXX	XXX	XX
CHERT		2				TR	
FELDSPAR		3	XX	X	XX	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	TR	X	TR	TR
CHLORITE		6	X	X			TR
METAM.		7			TR		
VOLC.		8					
CARB.		9	XXX	XXXX	XXX	XXX	XXXX
GYPSUM		10					
OTHER		11		TL	TR		
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1	M.G.	M.G.	M.G.		
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
ETD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/DIC	7	1		CRI-FMIC			CR-VF
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
G. MATR.		5					
SD. GRADE	4	1	VF	VF	VF		VF
MAX. GRN.		2					
SD. STG.		3		GP	GP		
SD. RDG.		4					
SD. CENT		5		CB	CB		
HOR. LAM	1	1	X			X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4		BDSEYS		SRC	
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	LGY	DM	BN	LGY
		2					
LITHOLO-	1	1	SLT, SDY	DL ST, ST Y, SDY	SS, LD ST Y	SS, LS ST Y	DL ST, ST Y, SDY
GY		2					
(GENERA-		3					
LIZED)		4					
		5					
		6					

SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VEMDOM	VCMDOM	VEMDOM	VEMDOM	VEMDOM
FROM		3	1053	1058	1062	1092	1107
TO		4					
FILLD	2	1	11-73-4	11-73-4	11-73-4	11-73-4	11-73-4
NUMBER		2	7-910	7-99	7-97	7-12	7-14
THIN NUMBER	3	1	C0362 8 5	C0302 8 6	C0262 8 7	C0362 8 X	C0362 8 2
QUARTZ	1	1	2 8	3 4	7	3 1	1 2
K-FSP.		2	3	3	1	3	1
PLAGIOCL.		3	2	3	1	5	1
MICA, IL.		4	4	2	2	3	2
CHL., KA.		5	3	1		1	1
CALCITE		6			2		1 2
DOLOMITE		7	6 0	5 7	8 7	5 7	7 1
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	7 5	1 5	2 3	2 1	1 2
PL/PL+KF		2	4 7	5 2	9 1	6 1	4 0
D/D+C		3	1 0 0	1 0 0	9 7	1 0 0	8 6
ORG. C	3	1					
N.N. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.			NO TIS	EST	EST	EST	FST
QUARTZ	2	1		X X X	X X X	X X X	X X
CHERT		2			T R		
FELDSPAR		3		X	X	X X	X
MUSCOV.		4		X	X	X	X
BIOTITE		5		T R	T R	T R	T R
CHLORITE		6		T R		T R	T R
METAM.		7					
VOLC.		8					
CARB.		9		X X X X	X X X X	X X X X	X X X X
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CA. [illegible]	8	1					
INTRACL.	9	1					
OOIDS		2					
PELLETS		3					
CTD. GRN		4					
FOSSIL	5	1					ALGMT
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1		CR-VF	CR-VF	CR-VF	CR-FMIC
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	10	1		VF-F	VF	VC	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT		5					
HOR. LAM.	1	1	X		X	X X	X
X-LAM		2			X		
BIOTURB.		3			X		
OTHER		4					VVDVL
OTHER		5					BDSEYC
OTHER		6					
COLOUR	2	1	YLW-DM	BK	BK	BV	LGY
		2					
LITHOLO-	3	1	DLSTY	DLSTY	DLSTY	DLSTY	DLSTY
GY		2	STY	STY SDY	STY SDY	STY SDY	STY SDY
(GENERA-		3					
LIZED)		4					
		5					
		6					

Field	Code	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	1121	1130	1158	1161	1163
TO		4					
FIELD	2	1	11-73-H	11-73-H	11-73-H	11-73-H	11-73-H
NUMBER		2	-7-168	-7-167	-7-195	-7-198	-7-200
GSC NUMBER	3	1	C036290	C036291	C036292	C036293	C036294
QUARTZ	1	1	5	20	16	12	11
K-FSP.		2	1	3	1	1	2
PLAGIOCL.		3		1	2	1	
MICA, IL.		4	1	2	3		2
CHL., KA.		5			1		1
CALCITE		6	14		1	10	82
DOLOMITE		7	79	74	76	76	2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	32	17	16	9	13
PL/PL+KF		2	0	31	62	54	0
D/D+C		3	85	100	93	89	2
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1	1	EST	EST	EST	EST	EST
QUARTZ	2	1	X	XXX	XX	XX	XX
CHERT		2		TR			TR
FELDSPAR		3	TR	X	X	X	X
MUSCOV.		4	X	X	X	TR	X
BIOTITE		5	TR	TR	X		TR
CHLORITE		6			TR		TR
METAM		7					
VOLC		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CA. TYPE	3						
INTRACL.	4	1					
OOIDS		2	2			2	
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-MIC	CR-VF	CR-MIC	CR-VF	
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					CR
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CENT.		5					
HOR. LAM	1	1	X		X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4				BRC	UNDUL
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY-YLW	YLW-BM	LGY	LGY-YLW	LGY-YLW
LITHOLOGY (GENERALIZED)	1	1–2	DLST, STY, SDY	DLST, STY, SDY	DLST, STY, SDY	DLST, STY, SDY	LMST, STY, SDY W/ ITLAM SLT, SDY

SECTION	1	1	11-2	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VCNDOM	VENDOM	VENDOM	VENDOM
FROM		3	1108	1172	1184	1194	1194	1195
TO		4						
FILLD	2	1	1M-73-H	1M-73-H	1M-73-H	M-73-H	M-73-H	M-73-H
NUMBER		2	-17-205	-17-209	-17-221	-17-231	-17-231	-17-235
MAC NUMBER	1	1	C103C29	5C0136	2496	C1036	2917	C1036	2928	C1036	2329
QUARTZ	1	1	18	39	21	53	53	21
K-FSP.		2	2	2	1	1	5	2
PLAGIOCL.		3	1	1			2	1
MICA, IL.		4	2	2	2		1	1
CHL., KA.		5		2			1	2
CALCITE		6	5	4	3		1	
DOLOMITE		7	72	50	73	37		70
GYPSUM		8						
OTHER		9						
OTHER		10						
F/F+Q	2	1	13	7	3	11		13
PL/PL+KF		2	42	40	0	27		42
D/D+C		3	94	92	97	97		100
ORG. C	3	1						
MIN. C		2						
CALCITE		3						
DOLOMITE		4						
ANALYS.	1		EST	EST	EST	EST		EST
QUARTZ	2	1	XXX	XXX	XXX	XXXX		XXX
CHERT		2	TR					
FELDSPAR		3	X	X	TR	X	X	X
MUSCOV.		4	X	X	X	X	X	X
BIOTITE		5	X	X	X	X	TR	X
CHLORITE		6		X			TR	X
METAM.		7						
VOLC.		8						
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXX	XXXX
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CH. TYPE	3	1				G, H DLST	X	
INTRACL	4	1						
OOIDS		2						
PELLETS		3						
ACTD. GRN.		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1						
D. GRADE		2	CR-FHTCCR		MTC			CR-VF
SUPPORT	8	1						
GR. GRADE		2						
GR/GR+NA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
SG MATR.		5						
SD. GRADE	1	1	VF	VF	VF	VF		VF
MAX. GRN.		2						
SD. STG.		3				G P		
SD. RDG.		4						
SD. CENT		5				C, R, G		
HOR. LAM.	1	1	X	X	X	X	X	X
X-LAM.		2						
BIOTURB.		3			UNDUL			UNDUL
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	1	1	YLW	YLW	LGY-YLW	LGY-YLW	LGY-YLW	LGY-YLW
LITHOLOGY (GENERALIZED)	1	1	DLST	DLST	DLST	SS, LST	DLST	DLST
		2	STY, SDY	TLAM	STY, SDY			STY, SDY
		3	XJ, TLAM	DLST	XJ, TLAM			XJ, TLAM
		4	SS, STY	STY, SDY	SS, STY			SLT, SDY
		5		SLT	SLT			
		6		DY	DY			

Field	Card	Line	1	2	3	4	5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	1197	1220	1235	1260	1262
TO		4					
FIELD	2	1	11-73-H	11-73-H	11-73-H	11-73-H	11-73-H
NUMBER		2	-7-234	-7-257	-7-272	-8-213	-8-215
GSC NUMBER	3	1	C036300	C036301	C036302	C036303	C036304
QUARTZ	1	1	21	25	6	31	3
K-FSP.		2	2	1	1	1	1
PLAGIOCL.		3	1	2	1	1	1
MICA, IL.		4	2	3		3	
CHL., KA.		5	1	2		1	
CALCITE		6	1	2	1	1	9
DOLOMITE		7	72	65	[illegible]1	59	86
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	12	11	24	6	39
PL/PL+KF		2	47	53	62	48	41
D/D+C		3	99	97	99	98	90
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XXX	XX	XXX	X
CHERT		2				TR	
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X	X		X	
BIOTITE		5	TR	X		X	
CHLORITE		6	TR	X		TR	
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
R. TYPE		1	DLST		DLST		PLST
INTRACL		1	X		X		X
OOIDS		2					?
PELLETS		3			?		?
CTD. GRN.		4			?		
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-VF	CR-VF	CR-MIC	CR-VF
SUPPORT		1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.		1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT		5					
HOR. LAM.		1		X		X	
X-LAM.		2					
BIOTURB.		3					
OTHER		4			BDSE[illegible]E		
OTHER		5					
OTHER		6					
COLOUR		1	LGY	LGY	BN	LGY	LGY-YLW
LITHOLOGY (GENERALIZED)		1	DLST,	DLST,	DLST,	DLST,	DLST,
		2	STY, SDY	STY, SDY	STY, SDY	STY, SDY	STY, SDY
		3		V ITLAM		H ITLAM	
		4		SLT, SDY		SLT, SDY	
		5					
		6					

Field	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VEUDOM
FROM		3	1296	1297	1308	1309	1311.5
TO		4					
FIELD	2	1	11H-73-H	1H-73-H	1H-73-H	H-73-H	H-73-H
NUMBER		2	-8-59	-8-60	-8-71	-8-72	-5-74.5
OBS. NUMBER	3	1	C036305	C03630[illegible]	C036307	C036308	C03630[illegible]
QUARTZ	1	1	10	6	64	17	53
K-FSP.		2		TR	4	1	5
PLAGIOCL.		3		1	1	2	6
MICA, IL.		4	1		1	2	3
CHL., KA.		5	1		1	1	1
CALCITE		6	7	15	1	3	2
DOLOMITE		7	81	78	28	74	30
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	20	8	16	18
PL/PL+KF		2		69	23	54	56
D/D+C		3	92	84	96	96	94
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.			EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XX	XXXX	XX	XXXX
CHERT		2			TR	TR	TR
FELDSPAR		3		TR	X	X	XX
MUSCOV.		4	X	TR	X	X	X
BIOTITE		5	TR		TR	X	X
CHLORITE		6	TR		TR	TR	TR
METAM.		7					TR
VOLC.		8					
CARB.		9	XXXX	XXXX	XXX	XXXX	XXX
GYPSUM		10					TR
OTHER		11			TL TR		ZC
OTHER		12			ZC TR		
OTHER		13					
OTHER		14					
OR. TYPE		1					M, G
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-MIC	CR-F	CR-VF	
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1			DLST+ } X		
PHENOCL.		2			STY+		
PHENOCL.		3			SDY		
PHENOCL.		4					
CG MATR.		5			SS		
SD. GRADE		1	VF	VF	VF-F	VF	VF-F
MAX. GRN.		2					M-G
SD. STG.		3			G		P-M
SD. RDG.		4			P-M		
SD. CEMT.		5			CB		CB
HOR. LAM.	1	1	X			X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	LGY-YLW	LGY-YLW	LGY-YLW	LSY-YLW	AN
LITHOLOGY (GENERALIZED)		1	DLST,	DLST,	FLT PBL W	DLST,	SS, STY
		2	STY, SDY	STY, SDY		STY, SDY	

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VEYDOM
FROM		3	1312	1317	1323	1327	1333
TO		4					
FIELD NUMBER		1–2	11-73-H-8-78	11-73-H-8-80	11-73-H-8-86	11-72-H-8-90	11-73-H-8-96
GSC NUMBER		1	C036310	C036311	C036312	C036313	C036314
QUARTZ	1	1	39	58	20	31	71
K-FSP.		2	3	8	2	3	1
PLAGIOCL.		3	3	4	3	2	
MICA, IL.		4	2	2	2	2	
CHL., KA.		5	2		1	1	
CALCITE		6		2	1	1	1
DOLOMITE		7	51	26	71	60	17
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	13	18	21	13	14
PL/PL+KF		2	43	35	36	48	0
D/D+C		3	100	93	96	9.	93
ORG. C	3	1	.	.	.	.	0.09
MIN. C		2	.	.	.	.	2.40
CALCITE		3					1
DOLOMITE		4					19
ANALYS.	1		EST	EST	EST	EST	300. PTS
QUARTZ	2	1	XXX	XXXX	XXX	XXX	71
CHERT		2		TR		X	TR
FELDSPAR		3	X	XX	X	X	7
MUSCOV.		4	X	X	X	X	TR
BIOTITE		5	TR	TR	TR	TR	
CHLORITE		6	X		TR	TR	
METAM.		7				TR	
VOLC.		8					
CARB		9	XXX	XXX	XXXX	XXXX	21
GYPSUM		10					
OTHER		11	TL TR	TL TR			TL TR
OTHER		12		ZC TR			ZC TR
OTHER		13					
OTHER		14					
GR. TYPE	3			G, M	DLST X		G, M
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	?		?		
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1			CR-VF	CR-VF	
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	A	1	VF	VF			VF-F
MAX. GRN.		2					
SD. STG.		3	G	G-V			G
SD. RDG.		4	P	P-M			P-M
SD. CENT.		5	C3	CB, CQ			Q CB
HOR. LAM.	1	1	X	X			X
X-LAM.		2					
BIOTURB.		3			BDS EYE?		
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY-YLW	LGY-GN	LGY	LGY-MGY	LGY
LITHOLOGY (GENERALIZED)	1	1–6	DLST, STY, SDY W ITL AM SS, STY	SS, STY W ITLAM SLT, SDY	DLST, STY, SDY	DLST, STY, SDY	SS

Item	Grp	No.	Sample 1	Sample 2	Sample 3	Sample 4
SECTION	1	1	11-2	11-2	11-2	11-2
ROCK UN.		2	VLNDOM	VLNDOM	VENDOM	VENDOM
FROM		3	1337	1342	1341	1358
TO		4				
FIELD	2	1	11-73-11	11-73-11	11-73-11	11-73-11
NUMBER		2	-8-100	-8-105	-5-107	-8-121
UGC NUMBER	3	1	C0363 15	C0363 16	C0363 17	C0363 18
QUARTZ	1	1	80	76	23	4
K-FSP.		2	3	6	1	1
PLAGIOCL.		3	2	4	2	1
MICA, IL.		4	1	1	1	1
CHL., KA.		5		1	2	2
CALCITE		6	3	2	2	8
DOLOMITE		7	11	10	66	83
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1	6	12	11	26
PL/PL+KF		2	39	38	63	67
D/D+C		3	80	83	98	91
ORG. C	3	1	0.07			
MIN. C		2	1.66			
CALCITE		3	2			
DOLOMITE		4	11			
ANALYS.	1		300 PTS	EST	EST	EST
QUARTZ	2	1	75	XXXX	XXX	X
CHERT		2	TR	TR		X
FELDSPAR		3	7	XX	X	X
MUSCOV.		4	TR	X	X	TR
BIOTITE		5		X	X	X
CHLORITE		6		TR	X	
METAM.		7				
VOLC.		8				
CARB.		9	17	XX	XXXX	XXXX
GYPSUM		10				
OTHER		11	ZC 2			
OTHER		12	TL TR			
OTHER		13				
OTHER		14				
[illegible]		1	G	G. M		DLST ?
INTRACL.	4	1				
OOIDS		2				
PELLETS		3				X
STD. GEN.		4				GASTR X
FOSSIL	5	1				
FOSSIL		2				
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2			CR-VF	
SUPPORT	8	1				
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
GG MATR.		5				
SD. GRADL.	10	1	VF-F	VF	VF	VF
MAX. GRN.		2				
SD. STG.		3	G-VG	VG		
SD. RDG.		4	P-M	P		
SD. CEMT.		5	CB, G	CB		
HOR. LAM.	1	1	S	X	X	
X-LAM.		2				
BIOTURB.		3				
OTHER		4			SRC	BRC
OTHER		5				BDSEYE
OTHER		6				
COLOUR	2	1	LGY	LGY	LGY	LSY-YLW
LITHOLOGY (GENERALIZED)	3	1	SS, STY	SS, STY & LAM. SLT, SDY	DLST, SLTY, SDY	DLST, STY, SDY

SECTION	1	1	LEN	LEN	LEN	LEN	LEN	LEN
ROCK UN.		2	VEND OM	VEND OM	VEND OM	VEND OM	VEND OM	VEND OM
FROM		3	1371	1382	1381.5	1392	1692	1683
TO		4						
FIELD	7	1	7-8-4	7-8-4	7-8-4	7-8-4	7-8-4	7-8-4
NUMBER		2	7-8-4	7-8-4	7-8-4	7-8-5	7-8-5	7-8-5
DRL. NUMBER	8		1036	1036	1032	1036	1032	1036
QUARTZ	1	1	34	23	24	29		47
K-FSP.		2	3	2	1	2		3
PLAGIOCL.		3	8	2	8	3		1
MICA, IL.		4	3	3	4	2		3
CHL., KA.		5	2	2	2	1		1
CALCITE		6	1	3	5	2		13
DOLOMITE		7	29	60	56	61		32
GYPSUM		8						
OTHER		9						
OTHER		10						7
F/F+Q	2	1	17	12	26	14		
PL/PL+KF		2	74	48	92	52		24
D/D+C		3	96	95	92	97		71
ORG. C	3	1	13					
MIN. C		2	CY					
CALCITE		3	1					
DOLOMITE		4	31					
ANALYS.	11		EST	EST	EST	EST	EST	
QUARTZ	2	1	XXXX	XXX	XXX	XXX	XXXX	XXXX
CHERT		2	TR			TR		X
FELDSPAR		3	XX	X	XX	X	X	X
MUSCOV.		4	X	X	X	X		X
BIOTITE		5	TR	X	X	TR		TR
CHLORITE		6	X	X				TR
METAM.		7						
VOLC.		8						
CARB.		9	XXX	XXXX	XXXX	XXXX		XXX
GYPSUM		10						
OTHER		11						
OTHER		12						
OTHER		13						
OTHER		14						
CB. TYPE	3	1	M. G.					M. G.
INTRACL	4	1						
OOIDS		2						
PELLETS		3						
CTD. GRN.		4						
FOSSIL	5	1						
FOSSIL		2						
FOSSIL		3						
FOSSIL		4						
FOSSIL		5						
FOSSIL		6						
FOSSIL		7						
FOSSIL		8						
D/D+C	7	1		CR-VF	CR-VF	CR-VF	CR-VF	
D. GRADE		2						
SUPPORT	0	1						
GR. GRADE		2						
GR/GR+MA		3						
MA. GRADE		4						
PHENOCL.	9	1						
PHENOCL.		2						
PHENOCL.		3						
PHENOCL.		4						
C.G. MATR.		5						
SD. GRADE	4	1	VF	VF		VF	VF	
MAX. GRN.		2						
SD. STG.		3	G			G		
SD. RDG.		4	P			P		
CD. CEMT		5	CB, G			CB		X
HOR. LAM.	1	1		X	X			
X-LAM.		2						
BIOTURB.		3						
OTHER		4						
OTHER		5						
OTHER		6						
COLOUR	2	1	LGY-YLW RD		SD	GY	SM	
LITHOLOGY (GENERA LIPLD)	1	1	SLT, SDY	DLST	DLST	DLST	SLT, SDY	
		2	WTL AM	SDY, SDY	STY, SDY	SLY, SDY	WTL AM	
		3	SS, STY	WTL AM		WTL AM	SLT, SDY	
		4		SLT, SDY		SS, STY	STY, SDY	
		5						
		6						

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2	11-2	11-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	1696	1703	1704	1737	1739
TO		4					
FIELD NUMBER	2	1	11-73-H	11-73-H	11-73-H	11-73-H	11-73-H
		2	-8-459	-8-466	-8-467	-8-500	-8-502
GSC NUMBER	3	1	C036324	C053325	C036326	C036327	C055328
QUARTZ	1	1	13	31	30	79	10
K-FSP.		2	5	2	2	3	2
PLAGIOCL.		3		1	1		1
MICA, IL.		4	2	3	2	1	1
CHL., KA.		5	1	1		2	2
CALCITE		6	7	5	12	7	11
DOLOMITE		7	42	57	53	8	73
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+G	2	1	11	9	10	4	24
PL/PL+KF		2	10	26	29	0	33
D/D+C		3	86	93	81	51	87
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XXX	XXX	XXXX	XX
CHERT		2	TR			TR	TR
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	TR	TR	TR	X
CHLORITE		6	TR	TR		X	X
METAM.		7					
VOLC.		8					
CARB.		9	XXX	XXXX	XXXX	XX	XXXX
GYPSUM		10			ZC TR	ZC TR	TL TR
OTHER		11				TL TR	
OTHER		12					
OTHER		13					
OTHER		14				G. H.	
GR. TYPE		1			X		
INTRACL	4	1					
OOIDS		2					
PELLETS		3			X		
CTD. GRN.		4					
FOSSIL	5	1	BRW, V 3		ECH 2		ECH ?
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-VF	CR-VF		CR-F
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+NA		3					
NA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF-F
MAX. GRN.		2				M	
SD. STG.		3				M	
SD. RDG.		4				P-G	
SD. CEMT.		5				CB, Q	
HOR. LAM.	1	1	X	X	X	X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY	LGY	LGY	LGY	LGY
LITHOLOGY (GENERALIZED)	1	1	DLST,	DLST,	DLST,	SS, STY	DLST,
		2	STY, SDY	STY, SDY	STY, SDY		STY, SDY
		3	W LT LAM				
		4	SLT, SDY				
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-2	11-2	11-2		
ROCK UN.		2	VENDOM	VENDON	VENDOM		
FROM		3	1759	1763	1766		
TO		4					
FIELD	2	1	11-73-H	11-73-H	11-73-H		
NUMBERS		2	-8-522	-3-526	-8-529		
OBS. NUMBER	3	1	C036329	C036330	C036337		
QUARTZ	1	1	58	51	66		
K-FSP.		2	4	5	11		
PLAGIOCL.		3	1	1	2		
MICA, IL.		4	2	5	1		
CHL., KA.		5	1	3	8		
CALCITE		6	4				
DOLOMITE		7	30	35	12		
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	8	11	17		
PL/PL+KF		2	20	19	0		
D/D+C		3	88	100	58		
ORG. C	3	1	.	.	0.91	.	.
MIN. C		2			2.48		
CALCITE		3			8		
DOLOMITE		4			12		
ANALYS.	1		EST	20 TS	322 PTS		
QUARTZ	2	1	XXXX		67		
CHERT		2	TR		TR		
FELDSPAR		3	X		11		
MUSCOV.		4	X		TR		
BIOTITE		5	TR		TR		
CHLORITE		6	TR		TR		
METAM.		7			TR		
VOLC.		8					
CARB.		9	XXX		22		
GYPSUM		10					
OTHER		11		TL	TR		
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE		1	G, M		G, M		
INTRACL.	4	1	DLST X				
OOIDS		2					
PELLETS		3					
OTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR				
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	7	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5	SLT, SS				
SD. GRADE		1	VF	VF	VF-F		
MAX. GRN.		2			M		
SD. STG.		3	VG		M		
SD. RDG.		4			P-G		
SD. CEMT.		5	CB		CB, O		
HOR. LAM.	1	1	X				
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	RD	GN	LGY-GY		
LITHOLOGY (GENERALIZED)		1	ITLAM	SS, STY	SS, STY		
		2	SLT, SDY				
		3	SS, STY				
		4	FLF PBCG				

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Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-3	11-3	11-3	11-3	11-3
ROCK UN.		2	BLUE FD	BLUE FD	BLUE FD	BLUE FD	BLUE FD
FROM		3	24	141	181	576	504
TO		4					
FIELD	4	1	11-73-I	11-73-I	11-73-I	11-73-I	11-73-I
NUMBER		2	1-64	1-1784	1-221	1-476	1-541
DOC. NUMBER		1	C0363337	C0363338	C0363339	C036341[illegible]	C036341[illegible]
QUARTZ	1	1	4	14	6	9	6
K-FSP.		2	1	1	2	1	
PLAGIOCL.		3				TR	
MICA, IL.		4	2	1		1	
CHL., KA.		5	1	1		1	
CALCITE		6	90	38	92	87 X	91
DOLOMITE		7	2	40		1	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	21	4	21	18	0
PL/PL+KF		2	0	0	0	24	3
D/D+C		3	3	51	0		
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.			EST	EST	EST	EST	EST
QUARTZ	2	1	%X	XX	XX	XX	XX
CHERT		2					
FELDSPAR		3	TR	TR	X	X	TR
MUSCOV.		4	X	X	TR	X	TR
BIOTITE		5	TR	TR	TR	TR	
CHLORITE		6	TR	TR		TR	
METAM.		7					
VOLC.		8					
CARB		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11	ZC TR				
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.		1					
OOIDS		2					X
PELLETS		3			X		X
STD. GRN.		4					A
FOSSIL	5	1	PARTH	A OSTR	X CORCL	X PARTH	A PARTH
FOSSIL		2	OSTR	X ECH	X ECH	? OSTR	X OSTR
FOSSIL		3	GASTR	X PARTH	X		X BRACH
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2		HTC-F			
SUPPORT	6	1	M		M		
GR. GRADE		2	SD		CG		
GR/GR+MA		3	H		H		
MA. GRADE		4	CR	CR	CR	CR	CRF-FHIC
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	VF	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4	BDSEYE			BDSEYE	
OTHER		5					
OTHER		6					
COLOUR		1	YLW-BN	OR	YLW-BN	YLW-BN	BN
LITHOLOGY (GENERALIZED)		1	LWST,	DOLST,	LWST,	LWST,	LST,
		2	STY, SDY	STY, SDY	STY, SDY	STY, SDY	STY, SDY

Field	Group	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-3	11-3	11-3	11-3	11-3
ROCK UN.		2	KLUE FD	BLUE FD	BLUE FD	BLUE FD	KLUE FD
FROM		3	610	670	536	967	979
TO		4					
FIELD	2	1	11-73-I	11-73-I	11-73-I	11-73-I	11-73-I
NUMBER		2	-1-650	-1-710	-11-876	-11-1009	-1-1019
OSC. NUMBER	3	1	C036342	C036343	C036344	C036349	C03636
QUARTZ	1	1	17	5		3	1
K-FSP.		2	2	7		1	
PLAGIOCL.		3			1	1	
MICA, IL.		4	2	2		1	
CHL., KA.		5					
CALCITE		6	38	89	3	15	TR
DOLOMITE		7	41	3	96	79*	99*
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	9	12		45	
PL/PL+KF		2	0	0		33	
D/D+C		3	52	3	97		
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XX	TR	X	TR
CHERT		2					
FELDSPAR		3	X	X		X	
MUSCOV.		4	X	X		TR	
BIOTITE		5	TR	TR			
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	3	1					
INTRACL.	4	1			?		
OOIDS		2					
PELLETS		3			?		
CTD. GRN.		4					
FOSSIL	5	1	PARTH X	PARTH X	PARTH ?		
FOSSIL		2	OSTR X				
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	MIC-VF		MIC-M	MIC	MIC-VF
SUPPORT	8	1		M			
GR. GRADE		2		SD			
GR/GR+MA		3		M			
MA. GRADE		4	CR	CR			
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1	VF	VF			
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4		BDSEYE		BDSEYE	
OTHER		5					
OTHER		6					
COLOUR	1	1	YLW	YLW	OR	YLW	YLW
LITHOLOGY (GENERALIZED)	1	1	DLST	LWST.	DOLST	DOLST	DOLST
		2	STY, SDY	STY, SDY		STY	

Item	Code	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Section	1	11-3 FD	11-3 FD	11-3 FD	11-3 FD	11-3 FD
Rock un.	2	BLUE	BLUE	BLUE	BLUE	BLUE
From	3	988	999	1041	1056	1116
To	4					
Field number	1	1N-73-I	1N-73-I	1N-73-I	1N-73-I	N-73-I
	2	-2-8	-2-79	-2-61	-2-76	-2-736
GSC number	1	C036347	C036349	C036348	C036350	C036357
Quartz	1	26	50	31	8	57
K-Fsp.	2	1	4	2	1	4
Plagiocl.	3	1	1	3	1	1
Mica, Il.	4	2	2	2	1	2
Chl., Ka.	5	2	2	1	1	2
Calcite	6		1		2	16
Dolomite	7	68	40	61	86	18
Gypsum	8					
Other	9					
Other	10					
F/F+Q	1	7	9	5	24	9
Pl/Pl+KF	2	45	21	0	54	25
D/D+C	3	100	46	98	98	52
Org. C	1					
Min. C	2					
Calcite	3					
Dolomite	4					
Analys.	1	EST	EST	EST	EST	EST
Quartz	1	XYX	XXXX	XXX	XX	XXXX
Chert	2				X	X
Feldspar	3	X	X	X		X
Muscov.	4	X	X	X	TR	TR
Biotite	5	TR	TR	TR	TR	X
Chlorite	6	X	X	X		
Metam.	7					
Volc.	8					
Carb.	9	XXXX	YXX	XXYX	XYYX	XXX
Gypsum	10					
Other	11					
Other	12					
Other	13					
Other	14					
Gr. type	1					SLT X
Intracl.	1					
Ooids	2					
Pellets	3					
Std. grn.	4				PART4 3	
Fossil	1–8					
D/D+C	1					
D. grade	2	CR-VF		CR	CR-MIC	
Support	1					
Gr. grade	2					
Gr/Gr+Ma	3					
Ma. grade	4					
Phenocl.	1–4					
Gd. matr.	5					
Sd. grade	1		VF	VF		
Max. grn.	2		G-VG			
Sd. stg.	3		P			
Sd. rdg.	4					
Sd. cemt.	5		CB			
Hor. lam.	1	X	X		X	X
X-lam.	2					
Bioturb.	3				UNDUL	BRC
Other	4					
Other	5					
Other	6					
Colour	1	LGY	LGY	RD	YLW	RD, LGY
Lithology (generalized)	1	DOLST,	SLT, SDY	DLST,	DLST,	SLT, SDY
	2	SLTY		STY, SDY	SLTY	

Field	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	11-3	11-S	11-3	11-3	11-3
ROCK UN.	BLUE ED	BLUE C FD	BLUE FD	BLUE ED	BLUE FD
FROM	1176	1231	1272	1283	L286
TO					
FIELD NUMBER	11-73-I -2-196	M-72-I -2-251	-73-I -2-292	M-Z3-I -2-303	M-Z3-I -T-?-0
DOC. NUMBER	C036352	C036353	C036354	C036355	C036356
QUARTZ	19	54	33	34	25
K-FSP.	2	6	2	3	3
PLAGIOCL.	1	1	1	5	2
MICA, IL.	2	3	3	2	2
CHL., KA.		3	2	4	2
CALCITE	2	1		52	62
DOLOMITE	74	32	59		4
GYPSUM					
OTHER					
OTHER					
F/F+Q	16	12	8	1	17
PL/PL+KF	33	15	37	0	41
D/D+C	97	96	100	94	6
ORG. C					
MIN. C					
CALCITE					
DOLOMITE					
ANALYS.	EST	EST	EST	EST	EST
QUARTZ	X X X	X X X X	X X X	X X X	X X X
CHERT		X	X	X	X
FELDSPAR	X	X	X	X	X
MUSCOV.	X	X	TR	TR	TR
BIOTITE	TR	X	X	X	X
CHLORITE					
METAM.					
VOLC.					
CARB.	X X X X	X X X	X X X X	X X X X	X X X X
GYPSUM					
OTHER	TL	TR			
OTHER					
OTHER					
OTHER					
GR. TYPE					
INTRACL.	?				?
OOIDS	X				A
PELLETS					
CTD. GRN.					PARTH X
FOSSIL					
FOSSIL					
FOSSIL					
FOSSIL					
FOSSIL					
FOSSIL					
FOSSIL					
FOSSIL					
D/D+C					
D. GRADE	CR-FMIC		MIC	CR-MIC	M
SUPPORT					SD
GR. GRADE					M
GR/GR+MA					CR
MA. GRADE					
PHENOCL.					
PHENOCL.					
PHENOCL.					
PHENOCL.					
CG MATR.					
SD. GRADE	VF	VF			
MAX. GRN.					
SD. STG.					
SD. RDG.					
SD. CEMT.					
HOR. LAM.	X	X	X	X	
X-LAM.					
BIOTURB.				UNDUL	BDSEYE
OTHER					
OTHER					
OTHER					
COLOUR	LGY	LGY-GN	LGY	LGY-GN	LGY
LITHOLOGY (GENERALIZED)	DOL ST, SLTY, SDY	SLT, SDY	DOL ST, SLTY	DOL ST, SLTY	LW ST, STY

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-3	11-3	11-3	11-3	11-3
ROCK UN.		2	BLUE FD	BLUE ID	BLUE FD	BLUE FD	BLUE FD
FROM		3	1291	1294	1301	1314	1347
TO		4					
FIELD NUMBER	2	1	1II-73-II	1II-73-II	II-73-II	II-73-II	II-73-II
		2	-3-5	-3-8	-5-15	-3-28	-3-67
THSC NUMBER	3	1	C036357	C036358	C036359	C036360	C036361
QUARTZ	1	1	2	46	5	29	4
K-FSP.		2	1	4	1	3	1
PLAGIOCL.		3	1	2			1
MICA, IL.		4		6		1	1
CHL., KA.		5		2		2	
CALCITE		6	93	2	38	8	91
DOLOMITE		7	3	38	56	57	2
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	45	13	16	8	35
PL/PL+KF		2	62	38	0	0	35
D/D+C		3	3	96	60	87	2
ORG. C	3	1	.	0.08	.	.	.
MIN. C		2	.	5.54	.	.	.
CALCITE		3		1			
DOLOMITE		4		42			
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	XXXX	X	XXX	X
CHERT		2			TR	X	X
FELDSPAR		3	X	X	TR	X	X
MUSCOV.		4		X		TR	
BIOTITE		5		TR		X	TR
CHLORITE		6		X			
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE		1					
INTRACL.	4	1					
OOIDS		2					X
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1	PARTH A		PARTH X	PARTH X	PARTH A
FOSSIL		2	OSTR X				GASTR X
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	MIC		MIC-VF	CR-VF	
SUPPORT	6	1	M				M
GR. GRADE		2	SD				SD
GR/GR+MA		3	H				H
MA. GRADE		4	CR			CR-VF	CA
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	4	1		VF	VF		
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1		X			
X-LAM.		2		X			
BIOTURB.		3					
OTHER		4		UNDUL	STYL	BDSEYE	BDSEYE
OTHER		5					
OTHER		6					
COLOUR	1	1	BN	LGY-GN	LGY	LGY-GN-BN	BN
LITHOLOGY (GENERALIZED)	1	1	LWST,	SLT, SDY	DLST,	DLST,	LWST,
		2	STY		STY, SDY	SLY	STY
		3					
		4					
		5					
		6					

Field	Group	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-3	11-3	11-5	11-?	11-3
ROCK UN.		2	BLVE FD	BLVE FD	BLVE FD	BLVE FD	BLVE FD
FROM		3	1386	1425	1461	1486	1522
TO		4					
FIELD	2	1	1M-73-I	1M-73-I	M-73-I	M-73-I	M-73-I
NUMBER		2	-13-100	-3-139	-3-175	-3-200	-3-236
OSC NUMBER	3	1	C036362	C036363	C059820	C036364	C036365
QUARTZ	1	1	10	3	3	6	4
K-FSP.		2	2	2	1		
PLAGIOCL.		3			TR		
MICA, IL.		4	2				
CHL., KA.		5	2				
CALCITE		6	82	95	96	94	93
DOLOMITE		7	2				3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	15	31	18	0	0
PL/PL+KF		2	0	0	0	0	3
D/D+C		3	3	0	0		
ORG. C	3	1	.	.	.	.	.
MIN. C		2	.	.	.	.	.
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	X	X	XX	X
CHERT		2		X	TR		
FELDSPAR		3	X				
MUSCOV.		4					
BIOTITE		5	TR				
CHLORITE		6	X				
METAM.		7					
VOLC.		8	XXXX	XXXX	XXXX	XXXX	XXXX
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1	PARTH	A PARTH	A PARTH	A PARTH	A PARTH A
FOSSIL		2	OSTR	X OSTR	X OSTR	X OSTR	X OSTR X
FOSSIL		3				GASTR	?
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1	M	M	M	M	M
GR. GRADE		2	S D	S D	S D	S D	S D
GR/GR+MA		3	H	H	H	H	M
MA. GRADE		4	C R	C R	C R	C R	C R
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	10	1	VF		VF		VE
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CEMT.		5					
HOR. LAM.	1	1					
X-LAM.		2					
BIOTURB.		3					
OTHER		4	BDSEYE		BDSEYE	BDSEYE	
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY-BN	LGY-BN	BN	BN	BN
LITHOLOGY (GENERALIZED)	1	1	LMST,	LMST,	LMST,	LMST,	LMST,
		2	STY, SDY	STY	STY, SDY	STY	STY, SDY

Group	Field	Card col.	Row	Sample 1	Sample 2
SECT.	SECTION	1	1	11-5	11-5
	ROCK UN.		2	BLUE FD	BLUE FD
	FROM		3	1545	1573
	TO		4		
	FIELD NUMBER	2	1	III-73-I	III-73-I
			2	-3-259	-3-297
	DISC NUMBER	3	1	C036366	C036367
X-RAY CARBON	QUARTZ	1	1	4	8
	K-FSP.		2		9
	PLAGIOCL.		3		
	MICA, IL.		4		2
	CHL., KA.		5		1
	CALCITE		6	75	66
	DOLOMITE		7	21	19
	GYPSUM		8		
	OTHER		9		
	OTHER		10		
	F/F+Q	2	1	0	35
	PL/PL+KF		2		0
	D/D+C		3	22	22
	ORG. C	3	1		
	MIN. C		2		
	CALCITE		3		
	DOLOMITE		4		
MICROSCOPIC	ANALYS.	1		EST	EST
	QUARTZ	2	1	X	X X
	CHERT		2		
	FELDSPAR		3		X
	MUSCOV.		4		X
	BIOTITE		5		
	CHLORITE		6		TR
	METAM.		7		
	VOLC.		8		
	CARB.		9	X X X X	X X X X
	GYPSUM		10		
	OTHER		11		
	OTHER		12		
	OTHER		13		
	OTHER		14		
	CB. TYPE	3	1		
	INTRACL.	4	1		
	OOIDS		2		
	PELLETS		3	X	X
	STD. GRN.		4		
	FOSSIL	5	1	ECH X	PARTH A
	FOSSIL		2	PARTH X	OSTR X
	FOSSIL		3	OSTR X	
	FOSSIL		4	BRACH X	
	FOSSIL		5		
	FOSSIL		6		
	FOSSIL		7		
	FOSSIL		8		
	D/D+C	7	1		
	D. GRADE		2	MIC	MIC
	SUPPORT	6	1	M	M
	GR. GRADE		2	SD	SD
	GR/GR+MA		3	H	H
	MA. GRADE		4	CR	CR
	PHENOCL.	9	1		
	PHENOCL.		2		
	PHENOCL.		3		
	PHENOCL.		4		
	CG. MATR.		5		
	SD. GRADE	8	1		
	MAX. GRN.		2		
	SD. STG.		3		
	SD. RDG.		4		
	SD. CEMT.		5		
MACROSCOPIC	HOR. LAM.	1	1		
	X-LAN.		2		
	BIOTURB.		3		X
	OTHER		4		BDSEYE
	OTHER		5		
	OTHER		6		
	COLOUR	1	1	BN	BN
	LITHOLOGY (GENERALIZED)	3	1	LWST,	LWST,
			2	SLTY, SDY	STY
			3		
			4		
			5		
			6		

GENERAL	SECTION	1	1	LL-2	LL-4	LL-6	7/1-4-1
	ROCK UN.		2	LR-2	1/1-4	1/1-4	STRATIGC
	FROM		3	4	8	24	26
	TO		4				76
	FIELD	2	1	19-1/3-1	1/4-1/2-1	1/4-1/3-1	1/4-1/3-1
	NUMBER		2	17-21	1-17-15	1-1-2	1-1-2
	ORIG. NUMBER	3	1	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
MINERALOGY	QUARTZ	1	1	5 9	1 8	5 6	4 3 / 1 7
	K-FSP.		2	4	2	5	5 / 1 0
	PLAGIOCL.		3	2	1	3	2 / 3
	MICA, IL.		4	5	2	8	1 / 6
	CHL., KA.		5	2	2	4	1 / 5
	CALCITE		6		4	2	1 / 2
	DOLOMITE		7	2 8	7 1	2 2	4 7 / 5
	GYPSUM		8				
	OTHER		9				
	OTHER		10				
	F/F+G	2	1	4	1 5	1 2	1 4 / 1 6
	PL/PL+KF		2	3 3	3 3	2 7	2 5 / 2 2
	D/D+C		3	1 0 0	9 4	9 3	9 8 / 5 4
	ORG. C	3	1	0. 0 6	. .	.	. .
	MIN. C		2	4. 1 1	. .		
	CALCITE		3	0			
	DOLOMITE		4	3 2			
	ANALYS.	1		ES	ES	ES	ES / NO TS
	QUARTZ	2	1	X X X	X X X	X X X X	X X X
	CHERT		2			X	X
	FELDSPAR		3	X			X
	MUSCOV.		4	X		X X	X
	BIOTITE		5	T R		T R	T R
	CHLORITE		6	X	X	X	T R
	METAM.		7				
	VOLC.		8				
	CARB.		9	X X X	X X X X	X X	X X X
	GYPSUM		10				
	OTHER		11				
	OTHER		12				
	OTHER		13				
	OTHER		14				
CONSTITUENTS	CH. TYPE	3	1				
	INTRACL.	4	2				
	OOIDS		3				
	PELLETS		4				
	CTD. GRN.						
	FOSSIL	5	1				
	FOSSIL		2				
	FOSSIL		3				
	FOSSIL		4				
	FOSSIL		5				
	FOSSIL		6				
	FOSSIL		7				
	FOSSIL		8				
	D/D+C	7	1		M G R		
	D. GRADE		2				
	SUPPORT	8	1				
	GR. GRADE		2				
	GR/GR+MA		3				
	MA. GRADE		4				
	PHENOCL.	9	1				
	PHENOCL.		2				
	PHENOCL.		3				
	PHENOCL.		4				
	CG. MATR.		5				
	SD. GRADE	4	1	VF	VF-F	VF	VF-F / VF
	MAX. GRN.		2				
	SD. STG.		3			G P	
	SD. RDG.		4			3 5	3
	SD. CENT		5				
STRUCTURES	HOR. LAM.	1	1		X	X	X / X
	X-LAM.		2				
	BIOTURB.		3		Y		
	OTHER		4	L O N V G L	S T Y L		
	OTHER		5				
	OTHER		6				
	COLOUR	2	1	2 4	G Y	G N	L G Y / M G Y
			2				
	LITHOLOGY (GENERALIZED)	3	1	2 4 / 1 3 2 P D	D 4 2 7	C L T 7 D T	3 2 / 3 5 1 2 / 2 2 2 2 4 7
			2		S F 2 / 5 2 3		W 1 7 T I M
			3				D 0 4 5 7 1
			4				6 1 X 7 3 P Y
			5				
			6				
			7				

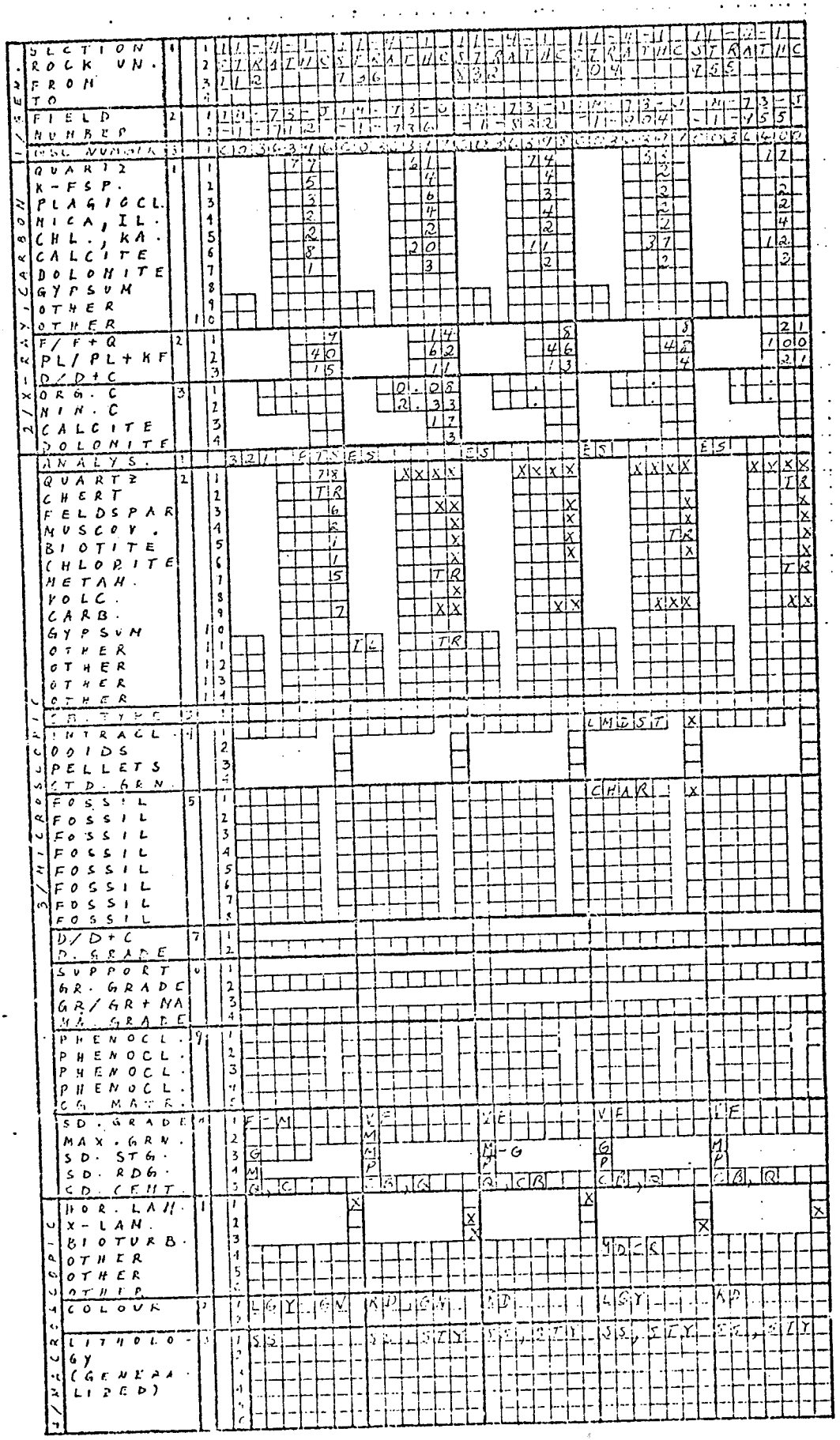
Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-4-1	11-4-1	11-4-1	11-4-1	11-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	78	28	91	124	136
TO		4					
FIELD	2	1	11H-73-J	11H-73-J	11H-73-J	11H-73-J	11H-73-J
NUMBER		2	-1-78	-1-58	-11-91	-11-124	-1-136
OBS NUMBER	3	1	C0346371	C0356679	C0283372		C0345376
QUARTZ	1	1	82	66	72	63	57
K-FS.P.		2	7	13	10	3	7
PLAGIOCL.		3			2	2	
MICA, IL.		4	3	9	4	17	1
CHL., KA.		5	3	5	4	5	1
CALCITE		6	2		4		1
DOLOMITE		7	3	7	4	16	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	7	17	15	8	7
PL/PL+KF		2	0	0	13	34	0
D/D+C		3	60	100	52	100	72
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		ES	ES	ES		3/10 PTS
QUARTZ	2	1	XXXX	XXXX	XXXX		61
CHERT		2	X				7
FELDSPAR		3	X	XX	XX		8
MUSCOV.		4	X	XX	X		2
BIOTITE		5	X	X	X		3
CHLORITE		6	X	X	X		4
METAM.		7	X		X		4
VOLC.		8	X	?X	?X		0
CARB.		9	X	X	X		6
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					SEC A
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG MATR.		5					
SD. GRADE	4	1	F	VF	VF		F
MAX. GRN.		2					
SD. STG.		3	VG		VG		VG
SD. RDG.		4	M		P		P
SD. CEMT.		5	G		S		Q, CB
HOR. LAM.	1	1		X	X		X
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	OL	GN	MD, OL		LGY, OL
LITHOLOGY (GENERALIZED)	3	1	SS	SH [illegible]	SS, SLTY	SS [illegible]	SS
		2		[illegible] LAM		SLY	
		3		SAT. SDL		(SYFS)	
		4				(SST)	
		5					
		6					

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	LL-4-L	LL-4-L	LL-4-L	LL-4-L	LL-4-L
ROCK UN.		2	STRATIIC	STRATIIC	STRATIIC	STRATIIC	STRATIIC
FROM		3	176	184	262	271	308
TO		4					
FIELD	2	1	11A-73-J	14-73-J	14-73-J	14-73-J	14-73-J
NUMBER		2	-11-176	-1-184	-11-262	-1-271	-11-308
GSC NUMBER	3	1	C102637	[illegible]	[illegible]	[illegible]	C102628
QUARTZ	1	1	80		82	70	77
K-FSP.		2	16		5	4	6
PLAGIOCL.		3				1	
MICA, IL.		4	1		4	2	1
CHL., KA.		5	1		2	1	1
CALCITE		6	1		1	8	10
DOLOMITE		7	1		6	14	3
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	16		6	7	7
PL/PL+KF		2	0		0	20	0
D/D+C		3	71		85	63	21
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		226 PTS		ES	ES	304 PTS
QUARTZ	2	1	87	XXXX	XXXX	XXXX	77
CHERT		2	4		X	X	12
FELDSPAR		3	4	X	X	X	3
MUSCOV.		4		XX	X	TR	TR
BIOTITE		5	0	X	TR	TR	TR
CHLORITE		6	TR	X	TR		L
METAM.		7	2				0
VOLC.		8	2	XX	XX	XXX	9
CARB.		9					
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1				D-ST, STY	X
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1		H		L	
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	4	1	F-M	VF	F	VF-M	F
MAX. GRN.		2			G	M	G-VG
SD. STG.		3	G		M	P	M
SD. RDG.		4	P-M				
CD. CEMT.		5	Q		Q, CB	CB, Q	Q, CB
HOR. LAM.	1	1	X	X	X		X
X-LAM.		2		X	X		X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	RD	RD	LGY	LGY
LITHOLOGY (GENERALIZED)	3	1	SS	SLT, CLYST		[illegible]	SS
		2					
		3					
		4					
		5					
		6					

Group	Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GEN.	SECTION	1	1	11-4-1	11-4-1	11-4-1	11-4-1	11-4-1
	ROCK UN.		2	STRATHCS	STRATHCS	STRATHCS	STRATHCS	STRATHCS
	FROM		3	380	435	508	543	570
	TO		4					
	FIELD	2	1	IH-73-J	JM-73-J	JM-73-J	JM-73-J	JM-73-J
	NUMBER		2	-1-304	-1-1135	-1-808	-1-543	-1-575
	DISC. NUMBER	3	1	C036332	C036333	C036334	C036335	C036336
2/X-RAY, CARBON	QUARTZ	1	1	83	73	63	5	28
	K-FSP.		2	4	8	2	1	5
	PLAGIOCL.		3		2	1	1	
	MICA, IL.		4	1	2	3		2
	CHL., KA.		5	1	13	2		
	CALCITE		6	9	2	26	93	19
	DOLOMITE		7	2		3		46
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	4	9	4	35	16
	PL/PL+KF		2	0	0	32	50	0
	D/D+C		3	15	11	10	0	70
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1		32[illegible] PTS	ES	ES	ES	ES
	QUARTZ	2	1	75	X X X X	X X X X	X	X X X
	CHERT		2	TR	TR	TR		X
	FELDSPAR		3	9	X	X	X	
	MUSCOV.		4	0	X	X	TR	X
	BIOTITE		5	TR	TR	TR		
	CHLORITE		6	0	X	X		
	METAM.		7	3	TR			
	VOLC.		8	0				
	CARB.		9	13	X X	X X X	X X X X	X X X X
	GYPSUM		10	0		TR		
	OTHER		11			TL		
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CB. TYPE	3	1					LMST X
	INTRACL.	4	1					DLST
	OOIDS		2					
	PELLETS		3					
	CTD. GRN.		4					
	FOSSIL	5	1			OSTR	X OSTR	A OSTR X
	FOSSIL		2			CHAR	X	CHAR X
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					CP
	D. GRADE		2				M	M
	SUPPORT	8	1				CG, SD	
	GR. GRADE		2				H	
	GR/GR+MA		3				CR	
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	10	1	F	VF-F	VF	VF	VF-F
	MAX. GRN.		2					M
	SD. STG.		3	VG	VG	M		
	SD. RDG.		4	M	P-M	P-M		
	SD. CEMT		5	C, CB	Q, CB	CB,		
4/GENERAL	HOR. LAM.	1	1	X	X	Y		X
	X-LAM.		2			X		
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	GY	GGY	GA	GN	YLW
	LITHOLOGY (GENERALIZED)	3	1	SS	SS	SS, SILTY, ARG SLTY, SDY	[illegible]	[illegible] SLTY, ARG SLTY

	Field	No.	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
GENERAL	SECTION	1	1	IL-9-1	11-4-1	11-9-1	IL-9-L	
	ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	
	FROM		3	571.5	598	.02	612	
	TO		4					
	FIELD	2	1	IM-73-	SIM-73-U	IM-73-	SIM-73-SIM-	
	NUMBER		2	-1-57.5	-1-59Y	-1-60.2	-1-612	
	DISC NUMBER	3	1	C10561281	C103C3S2S	02871389	C1035671O	
X-RAY, CARBON	QUARTZ	1	1	8	46	44	60	
	K-FSP.		2	1	2	1	4	
	PLAGIOCL.		3		2	2	7	
	MICA, IL.		4	2	3	3	3	
	CHL., KA.		5		1	2	2	
	CALCITE		6	85	35	30	16	
	DOLOMITE		7	4	2	18	8	
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	11	18	6	14	
	PL/PL+KF		2	0	47	70	65	
	D/D+C		3	5	4	38	33	
	ORG. C	3	1			0.08		
	MIN. C		2			6.01		
	CALCITE		3			29		
	DOLOMITE		4			20		
	ANALYS.	1	1	ES	ES	ES	ES	
	QUARTZ	2	1	X	XXXX	XXX	XXXX	
	CHERT		2		TR			
	FELDSPAR		3		X	X	XX	
	MUSCOV.		4	TR	X	X	X	
	BIOTITE		5		X		X	
	CHLORITE		6		TR	X	X	
	METAM.		7		TR			
	VOLC.		8					
	CARB.		9	XXXX	XXX	XXX	XXX	
	GYPSUM		10					
	OTHER		11	PY	TR			
	OTHER		12					
	OTHER		13					
	OTHER		14					
CARB.	CB TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	CTD GRN.		4					
	FOSSIL	5	1	OSTR X				
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1	M				
	GR. GRADE		2	SD, CG				
	GR/GR+NA		3	M				
	NA. GRADE		4	CR				
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	4	1	VF	VF	VF	VF	
	MAX. GRN.		2				VG	
	SD. STG.		3		G		P	
	SD. RDG.		4		P			
	SD. CEMT.		5		CA, G		CA, Q	
GENERAL	HOR. LAM.	1	1			X	X	
	X-LAM.		2				X	
	BIOTURB.		3					
	OTHER		4	[illegible]		BRC		
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	BN	[illegible] GN	GN	LGY BN	
			2					
	LITHOLOGY (GENERALIZED)	3	1	LMST	SS, SLTY	SLT, SDY	[illegible]	
			2	SLTY, SDY				
			3					
			4					
			5					
			6					

Field	Card	No.	Sample 1	Sample 2	Sample 3	Sample 4
SECTION	1	1	IL-2-L	IL-4-1	IL-4-1	IL-4-1
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	632.5	633	657	653.5
TO		4		637		
FIELD NUMBER	2	1–2	IM-73-J-11-632.5	IM-73-J-1-633	IM-73-J-11-657	IM-73-T-11-653.5
GSC NUMBER	3	1	C023321	C023329	C023329	C026295
QUARTZ	1	1	12	76	51	39
K-FSP.		2	2	7	4	16
PLAGIOCL.		3	1	3	3	3
MICA, IL.		4	1	4	2	6
CHL., KA.		5	2	2	1	3
CALCITE		6	55	6	37	30
DOLOMITE		7	27	2	2	3
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1	20	11	11	32
PL/PL+KF		2	33	27	45	16
D/D+C		3	32	28	5	8
ORG. C	3	1				
MIN. C		2				
CALCITE		3				
DOLOMITE		4				
ANALYS.	1		ES	3071 PTSES		ES
QUARTZ	2	1	XX	72	XXXX	XXX
CHERT		2		3	TR	
FELDSPAR		3	X	10	X	XX
MUSCOV.		4	X	.	X	X
BIOTITE		5		2	TR	TR
CHLORITE		6	X	1	TR	X
METAM.		7		5	TR	
VOLC.		8				
CARB.		9	XXXX	6	XXX	XXX
GYPSUM		10				
OTHER		11	TL	TR		
OTHER		12				
OTHER		13				
OTHER		14				
CB. TYPE	3	1			LMDST	XSLT X
INTRACL.	4	1				
OOIDS		2				
PELLETS		3	?		?	
CTD. GRN.		4				
FOSSIL	5	1	OSTR X		OSTR	XOSTR X
FOSSIL		2	CHAR X		CHAR	XCHAR X
FOSSIL		3			PARTH	?BRACH ?
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2				
SUPPORT	6	1	M			
GR. GRADE		2	SD			
GR/GR+MA		3	L			
MA. GRADE		4	CR			
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
CG MATR.		5				
SD. GRADE	8	1	VF	F	VF	VF
MAX. GRN.		2				
SD STG.		3		G	M	
SD. RDG.		4		M	P	
SD. CEMT		5		C, CB	CB	
HOR LAM.	1	1		X		X
X-LAM.		2				
BIOTURB.		3				
OTHER		4				
OTHER		5				
OTHER		6				
COLOUR	2	1–2	LGY	LGY-GN	GN	RD
LITHOLOGY (GENERALIZED)	3	1–6	LMST, SLTY, SDY	SS	SS, SLTY	SLT, SDY



SECTION	1	1	1	1	1	1	1
ROCK UN.		2	2	2	2	2	2
FROM		3	3	3	3	3	3
TO		4	4	4	4	4	4
FIELD	2	1	1	1	1	1	1
NUMBER		2	2	2	2	2	2
MSC NUMBER	3	1	1	1	1	1	1
QUARTZ	1	1		6 8	6 8		8 1
K-FSP.		2		5	9		4
PLAGIOCL.		3		3	4		1
MICA, IL.		4		5	5	1	2
CHL., KA.		5		4	4	4	2
CALCITE		6		1 2	1 8		9
DOLOMITE		7		3	5		1
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1		1 0	9	0	5
PL/PL+KF		2		3 7	6 7		1 3
D/D+C		3		2 0	2 0		8
ORG. C	3	1			0. 1 1		
MIN. C		2			2. 2 2		
CALCITE		3			1 4		
DOLOMITE		4			4		
ANALYS.	1		ES	ES	HCO	ES	ES
QUARTZ	2	1	X X X X	X X X X	7 6	X X M X	X X X X
CHERT		2			7	X	T R
FELDSPAR		3	X	X	1	X	X
MUSCOV.		4	X	X			X
BIOTITE		5	X	X	T R	T R	X
CHLORITE		6	X	X	T R	X	T R
METAM.		7					
VOLC.		8					X X
CARB.		9	X X	X X X			
GYPSUM		10					
OTHER		11		DY	?		
OTHER		12					
OTHER		13					
OTHER		14					
CH. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1			CHT	X	
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG MATR.		5					
SD. GRADE	4	1	VF	VF	F-M	F	LF-F
MAX. GRN.		2					
SD. STG.		3			VG (BIM)	VG	VG
SD. RDG.		4			M	M	M
SD. CENT.		5			G	G	G CB
HOR. LAM.	1	1		X		2	X
X-LAM.		2					X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	NB	SW	YLW	YLW	LGY
		7					
LITHOLOGY (GENERALIZED)	3	1	LT, DT	SLT	SPL, DBL	LG	SS
		2					
		3					
		4					
		5					
		6					

1/GEN.	SECTION	1	1	11-4-2	11-4-2	11-4-2	11-4-2	11-4-2
	ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
	FROM		3	1295	1313	1320	1350	1365
	TO		4					
	FIELD	2	1	1N-13-J	1N-73-T	1N-73-J	1N-73-T	1N-73-T
	NUMBER		2	-2-1123	-2-1138	-2-1145	-2-1175	-2-1193
	GSC NUMBER	3	1	C036099	C0361[illegible]	C0361[illegible]	C0361[illegible]	C036110
2/X-RAY-CARBON	QUARTZ	1	1		22	92	72x	94
	K-FSP.		2		3	2		
	PLAGIOCL.		3		1			
	MICA, IL.		4		2		1	2
	CHL., KA.		5		2	1	2	4
	CALCITE		6		3			
	DOLOMITE		7		1			
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1		[illegible]	[illegible]	0	0
	PL/PL+KF		2		[illegible]	0		
	D/D+C		3		[illegible]			
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1	1	03	03	03	402	421
	QUARTZ	2	1	XXXX	XXXX	XXXX	87	43
	CHERT		2	X	TR	X	5	1
	FELDSPAR		3	X	X	X	?TR	TR
	MUSCOV.		4	X	X		2	3
	BIOTITE		5	TR	X		TR	0
	CHLORITE		6	TR	TR	TR	TR	1
	METAM.		7	X		X	5	2
	VOLC.		8			TR	TR	
	CARB.		9	XX	X			
	GYPSUM		10					
	OTHER		11			PY	TL	TR
	OTHER		12					
	OTHER		13					
	OTHER		14					
	CL. TYPE	3	1					
	INTRACL.	4	1	LMDSTY X				
	OOIDS		2	,STY 3				
	PELLETS		3					
	STD. GEN.		4					
	FOSSIL	5	1	FISH X	FISH X			
	FOSSIL		2	OSTR X				
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	6	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	0	1	F-M	VF-F	VF-F	F	F
	MAX. GRN.		2					
	SD. STG.		3	G	G (BIM)	VG	G	G (BIM)
	SD. RDG		4	M	B	M	M	S
	SD. CEMT		5	C3	C	C	C	C
4/MACROSC.	HOR. LAM.	1	1			X	X	X
	X-LAM.		2			X		
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	GY	[illegible] GY	GY	YGN	GY
			2					
	LITHOLOGY (GENERALIZED)	3	1	SD	[illegible]	[illegible]	SS	[illegible]
			2		[illegible]	[illegible]		
			3					
			4					
			5					
			6					

Item	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4
SECTION	1	1	11-4-2	11-4-2	11-4-2	11-4-2
ROCK UN.		2	STR4LHC	STGATH	STR4THC	STRAT4C
FROM		3	1426	1445	1483	1586
TO		4				
FIELD NUMBER	2	1	11-73-V	11-73-V	11-73-T	M-73-F
		2	-2-2611	2-2733	-2-3??	-2-411
GSC NUMBER	3		C05564117	0?26?47?	C0??4713	C0??6?4??
QUARTZ	1	1	47	83	74*	85*
K-FSP.		2	2	3	1	5
PLAGIOCL.		3	2	1	TR	1
MICA, IL.		4	5	2	2	1
CHL., KA.		5	5	4	4	3
CALCITE		6	36	5	7	4
DOLOMITE		7	2	1	2	1
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+G	2	1	5	5		
PL/PL+KF		2	37	13	18	17
D/D+C		3	4	22	17	16
ORG. C	3	1				
MIN. C		2				
CALCITE		3				
DOLOMITE		4				
ANALYS.	1		HS	FS	ES	3/10 975
QUARTZ	2	1	XXXX	XXXX	XXXX	37
CHERT		2	TR	TR	X	2
FELDSPAR		3	X	X	X	2
MUSCOV.		4	X	X	X	1
BIOTITE		5	X	X	X	TR
CHLORITE		6	X	X	X	TR
METAM.		7			TR	3
VOLC.		8				0
CARB.		9	XXX	X	XX	5
GYPSUM		10				
OTHER		11	TL TR			
OTHER		12				
OTHER		13				
OTHER		14				
CB. TYPE		1				
INTRACL.	4	1				
OOIDS		2				
PELLETS		3				
ST. GRV.		4				
FOSSIL	5	1				
FOSSIL		2				
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2				
SUPPORT	8	1				
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
GG MATR.		5				
SD. GRADE	6	1	LF	LF	VF-F	F
MAX. GRN.		2				
SD. STG.		3	G	G	VG	G-VG
SD. RDG.		4	P	P	P	M
SD. CEMT.		5	[illegible]	[illegible]	[illegible]	[illegible]
HOR. LAM.	1	1	X	X	X	X
X-LAM.		2		X		
BIOTURB.		3				
OTHER		4				
OTHER		5				
OTHER		6				
COLOUR	2	1	[illegible]	GY, GN	RD, GN	
LITHOLOGY (GENERALIZED)	3	1	SL, SLTY	SS, SLTY	SS, [illegible]	SS
		2	[illegible]		[illegible]	
		3	[illegible]		SS, SLTY	
		4				
		5				
		6				

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4
SECTION	1	1	11-11-2	11-11-2	11-11-2	11-11-2
ROCK UN.		2	STA4THC	57A47HC	57847HC	57847HC
FROM		3	1713	1726	1756	1775
TO		4				
FIELD	2	1	11N-23-	14-28-7	11-75-7	1M-7Z-2 2ZM-
NUMBER		2	-12-7835	-R-751.5	-21-7871	-2-800
OSC NUMBER	3	1	C05[illegible]3473	C0536471	C05[illegible]4717	C025[illegible]718
QUARTZ	1	1	73	83	72	77
K-FSP.		2	3	5	3	3
PLAGIOCL.		3	1	TR	1	
MICA, IL.		4	1	1	4	2
CHL., KA.		5	3	2	3	3
CALCITE		6	15	6	14	10
DOLOMITE		7	4	3	4	3
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1		6	2	3
PL/PL+KF		2	22	20	27	30
D/D+C		3	19	27	27	21
ORG. C	3	1				
MIN. C		2				
CALCITE		3				
DOLOMITE		4				
ANALYS.	1		ED	EB	MO TS	310 PTG
QUARTZ	2	1	X X X X	X X X X		76
CHERT		2	TR	X		1
FELDSPAR		3	X	X		3
MUSCOV.		4	X	X		2
BIOTITE		5	X	X		2
CHLORITE		6	TR	TR		TR
METAM.		7	TR	TR		6
VOLC.		8				
CARB.		9	X X	X X		10
GYPSUM		10				
OTHER		11				
OTHER		12				
OTHER		13				
OTHER		14				
CB. TYPE	3	1				
INTRACL.	4	1				
OOIDS		2				
PELLETS		3				
CTD. GRN.		4				
FOSSIL	5	1				
FOSSIL		2				
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2				
SUPPORT	6	1				
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
CG. MATR.		5				
SD. GRADE	4	1	VF-F	VF-M	F	F
MAX. GRN.		2				
SD. STG.		3	S	G -VG		S
SD. RDG.		4	P			M
SD. CEMT.		5	CA, Q	Q		CA, Q
HOR. LAM.	1	1	X	X	X	X
X-LAM.		2	X			X
BIOTURB.		3				
OTHER		4				
OTHER		5				
OTHER		6				
COLOUR	2	1	RD	LGY-GN	RD	LGY-GN
		2				
LITHOLOGY (GENERALIZED)	3	1	SLTST	SS SW	SLT + SDY	SS
		2		LTY LM(?)		
		3		SS, SLTY		
		4				
		5				
		6				

SECTION	1	1	IL-5	
ROCK UN.		2	HECLA	
FROM		3	L/U	
TO		4		
FIELD	2	1	TM-73-J	
NUMBER		2	-3F 110	
WELL NUMBER		3	10 3 6M 1	
QUARTZ	1	1	98 K	
K-FSP.		2		
PLAGIOCL.		3		
MICA, IL.		4		
CHL., KA.		5	2	
CALCITE		6		
DOLOMITE		7		
GYPSUM		8		
OTHER		9		
OTHER		10		
F/F+Q	2	1	0	
PL/PL+KF		2		
D/D+C		3		
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.			ADD PTS	
QUARTZ	2	1	9½	
CHERT		2	2	
FELDSPAR		3	1	
MUSCOV.		4	TR	
BIOTITE		5	TR	
CHLORITE		6		
METAM.		7	1	
VOLC.		8		
CARB.		9		
GYPSUM		10		
OTHER		11	TR TR	
OTHER		12		
OTHER		13		
OTHER		14		
CLASTICS	3	1		
INTRACL.	4	1		
OOIDS		2		
PELLETS		3		
STD. GRN		4		
FOSSIL	5	1		
FOSSIL		2		
FOSSIL		3		
FOSSIL		4		
FOSSIL		5		
FOSSIL		6		
FOSSIL		7		
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2		
SUPPORT	8	1		
GR. GRADE		2		
GR/GR+MA		3		
GR. GRADE		4		
PHENOCL.	9	1		
PHENOCL.		2		
PHENOCL.		3		
PHENOCL.		4		
CL. MATS.		5		
SD. GRADE	10	1	F	
MAX. GRN.		2		
SD. STG.		3	V G	
SD. RDG.		4	G	
SD. CEMT		5		
PER. LAM.	1	1		
X-LAM.		2		
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	2	1	LGT	
LITHOLOGY (GENERALIZED)	3	1	SS	
		2		
		3		
		4		
		5		
		6		

Item	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-5	11-[illegible]	11-[illegible]	11-8	11-[illegible]
ROCK UN.		2	HECLA	HECLA	HECLA	HECLA	HECLA
FROM		3	[illegible]	337	115	115	424
TO		4					
FIELD	2	1	116-73-1	[illegible]-72-[illegible]	74-72-[illegible]	74-73-[illegible]	[illegible]-73-1
NUMBER		2	-18-145	-14-183	-41-209	-41-211	-[illegible]-225
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	29	85	94	7[illegible]	13
K-FSP.		2		3	3	1[illegible]	4
PLAGIOCL.		3					
MICA, IL.		4	6	3	1	3	1
CHL., KA.		5	5	2	2	3	2
CALCITE		6		4			
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	3	3	17	5
PL/PL+KF		2		0	0	0	0
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYST	1		ES	ES	ES	ES	302 RTS
QUARTZ	2	1	XXXX	XXXX	XXXX	XXXX	90
CHERT		2			X	TR	TR
FELDSPAR		3		X	X	XX	4
MUSCOV.		4	X	X	X	X	1
BIOTITE		5	TR	X	X	X	2
CHLORITE		6	TR	TR	TR	TR	1
METAM.		7			TR		2
VOLC.		8					
CARB.		9		X			
GYPSUM		10					
OTHER		11	ZC	TR PY	? TR	TL	TR
OTHER		12					
OTHER		13					
OTHER		14					
CE TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE		1	[illegible]	VF	F	F	F
MAX. GRN.		2					
SD. STG.		3		G	VG	G	V[illegible]
SD. RDG.		4		P	M	M	[illegible]
SD. CEMT		5		Q	Q	Q	Q
HOR. LAM.	1	1	X	Y	X	X	X
X-LAM.		2		Y	X		X
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	SS	SS	SS
		2					
		3					
		4					
		5					
		6					

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	11-5	11-5	11-[illegible]	11-5	11-5
ROCK UN.		2	HECLA	HECLA	HECLA	HECLA	HECLA
FROM		3	500	553	571	631	670
TO		4					
FIELD NUMBER	2	1	[illegible]-73-J	[illegible]-73-J	[illegible]-73-J	7[illegible]-73-J	[illegible]-73-J
		2	[illegible]-297[illegible]	-15-22	-15-516	-15-1016	-15-[illegible]
OBS. NUMBER	3		C00-3644	C00-3642	C00-3[illegible]	C00-3[illegible]-2[illegible]	C[illegible]-34

2/X-RAY, CARBON

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
QUARTZ	1	1	95	77	97X	75	95X
K-FSP.		2	2	TR?			
PLAGIOCL.		3					
MICA, IL.		4		3	3	2	2
CHL., KA.		5					
CALCITE		6					
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10			0	0	0
F/F+Q	2	1	2	?TR			
PL/PL+KF		2	0				
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					

3/MICROSCOPIC

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
ANALYS.	1		ES	ES	309 PTS		ES
QUARTZ	2	1	XXXX	XXXX	96	XXXX	XXXX
CHERT		2	X	X	3	X	X
FELDSPAR		3	X				
MUSCOV.		4	TR	TR	TR	TR	TR
BIOTITE		5		TR	TR		
CHLORITE		6		TR	1		TR
METAM.		7					
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11	TL	TR TL	TR TL	TR	
OTHER		12		PY	TR ZC	TR	
OTHER		13			PY	TR	
OTHER		14			KA	TR	
CE. TYPE	3						
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STR. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
FG MATR.							
SD. GRADE		1	M	M	M	VF-C	M-C
MAX. GRN.		2					S-VG
SD. STG.		3	G	VG	G	VG	M-G
SD. RDG.		4	G	[illegible]	G	[illegible]	G
SD. CEMT		5	Q				

4/MACROSCOPIC

Field	Card	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
HOR. LAM.	1	1			?	2	
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	SS	[illegible]	[illegible]

SECTION	II-5	II-5	II-5	II-5	II-5
ROCK UN.	HECLA	HECLA	HECLA	HECLA	HECLA
FROM	740	875	391	981	1153
TO					
FIELD NUMBER	11-73-D -15-3071	11-73-J -15-3444	11-73-J -15-3610	11-73-J -15-1460	11-73-3 -5-1829
DISC NUMBER	[illegible]	[illegible]	[illegible]	[illegible]	44
QUARTZ	98 X	94	96 X		
K-FSP.					
PLAGIOCL.		1			1
MICA, IL.					5
CHL., KA.	2	5	4		
CALCITE					
DOLOMITE					
GYPSUM					SD TR
OTHER					
OTHER					0
F/F+Q	0	0	0		
PL/PL+KF					
D/D+C					
ORG. C					
MIN. C					
CALCITE					
DOLOMITE					
ANALYS.	ABT PTS ES	ES	ES	ES	ES
QUARTZ	96	X X X X	X X X X	X X X X	X X X X
CHERT	2	X	X	X	X
FELDSPAR					X
MUSCOV.	TR	TR	TR	TR	
BIOTITE					TR
CHLORITE	1	TR	TR		TR
METAM.	TR	TR	TR	X	
VOLC.					
CARB.					
GYPSUM					
OTHER	TL / TR TL	TR			
OTHER	KA / 1 2C	TR			
OTHER					
OTHER					
SD. GRADE	U	F-M	M	M-G	F-M
MAX. GRN.	G				
SD. STG.	G	G-VG	G-VG	G	G
SD. RDG.	M-G	M-G	M-G	M-G	M-G
SD. CEMT.	Q, FF	C	Q, TF	S	S
HOR. LAM.	?	X	X	X	X
X-LAM.		X			
COLOUR	LLW, GN	LGY	LLW	LGY	LGY
LITHOLOGY (GENERALIZED)	SS	SS	SS	SS	SS

Section	Item	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1/GENERAL	SECTION	1	1	11-5	11-5	11-5	11-5	11-5
	ROCK UN.		2	HECLA	HECLA	HECLA	HECLA	HCLA
	FROM		3	1227	1283.5	1506	1209	1212
	TO		4					
	FIELD NUMBER	2	1	11N-73-3	11N-73-3	[illegible]-73-3	[illegible]-73-3	-1[illegible]-73-3
			2	75-1961	-5-7525	-5-775	-5-778	-1[illegible]-781
	GSC NUMBER	3	1	C0[illegible]	[illegible] 0364 41	C0[illegible]	[illegible] 36 443	C0[illegible]
2/X-RAY	QUARTZ	1	1	93		11	84	98
	K-FSP.		2					
	PLAGIOCL.		3					
	MICA, IL.		4			2	5	
	CHL., KA.		5	2		7	11	2
	CALCITE		6					
	DOLOMITE		7					
	GYPSUM		8					
	OTHER		9					SD TR
	OTHER		10					
	F/F+Q	2	1	0		0	0	0
	PL/PL+KF		2					
	D/D+C		3					
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1	1	ES	ES	ES	NO TS	301 PTS
	QUARTZ	2	1	XXXX	XXXX	XXXX		97
	CHERT		2	X	X			1
	FELDSPAR		3					
	MUSCOV.		4	X	TR	X		1
	BIOTITE		5					
	CHLORITE		6	TR	TR	TR		
	METAM.		7					1
	VOLC.		8					
	CARB.		9					
	GYPSUM		10					
	OTHER		11	SD X				SD X
	OTHER		12					TL TR
	OTHER		13					
	OTHER		14					
	[illegible] TYPE	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD GRN.		4					
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1		CHT X			CHT X
	PHENOCL.		2		SE} X			
	PHENOCL.		3		CHTY}			
	PHENOCL.		4					
	CG MATR.		5					
	SD. GRADE	10	1	F	C	VF		C
	MAX. GRN.		2					
	SD. STG.		3	G-VG	G (B/M)	G	-	VG (B/M)
	SD. RDG.		4	M	M-G	F		M-G
	SD. CEMT.		5	Q, FE, SD	Q	Q		Q, SD
4/MACROSCOPIC	HOR. LAM.	1	1	X			X	
	X-LAM.		2			?		
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	-	1	OR, BN	L GY	YL W	BD	YL, BN
	LITHOLOGY (GENERALIZED)	-	1	SS	SS, PBLY	SS, SLTY	SLT	SS, PBLY
			2					W. [illegible]
			3					[illegible]

Item	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	LL-5	11-5	11-5	LL 5	11-5-
ROCK UN.		2	7ECLA	dECLA	4ECLA	UECLA	HECLA
FROM		3	1320	1350	1374	1631	1826
TO		4					
FIELD	2	1	[illegible]-73-0	[illegible]-73-0	[illegible]-73-0	[illegible]-73-0	[illegible]-73-0
NUMBER		2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SPEC. NUMBER	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	98	[illegible]	96	97	98
K-FSP.		2					TR
PLAGIOCL.		3					
MICA, IL.		4		1			
CHL., KA.		5	2	5	4	1	2
CALCITE		6					
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	0	0	0	TR
PL/PL+KF		2					0
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		ES	ES	ES	VO TS	FS
QUARTZ	2	1	X X X X	X X X X	X X X X		X X X X
CHERT		2	X	TR	X		X X
FELDSPAR		3					
MUSCOV.		4	TR	X	X		TR
BIOTITE		5					TR
CHLORITE		6		TR	TR		TR
METAM.		7		X	TR		TR
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11	SD TR TL	TR			KA? TR
OTHER		12	ZC TR EC	TR			
OTHER		13	TL TR				
OTHER		14					
GR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
ST. D. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1	CHT X			CHT X	
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	5	1	M-C	F	F	M	M
MAX. GRN.		2					
SD. STG.		3	G (BIM)	M	VG	G (BIM)	VG (BIM)
SD. RDG.		4	M-G	M	M		M-G
SD. CEMT.		5	Q, FE	Q	Q	Q	Q, FE
HOR. LAM.	1	1		X			
X-LAM.		2					
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY, LBY	LGY	LGY	LBT-YLW	YLW
COLOUR		2					
LITHOLOGY (GENERALIZED)	3	1	SS, [illegible]		SS	SS, [illegible]	SS [illegible]
		2					
		3					
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	H-5	H-5			
ROCK UN.		2	HECLA	HECLA			
FROM		3	1562	1729			
TO		4					
FIELD	2	1	11N-73-2	11N-73-D	11N-	11N-	11N-
NUMBER		2	-15-113K	-[illegible]			
GSC NUMBER	3	1	[illegible]				
QUARTZ	1	1	97	98			
K-FSP.		2					
PLAGIOCL.		3					
MICA, IL.		4					
CHL., KA.		5	3	2			
CALCITE		6					
DOLOMITE		7					
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0	0			
PL/PL+KF		2					
D/D+C		3					
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		3.0.8 PETTS 83				
QUARTZ	2	1	99	XXXX			
CHERT		2	1	X			
FELDSPAR		3					
MUSCOV.		4	TR	TR			
BIOTITE		5					
CHLORITE		6	TR				
METAM.		7	TR	TR			
VOLC.		8					
CARB.		9					
GYPSUM		10					
OTHER		11	TL	TR			
OTHER		12					
OTHER		13					
OTHER		14					
CL. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+NA		3					
NA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GR. MATR.		5					
SD. GRADE	0	1	M	M			
MAX. GRN.		2					
SD. STG.		3	G-VG	G-VG			
SD. RDG.		4	M-G	M-G			
SD. CEMT.		5	[illegible]	[illegible]			
HOR. LAM.	1	1					
X-LAM.		2	X				
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	L-N	[illegible]			
		2					
LITHOLOGY (GENERALIZED)	3	1					
		2					
		3					
		4					

Field	Group	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	12-1	12-1	12-1	12-1	12-1
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	6	23	24	69	70
TO		4					
FIELD	2	1	IH 73-M	IH 73-M	IH 73-M	IH 73-M	IH 73-M
NUMBER		2	-6	-23	-24	-69	-70
OGU NUMBER	3	1	C036473	C036474	C036475	C036476	C036477
QUARTZ	1	1	16	5	26	32	4
K-FSP.		2	2		2	2	4
PLAGIOCL.		3	1	1		1	1
MICA, IL.		4	1		1	1	
CHL., KA.		5	1				
CALCITE		6	5	5			
DOLOMITE		7	74	89	7[illegible]	61 *	91 *
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	17	15	7	7	56
PL/PL+KF		2	32	100	0	0	24
D/D+C		3	94	94	100	100	100
ORG. C	3	1	.	.	0.08	.	.
MIN. C		2	.	.	7.51	.	.
CALCITE		3			0		
DOLOMITE		4			53		
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X X	X	X X X	X X X	X
CHERT		2	TR		TR	TR	X
FELDSPAR		3	X	TR	X	X	X
MUSCOV.		4	X		X	X	X
BIOTITE		5	TR		TR	X	TR
CHLORITE		6	TR			TR	
METAM.		7					
VOLC.		8					
CARB.		9	X X X X	X X X X	X X X X	X X X X	X X X X
GYPSUM		10					
OTHER		11	ZC TR		ZC TR	ZC TR	
OTHER		12	TL TR		TL TR	TL TR	
OTHER		13					
OTHER		14					
CB. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1	DLST X	DLST X		DLST X	DLST X
PHENOCL.		2	DLST, X			CHT X	DLST, X
PHENOCL.		3	STY, SDY				STY,
PHENOCL.		4	DOL	DOL		DOL	SDY
CG. MATR.		5	SLT SD	SLT, SD		SLT, SD	DOL, SLT SD
SD. GRADE	4	1	VH	VF	VF	VF	VF
MAX. GRN.		2					
SD. STG.		3			G		
SD. RDG.		4			P-M	P-M	
SD. CEMT.		5			CB	CB, Q	
HOR. LAM.	1	1			X	X	
X-LAM.		2			X		
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY, RD	LGY, RD	LGY-YLW	LGY, GM,	LGY, GM,
		2				RD, BM	RD, BM
LITHOLOGY	3	1	PDCM	PBCG	OGAP	GRNCEL	PBCG
GY		2	SLY, SDY	STY, SDY	STY, SLY	K ITLAH	STY, SDY
(GENERA-		3				SS, STY	
LIZED)		4					

Field	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	12-1	12-1	12-1	12-1	12-1
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	95	205	221	229	230
TO		4					
FIELD	2	1	MN-73-M	MN-73-M	MN-73-M	MN-73-M	MN-73-M
NUMBER		2	-95	-1205	-1221	-1229	-1230
GSC NUMBER	3	1	C036478	C036479	C036480	C036481	C036482
QUARTZ	1	1	23	32	70	15	30
K-FSP.		2	2	2	6	3	18
PLAGIOCL.		3	2	1	5	1	3
MICA, IL.		4	1	1		1	3
CHL., KA.		5					2
CALCITE		6			2		
DOLOMITE		7	72X	64	17	80	41
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	1.7	10	13	23	41
PL/PL+KF		2	51	28	46	26	15
D/D+C		3	100	100	90	100	100
ORG. C	3	1	.	.	0.13	.	0.09
MIN. C		2	.	.	2.41	.	4.49
CALCITE		3			1		0
DOLOMITE		4			17		34
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXX	XXX	XXXX	XX	XXX
CHERT		2	TR	X	X	X	XX
FELDSPAR		3	X	X	XY	Y	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	TR				X
CHLORITE		6					
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XX	XXXX	XXX
GYPSUM		10					
OTHER		11	ZC / TR ZC	TR		ZC / TR ZC	TR
OTHER		12	TL / TR			TL / TR	
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2					
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1	DLST				
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4	DOL				
CG. MATR.		5	SLT, SD				
SD. GRADE	1	1	VF	VF	VF	FF	VF
MAX. GRN.		2					
SD. STG.		3		VG	VG	G	G
SD. RDG.		4			P-H	P - M	P
SD. CEMT.		5		Q, CB	Q, CB	CB	CB
HOR. LAM.	1	1		X	X	X	X
X-LAM.		2			X		
BIOTURB.		3					
OTHER		4		HVY MIN			
OTHER		5		LAM			
OTHER		6					
COLOUR	1	1	LGY, GN	LGY, GN	RD	LGY	GN
LITHOLOGY (GENERALIZED)	3	1	DOLAR	DOLAR	SS	DOLAR	SS STY
		2	GRNCG	SLT SDY		SPNCG	V T TLA
		3	PBCS	V ILAM		S L SDY	SLT SD
		4	STY SDY	CG SLT		V ILAM	
		5				SS STY	
		6					

Field	No.	Item	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	12-2	12-2	12-2	12-2	12-2
ROCK UN.		2	VENDOM	VENDOM	VENDON	VENDOM	VENDOM
FROM		3	1[illegible]3	183	210	212	222
TO		4					
FIELD NUMBER	2	1	1M-73-N	1M-73-N	1M-73-N	1M-73-N	1M-73-N
		2	-3	-6	-30	-32	-42
DISC NUMBER	3	1	C036483	C036484	C036485	C036486	C036487
QUARTZ	1	1	3	17	6	69	44
K-FSP.		2	1	2		3	4
PLAGIOCL.		3	1	1		1	1
MICA, IL.		4		1		5	1
CHL., KA.		5		1		3	18
CALCITE		6		7	1		
DOLOMITE		7	95	71	93	17	32
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	46	15	0	46	9
PL/PL+KF		2	50	42		37	0
D/D+C		3	100	91	99	95	64
ORG. C	3	1					0.[illegible]0
MIN. C		2					4.00
CALCITE		3					11
DOLOMITE		4					21
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	X	XX	XX	XXXX	XXX
CHERT		2			X		TR
FELDSPAR		3	X	X		X	X
MUSCOV.		4		X	TR	X	X
BIOTITE		5		TR		X	X
CHLORITE		6		TR		X	TR
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XX	XXX
GYPSUM		10				3C TKTL	TR
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CB. TYPE	3	1				G	G
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF				
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1		DLST	A DOLST	A	
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4		DOL	DOL		
CG. MATR.		5		SD, SLT	SD, SLT		
SD. GRADE	10	1		VF-F	VF	VF	VF-M
MAX. GRN.		2			C		M
SD. STG.		3				G	M (BIM)
SD. RDG.		4				P	P-M
SD. CEMT.		5				Q, CB	CB
HOR. LAM	1	1				X	X
X-LAM.		2					
BIOTURB.		3					
OTHER		4	BDSEYE				
OTHER		5					
OTHER		6					
COLOUR	2	1	GN	LGY, LGN,	LGY, GN,	GN	LGY-GN
		2		RDI	R		
LITHOLOGY (GENERALIZED)	3	1	DLST /	DCG,	FCG	SS, DTY	SS, DTY
		2	STY	SDY, LTY		V TTLAM	
		3				SLT, SDY	
		4					
		5					
		6					

Field		1	2	3	4	5
SECTION	1	12-2	12-2	12-2	12-2	12-2
ROCK UN.	2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM	3	260	267	268	306	314
TO	4					
FIELD NUMBER	1–2	M-73-N-180	M-73-N-87	M-73-N-58	M-73-N-126	M-75-N-134
GSC NUMBER	1	C036488	C036489	C036470	C036491	C036472
QUARTZ	1	66	69	11	50	58
K-FSP.	2	7	4	1	5	8
PLAGIOCL.	3		2	1	1	4
MICA, IL.	4		3	1	1	2
CHL., KA.	5		2	1	1	1
CALCITE	6	2	1			4
DOLOMITE	7	25	19	85	42	23
GYPSUM	8					
OTHER	9					
OTHER	10					
F/F+Q	1	10	8	16	11	17
PL/PL+KF	2	0	37	45	14	35
D/D+C	3	93	94	100	98	84
ORG. C	1					.05
MIN. C	2					3.51
CALCITE	3					4
DOLOMITE	4					24
ANALYS.		EST	NO TS	EST	EST	EST
QUARTZ	1	XXXX		XX	XXXX	XXXX
CHERT	2	TR		TR	TR	TR
FELDSPAR	3	X		X	X	XX
MUSCOV.	4	X		X	X	X
BIOTITE	5	TR		TR	TR	X
CHLORITE	6			TR	TR	TR
METAM.	7					
VOLC.	8					
CARB.	9	XXX		XXXX	XXXX	XXX
GYPSUM	10					
OTHER	11	TL TR				
OTHER	12					
OTHER	13					
OTHER	14					
CB. TYPE		G			G, M	G
INTRACL.	1					
OOIDS	2					
PELLETS	3					
CTD. GRN	4					
FOSSIL	1–8					
D/D+C	1					
D. GRADE	2					
SUPPORT	1					
GR. GRADE	2					
GR/GR+MA	3					
MA. GRADE	4					
PHENOCL.	1			DLST	A	
PHENOCL.	2					
PHENOCL.	3			(DOL		
PHENOCL.	4					
CG MATR.	5			SLT, SD		
SD. GRADE	1	VF		VF-F	VF	VF
MAX. GRN.	2					
SD. STG.	3	G			G	VG
SD. RDG.	4	P-M			P	P
SD. CEMT	5	CB			CB	G, CB
HOR. LAM.	1	X			X	X
X-LAM.	2	X				
BIOTURB.	3					
OTHER	4					
OTHER	5					
OTHER	6					
COLOUR	1	RD	RD	LGY, RD, GN	LGY, GN	LGY
LITHOLOGY (GENERALIZED)	1	SS, SLY	SS, SLY	GRNCG- PCLS	SS, SLY	SS, SLY

Field	Card	Row	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	12-2	12-2	12-2	12-2	12-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	318	350	356	377	493
TO		4					
FIELD	2	1	IH-73-N	IH-73-N	IC-73-N	IH-73-V	IM-73-N
NUMBER		2	-138	-170	-176	-197	-315
GSC NUMBER	3	1	C036493	C036494	C036495	C036496	C036497
QUARTZ	1	1	40	16	36	9	17
K-FSP.		2	3	2	6	2	2
PLAGIOCL.		3	3		8	2	2
MICA, IL.		4	2	3	5		2
CHL., KA.		5	1		3		
CALCITE		6		3	2	18	
DOLOMITE		7	51	76	40	69	77
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	13	10	29	28	21
PL/PL+KF		2	50	0	56	50	45
D/D+C		3	100	96	95	77	100
ORG. C	3	1				0.05	
MIN. C		2				11.31	
CALCITE		3				16	
DOLOMITE		4				72	
ANALYS.	1	1	EST	EST	EST	EST	EST
QUARTZ	2	1	X X X	X X	X X X	X X	X X
CHERT		2	TR	TR	TR		TR
FELDSPAR		3	X	X	X X	X	X
MUSCOV.		4	X	X	X	X	X
BIOTITE		5	X	TR	X	TR	TR
CHLORITE		6	TR		X		
METAM.		7					
VOLC.		8					
CARB.		9	X X X	X X X X	X X X	X X X X	X X X X
GYPSUM		10					
OTHER		11		TL TR			
OTHER		12					
OTHER		13					
OTHER		14					
GR. TYPE	3	1			M		
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2		CR		CR-VF	CR-F
SUPPORT	6	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GG. MATR.		5					
SD. GRADE	4	1	VF	VF	VF	VF	VF-F
MAX. GRN.		2					
SD. STG.		3	G		G	G	
SD. RDG.		4	P		P-M	P	
SD. CEMT.		5	CB, Q		CB, Q	CB	
HOR. LAM.	1	1	X		X	X	
X-LAM.		2	X				
BIOTURB.		3			?		?
OTHER		4			VNDUL	BDSEYE?	SOLZN
OTHER		5					
OTHER		6					
COLOUR	1	1	LGY, RD	LGY-GN	GN	LGY	MGY
		2					
LITHOLOGY (GENERALIZED)	3	1	SS, SLTY,	DOLST,	DOLST,	DOLST,	DOLST,
		2	V TTLAM	STY, STY	STY, SDY	SLTY, SDY	STY, SDY
		3	DOLSLT,		W LAM	W LENS	
		4			SS, STY	OF SS	
		5					
		6					

SLCTION	1	1	12-2	12-2	12-2	12-2	12-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	520	572	568	728	739
TO		4					
FIELD	2	1	14-73-N	14-73-N	14-73-N	14-73-N	14-73-N
NUMBER		2	-3-10	-3-12	-2-10	-548	-559
DSC. NUMBER	3	1	C0344	C0369	C0316	C0360	C0362
QUARTZ	1	1	17	6	4	62	26
K-FSP.		2	2		2	3	2
PLAGIOCL.		3	2	2	3	5	3
MICA, IL.		4	2		1	3	3
CHL., KA.		5	1			4	3
CALCITE		6		1	2		
DOLOMITE		7	74	91	67	23	63
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	17	22	40	12	14
PL/PL+KF		2	53	100	48	65	61
D/D+C		3	100	99	98	100	100
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	XX	XXX	XXXX	XXX
CHERT		2		TR			
FELDSPAR		3	X	X	X	X	X
MUSCOV.		4	X		X	X	X
BIOTITE		5	TR		TR	X	X
CHLORITE		6	TR			X	X
METAM.		7					
VOLC.		8					
CARB.		9	XXXX	XXXX	XXXX	XXXX	XXXX
GYPSUM		10					
OTHER		11			TI	TR	
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	8	1		DLIST 2		GRAD	
INTRACL	9	1					
OOIDS		2					
PELLETS		3					
CTD. GRN.		4					
FOSSIL	5	1	BRACH	XPARTH 2			
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF	CR-VF	CR-EMIC		CR-EMIC
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	10	1	VF	VF-F	VF-F	VF	
MAX. GRN.		2					
SD. STG.		3					
SD. RDG.		4					
SD. CMT		5					X
HOR. LAM	1	1				X	
X-LAM.		2				Y	
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR	2	1	LGY	LGY	LGY	LGY-GRM	RB
LITHOLO-	3	1	LIST	DLIST	LIST	SCHIST	DLIST
GY		2	SDY	SDY	SDY	SDY	SDY
(GENERA		3					
LIZED)		4					
		5					
		6					

Item	Group	Line	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	12-2	12-2	12-2	12-2	12-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	772	782	788	811	832
TO		4					
FIELD	2	1	1H-72-M	1H-73-N	1H-73-M	1H-73-M	-M-73-M
NUMBER		2	-592	-602	-608	-631	-652
OSC NUMBER	3	1	C036503	C036504	C036505	C036506	C036507
QUARTZ	1	1	8		5	57	35
K-FSP.		2				3	3
PLAGIOCL.		3				8	6
MICA, IL.		4				4	5
CHL., KA.		5				2	1
CALCITE		6	76		58	26	4
DOLOMITE		7	16	100	37		25
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	0		0	15	15
PL/PL+KF		2				74	59
D/D+C		3	100		100	100	86
ORG. C	3	1					0.06
MIN. C		2					3.36
CALCITE		3					3
DOLOMITE		4					2.3
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XX	X	X	XXXX	XXXX
CHERT		2				TR	TR
FELDSPAR		3				XX	XX
MUSCOV.		4	TR		TR	X	X
BIOTITE		5	TR		TR	X	X
CHLORITE		6				X	TR
METAM.		7					
VOLC.		8	XXXX		XXXX	XXX	XXX
CARB.		9	XX	XXXX	XX		TR
GYPSUM		10			ZA / TR		TL
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CR. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3	X				
CTD. GRN.		4					
FOSSIL	5	1	FARTH X				
FOSSIL		2	OSTR Y				
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2	CR-VF		CR-FMIC		
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
GR. MATR.		5					
SD. GRADE	4	1	VF		VF-F	VF	VF
MAX. GRN.		2				G	G
SD. STG.		3				P-M	P
SD. RDG.		4				CB	Q, CB
SD. CEMT		5			X		X
HOR. LAM.	1	1					
X-LAM.		2				2	
BIOTURB.		3					
OTHER		4	SCLZN		UNDUL		
OTHER		5					
OTHER		6	GYPS XS				
COLOUR	2	1	LGY	LGY	LGY	BN	LGY
		2					
LITHOLOGY (GENERALIZED)	3	1	DLST	GYPS	DLST	SS, SLTY	SS, SLTY
		2	STY, SDY		[illegible]		
		3			SLTY, SDY		
		4					
		5					
		6					

Field	Card	Line	Sample 1	Sample 2	Sample 3	Sample 4
SECTION	1	1	12-2	12-2	12-2	12-2
ROCK UN.		2	VENDOM	VENDOM	VENDOM	VENDOM
FROM		3	839	840	866	295
TO		4				
FIELD NUMBER	2	1	7?-72-N	?-73-N	?-73-?	?-73-4
		2	-1659	-660	-686	-715
GSC NUMBER	3	1	C036508	C036509	C036510	C036511
QUARTZ	1	1	11	11	9	9
K-FSP.		2	3	6	1	1
PLAGIOCL.		3	3	8	1	1
MICA, IL.		4	3	5	1	1
CHL., KA.		5	1	3		
CALCITE		6	1		6	38
DOLOMITE		7	48	7	82	50
GYPSUM		8				
OTHER		9				
OTHER		10				
F/F+Q	2	1	12	17	17	21
PL/PL+KF		2	55	57	67	50
D/D+C		3	97	100	94	57
ORG. C	3	1				
MIN. C		2				
CALCITE		3				
DOLOMITE		4				
ANALYS.	1		EST	NO TS	EST	EST
QUARTZ	2	1	XXX		XX	XX
CHERT		2	TR			TR
FELDSPAR		3	X		X	X
MUSCOV.		4	X		X	X
BIOTITE		5	X		TR	TR
CHLORITE		6	TR			
METAM.		7				
VOLC.		8				
CARB.		9	XXX		XXXX	XXXX
GYPSUM		10				
OTHER		11	TL; TR			
OTHER		12	3C; TR			
OTHER		13				
OTHER		14				
GR. TYPE		1				
INTRACL.		1				
OOIDS		2				
PELLETS		3				
CTD. GRN.		4				
FOSSIL	5	1				
FOSSIL		2				
FOSSIL		3				
FOSSIL		4				
FOSSIL		5				
FOSSIL		6				
FOSSIL		7				
FOSSIL		8				
D/D+C	7	1				
D. GRADE		2	FM/C-VF		CR-VF	FM/C-VF
SUPPORT	8	1				
GR. GRADE		2				
GR/GR+MA		3				
MA. GRADE		4				
PHENOCL.	9	1				
PHENOCL.		2				
PHENOCL.		3				
PHENOCL.		4				
CG MATR.		5				
SD. GRADE		1	VF	VF	VF	VF
MAX. GRN.		2				
SD. STG.		3	G			
SD. RDG.		4	F			
SD. CEMT		5	SB			
HOR. LAM.	1	1		X		X
X-LAM.		2				
BIOTURB.		3				
OTHER		4	SOLZN		BRC	
OTHER		5				
OTHER		6				
COLOUR		1	FN	BU	LGY-YLW	LGY-YLW
LITHOLOGY (GENERALIZED)	1	1	DLST,	SLT, SDY	DLST,	DLST,
		2	SLY, SDY		SLTY, SDY	SLTY, SDY
		3	LSS, STY			
		4	, CARBCN			
		5				
		6				

	Card	Col.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION	1	1	13	13	13	13	1[illegible]
ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
FROM		3	55	56	86	18	323
TO		4					
FIELD NUMBER	2	1–2	TM-73-L-3[illegible]	TM-73-L-510	TM-73-L-136	TM-73-L-773	TM-73-L-323
GSC NUMBER	3	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUARTZ	1	1	71	27	66	26	73
K-FSP.		2	5	4	4	10	[illegible]
PLAGIOCL.		3	2	1	2		
MICA, IL.		4	8	2	6	2	6
CHL., KA.		5	2	2	3	1	3
CALCITE		6			1	2	2
DOLOMITE		7	12	64	14	9	12
GYPSUM		8					
OTHER		9					
OTHER		10					
F/F+Q	2	1	[illegible]	14	15	12	7
PL/PL+KF		2	31	20	16	6	0
D/D+C		3	100	100	91	83	86
ORG. C	3	1					
MIN. C		2					
CALCITE		3					
DOLOMITE		4					
ANALYS.	1		EST	EST	EST	EST	EST
QUARTZ	2	1	XXXX	XXX	XXXX	XXXX	XXXX
CHERT		2			X	X	
FELDSPAR		3	X	X	XX	XX	X
MUSCOV.		4	XX	X	X	X	X
BIOTITE		5	TR			TR	
CHLORITE		6	?	?	?	TR	?
METAM.		7					
VOLC.		8					
CARB.		9	XX	XXXX	XX	XX	XX
GYPSUM		10					
OTHER		11					
OTHER		12					
OTHER		13					
OTHER		14					
CE. TYPE	3	1					
INTRACL.	4	1					
OOIDS		2					
PELLETS		3					
STD. GRN.		4					
FOSSIL	5	1					
FOSSIL		2					
FOSSIL		3					
FOSSIL		4					
FOSSIL		5					
FOSSIL		6					
FOSSIL		7					
FOSSIL		8					
D/D+C	7	1					
D. GRADE		2		FMIC			
SUPPORT	8	1					
GR. GRADE		2					
GR/GR+MA		3					
MA. GRADE		4					
PHENOCL.	9	1					
PHENOCL.		2					
PHENOCL.		3					
PHENOCL.		4					
CG. MATR.		5					
SD. GRADE	6	1	VF	VF	VF	VF+CSI	VF
MAX. GRN.		2			C		
SD. STG.		3			M	P (BIM)	
SD. RDG.		4				P	
SD. CEMT.		5				R, CB	
HOR. LAM.	1	1	X		X		
X-LAM.		2	X		?		?
BIOTURB.		3					
OTHER		4					
OTHER		5					
OTHER		6					
COLOUR		1	[illegible]	[illegible]	[illegible]	LGY	[illegible]
LITHOLOGY (GENERALIZED)	3	1–6	SILT, SNDY	[illegible]	[illegible] SDY	[illegible]	[illegible] DY

				Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
GENERAL	SECTION	1	1	13	13	13	13	13
	ROCK UN.		2	STRATHC	STRATHC	STRATHC	STRATHC	STRATHC
	FROM		3	277	563	561	228	222
	TO		4					
	FIELD	2	1	74-73-L	74-73-L	74-73-L	74-73-L	74-73-L
	NUMBER		2	-1377	-1563	-1561	-1725	-1802
	[illegible] NUMBER	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2/X-RAY, CARBON	QUARTZ	1	1	43	32	68	13	8
	K-FSP.		2	4	1	5	4	
	PLAGIOCL.		3		2		1	3
	MICA, IL.		4	2	6	1		2
	CHL., KA.		5		36	25		
	CALCITE		6				1	2
	DOLOMITE		7	1			1	
	GYPSUM		8					
	OTHER		9					
	OTHER		10					
	F/F+Q	2	1	6	7	6	4	7
	PL/PL+KF		2	0	6	0	0	0
	D/D+C		3	100	10	2	55	0
	ORG. C	3	1					
	MIN. C		2					
	CALCITE		3					
	DOLOMITE		4					
3/MICROSCOPIC	ANALYS.	1		EST	EST	EST	EST	EST
	QUARTZ	2	1	X X X X	X X X X	X X X X	X X X X	X X X X
	CHERT		2	X			X	X
	FELDSPAR		3	X	X	X	X	X
	MUSCOV.		4	X	X	X	X	X
	BIOTITE		5		X			TR
	CHLORITE		6				X	X
	METAM.		7	X				
	VOLC.		8				X	X
	CARB.		9	TR	X X X	X X X		
	GYPSUM		10				ZC	TR
	OTHER		11				TL	TR
	OTHER		12					
	OTHER		13					
	OTHER		14					
	[illegible]	3	1					
	INTRACL.	4	1					
	OOIDS		2					
	PELLETS		3					
	STD. GRN.		4					
	FOSSIL	5	1					
	FOSSIL		2					
	FOSSIL		3					
	FOSSIL		4					
	FOSSIL		5					
	FOSSIL		6					
	FOSSIL		7					
	FOSSIL		8					
	D/D+C	7	1					
	D. GRADE		2					
	SUPPORT	8	1					
	GR. GRADE		2					
	GR/GR+MA		3					
	MA. GRADE		4					
	PHENOCL.	9	1					
	PHENOCL.		2					
	PHENOCL.		3					
	PHENOCL.		4					
	CG. MATR.		5					
	SD. GRADE	10	1	F	VF	VF	F	VF-F
	MAX. GRN.		2					
	SD. STG.		3	VW		G	G	G
	SD. RDG.		4	M		M	M	M
	SD. CEMT.		5			[illegible]	C	S
4/MACROSCOPIC	HOR. LAM.	1	1	X		X		X
	X-LAM.		2					
	BIOTURB.		3					
	OTHER		4					
	OTHER		5					
	OTHER		6					
	COLOUR	2	1	[illegible]	GW	YLW	[illegible]	[illegible]
	LITHOLOGY (GENERALIZED)	3	1	[illegible]	[illegible]	SLTY	[illegible]	SD

SECTION	1	1	LSI
ROCK UN.		2	STRATHS
FROM		3	2/2
TO		4	
FIELD	2	1	IN-1/2-L14-
NUMBER		2	2/2
[illegible] NUMBER	3	1	[illegible]
QUARTZ	1	1	VTR
K-FSP.		2	3
PLAGIOCL.		3	
MICA, IL.		4	1
CHL., KA.		5	
CALCITE		6	1
DOLOMITE		7	TR
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	
PL/PL+KF		2	0
D/D+C		3	40
ORG. C	3	1	
MIN. C		2	
CALCITE		3	
DOLOMITE		4	
ANALYS.	1		FAST
QUARTZ	2	1	XXXX
CHERT		2	XX
FELDSPAR		3	X
MUSCOV.		4	X
BIOTITE		5	
CHLORITE		6	
METAM.		7	TR
VOLC.		8	
CARB.		9	
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
[illegible]	3	1	
INTRACL.	4	1	
OOIDS		2	
PELLETS		3	
CTD. GRN.		4	
FOSSIL	5	1	
FOSSIL		2	
FOSSIL		3	
FOSSIL		4	
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/D+C	7	1	
D. GRADE		2	
SUPPORT	8	1	
GR. GRADE		2	
GR/GR+NA		3	
NA. GRADE		4	
PHENOCL.	9	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
C.G. MATR.		5	
SD. GRADE	6	1	F-M
MAX. GRN.		2	
SD. STG.		3	
SD. RDG.		4	M-G
SD. CEMT		5	
HOR. LAM.	1	1	
X-LAM.		2	
BIOTURB.		3	
OTHER		4	
OTHER		5	
OTHER		6	
COLOUR	2	1	GRAY
		2	
LITHOLOGY (GENERALIZED)	3	1	[illegible]
		2	
		3	
		4	
		5	
		6	

Field	Card	Line	Entry
SECTION	1	1	73-319a
ROCK UN.		2	AB-RB
FROM		3	
TO		4	
FIELD	2	1	14-73-
NUMBER		2	319a 1-1
CELL NUMBER		1	C036557
QUARTZ	1	1	25
K-FSP.		2	3
PLAGIOCL.		3	1
MICA, IL.		4	5
CHL., KA.		5	2
CALCITE		6	41
DOLOMITE		7	20
GYPSUM		8	
OTHER		9	
OTHER		10	
F/F+Q	2	1	12
PL/PL+KF		2	27
D/D+C		3	30
ORG. C	3	1	
MIN. C		2	
CALCITE		3	
DOLOMITE		4	
ANALYS.			
QUARTZ	2	1	X X X
CHERT		2	TR
FELDSPAR		3	X
MUSCOV.		4	X
BIOTITE		5	
CHLORITE		6	X
METAM.		7	
VOLC.		8	
CARB.		9	X X X X
GYPSUM		10	
OTHER		11	
OTHER		12	
OTHER		13	
OTHER		14	
[illegible]	3	1	
INTRACL.	4	1	
OOIDS		2	
PELLETS		3	
STD. GRN.		4	
FOSSIL	5	1	BRACH X
FOSSIL		2	ECH X
FOSSIL		3	OSTR X
FOSSIL		4	
FOSSIL		5	
FOSSIL		6	
FOSSIL		7	
FOSSIL		8	
D/D+C	7	1	
D. GRADE		2	
SUPPORT	8	1	M
GR. GRADE		2	
GR/GR+MA		3	
MA. GRADE		4	
PHENOCL.	9	1	
PHENOCL.		2	
PHENOCL.		3	
PHENOCL.		4	
CG MATR.		5	
SD. GRADE	0	1	VF
MAX. GRV.		2	
SD. STG.		3	
SD. RDG.		4	
SD. CEMT.		5	
HOR. LAM.	1	1	
X-LAM.		2	
BIOTURB.		3	
OTHER		4	
OTHER		5	
OTHER		6	
COLOUR	2	1	
LITHOLOGY (GENERALIZED)	3	1	LIMEST
		2	SILY [illegible] DY
		3	
		4	
		5	
		6	

Field	Card	Line	Sample 1	Sample 2
SECTION	1	1	73-3L9a	73-319a
ROCK UN.		2	RD.C.	RD.C.
FROM		3		
TO		4		
FIELD NUMBER	2	1	TH-73-	TH-73-
		2	319a3-1	3319a3
[illegible] NUMBER	11	1	C036500	C036563
X-RAY/CARBON: QUARTZ	1	1	53 *	65 *
K-FSP.		2	6	6
PLAGIOCL.		3	0	0
MICA, IL.		4	5	6
CHL., KA.		5	2	3
CALCITE		6	10	0
DOLOMITE		7	24	22
GYPSUM		8		
OTHER		9		
OTHER		10		
F/F+Q	2	1	0	0
PL/PL+KF		2	71	100
D/D+C		3		
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.			ES	ES
			X X X X	X X X X
QUARTZ	2	1		
CHERT		2		
FELDSPAR		3	X X	X X
MUSCOV.		4	X	X
BIOTITE		5	X	X
CHLORITE		6	X	X
METAM.		7		
VOLC.		8	X X X	X X X
CARB.		9		
GYPSUM		10		
OTHER		11		
OTHER		12		
OTHER		13		
OTHER		14		
[illegible] TYPE	13	1		
INTRACL.	4	1		
OOIDS		2		
PELLETS		3		
CTD. GRN.		4		
FOSSIL	5	1		
FOSSIL		2		
FOSSIL		3		
FOSSIL		4		
FOSSIL		5		
FOSSIL		6		
FOSSIL		7		
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2		
SUPPORT	6	1		
GR. GRADE		2		
GR/GR+MA		3		
MA. GRADE		4		
PHENOCL.	9	1		
PHENOCL.		2		
PHENOCL.		3		
PHENOCL.		4		
CG MATS.		5		
SD. GRADE	0	1	VF	VF
MAX. GRN.		2		
SD. STG.		3		
SD. RDG.		4		
SD. CEMT.		5		
HOR. LAM.	1	1	X X	X
X-LAM.		2		
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	3	1	YLW-OR	RD
LITHOLOGY (GENERALIZED)	3	1	SLT, SDY	SLT, SDY
		2	-SD, SLTY	-SD, SLTY
		3		
		4		
		5		
		6		

SECTION	1	1	73-31	
ROCK NO.		2	VENDO11	
FROM		3		
TO		4		
FILLD	2	1	1N-73-	1N-
NUMBER		2	3719a4-12	
TOTAL NUMBER	3	1		
QUARTZ	1	1	X	
K-FSP.		2	TR	
PLAGIOCL.		3		
MICA, IL.		4		
CHL., KA.		5		
CALCITE		6		
DOLOMITE		7		
GYPSUM		8		
OTHER		9		
OTHER		10		
F/F+Q	2	1		
PL/PL+%F		2		
D/D+C		3		
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.	1		E.S.	
QUARTZ	2	1	X	
CHERT		2		
FELDSPAR		3	TR	
MUSCOV.		4	TR	
BIOTITE		5	TR	
CHLORITE		6		
METAM.		7		
VOLC.		8		
CARB.		9	XXXX	
GYPSUM		10		
OTHER		11		
OTHER		12		
OTHER		13		
OTHER		14		
B.-GRAIN	3	1		
INTRACL.	4	1		
OOIDS		2		
PELLETS		3		
CTD. GRN.		4		
FOSSIL	5	1	BRACH X	
FOSSIL		2	BRYO X	
FOSSIL		3	ECH. X	
FOSSIL		4	TRIL X	
FOSSIL		5	MASTR X	
FOSSIL		6	ASTR X	
FOSSIL		7	STRTP X	
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2		
SUPPORT	8	1		
GR. GRADE		2		
GR/GR+MA		3		
MA. GRADE		4		
PHENOCL.	9	1	FOSS X	
PHENOCL.		2	LIST X	
PHENOCL.		3	LIST	
PHENOCL.		4	STYL X	
CG. MATR.		5	SDY	
SD. GRADE	10	1		
MAX. GRN.		2		
SD. STG.		3		
SD. RDG.		4		
SD. CEMT		5		
NOR. LAM.	1	1		
X-LAM.		2		
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	2	1		
LITHOLO-	3	1	C.G.	
GY		2		
(GENERA		3		
LIZED)		4		
		5		
		6		

1	SECTION	TYPE EIDS	TYPE EIDS	TYPE EIDS	TYPE EIDS	TYPE EIDS
2	ROCK UN.	L. PART	L. MID.	L. MID	L. MID.	L. MID.
3	FROM					
4	TO					
2 1	FIELD	1 11 - 73 -	1 11 - 73 -	11 73 -	11 73 -	11 73 -
2	NUMBER	31 8C - 3	317B - 1	317B - 2	317B - 3	317B - 4
3 1	OSC. NUMBER	C0365556	C0365541	C0565612	C036543	C0365444
1 1	QUARTZ	51	47	48	52	58
2	K-FSP.	2	1	1	2	2
3	PLAGIOCL.	7	6	6	8	5
4	MICA, IL.	5	6	5	4	5
5	CHL., KA.	7	6	6	4	4
6	CALCITE	21	21	18	20	18
7	DOLOMITE	4	13	16	10	8
8	GYPSUM					
9	OTHER					
10	OTHER					
2 1	F/F+Q	14	13	13	15	11
2	PL/PL+KF	79	81	81	82	77
3	D/D+C	15	38	47	34	32
3 1	ORG. C					
2	MIN. C					
3	CALCITE					
4	DOLOMITE					
1	ANALYS.	EST	EST	EST	EST	EST
2 1	QUARTZ	XXXX	XXXX	XXXX	XXXX	XXXX
2	CHERT					
3	FELDSPAR	XX	XX	XX	XX	XX
4	MUSCOV.	X	X	X	X	X
5	BIOTITE	X	TR	TR		X
6	CHLORITE	X	X	X	X	X
7	METAM.					
8	VOLC.					
9	CARB.	XXX	XXX	XXX	XXX	XXX
10	GYPSUM					
11	OTHER					
12	OTHER					
13	OTHER					
	OTHER					
1	CB. TYPE					
4 1	INTRACL.					
2	OOIDS					
3	PELLETS					
4	STD. FRN.					
5 1	FOSSIL	CRIC	OSTR	TRIL	X	
2	FOSSIL					
3	FOSSIL					
4	FOSSIL					
5	FOSSIL					
6	FOSSIL					
7	FOSSIL					
8	FOSSIL					
7 1	D/D+C					
2	D. GRADE					
6 1	SUPPORT					
2	GR. GRADE					
3	GR/GR+MA					
4	MA. GRADE					
7 1	PHENOCL.					
2	PHENOCL.					
3	PHENOCL.					
4	PHENOCL.					
5	CG MATR.					
8 1	SD. GRADI					
2	MAX. GRN.					
3	SD. STG.					
4	SD. RDG.					
5	SD. CEMT.					
1 1	HOR. LAM.	X	X		X	X
2	X-LAM.					
3	BIOTURB.					
4	OTHER					
5	OTHER					
6	OTHER					
1	COLOUR	MGY - BN	DKGY	MGY	MGY	MGY
1	LITHOLOGY (GENERALIZED)	SLT	SLT, SDY	SLT, SDY	SLT, SDY	SLT, SDY

Field	No.	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SECTION / ROCK UN. / FROM / TO	1	TYPE EIDS L. MID.	TYPE EIDS U. MID.	TYPE EIDS U. MID.	TYPE EIDS U. MID.	TYPE EIDS U. MID.
FIELD NUMBER	2	1M-73-317B-6	1M-73-318B-6	1M-72-3185-4	1M-73-318B-3	1M-73-318B-1
DISC. NUMBER	3	C036546	C036553	C036552	C036551	C036550
QUARTZ	1	48	53	60	54	57
K-FSP.	2	3		1		
PLAGIOCL.	3	6	6	7	6	6
MICA, IL.	4	5	5	4	4	5
CHL., KA.	5	5	5	6	6	5
CALCITE	6	24	24	17	26	22
DOLOMITE	7	9	7	5	4	5
GYPSUM	8					
OTHER	9					
OTHER	10					
F/F+Q	1	14	10	12	10	9
PL/PL+KF	2	68	100	83	100	100
D/D+C	3	28	23	24	15	18
ORG. C	1					
MIN. C	2					
CALCITE	3					
DOLOMITE	4					
ANALYS.	1	EST	EST	EST	EST	EST
QUARTZ	1	XXXX	XXXX	XXXX	XXXX	XXXX
CHERT	2					
FELDSPAR	3	XX	X	XX	X	X
MUSCOV.	4	X	X	X	X	X
BIOTITE	5		TR	X	TR	X
CHLORITE	6	X	X	X	X	X
METAM.	7					
VOLC.	8					
CARB.	9	XXX	XXX	XXX	XXX	XXX
GYPSUM	10					
OTHER	11					
OTHER	12					
OTHER	13					
OTHER	14					
CB. TYPE	1					
INTRACL.	1					
OOIDS	2					
PELLETS	3					
STD. GRN.	4		STYLA	X STYLN	Y STYLN	X
FOSSIL	1					
FOSSIL	2					
FOSSIL	3					
FOSSIL	4					
FOSSIL	5					
FOSSIL	6					
FOSSIL	7					
FOSSIL	8					
D/D+C	1					
D. GRADE	2					
SUPPORT	1					
GR GRADE	2					
GR/GR+MA	3					
MA. GRADE	4					
PHENOCL.	1					
PHENOCL.	2					
PHENOCL.	3					
PHENOCL.	4					
CG MATR.	5					
SD. GRADE	1	VF	VF	VF		
MAX. GRN.	2					
SD. STG.	3					
SD. RDG.	4					
SD. CEMT	5			Y		X
HOR. LAM.	1					
X-LAM.	2				2	
BIOTURB.	3					
OTHER	4					
OTHER	5					
OTHER	6					
COLOUR	1	DKGY	MGY	MGY	MGY	MGY
LITHOLOGY (GENERALIZED)	1	SLT, SDY	SLT, SDY	SLT, SDY	SLT, SDY	SLT

Item	Card	Line	Sample 1	Sample 2
SECTION	1	1	TYPE	TYPE
ROCK UN.		2	EIDS	EICC
FROM		3	UPPER	UPPER
TO		4		
FIELD	2	1	11-73-	114-72-
NUMBER		2	31X4-2	3184 3
OSC. NUMBER	3	1	C10.3C548	C0.36519
QUARTZ	1	1	33	51
K-FSP.		2	2	2
PLAGIOCL.		3	4	6
MICA, IL.		4	4	5
CHL., KA.		5	4	6
CALCITE		6	6	25
DOLOMITE		7	47	5
GYPSUM		8		
OTHER		9		
OTHER		10		
F/F+Q	2	1	16	13
PL/PL+KF		2	68	75
D/D+C		3	88	15
ORG. C	3	1		
MIN. C		2		
CALCITE		3		
DOLOMITE		4		
ANALYS.	1		EST	EST
QUARTZ	2	1	X X X	X X X X
CHERT		2		
FELDSPAR		3	X	X X
MUSCOV.		4	X	X
BIOTITE		5	TE	X
CHLORITE		6	X	X
METAM.		7		
VOLC.		8		
CARB.		9	X X X X	X X X
GYPSUM		10		
OTHER		11		
OTHER		12		
OTHER		13		
OTHER		14		
GR. TYPE	3	1		
INTRACL	4	1		
OOIDS		2		
PELLETS		3	A	
STD. GRN.		4		
FOSSIL	5	1	STYLN X	
FOSSIL		2	BRACH X	
FOSSIL		3		
FOSSIL		4		
FOSSIL		5		
FOSSIL		6		
FOSSIL		7		
FOSSIL		8		
D/D+C	7	1		
D. GRADE		2	FMIC	
SUPPORT	8	1		
GR. GRADE		2		
GR/GR+MA		3		
MA. GRADE		4		
PHENOCL.	7	1		
PHENOCL.		2		
PHENOCL.		3		
PHENOCL.		4		
CG. MATR.		5		
SD. GRADE	4	1		
MAX. GRN.		2		
SD. STG.		3		
SD. RDG.		4		
SD. CENT.		5		
HOR. LAM.	1	1	X	X
X-LAM.		2		
BIOTURB.		3		
OTHER		4		
OTHER		5		
OTHER		6		
COLOUR	1	1	MGY	MGY
LITHOLOGY (GENERALIZED)	1	1	DLST	SLT
		2	SLTY	