K SHELL - CORBIN 78(4) B

L SHELL CORBIN 78(4)B

COAL
ANALYSIS -

- 1978 -

CONFIDENTIAL

GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 386

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APPENDIX V

CONFIDENTIAL

APPENDIX V

COAL QUALITY DATA

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
8-337	5A-2-1		29.28 - 30.84	RAW		0.87	24.15			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.60	22.12		1½	64.14
				1.6 SINK							35.86
8-338	5A-2-2		33.12 - 34.46	RAW		0.42	9.60			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.93	21.45		1½	88.11
				1.6 SINK							11.89
8-339	5A-2-3		36.20 - 38.12	RAW		0.41	11.75			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.44	22.24		2	79.19
											26.21

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO -5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-340	5A-2-4	A	40.16 - 43.68	RAW		0.18	58.74			0	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	19.66	22.36		2½	26.25
				1.6 SINK							73.75
3-341	5A-2-4	B	44.62- 45.80	RAW		1.25	53.90			0	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	15.33	22.12		1½	31.26
				1.6 SINK							68.74
3-342	5A-2-5		45.80 - 46.80	RAW	6.34	0.63	34.66			2½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	14.95	26.24		5	54.86

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD	
3-343	5A-2-6		46.92 - 49.00	RAW		0.28	13.11			1		
				1.4 FLOAT								
				1.4 SINK								
				1.5 FLOAT								
				1.5 SINK								
				1.6 FLOAT		1.00	7.76	25.03		1½	74.19	
				1.6 SINK							25.81	
3-344	5A-2-7		49.08 - 50.78	RAW		0.71	18.71			1		
				1.4 FLOAT								
				1.4 SINK								
				1.5 FLOAT								
				1.5 SINK								
				1.6 FLOAT		1.00	9.22	22.65		1½	72.20	
				1.6 SINK							27.80	
3-345	5A-2-8		51.24 - 52.54	RAW		0.68	14.73			2½		
				1.4 FLOAT								
				1.4 SINK								
				1.5 FLOAT								
				1.5 SINK								
				1.6 FLOAT		1.00	7.89	25.06		3	80.24	

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-346	5A-2-9		52.64 - 53.48	RAW		0.57	20.35			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.18	26.70		1½	42.22
				1.6 SINK							57.78
3-347	5A-2-10		54.14 - 54.62	RAW		0.61	11.39			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.26	22.29		1½	90.79
				1.6 SINK							9.21
3-348	5A-2-11		55.52 - 56.08	RAW		0.81	21.03			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.07	24.54		2	45.03

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
-349	5A-2-12		57.48 - 62.08	RAW		0.56	23.11			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.03	23.70		2½	64.75
				1.6 SINK							35.25
-350	5A-2-13		62.08 - 63.46	RAW		0.60	27.29			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.14	22.78		2	55.31
				1.6 SINK							44.69
-351	5A-2-14		65.80 - 68.44	RAW		0.36	17.43			2	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.13	22.55		2	77.01

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-352	5A-2-15		68.44 - 68.88	RAW		0.86	15.74			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.03	23.07		2	69.20
				1.6 SINK							30.80
3-353	5A-2-16		70.60 - 72.56	RAW	2.59	0.80	9.75			3	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.29	23.28		3	87.55
				1.6 SINK							12.45
3-354	5A-1-1		27.24 - 27.56	RAW	4.31	1.25	21.13			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.04	26.95		2	69.65

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
-355	5A-1-2		27.56 - 28.06	RAW		1.09	73.55			0	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
-356	5A-3-1		78.44 - 80.64	RAW		0.67	14.38			2½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.24	22.79		3	83.37
				1.6 SINK							15.63
-357	5A-3-2		81.50 83.88	RAW		0.66	15.38			2½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.60	23.22		3	82.90

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-358	5A-3-3		84.67 - 87.60	RAW		0.60	20.65			4½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.10	25.44		6	68.84
				1.6 SINK							31.16
78-359	5A-4-1		89.56 - 90.84	RAW	4.86	0.58	18.08			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.35	22.91		3	77.81
				1.6 SINK							22.19
78-360	5A-4-2		93.98 - 96.54	RAW		0.56	16.26			4	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.32	23.54		4	30.23

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
-361	5A-4-3		96.70 - 98.68	RAW		0.59	20.35			3	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.25	23.41		4	83.36
				1.6 SINK							16.64
8-362	5A-5-1		112.28 - 114.12	RAW		0.51	21.86			4	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.59	26.60		6	64.88
				1.6 SINK							35.12
8-363	5A-6-1		144.28 - 145.04	RAW		0.58	16.61			6½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.58	29.82		7	73.90

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: Corbin HOLE NO. CO-5A DATE: Nov. 8/78 ANALYST: Ken McCullough

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-364	5A-7-1		159.64-161.43	RAW		1.00	23.11			3½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.58	24.61		6	61.19
				1.6 SINK							38.81
8-365	5A-8-1		168.38 - 169.72	RAW		0.52	23.81			4½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.20	25.45		5½	64.61
				1.6 SINK							35.39
78-366	5A-9-1		174.44 - 175.96	RAW		0.44	28.98			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	18.57	21.94		3½	61.09

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 6A DATE: NOV. 27/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-174	6A-1-1			RAW		.80	21.02			1½	
			56.50 - 58.40	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.27	21.82		1½	70.63
				1.6 SINK							29.37
-175	6A-1-2			RAW		.58	17.53			1½	
			58.40 - 61.35	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.68	23.43		2½	67.95
				1.6 SINK							32.05
3-176	6A-1-3			RAW		.63	21.22			1½	
			64.60 - 66.60	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.12	23.29		1½	61.72
				1.6 SINK							38.28

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 6A DATE: NOV 27/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
-177	6A-1-4			RAW		.58	22.54			1½	
				1.4 FLOAT							
			66.60-	1.4 SINK							
			70.20	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.75	22.83		2½	68.69
				1.6 SINK							31.31
-178	6A-1-5			RAW		.59	18.76			2	
				1.4 FLOAT							
			70.20-	1.4 SINK							
			71.00	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.92	22.59		2½	79.87
				1.6 SINK							20.13
-179	6A-1-6			RAW		.53	14.70			2	
				1.4 FLOAT							
			75.70-	1.4 SINK							
			77.15	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.73	22.00		2	76.87
				1.6 SINK							23.13

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 6A DATE: NOV. 27/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-180	6A-1-7			RAW		.31	15.82			2½	
				1.4 FLOAT							
			78.00-	1.4 SINK							
			80.30	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.17	24.84		4	63.59
				1.6 SINK							36.41
78-181	6A-1-8			RAW		.68	25.72			1½	
				1.4 FLOAT							
			81.15-	1.4 SINK							
			82.30	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.00	22.86		2½	74.35
				1.6 SINK							25.65
78-182	6A-1-9			RAW		.64	39.57			1	
				1.4 FLOAT							
			82.30-	1.4 SINK							
			84.60	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	14.45	24.36		2½	33.00
				1.6 SINK							67.00

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 6A DATE: NOV 27/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-183	6A-1-10			RAW		.76	28.69			1	
				1.4 FLOAT							
			84.60 -	1.4 SINK							
				1.5 FLOAT							
			86.40	1.5 SINK							
				1.6 FLOAT		1.00	12.49	22.50		1½	55.09
				1.6 SINK							44.91
78-184	6A-2-1			RAW		.61	28.00			3	
				1.4 FLOAT							
			95.60 -	1.4 SINK							
				1.5 FLOAT							
			99.00	1.5 SINK							
				1.6 FLOAT		1.00	10.73	25.72		6	34.32
				1.6 SINK							65.68
78-185	6A-3-1			RAW		.54	19.38			5	
				1.4 FLOAT							
			119.40	1.4 SINK							
			121.50	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.05	23.50		5½	73.93
				1.6 SINK							26.07

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 6A DATE: NOV 27/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD		
78-186	6A-4-1			RAW		.46	38.35			1			
				1.4 FLOAT									
			124.70-	1.4 SINK									
			129.95	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	16.48	22.49		3	35.38		
				1.6 SINK							64.62		
78-187	6A-4-2			RAW		.12	41.30			1½			
				1.4 FLOAT									
			129.95-	1.4 SINK									
			136.15	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	17.68	24.17		3½	37.67		
				1.6 SINK							62.33		
				RAW									
				1.4 FLOAT									
				1.4 SINK									
				1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT									

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 19 DATE: DEC 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-274	19-1-4			RAW		1.00	44.18			1½	
				1.4 FLOAT							
			54.96-	1.4 SINK							
			55.60	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	19.50	23.76		3½	22.88
				1.6 SINK							77.12
78-275	19-1-5			RAW		1.00	30.16			2	
				1.4 FLOAT							
			59.03-	1.4 SINK							
			59.64	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	15.62	27.46		2½	35.97
				1.6 SINK							64.03
78-276	19-1-6			RAW		1.00	12.92			2½	
				1.4 FLOAT							
			60.01-	1.4 SINK							
			61.60	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	6.99	26.48		3½	76.22
				1.6 SINK							23.78

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 19 DATE: DEC 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD		
73-271	19-1-1			RAW		1.00	35.35			2			
				1.4 FLOAT									
			44.12-	1.4 SINK									
			45.04	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	17.25	24.84		2	50.0		
				1.6 SINK							50.0		
3-272	19-1-2			RAW		1.00	41.14			2			
				1.4 FLOAT									
			46.39-	1.4 SINK									
			47.04	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	19.03	26.93		4½	42.60		
				1.6 SINK							57.40		
3-273	19-1-3			RAW		1.00	50.42			1½			
				1.4 FLOAT									
			52.72-	1.4 SINK									
			53.40	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	19.25	24.86		4½	19.30		
				1.6 SINK									

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 19 DATE: DEC 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
0-277	19-1-7			RAW		1.00	18.78			1½	
				1.4 FLOAT							
			64.80 -	1.4 SINK							
			66.10	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.95	26.21		1½	85.67
				1.6 SINK							14.33
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 20 DATE: DEC 20/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
-219	20-1-1		17.47 - 24.69	RAW		1.00	45.06			0	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.29	28.22		1	33.51
				1.6 SINK							66.49
-220	20-1-2		24.69 - 27.28	RAW		1.00	30.52			2½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.35	24.90		5	44.05
				1.6 SINK							55.95
-221	20-1-3		27.28 - 30.48	RAW		1.00	60.24			½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	16.96	23.45		2	6.74
				1.6 SINK							93.26

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 20 DATE: DEC 20/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
222	20-1-4			RAW		1.00	31.24			0	
				1.4 FLOAT							
			36.75 -	1.4 SINK							
			32.70	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	15.63	30.34		0	44.39
				1.6 SINK							55.61
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 20A DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-267	20A-1-1			RAW		1.00	17.73			3	
			84.44-86.40	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.63	24.29		3½	71.11
				1.6 SINK							28.89
78-268	20A-1-2			RAW		1.00	22.47			1	
			89.72-90.86	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.51	23.07		1	72.24
				1.6 SINK							27.76
78-269	20A-1-3			RAW		1.00	13.76			3	
			92.12-94.56	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.32	26.97		4	78.37
				1.6 SINK							[illegible]

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 20A DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-270	20A-1-4			RAW		1.00	16.67			3½	
				1.4 FLOAT							
			95.40 -	1.4 SINK							
			96.20	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	7.93	26.86		6½	64.43
				1.6 SINK							35.57
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 21 DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-299		21-1-1		RAW		1.00	37.76			2	
				1.4 FLOAT							
			105.30 -	1.4 SINK							
			106.90	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.74	22.18		3½	58.45
				1.6 SINK							41.55
78-300		21-1-2		RAW		1.00	21.42			2	
				1.4 FLOAT							
			106.90 -	1.4 SINK							
			110.90	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.98	23.02		2½	75.53
				1.6 SINK							24.47
78-301		21-1-3		RAW		1.00	18.45			1½	
				1.4 FLOAT							
			110.98	1.4 SINK							
			112.88	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.66	22.73		2	76.53
				1.6 SINK							23.47

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 21 DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD		
78-302	21-1-4			RAW		1.00	22.42			1½			
			113.29-	1.4 FLOAT									
				1.4 SINK									
			114.54	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	9.97	23.56		2	72.27		
				1.6 SINK							27.73		
78-303	21-1-5			RAW		1.00	18.50			1			
				1.4 FLOAT									
			116.80-	1.4 SINK									
			119.00	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	9.04	20.49		2	79.46		
				1.6 SINK							20.54		
78-304	21-1-6			RAW		1.00	17.15			1½			
				1.4 FLOAT									
			124.02-	1.4 SINK									
			125.78	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	9.84	22.34		2	77.15		
				1.6 SINK							22.85		

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 21 DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
73-305	21-1-7			RAW		1.00	67.07			½	
			129.24-130.48	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.21	22.08		2½	22.82
				1.6 SINK							77.18
78-306	21-1-8			RAW		1.00	41.45			1	
			132.28-133.72	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.78	24.55		3	29.85
				1.6 SINK							70.15
78-307	21-1-9			RAW		1.00	50.49			1	
			133.86-136.32	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	15.58	21.39		2	27.31
				1.6 SINK							72.69

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 21 DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
'3-308	21-1-10		136.55 - 139.29	RAW		1.00	49.65			½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	18.55	22.10		1½	32.73
				1.6 SINK							67.27
-309	21-1-11		139.29 - 142.34	RAW		1.00	30.78			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.49	23.19		2	42.78
				1.6 SINK							57.22
3-310	21-1-12		142.34 - 148.74	RAW		1.00	19.27			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.98	23.08		1½	79.33
				1.6 SINK							20.67

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 21 DATE: DEC 21/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
3-311	21-1-13		148.74 - 151.79	RAW		1.00	24.26			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.12	25.41		1½	29.94
				1.6 SINK							70.06
3-312	21-1-14		151.79 - 154.84	RAW		1.00	16.54			1½	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	10.36	23.13		1½	64.23
				1.6 SINK							35.77
3-313	21-1-15		154.84 159.12	RAW		1.00	15.43			1	
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.38	21.93		1½	87.76
				1.6 SINK							12.24

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 22 DATE: DEC 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-137	22-1-1			RAW		1.00	49.54			1½	
			79.64-	1.4 FLOAT							
				1.4 SINK							
			80.80	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	13.11	25.38		6	34.84
				1.6 SINK							65.16
8-138	22-1-2			RAW		1.00	60.50			½	
				1.4 FLOAT							
			81.86-	1.4 SINK							
			82.44	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	13.82	25.17		3½	19.16
				1.6 SINK							80.84
8-139	22-1-3			RAW		1.00	36.65			2	
				1.4 FLOAT							
			85.27-	1.4 SINK							
			86.17	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.20	27.38		4	43.28
				1.6 SINK							56.72

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 22 DATE: DEC 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-140	22-1-4			RAW		1.00	36.76			1½	
			87.56-	1.4 FLOAT							
				1.4 SINK							
			89.53	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.16	25.97		3½	45.31
				1.6 SINK							54.69
78-141	22-1-5			RAW		1.00	53.76			½	
				1.4 FLOAT							
			90.36-	1.4 SINK							
			91.60	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	14.11	23.79		2½	10.44
				1.6 SINK							89.56
78-142	22-1-6			RAW		1.00	39.06			1	
				1.4 FLOAT							
			93.43-	1.4 SINK							
			94.64	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	16.35	23.01		3	27.50
				1.6 SINK							72.50

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 22 DATE: DEC 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-143	22-1-7			RAW		1.00	46.03			1½	
				1.4 FLOAT							
			96.17-	1.4 SINK							
			99.98	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	13.13	28.72		7	27.95
				1.6 SINK							72.05
87-144	22-1-8			RAW		1.00	27.04			1½	
				1.4 FLOAT							
			100.24-	1.4 SINK							
			102.36	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.10	24.78		2½	57.11
				1.6 SINK							42.89
78-145	22-1-9			RAW		1.00	43.90			1	
				1.4 FLOAT							
			103.00-	1.4 SINK							
			104.15	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	19.08	21.10		2	31.47
				1.6 SINK							68.53

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 22 DATE: DEC 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-146	22-1-10			RAW		1.00	47.12			1	
			105.24-	1.4 FLOAT							
				1.4 SINK							
			108.44	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	19.41	22.23		2½	31.43
				1.6 SINK							68.57
78-147	22-1-11			RAW		1.00	43.03			1	
				1.4 FLOAT							
			108.60-	1.4 SINK							
			111.56.	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	18.42	24.57		5	23.78
				1.6 SINK							76.22
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. #23 DATE: DEC 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-206	23-1-1			RAW		.37	18.69			2	
				1.4 FLOAT							
			107.84-	1.4 SINK							
			110.20	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.55	22.10		3	69.92
				1.6 SINK							30.08
78-207	23-1-2			RAW		.22	20.82			4	
				1.4 FLOAT							
			110.20-	1.4 SINK							
			112.50	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	9.88	23.35		4	73.23
				1.6 SINK							26.77
78-208	23-1-3			RAW		.15	46.74			1	
				1.4 FLOAT							
			112.64-	1.4 SINK							
			115.12	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.36	23.66		5	38.84
				1.6 SINK							61.16

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. #23 DATE: DEC. 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-209	23-2-1A &1B			RAW		.26	61.80			1	
				1.4 FLOAT							
			119.60 -	1.4 SINK							
			126.92	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
78-210	23-2-2			RAW		.16	63.79			0	
				1.4 FLOAT							
			127.36 -	1.4 SINK							
			130.98	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
78-211	23-2-3			RAW		.12	37.51			1	
				1.4 FLOAT							
			132.60 -	1.4 SINK							
			134.24	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	20.54	20.76		1½	39.73
				1.6 SINK							60.27

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. #23 DATE: DEC. 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD		
78-212	23-2-4			RAW		.25	68.60			1			
				1.4 FLOAT									
			135.66-	1.4 SINK									
			139.32	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT									
				1.6 SINK									
78-213	23-2-5			RAW		.56	60.19			1			
				1.4 FLOAT									
			139.94-	1.4 SINK									
			141.54	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT									
				1.6 SINK									
78-214	23-3-1			RAW		.59	44.27			1½			
				1.4 FLOAT									
			66.34-	1.4 SINK									
			68.73	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	12.43	24.28		6	44.72		
				1.6 SINK							55.28		

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. #23 DATE: DEC. 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD		
3-215	23-3-2			RAW		.56	23.64			1½			
				1.4 FLOAT									
			71.70-	1.4 SINK									
			72.72	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	11.24	21.24		2	66.33		
				1.6 SINK							33.67		
3-216	23-3-3			RAW		.56	11.80			1½			
				1.4 FLOAT									
			72.72-	1.4 SINK									
			74.82	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	8.22	23.03		2	82.43		
				1.6 SINK							17.57		
3-217	23-3-4			RAW		.44	16.09			2			
				1.4 FLOAT									
			75.08-	1.4 SINK									
			77.64	1.5 FLOAT									
				1.5 SINK									
				1.6 FLOAT		1.00	12.14	23.80		2½	31.44		
				1.6 SINK									

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 23 DATE: DEC. 14/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
8-218	23-3-5			RAW		45	72.98			0	
				1.4 FLOAT							
			77.64-	1.4 SINK							
			77.76	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 24 DATE: DEC 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-367	24-1-1			RAW		1.00	51.88			1	
			71.16-	1.4 FLOAT							
				1.4 SINK							
			71.48	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	14.76	20.30		2½	38.60
				1.6 SINK							61.40
78-368	24-1-2			RAW		1.00	21.13			1½	
				1.4 FLOAT							
			71.84-	1.4 SINK							
			75.76	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	14.04	21.30		2	75.53
				1.6 SINK							24.47
78-369	24-1-3			RAW		1.00	13.78			2	
				1.4 FLOAT							
			76.66-	1.4 SINK							
			79.48	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.77	21.42		2½	91.13
				1.6 SINK							8.87

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 24 DATE: DEC. 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-370	24-1-4			RAW		1.00	14.60			2	
			79.18-80.24	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	8.24	21.88		2½	81.16
				1.6 SINK							18.84
78-371	24-2-1			RAW		1.00	17.16			2	
			109.22-111.98	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	12.53	21.60		3½	83.30
				1.6 SINK							16.70
78-372	24-2-2			RAW		1.00	22.41			2½	
			112.52-114.32	1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.83	21.79		3	78.61

CROWS NEST RESOURCES ANALYSIS REPORT

AREA: CORBIN HOLE NO. 24 DATE: DEC 13/78 ANALYST: KEN McCULLOUGH

LAB NO.	SAMPLE NO.	SEAM	INTERVAL (METRES)	FRACTION	% AIR DRY MOIST	% RESID. MOIST.	% ASH d.b.	% V.M.	% F.C.	F.S.I.	% YIELD
78-373	24-2-3			RAW		1.00	29.67			2	
				1.4 FLOAT							
			114.47-	1.4 SINK							
			116.94	1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT		1.00	11.46	24.78		4	56.46
				1.6 SINK							43.54
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							
				1.6 SINK							
				RAW							
				1.4 FLOAT							
				1.4 SINK							
				1.5 FLOAT							
				1.5 SINK							
				1.6 FLOAT							

K - SHELL - CORBIN 78(2)B

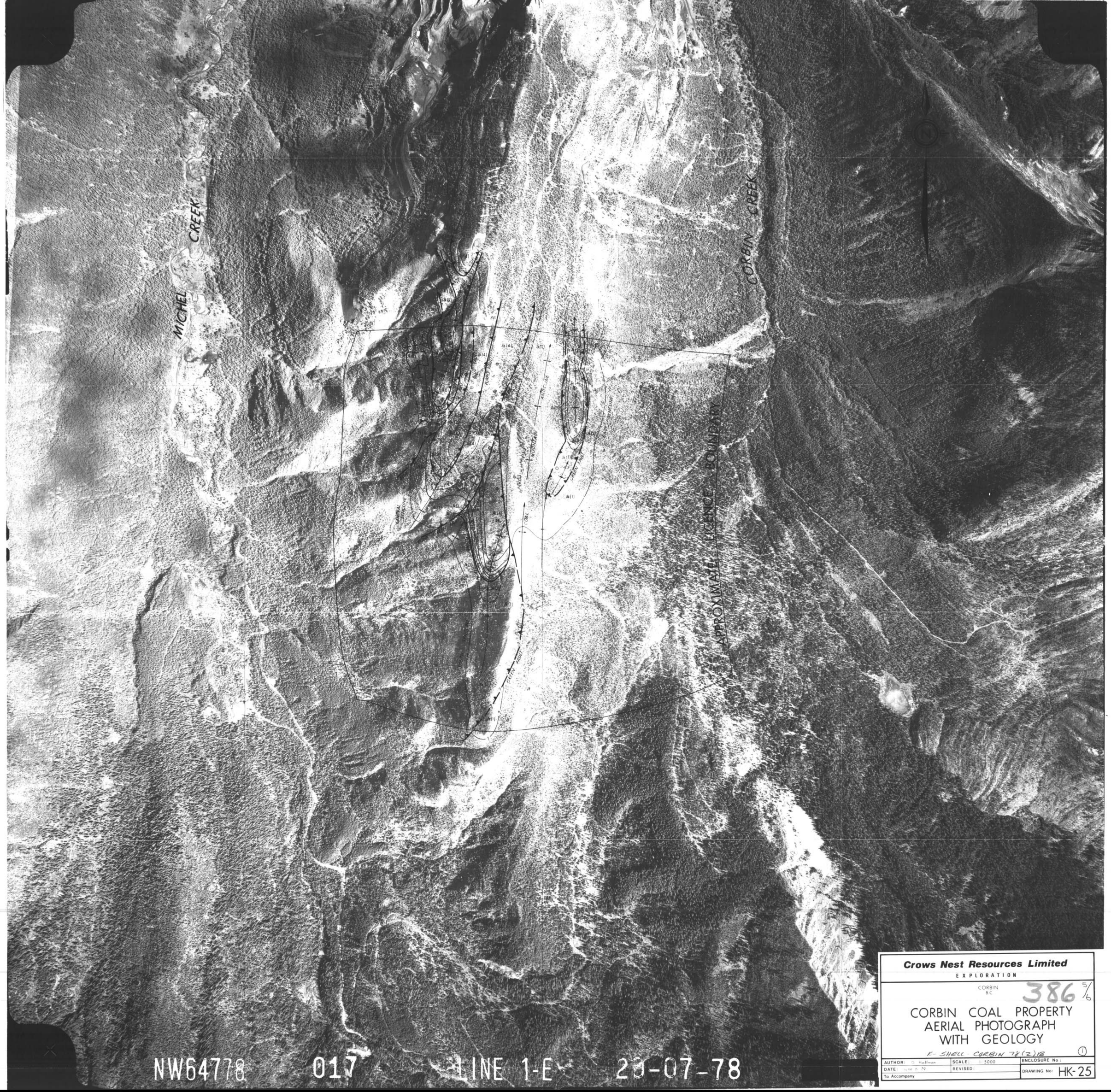
K-SHELL-CORBIN 78(2)B

386

MAPS

386

pt. 5 of 6



Crows Nest Resources Limited

EXPLORATION

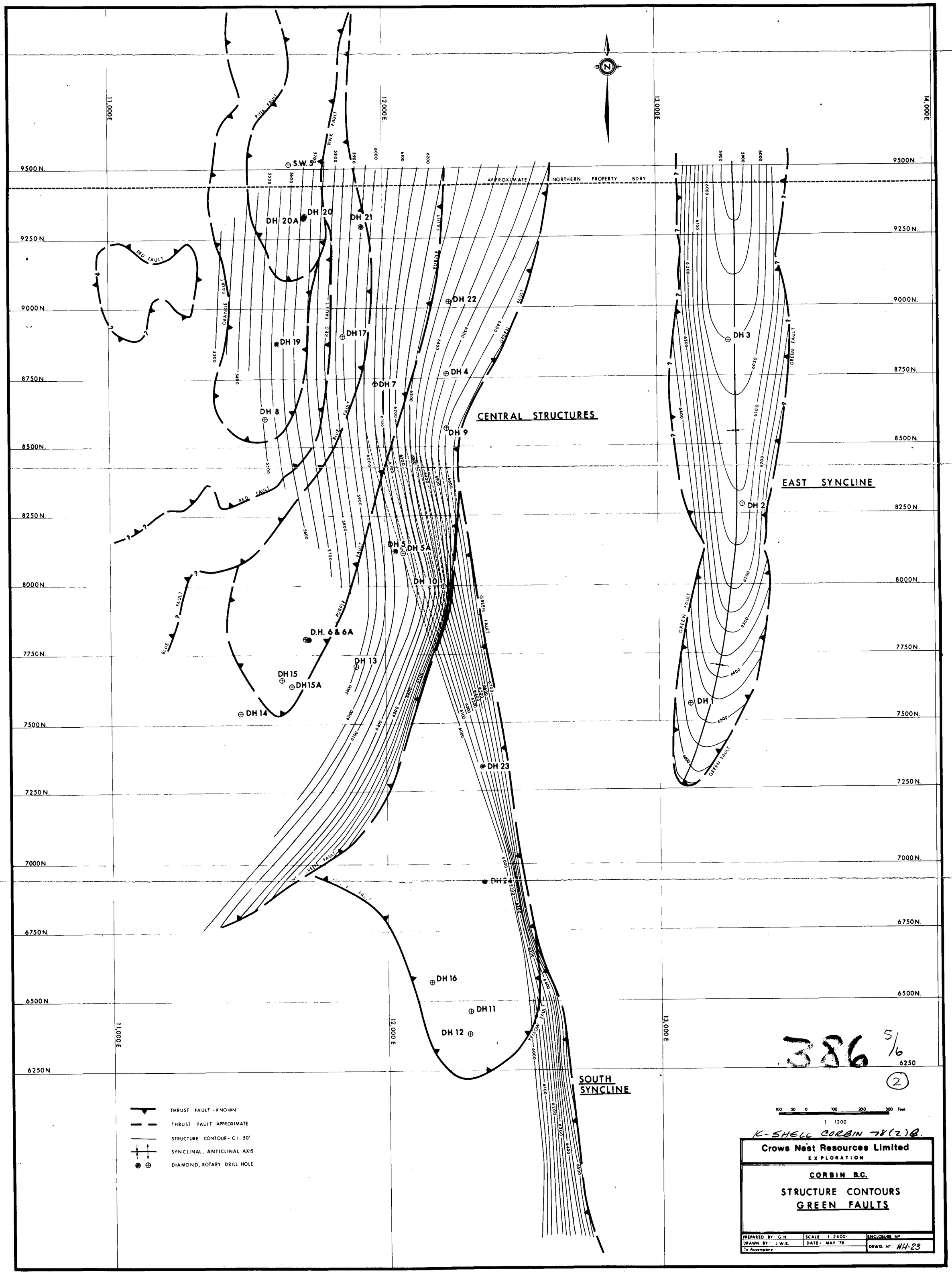
CORBIN B.C.

386 5/6

CORBIN COAL PROPERTY
AERIAL PHOTOGRAPH
WITH GEOLOGY

K- SHELL - CORBIN 78(2)18

AUTHOR: G. Hoffman	SCALE: 1:5000	ENCLOSURE No.:
DATE: June 6 79	REVISED:	DRAWING No: HK-25
To Accompany		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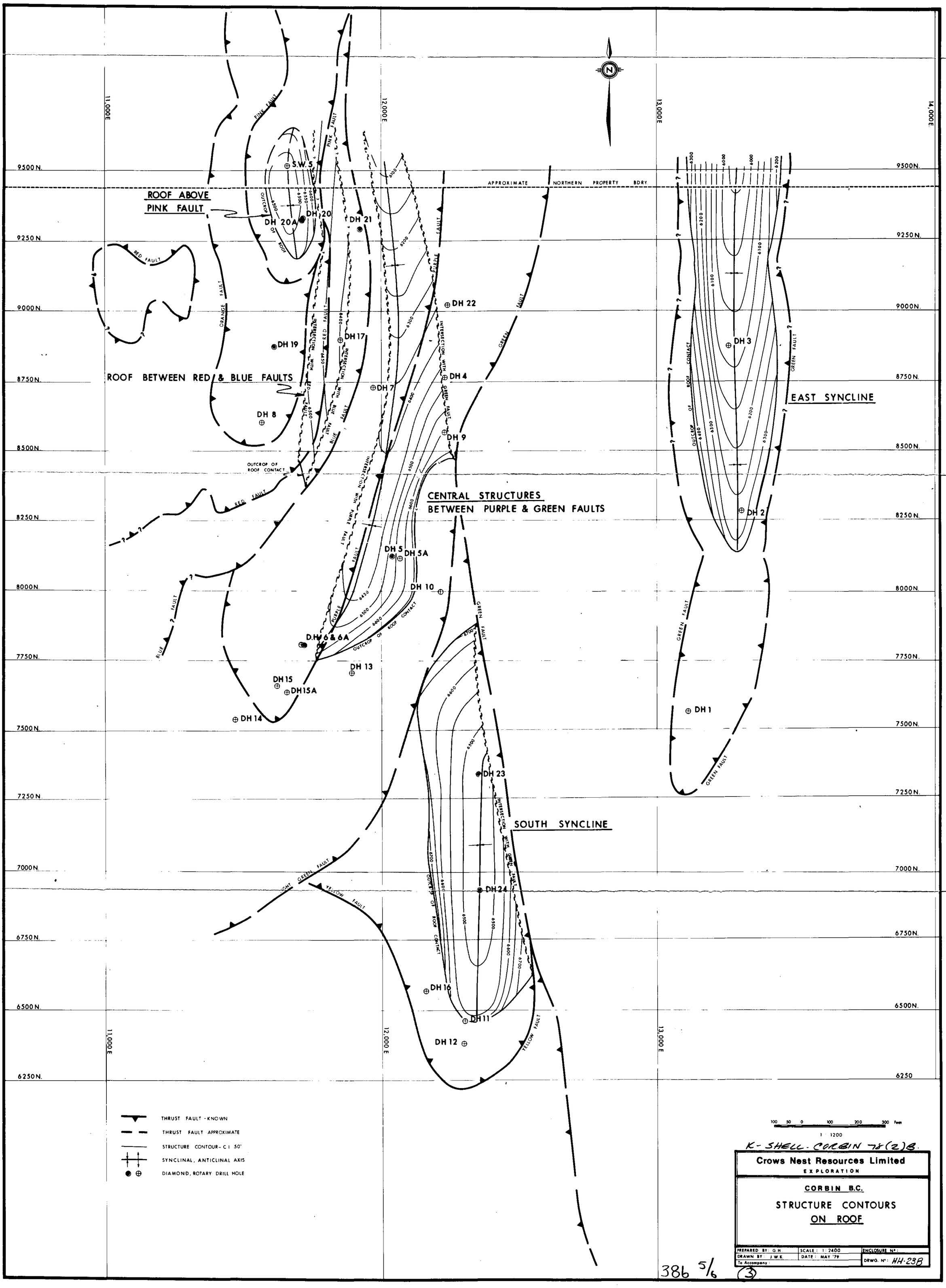
7500N
7250N
7000N
6750N
6500N
6250N
APPROXIMATE NORTHERN PROPERTY BDRY
CENTRAL STRUCTURES
EAST SYNCLINE
SOUTH SYNCLINE
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 19
DH 17
DH 3
DH 4
DH 7
DH 8
DH 9
DH 2
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
DH 1
DH 23
DH 24
DH 16
DH 11
DH 12
PINK FAULT
RED FAULT
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
YELLOW FAULT
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C I 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
100 50 0 100 200 300 Feet
1 : 1200
386 5/6
2
K-SHELL CORBIN 78(2)B.
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
GREEN FAULTS
PREPARED BY: G.H.
DRAWN BY: J.W.K.
To Accompany:
SCALE: 1:2400'
DATE: MAY '79
ENCLOSURE N°:
DRWG. N°: HH-23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14,000 E
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9000 N.
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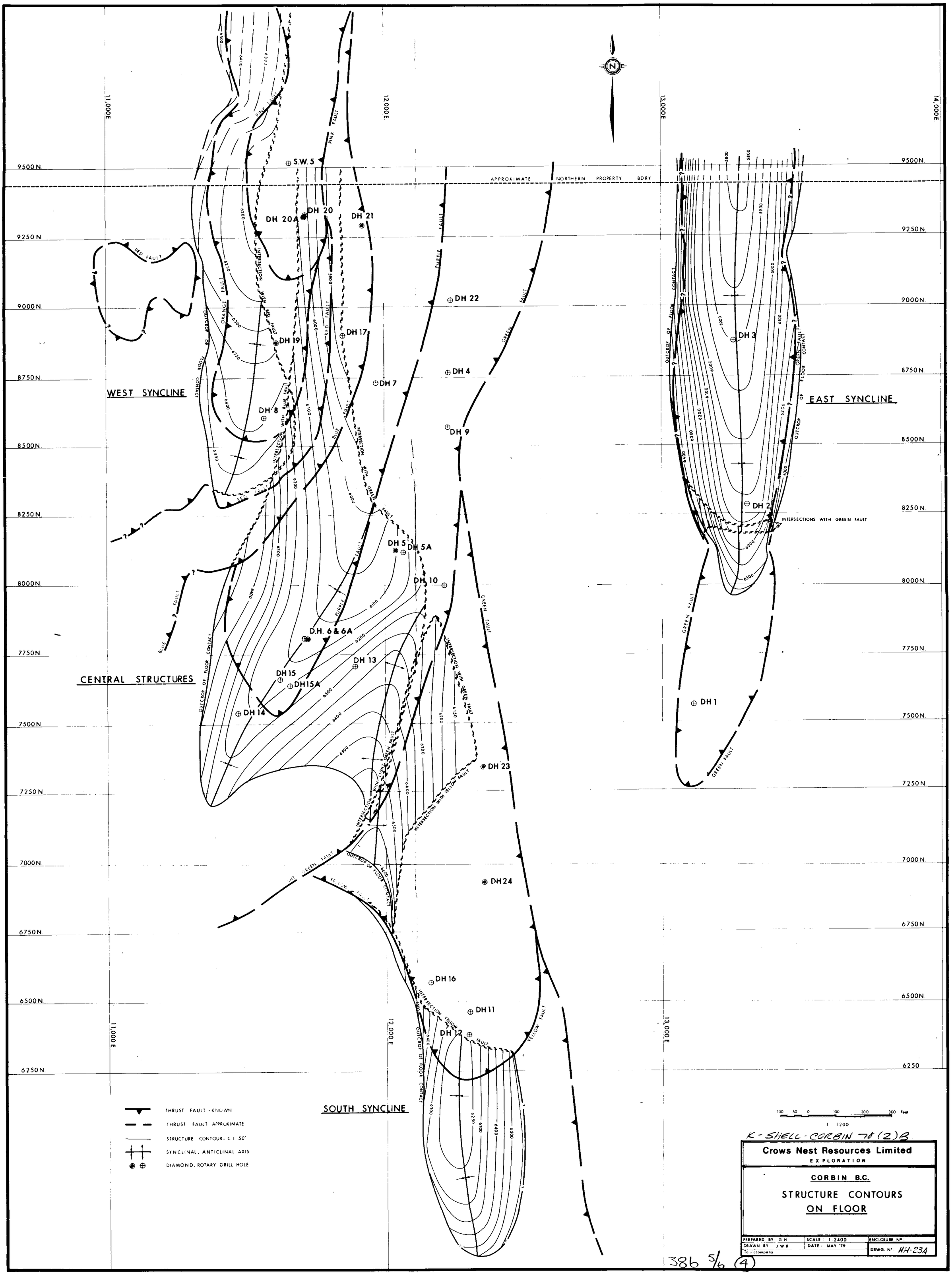
8000 N.
7750 N.
7500 N.
7250 N.
7000 N.
6750 N.
6500 N.
6250 N.
APPROXIMATE NORTHERN PROPERTY BDRY.
ROOF ABOVE PINK FAULT
ROOF BETWEEN RED & BLUE FAULTS
CENTRAL STRUCTURES BETWEEN PURPLE & GREEN FAULTS
EAST SYNCLINE
SOUTH SYNCLINE
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 19
DH 17
DH 7
DH 4
DH 9
DH 8
DH 3
DH 2
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
DH 1
DH 23
DH 24
DH 16
DH 11
DH 12
PINK FAULT
RED FAULT
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
YELLOW FAULT
OUTCROP OF ROOF CONTACT
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
1 : 1200
K-SHELL-CORBIN 78(2)B.
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
ON ROOF
PREPARED BY: G.H.
DRAWN BY: J.W.K.
To Accompany:
SCALE: 1:2400
DATE: MAY '79
ENCLOSURE No:
DRWG. No: HH-23B
386 5/6
3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14,000E
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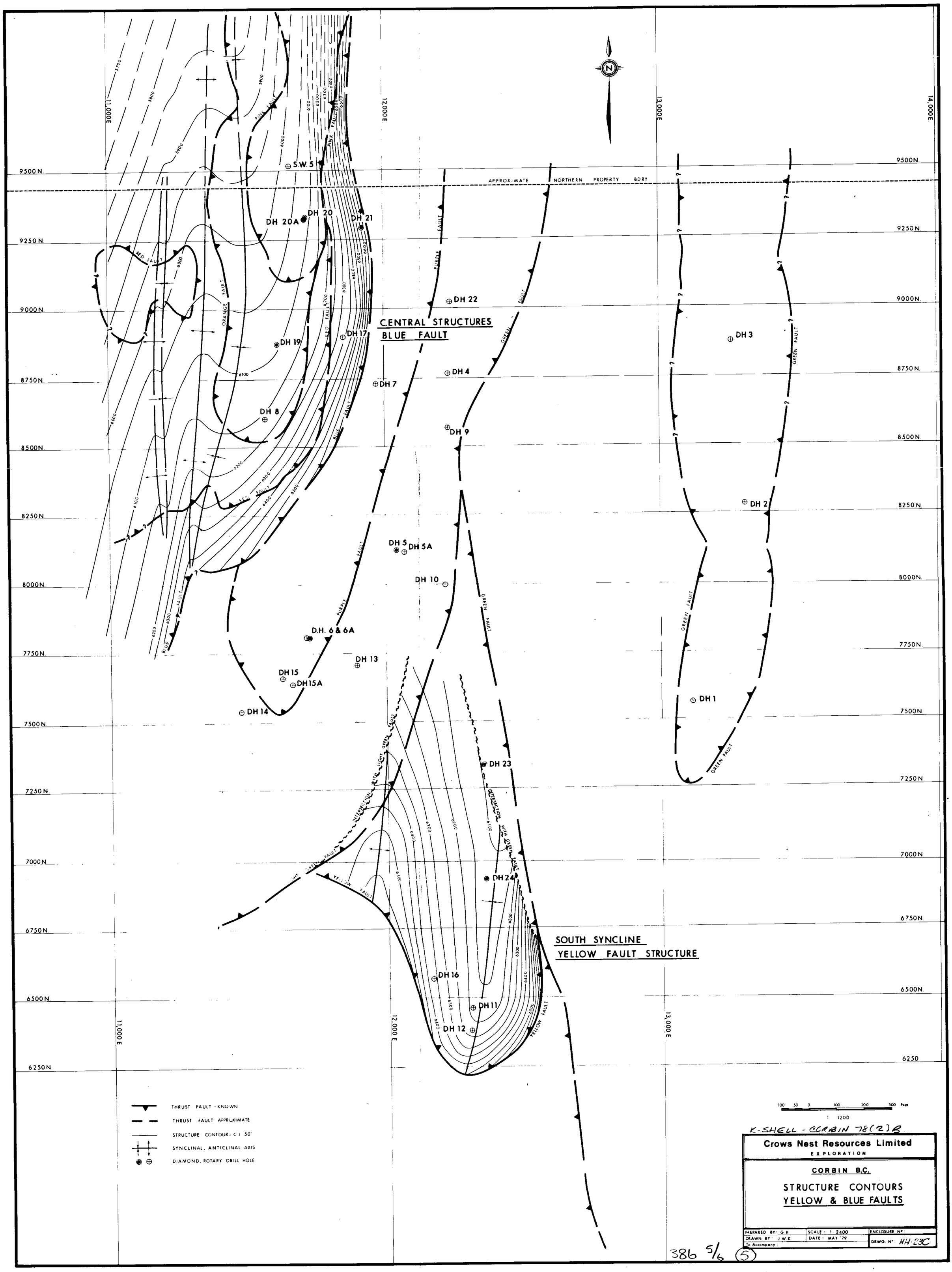
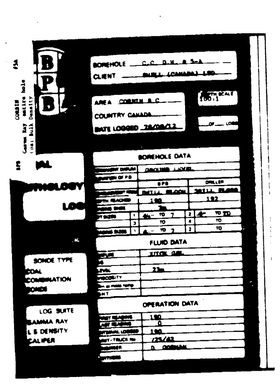
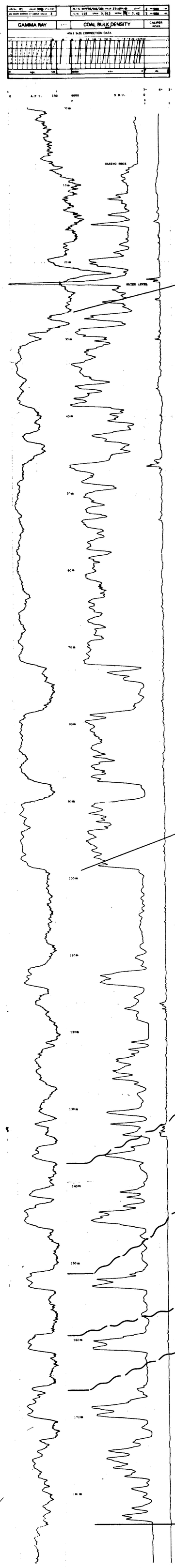
8500N
8250N
8000N
7750N
7500N
7250N
7000N
6750N
6500N
6250N
APPROXIMATE NORTHERN PROPERTY BDRY
WEST SYNCLINE
EAST SYNCLINE
CENTRAL STRUCTURES
SOUTH SYNCLINE
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 17
DH 19
DH 7
DH 4
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
DH 23
DH 24
DH 16
DH 11
DH 12
DH 3
DH 2
DH 1
INTERSECTIONS WITH GREEN FAULT
RED FAULT
PINK FAULT
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
YELLOW FAULT
OUTCROP OF FLOOR CONTACT
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C I 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
Feet
1 1200
K-SHELL-CORBIN 78 (2) B
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
ON FLOOR
PREPARED BY G.H.
DRAWN BY J.W.K.
SCALE: 1:2400
DATE: MAY '79
ENCLOSURE Nº:
DRWG. Nº HH-23A
386 5/6 (4)

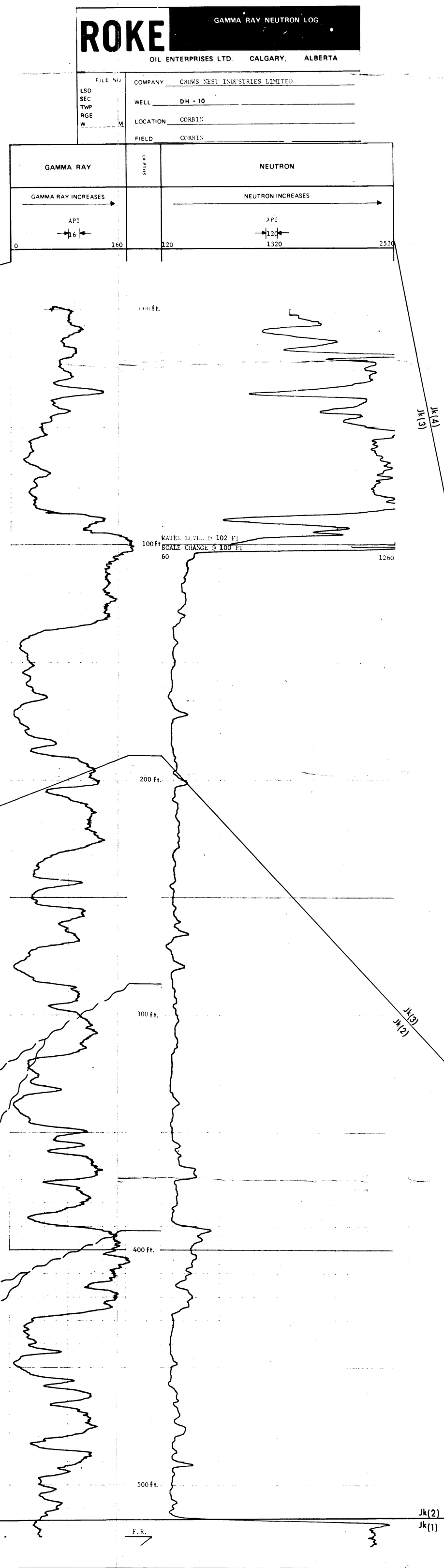

CENTRAL STRUCTURES
BLUE FAULT
SOUTH SYNCLINE
YELLOW FAULT STRUCTURE
APPROXIMATE NORTHERN PROPERTY BDRY
11,000 E
12,000 E
13,000 E
14,000 E.
9500 N.
9250 N.
9000 N.
8750 N.
8500 N.
8250 N.
8000 N.
7750 N.
7500 N.
7250 N.
7000 N.
6750 N.
6500 N.
6250 N.
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 19
DH 17
DH 3
DH 4
DH 7
DH 8
DH 9
DH 2
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
DH 1
DH 23
DH 24
DH 16
DH 11
DH 12
RED FAULT
ORANGE FAULT
PINK FAULT
PURPLE FAULT
BLUE FAULT
GREEN FAULT
YELLOW FAULT
INTERSECTION WITH LIGHT GREEN FAULT
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C I 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
100 50 0 100 200 300 Feet
1 1200
K-SHELL - CORBIN 78(2)B
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
YELLOW & BLUE FAULTS
PREPARED BY: G.H.
DRAWN BY: J.W.K.
To Accompany:
SCALE: 1:2400
DATE: MAY '79
ENCLOSURE Nº:
DRWG. Nº: HH-23C
386 5/6 (5)

D.H. 5A





D.H. 10



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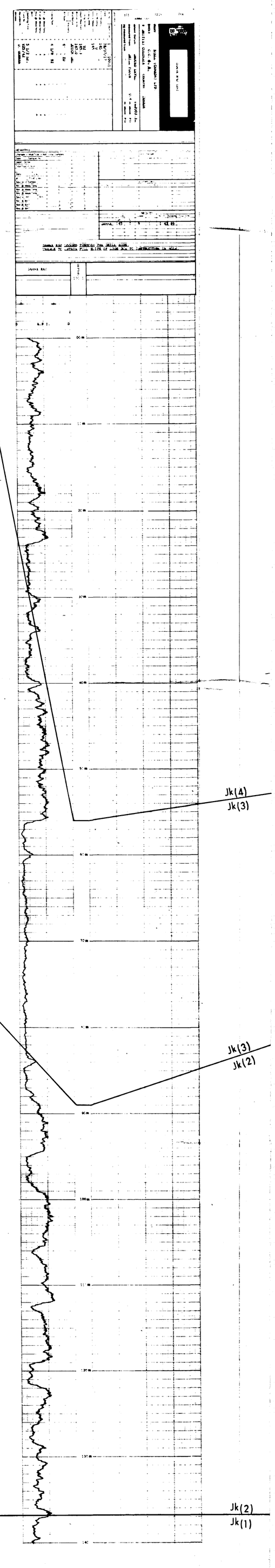


P/C

386 5/6 (b)(a)

D.H. 6

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO

COMPANY CROWS NEST INDUSTRIES LIMITED

WELL DH-6

LOCATION CORBIN

FIELD CORBIN

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev

Log Measured from GROUND LEVEL Ft Above Perm Datum

Well Depth Measured from GROUND LEVEL

Other Services: DENS-CAL

K.B.

CSG

G.L.

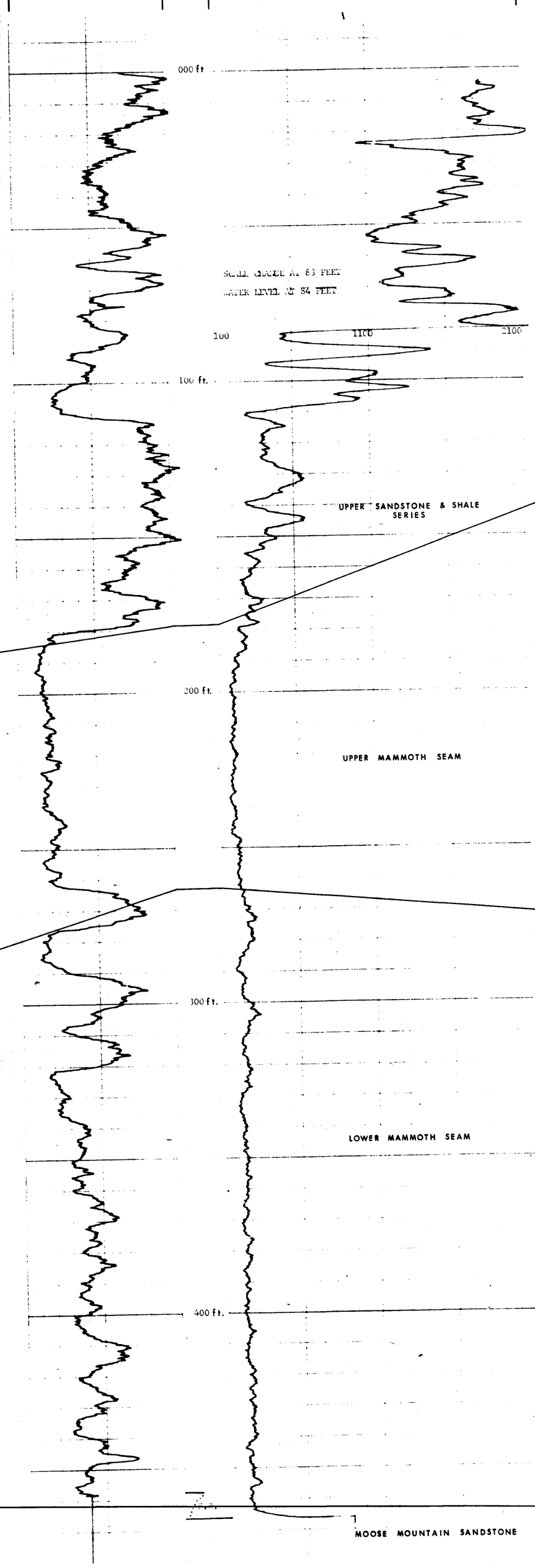
Run No.	ONE
Date	14 DECEMBER 1974
First Reading	466
Last Reading	0
Footage Logged	466
Depth Reached	467
Depth Driller	
Casing Rake	
Casing Driller	
Fluid Type	AIR/WATER
Liquid Level	84
Mn Diam	4-7/8
Rm @ °F	
Operating Time	1-1/2 HOURS
Truck No.	33

Recorded By JOHNSON Witnessed By CRABB

GAMMA RAY | DEPTHS | NEUTRON

GAMMA RAY INCREASES — API 14 — 0 140

NEUTRON INCREASES — API 200 — 200 2200 4200



D.H. 13

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO

COMPANY CROWS NEST INDUSTRIES LTD.

WELL DH - 13

LOCATION CORBIN

FIELD CORBIN

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev

Log Measured from GROUND LEVEL Ft Above Perm Datum

Well Depth Measured from GROUND LEVEL

Other Services: NIL.

K.B.

CSG

G.L.

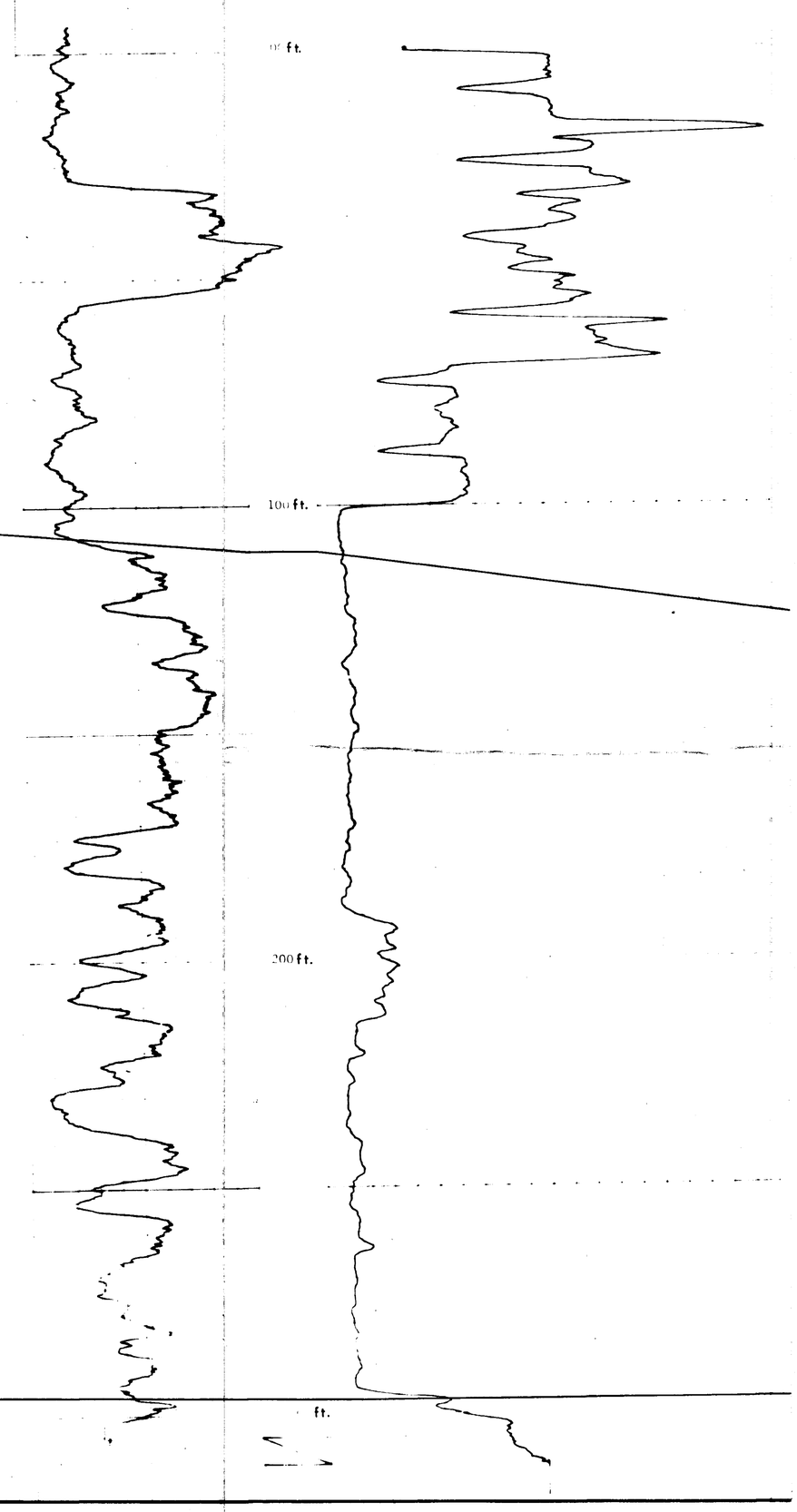
Run No.	ONE
Date	16 SEPTEMBER 1975
First Reading	311
Last Reading	00
Footage Logged	311
Depth Reached	312
Depth Driller	
Casing Rake	
Casing Driller	
Fluid Type	
Liquid Level	
Mn Diam	5-1/8
Rm @ °F	
Operating Time	1 HOUR
Truck No.	33

Recorded By JOHNSON Witnessed By CRABB

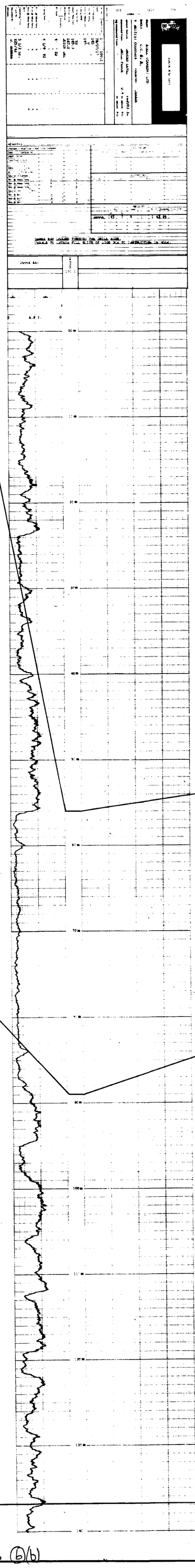
GAMMA RAY | DEPTHS | NEUTRON

GAMMA RAY INCREASES — API 8 — 0 80

NEUTRON INCREASES — API 100 — 0 1000 2000

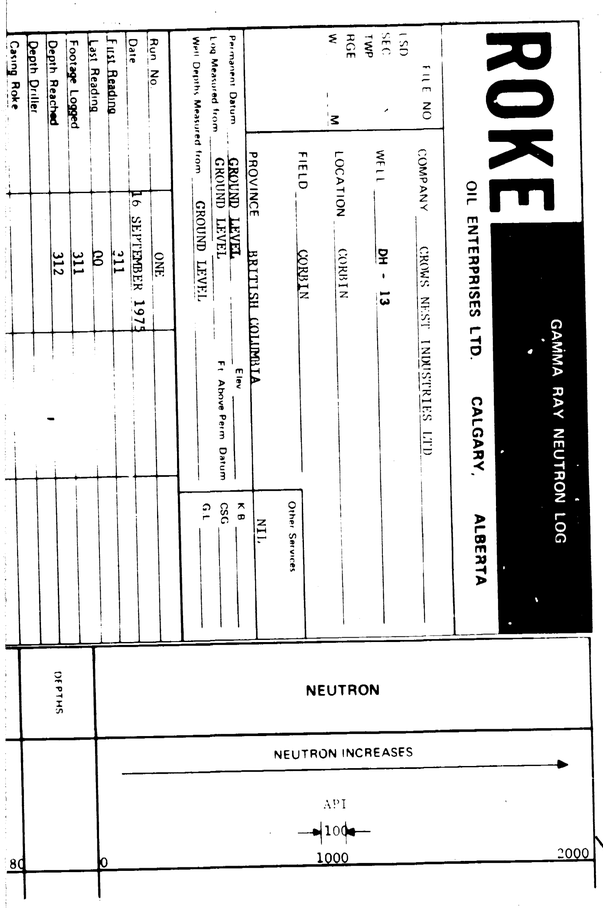


D.H. 6A



386 5/6 (b)(b)

D.H. 13



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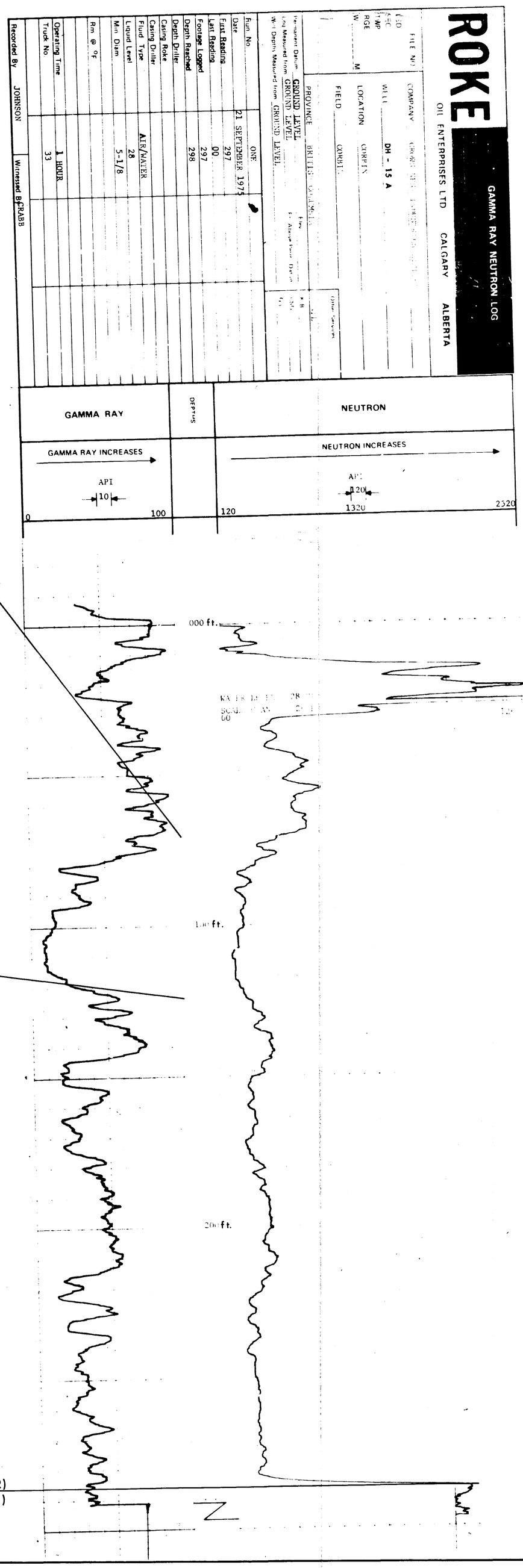
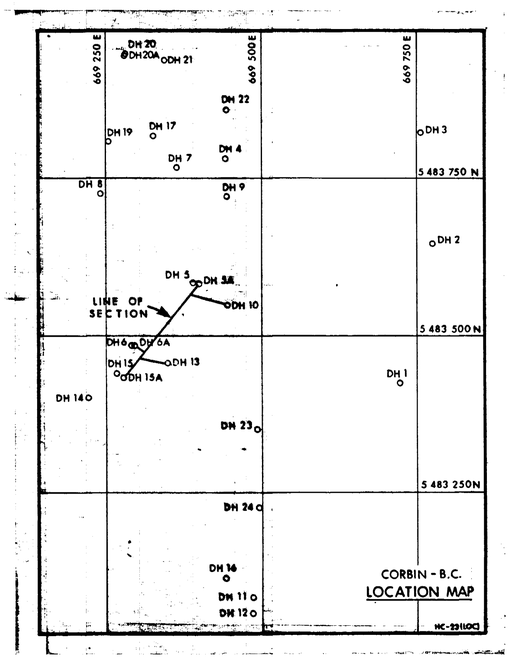
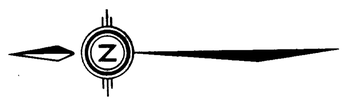






LEGEND

Jk(4)	KOOTENAY FM. – Upper sandstone and shale series.
Jk(3)	KOOTENAY FM. – Upper Mammoth Seam: coal with minor claystone bands and lenses.
Jk(2)	KOOTENAY FM. – Lower Mammoth Seam: claystone, stoney coal and thin coal lenses.
Jk(1)	KOOTENAY FM. – Moose Mountain Sandstone.

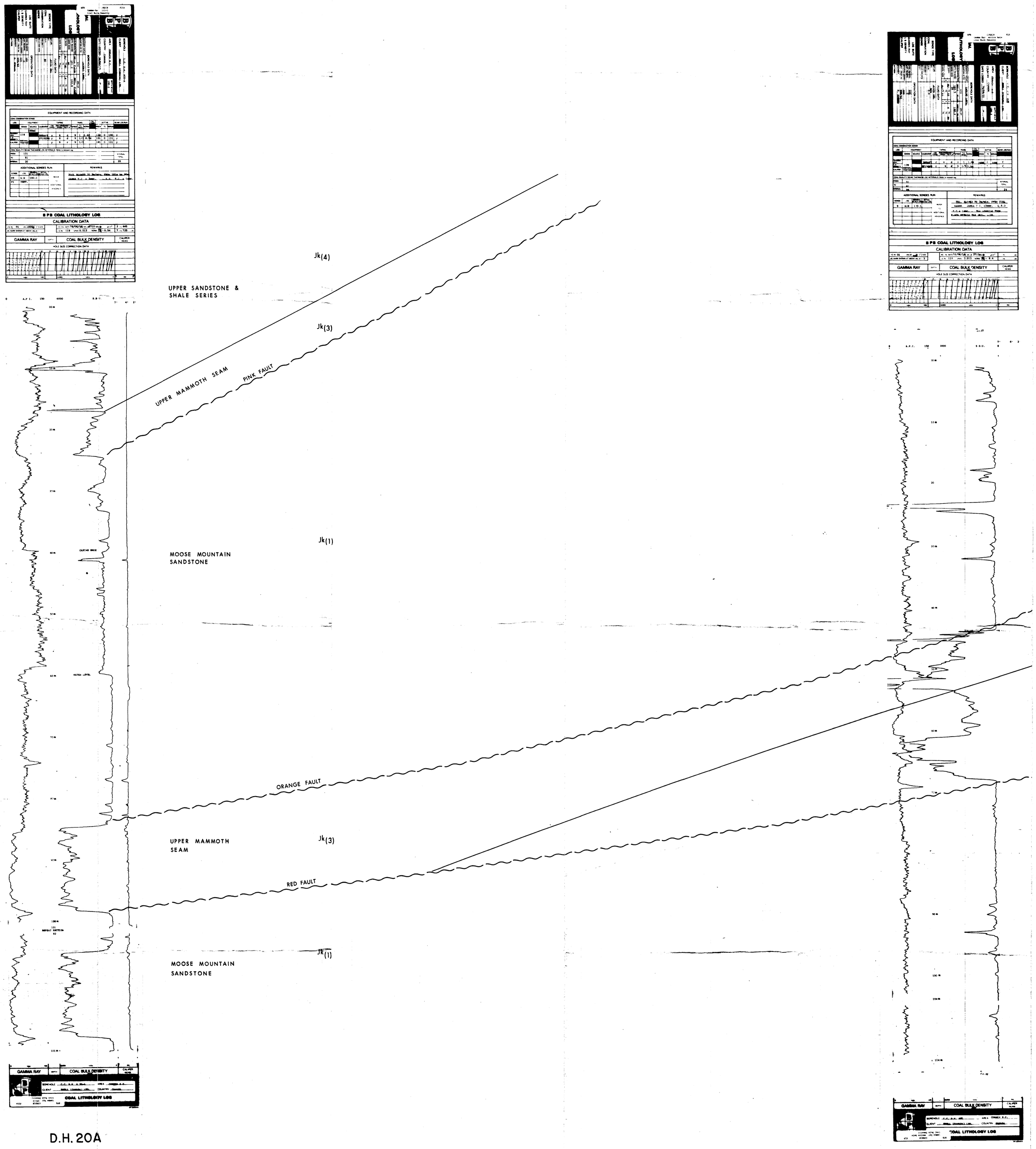
P/C 386 5/6 (b)(c)

Crows Nest Resources Limited
EXPLORATION

CORBIN AREA
B.C.

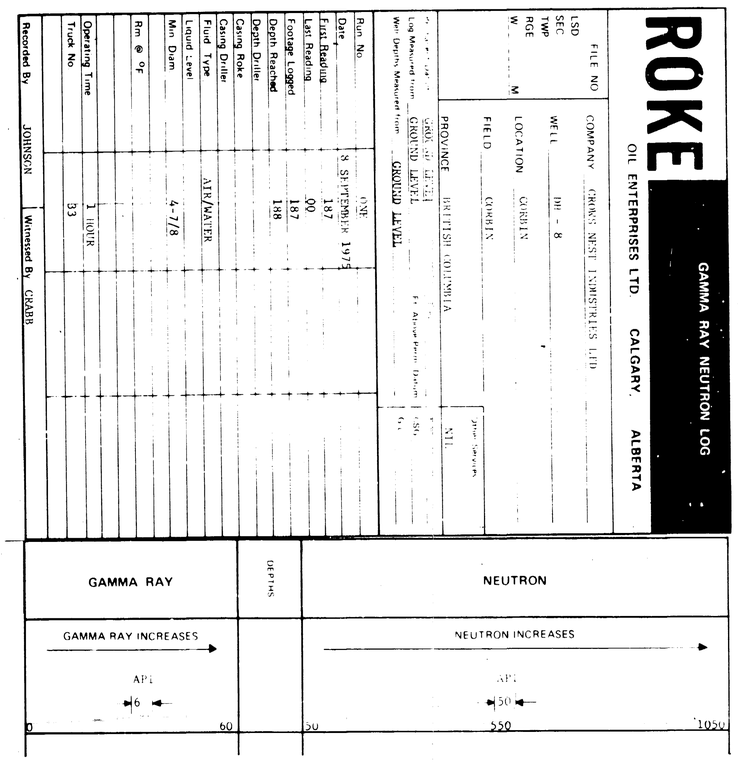
CORRELATION CHART
MIDDLE SYNCLINE
SHEET I

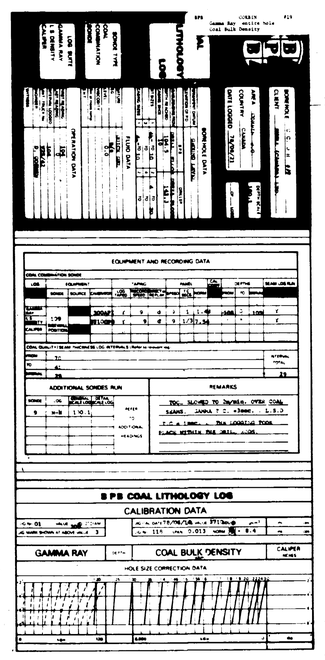
AUTHOR: G. HOFFMAN | SCALE: 1:200 | ENCLOSURE No.:
DATE: APRIL 1976 | REVISED: | DRAWING No: HE-23

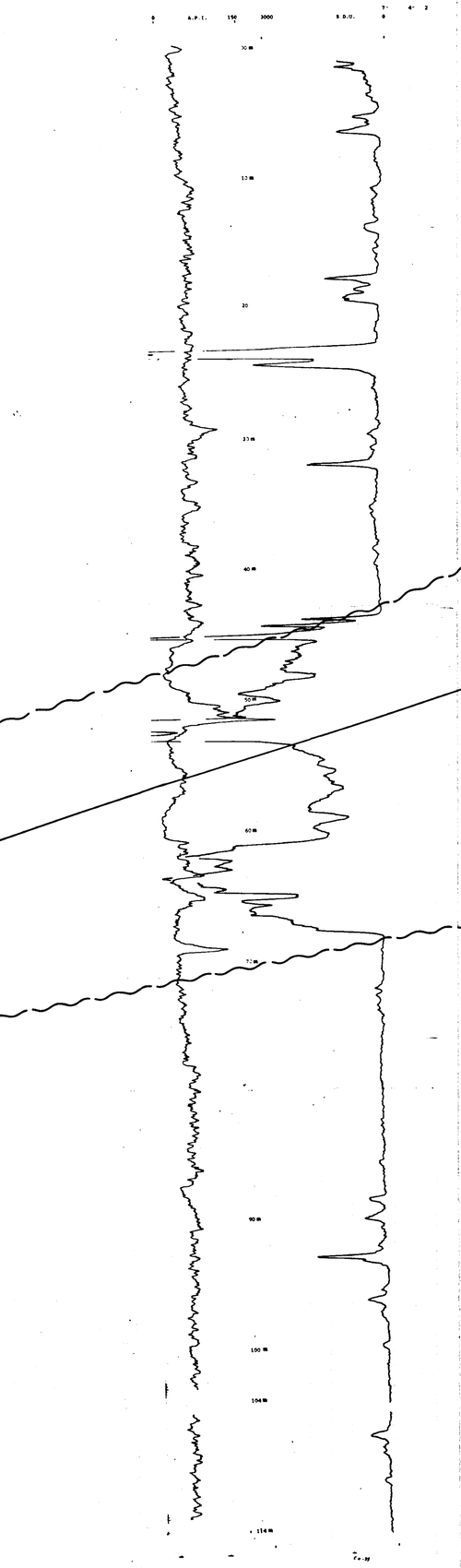

Jk(4)
UPPER SANDSTONE & SHALE SERIES
Jk(3)
UPPER MAMMOTH SEAM
PINK FAULT
Jk(1)
MOOSE MOUNTAIN SANDSTONE
ORANGE FAULT
UPPER MAMMOTH SEAM
Jk(3)
RED FAULT
Jk(1)
MOOSE MOUNTAIN SANDSTONE
GAMMA RAY
COAL BULK DENSITY
COAL LITHOLOGY LOG
D.H. 20A
D.H. 19

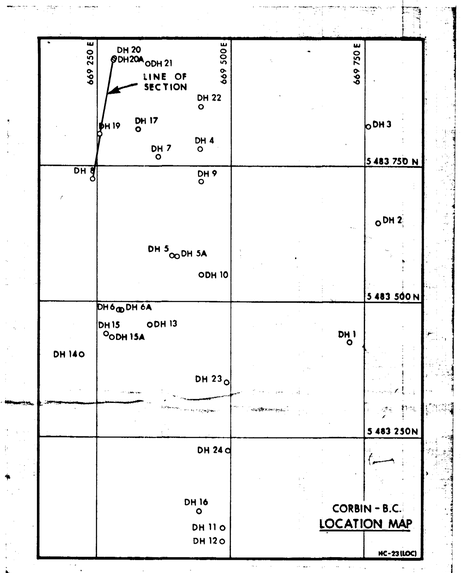
P/C

386 5/6 (7)(a)



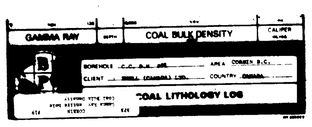






LEGEND

Jk(4)	KOOTENAY FM. – Upper sandstone and shale series.
Jk(3)	KOOTENAY FM. – Upper Mammoth Seam: coal with minor claystone bands and lenses.
Jk(2)	KOOTENAY FM. – Lower Mammoth Seam: claystone, stoney coal and thin coal lenses.
Jk(1)	KOOTENAY FM. – Moose Mountain Sandstone.



D.H. 19

386

K-SHEET - CORBIN 78(2)B. (7)(b)

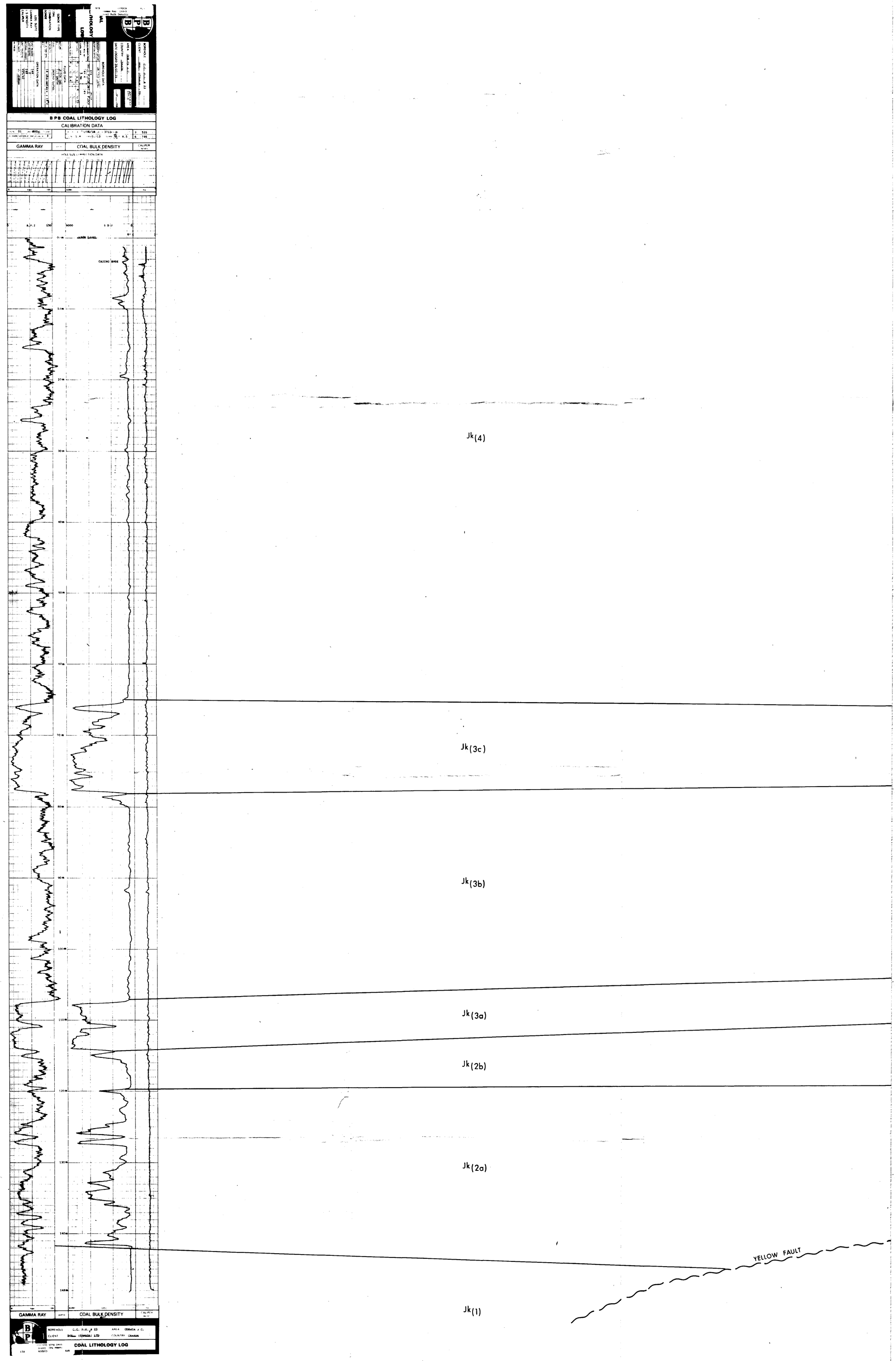
Crows Nest Resources Limited
EXPLORATION

CORBIN AREA
B.C.

CORRELATION CHART
WEST SYNCLINE

AUTHOR: G. HOFFMAN	SCALE: 1:200	ENCLOSURE No.:
DATE: APRIL 1979	REVISED:	DRAWING No: HE-23B
To Accompany		

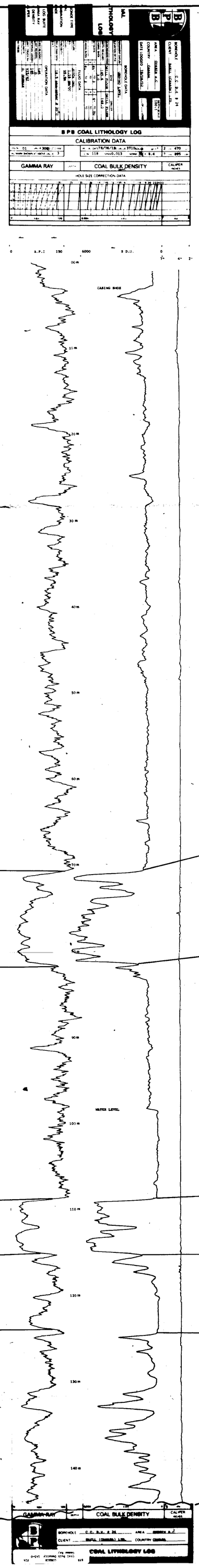
P/C

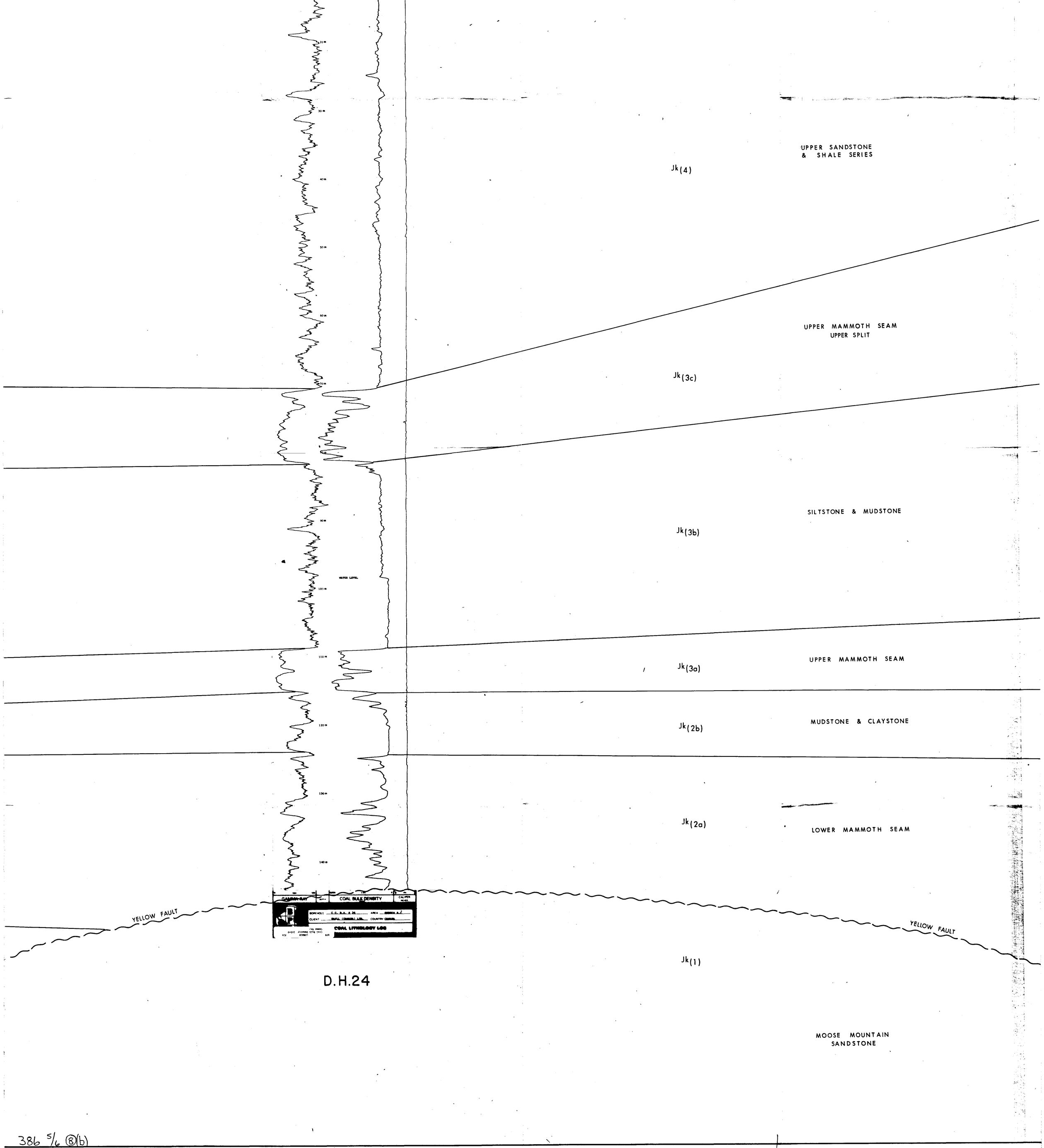


D.H.23

P/C

386⑧(a)


SPB COAL LITHOLOGY LOG
CALIBRATION DATA
GAMMA RAY
COAL BULK DENSITY
CALIPER
HOLE SIZE CORRECTION DATA
CASING SHOE
WATER LEVEL
COAL LITHOLOGY LOG


UPPER SANDSTONE & SHALE SERIES
Jk(4)
UPPER MAMMOTH SEAM
UPPER SPLIT
Jk(3c)
SILTSTONE & MUDSTONE
Jk(3b)
UPPER MAMMOTH SEAM
Jk(3a)
MUDSTONE & CLAYSTONE
Jk(2b)
Jk(2a)
LOWER MAMMOTH SEAM
YELLOW FAULT
YELLOW FAULT
Jk(1)
D.H.24
MOOSE MOUNTAIN SANDSTONE

386 5/6 (8)(b)

Recorded By JOHNSON Witnessed By CRABB

ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

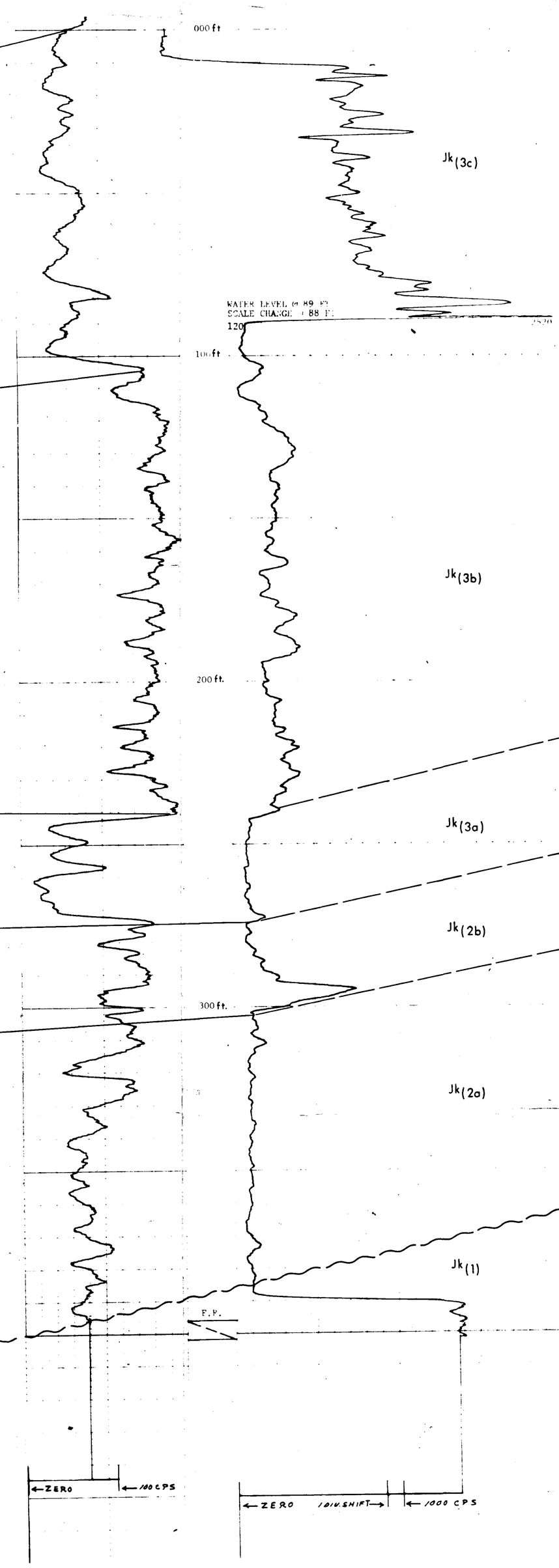
FILE NO	COMPANY CROWS NEST INDUSTRIES LTD		
LSD			
SEC	WELL DH - 11		
TWP			
RGE	LOCATION CORBIN		
W M	FIELD CORBIN		
PROVINCE BRITISH COLUMBIA		Other Services	DENS-CAL
Permanent Datum GROUND LEVEL	Elev.	K.B.	
Log Measured from GROUND LEVEL	Ft. Above Perm. Datum	CSG	
Well Depths Measured from GROUND LEVEL		G.L.	

Run No	ONE
Date	14 SEPTEMBER 1975
First Reading	402
Last Reading	00
Footage Logged	402
Depth Reached	403
Depth Driller	
Casing Roke	
Casing Driller	
Fluid Type	AIR/WATER
Liquid Level	89
Min. Diam.	5-1/8
Rm @ °F	
Operating Time	1 HOUR
Truck No.	33
Recorded By JOHNSON	Witnessed By CRABB

GAMMA RAY | DEPTHS | NEUTRON

GAMMA RAY INCREASES — API 16 — 0 — 160

NEUTRON INCREASES — API 240 — 3360 — 5760



D.H. 11

D.H. 16

Recorded By JOHNSON Witnessed By CRABB

ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO	COMPANY CROWS NEST INDUSTRIES LIMITED		
LSD			
SEC	WELL DH - 16		
TWP			
RGE	LOCATION CORBIN		
W M	FIELD CORBIN		
PROVINCE BRITISH COLUMBIA		Other Services	DENS-CAL
Permanent Datum GROUND LEVEL	Elev.	K.B.	
Log Measured from GROUND LEVEL	Ft. Above Perm. Datum	CSG	
Well Depths Measured from GROUND LEVEL		G.L.	

Run No.	ONE
Date	22 SEPTEMBER 1975
First Reading	231
Last Reading	00
Footage Logged	231
Depth Reached	232
Depth Driller	
Casing Roke	
Casing Driller	
Fluid Type	AIR/WATER
Liquid Level	196
Min. Diam.	5-1/8
Rm @ °F	
Operating Time	1 HOUR
Truck No.	33
Recorded By JOHNSON	Witnessed By CRABB

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	$1\frac{11}{16}$	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	$1\frac{11}{16}$
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	4 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	6.7 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	188
HOIST TRUCK NO.	33	SPACING	17 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	R GRN 169-001	STRENGTH	3 CURIES

LOGGING DATA

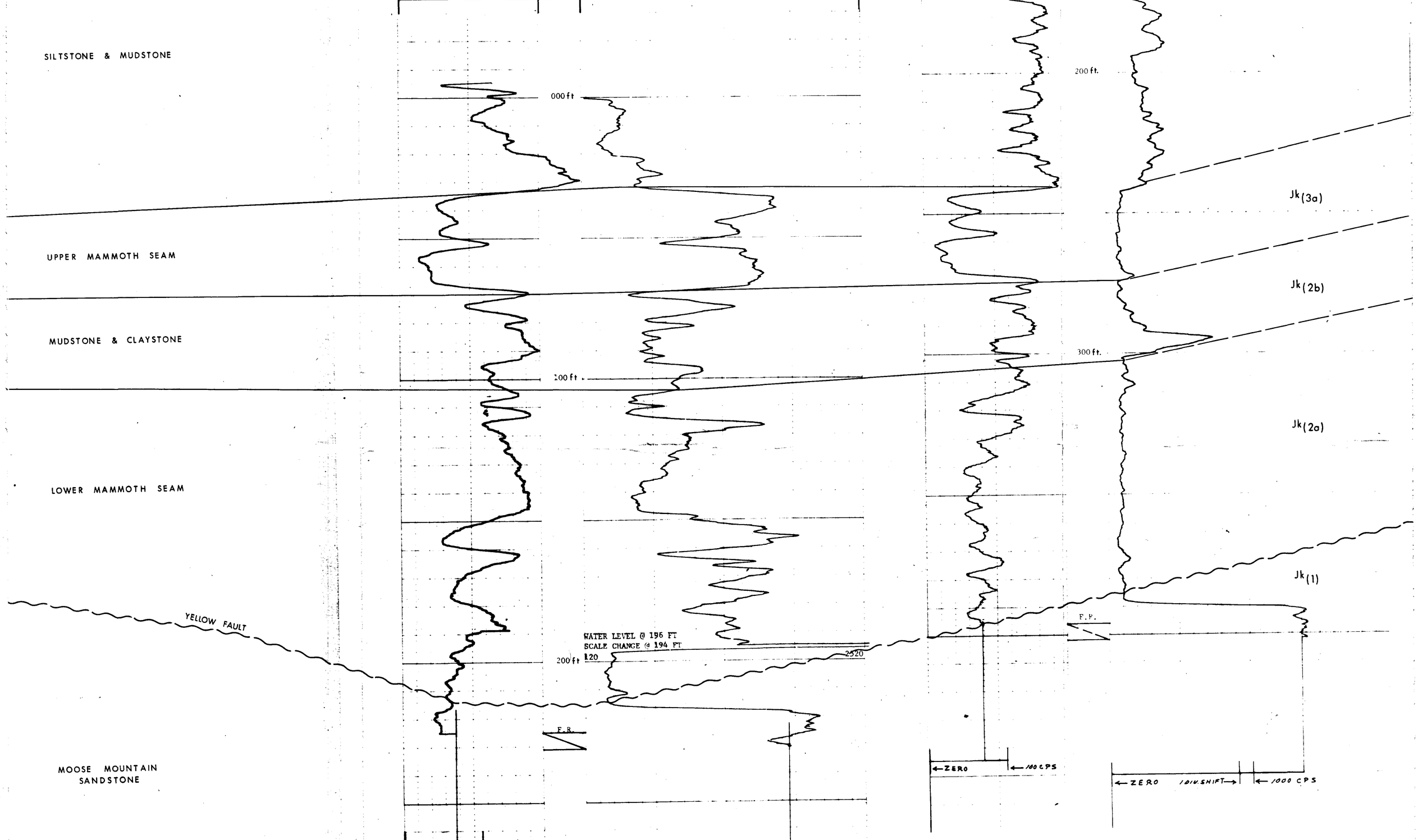
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G R UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	00	194	12	5	100	0L	16 API	3	500	9L	240 API
	194	231	12	5	100	0L	16 API	3	1000	1L	120 API

REMARKS

GAMMA RAY | DEPTHS | NEUTRON

GAMMA RAY INCREASES — API 16 — 0 — 160

NEUTRON INCREASES — API 240 — 2160 — 4560 — 6960



386 5/6 (8)(c)

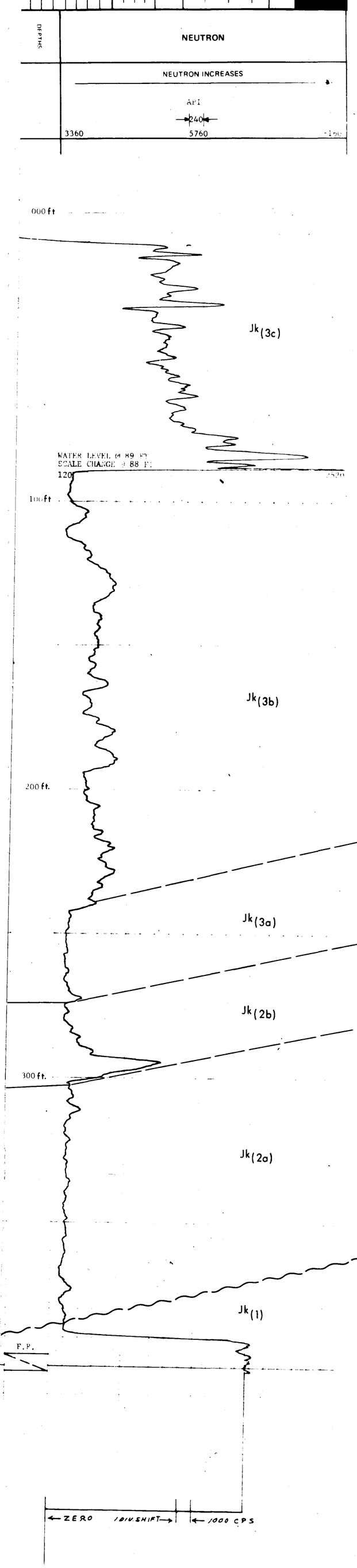
ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO	
LSD	
SEC	
TWP	
RGE	
W ____ M	
COMPANY	CROWS NEST INDUSTRIES LTD
WELL	DH - 11
LOCATION	CORBIN
FIELD	CORBIN
PROVINCE	BRITISH COLUMBIA
Permanent Datum	GROUND LEVEL, Elev.
Log Measured from	GROUND LEVEL, Ft. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
Other Services:	DENS-CAL
K.B.	
CSG.	
G.L.	

Run No.	ONE
Date	14 SEPTEMBER 1975
First Reading	402
Last Reading	00
Footage Logged	402
Depth Reached	403
Depth Driller	



D.H. 11

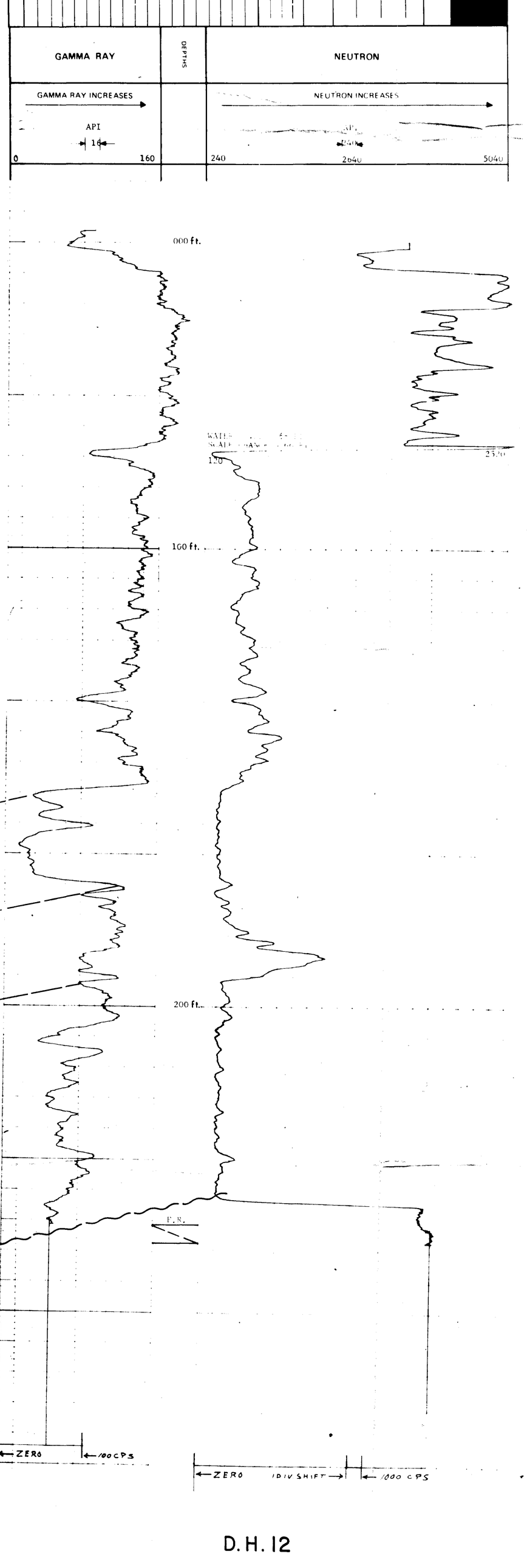
ROKE

GAMMA RAY NEUTRON LOG

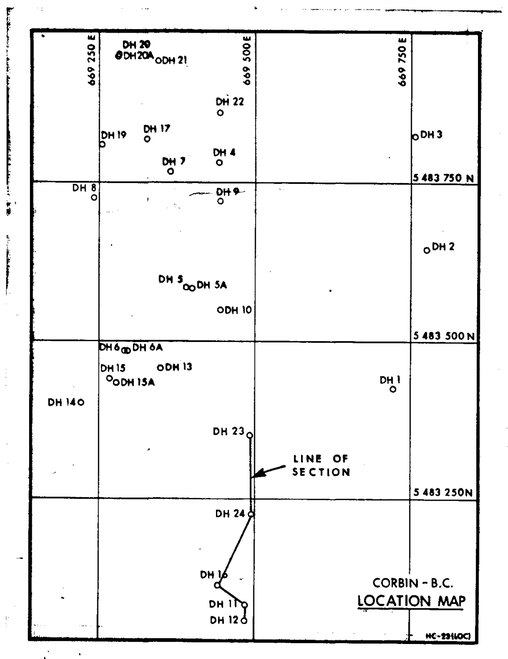
OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO	
LSD	
SEC	
TWP	
RGE	
W ____ M	
COMPANY	CROWS NEST INDUSTRIES LTD
WELL	DH - 12
LOCATION	CORBIN
FIELD	CORBIN
PROVINCE	BRITISH COLUMBIA
Permanent Datum	GROUND LEVEL, Elev.
Log Measured from	GROUND LEVEL, Ft. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
Other Services:	DENS-CAL
K.B.	
CSG.	
G.L.	

Run No.	ONE
Date	15 SEPTEMBER 1975
First Reading	327
Last Reading	00
Footage Logged	327
Depth Reached	328
Depth Driller	
Casing Rake	
Casing Driller	
Fluid Type	AIR/WATER
Liquid Level	68
Min. Diam.	5-1/8
Rm @ °F	
Operating Time	1 HOUR
Truck No.	33
Recorded By	JOHNSON
Witnessed By	CRABB



D.H. 12



LEGEND

Jk(4)	KOOTENAY FM. – Upper sandstone and shale series.
Jk(3)	KOOTENAY FM. – Upper Mammoth Seam: coal with minor claystone bands and lenses.
Jk(2)	KOOTENAY FM. – Lower Mammoth Seam: claystone, stoney coal and thin coal lenses.
Jk(1)	KOOTENAY FM. – Moose Mountain Sandstone.
Jk(3c)	Upper Mammoth Seam: upper split.
Jk(3b)	Interbedded siltstone and mudstone.
Jk(3a)	Upper Mammoth Seam: lower split.
Jk(2b)	Interbedded mudstone and claystone.
Jk(2a)	Lower Mammoth Seam.

386 5/6 (8)(d)

K-SHELL - CORBIN 78 (1) B.

Crows Nest Resources Limited

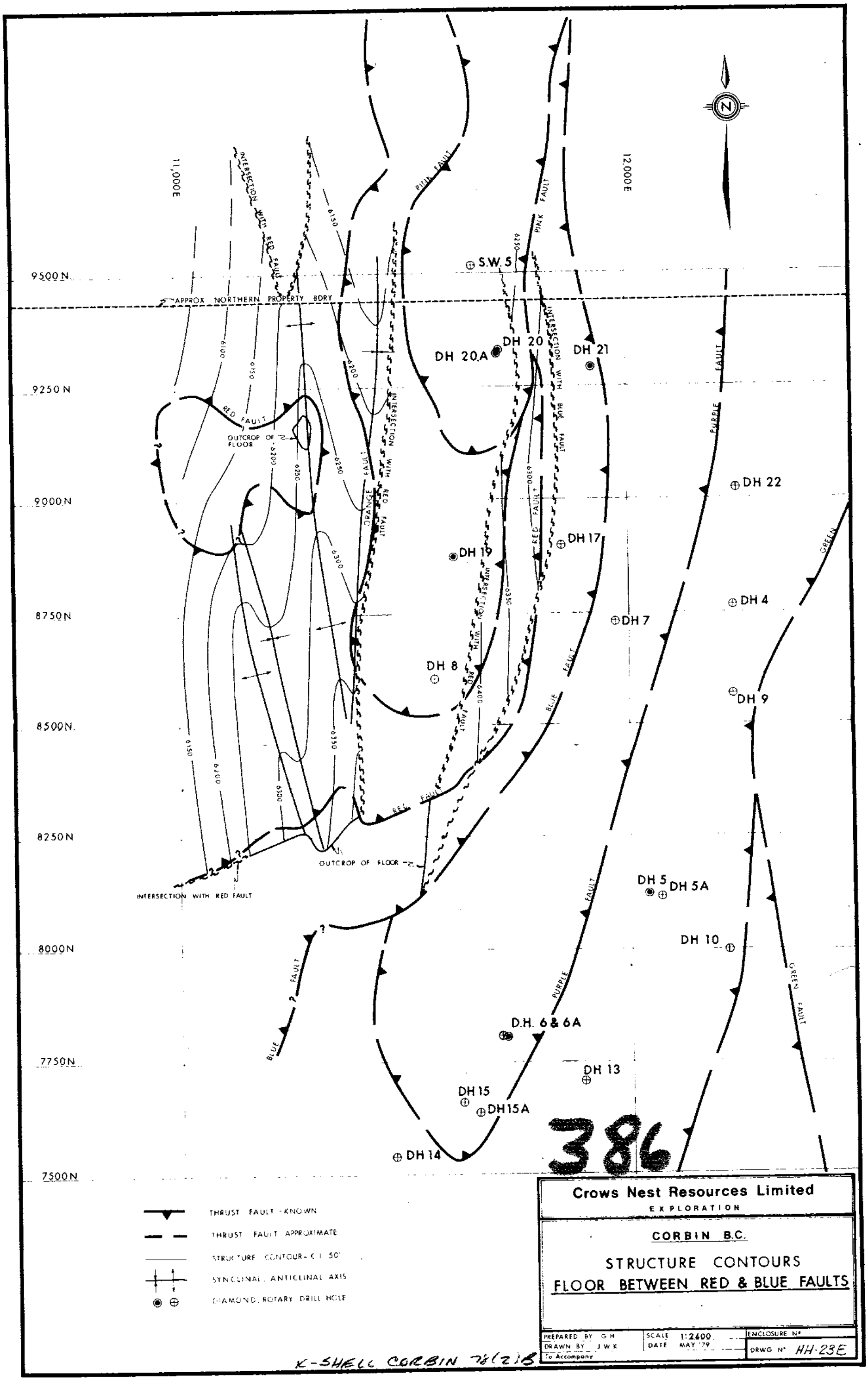
EXPLORATION

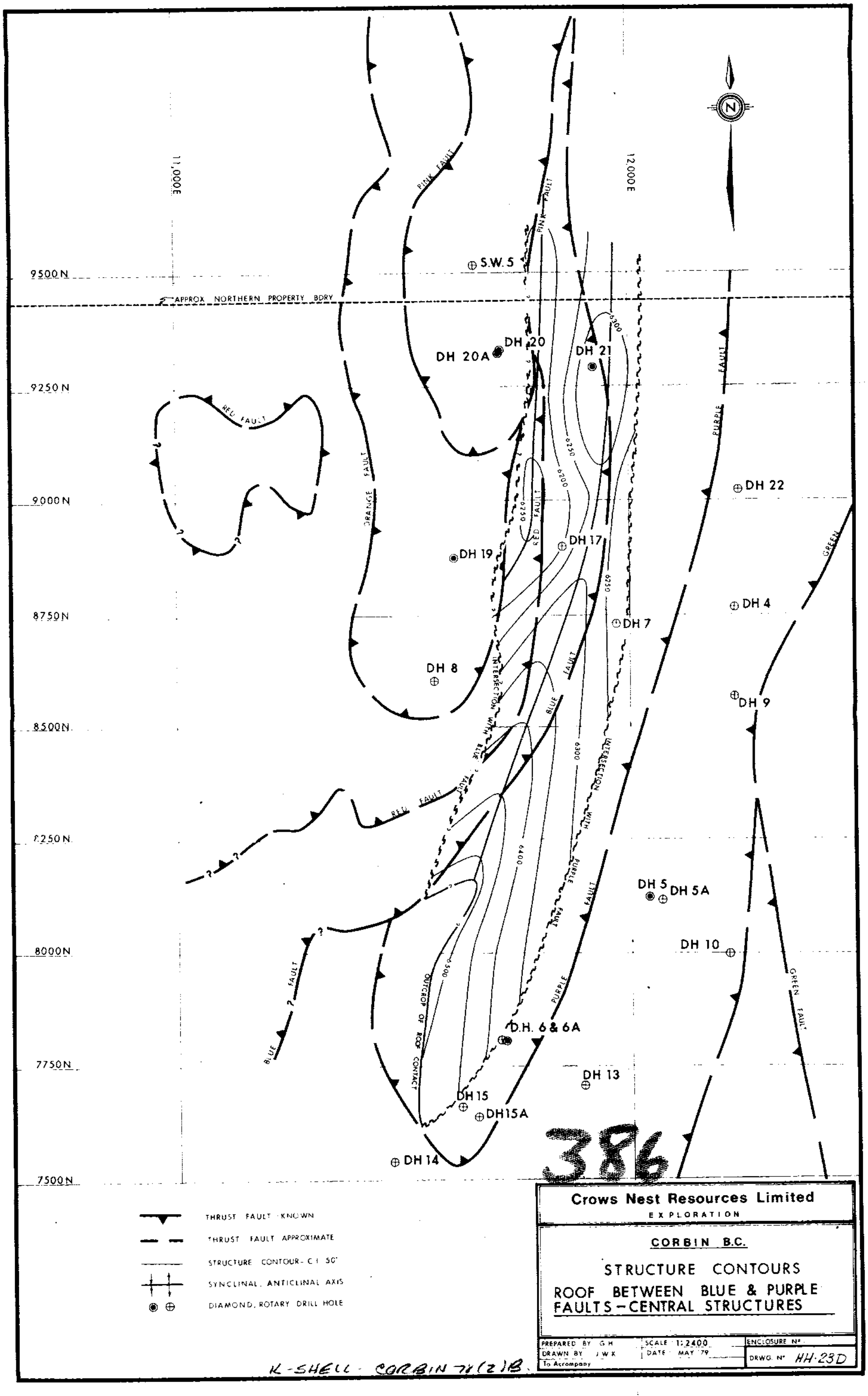
CORBIN AREA
B.C.

CORRELATION CHART
SOUTH SYNCLINE

AUTHOR: G. HOFFMAN	SCALE: 1:200	ENCLOSURE No:
DATE: APRIL 1979	REVISED:	DRAWING No: HE-23A
To Accompany		

P/C


11,000E
12,000E
9500N
9250N
9000N
8750N
8500N
8250N
8000N
7750N
7500N
APPROX NORTHERN PROPERTY BDRY
INTERSECTION WITH RED FAULT
PINK FAULT
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 17
DH 19
DH 4
DH 7
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
RED FAULT
OUTCROP OF FLOOR
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
6150
6100
6200
6250
6300
6350
6400
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
386
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
FLOOR BETWEEN RED & BLUE FAULTS
PREPARED BY G.H.
DRAWN BY J.W.K.
To Accompany
SCALE 1:2400
DATE MAY '79
ENCLOSURE N°
DRWG N° HH-23E
K-SHELL CORBIN 78(2)B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12,000E
9500N
9250N
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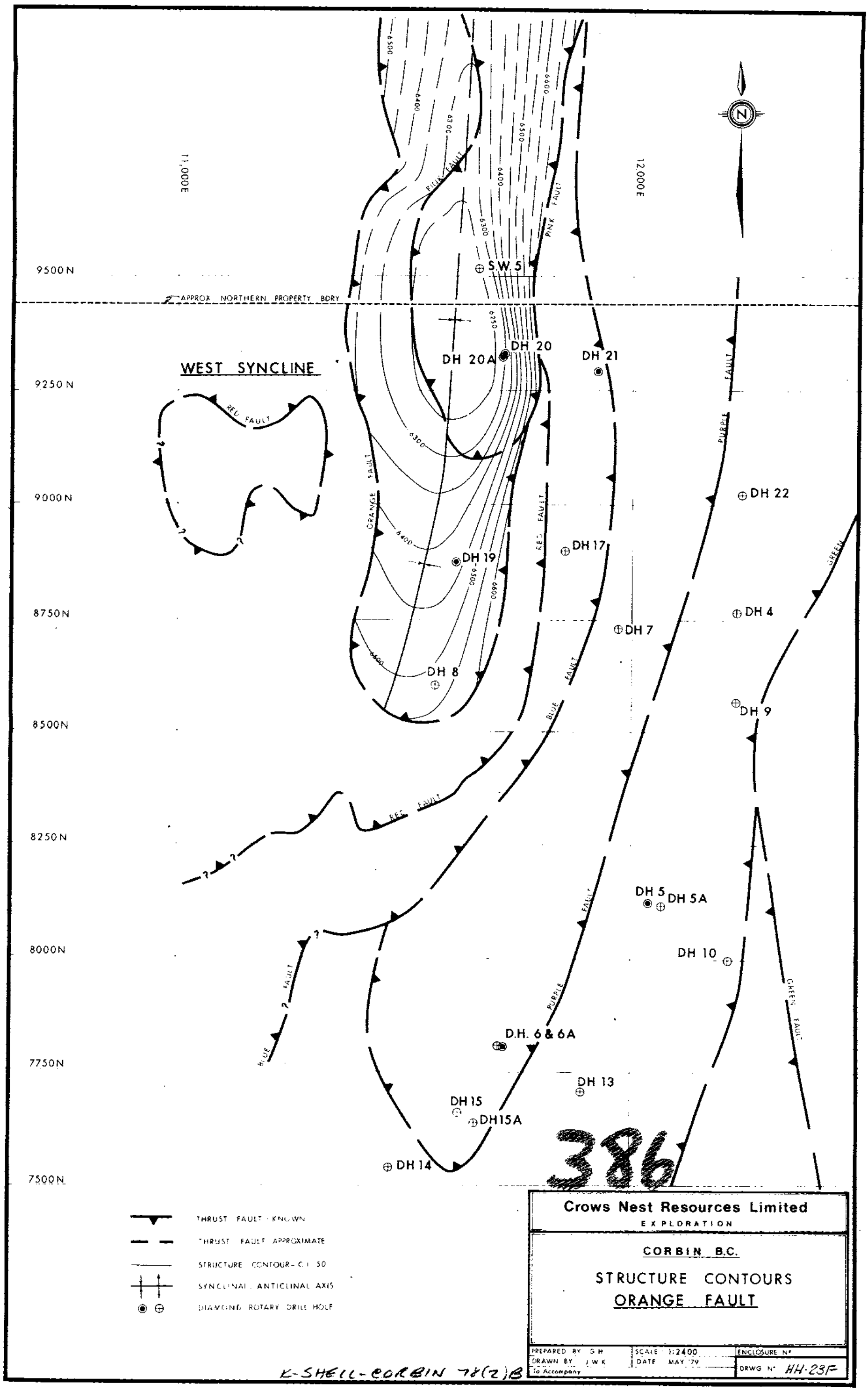
8750N
8500N
8250N
8000N
7750N
7500N
APPROX NORTHERN PROPERTY BDRY
S.W. 5
DH 20A
DH 20
DH 21
DH 22
DH 19
DH 17
DH 7
DH 4
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
RED FAULT
ORANGE FAULT
PINK FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
INTERSECTION WITH BLUE FAULT
INTERSECTION WITH PURPLE FAULT
OUTCROP OF ROOF CONTACT
6300
6250
6200
6150
6100
6050
6000
5900
5800
THRUST FAULT KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
ROOF BETWEEN BLUE & PURPLE FAULTS – CENTRAL STRUCTURES
PREPARED BY G.H.
DRAWN BY J.W.K.
To Accompany
SCALE 1:2400
DATE MAY '79
ENCLOSURE N°
DRWG. N° HH-23D
386
K-SHELL - CORBIN 78(2)B.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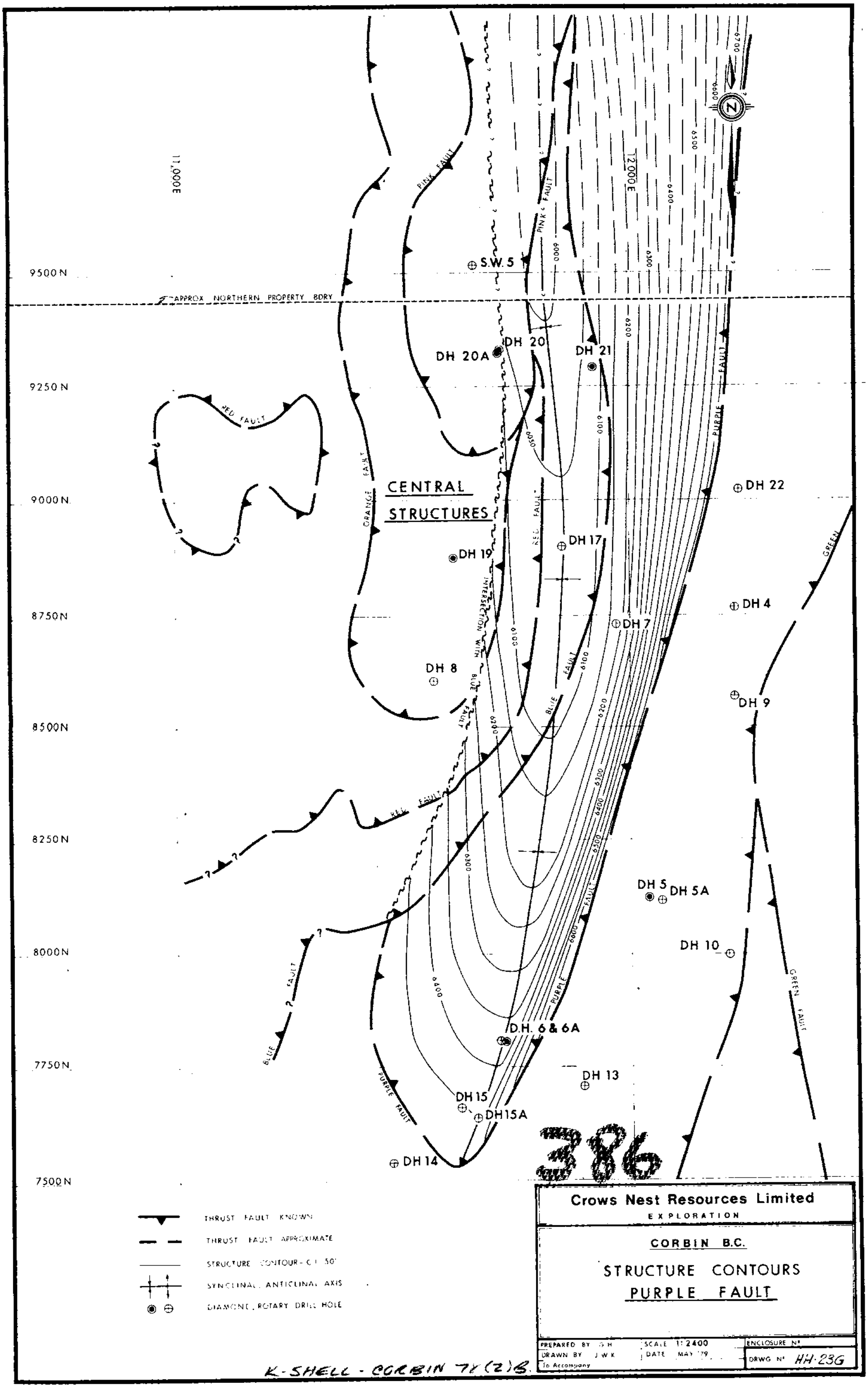
8250N
8000N
7750N
7500N
APPROX NORTHERN PROPERTY BDRY
WEST SYNCLINE
PINK FAULT
RED FAULT
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
S.W.5
DH 20
DH 20A
DH 21
DH 22
DH 17
DH 19
DH 7
DH 4
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH15A
DH 14
6500
6400
6300
6250
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50
SYNCLINAL ANTICLINAL AXIS
DIAMOND ROTARY DRILL HOLE
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
ORANGE FAULT
PREPARED BY G.H.
DRAWN BY J.W.K.
To Accompany
SCALE 1:2400
DATE MAY '79
ENCLOSURE N°
DRWG N° HH-23F
386
K-SHELL-CORBIN 78(2)B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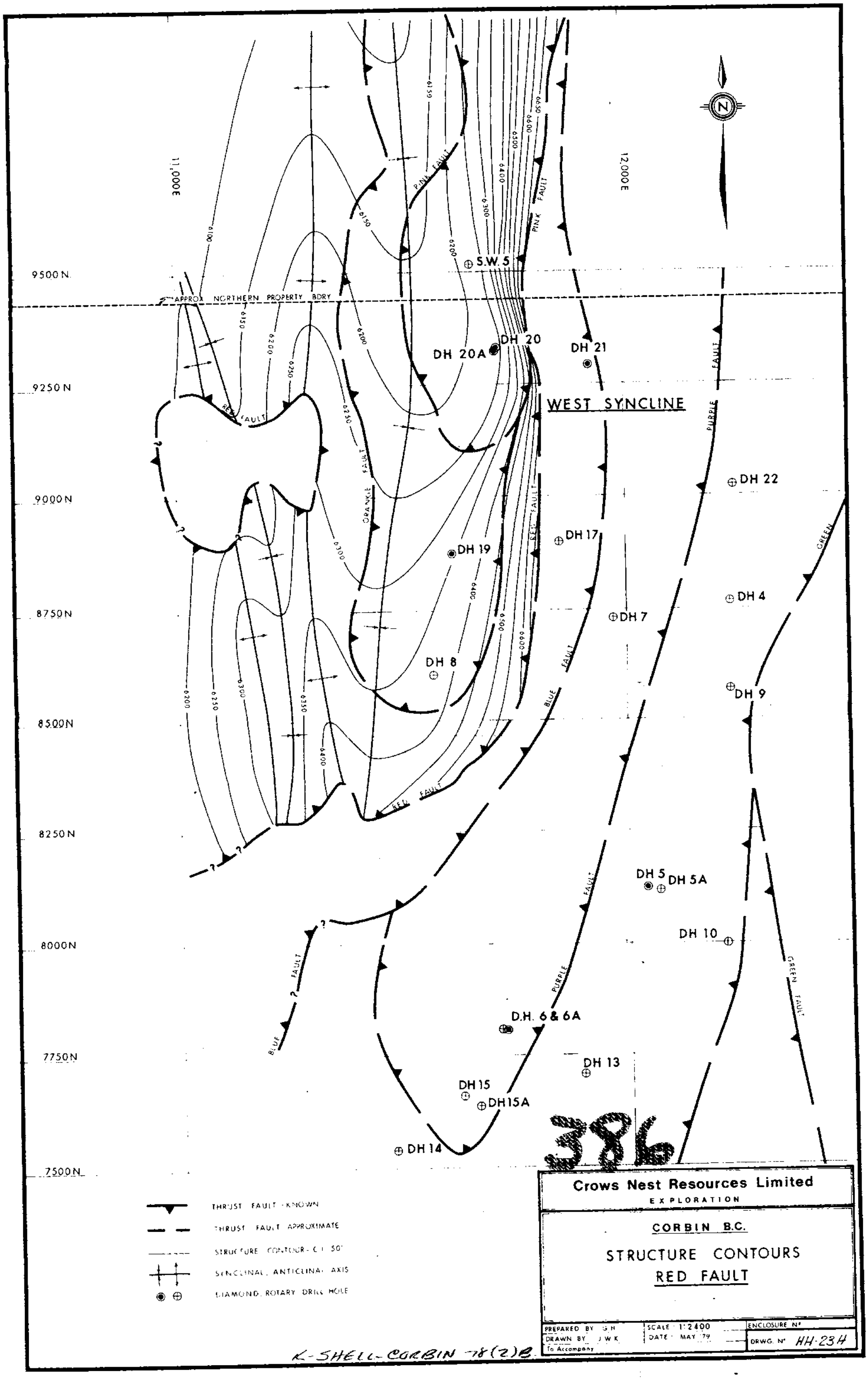
7750N
7500N
APPROX NORTHERN PROPERTY BDRY
PINK FAULT
RED FAULT
ORANGE FAULT
CENTRAL STRUCTURES
INTERSECTION WITH BLUE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
S.W.5
DH 20
DH 20A
DH 21
DH 22
DH 17
DH 19
DH 4
DH 7
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
THRUST FAULT KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
386
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
PURPLE FAULT
PREPARED BY G.H.
DRAWN BY J.W.K.
To Accompany
SCALE 1:2400
DATE MAY '79
ENCLOSURE Nº
DRWG Nº HH-23G
K-SHELL - CORBIN 7X(2)B.


11,000 E
12,000 E
9500 N
9250 N
9000 N
8750 N
8500 N
8250 N
8000 N
7750 N
7500 N
APPROX NORTHERN PROPERTY BDRY
S.W. 5
DH 20A
DH 20
DH 21
WEST SYNCLINE
DH 22
DH 17
DH 19
DH 4
DH 7
DH 8
DH 9
DH 5
DH 5A
DH 10
D.H. 6 & 6A
DH 13
DH 15
DH 15A
DH 14
PINK FAULT
RED FAULT
ORANGE FAULT
BLUE FAULT
PURPLE FAULT
GREEN FAULT
THRUST FAULT - KNOWN
THRUST FAULT APPROXIMATE
STRUCTURE CONTOUR - C.I. 50'
SYNCLINAL, ANTICLINAL AXIS
DIAMOND, ROTARY DRILL HOLE
386
Crows Nest Resources Limited
EXPLORATION
CORBIN B.C.
STRUCTURE CONTOURS
RED FAULT
PREPARED BY G.H.
DRAWN BY J.W.K.
To Accompany
SCALE 1:2400
DATE MAY 79
ENCLOSURE N°
DRWG. N° HH-23H
K-SHELL-CORBIN 78(2)B

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	CROWS NEST INDUSTRIES LIMITED
WELL	DH-4
LOCATION	CORBIN
FIELD	CORBIN
PROVINCE	BRITISH COLUMBIA
Other Services	DENS
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	GROUND LEVEL Ft. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	

Run. No.	ONE		
Date	13 DECEMBER 1974		
First Reading	338		
Last Reading	0		
Footage Logged	338		
Depth Reached	339		
Depth Driller			
Casing Roke			
Casing Driller			
Fluid Type	AIR/WATER		
Liquid Level	136		
Min. Diam.	4-7/8		
Rm @ °F			
Operating Time	1 HOUR		
Truck No.	33		

Recorded By JOHNSON Witnessed By CRABB

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	ONE	ONE
LOG TYPE		NEUTRON/NEUTRON
TOOL MODEL NO.		
DIAMETER	1 11/16	1 11/16
DETECTOR MODEL NO.	GEIGER	PROPORTIONAL
TYPE	18 INCH	6 INCH
LENGTH	8.55 FT.	MRC-N-SS-W
DISTANCE TO N. SOURCE		
SOURCE MODEL NO.		598
SERIAL NO.		19 INCH
SPACING	33	Amba
TYPE		
STRENGTH	65	3 CURIES
HOIST TRUCK NO.		
INSTRUMENT TRUCK NO.		
TOOL SERIAL NO.		

LOGGING DATA

| GENERAL | | |

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO

LSD
SEC
TWP
RGE
W M

COMPANY CROWS NEST INDUSTRIES LIMITED
WELL DH-4
LOCATION CORBIN
FIELD CORBIN

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Ft. Above Perm. Datum
Well Depths Measured from GROUND LEVEL

Other Services: DENS
K.B.
CSG
G.L.

Run No.	ONE
Date	13 DECEMBER 1974
First Reading	338
Last Reading	0
Footage Logged	338
Depth Reached	339
Depth Driller	
Casing Rake	
Casing Driller	
Fluid Type	AIR/WATER
Liquid Level	136
Min. Diam.	4-7/8
Rm @ °F	
Operating Time	1 HOUR
Truck No.	33

Recorded By JOHNSON Witnessed By GRABB

EQUIPMENT DATA

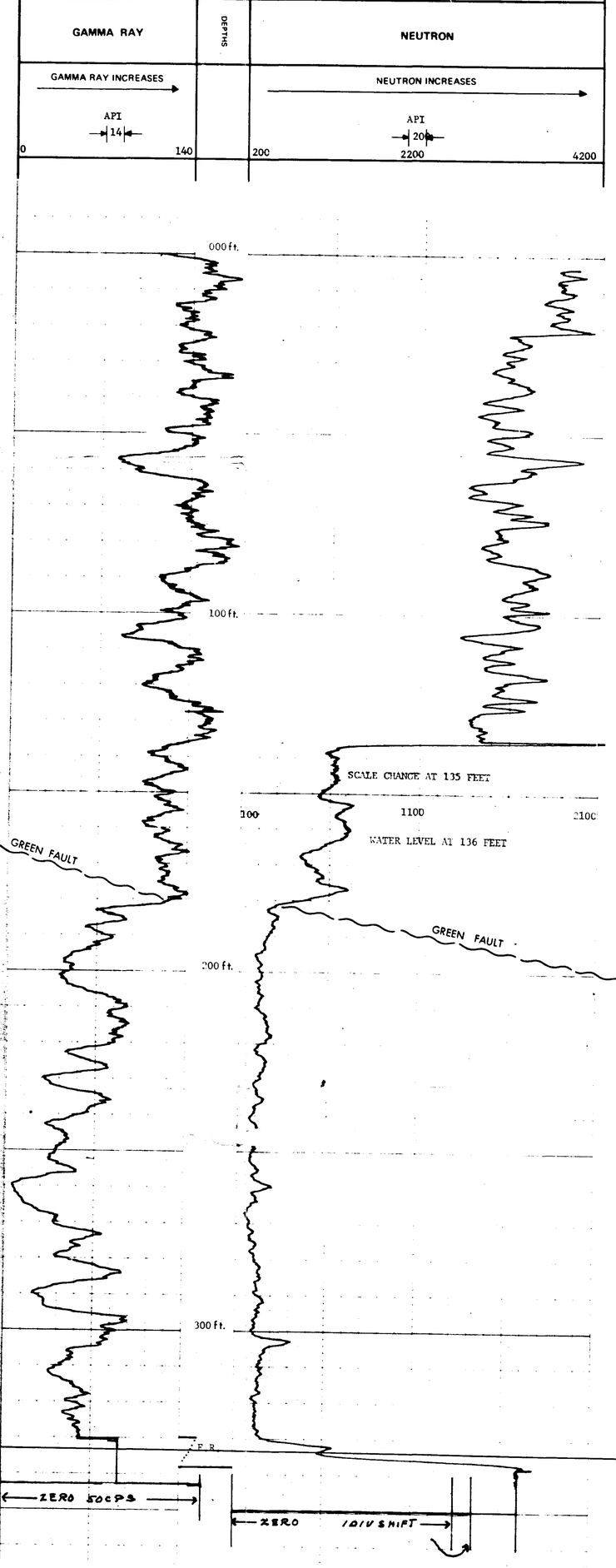
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	$1\frac{11}{16}$	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	$1\frac{11}{16}$
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	19 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

GENERAL	
HOIST TRUCK NO.	33
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	65

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G R UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	135	12	5	100	0L	14 API	3	1000	1L	200 API
	136	338	12	5	100	0L	14 API	3	500	1L	100 API

REMARKS



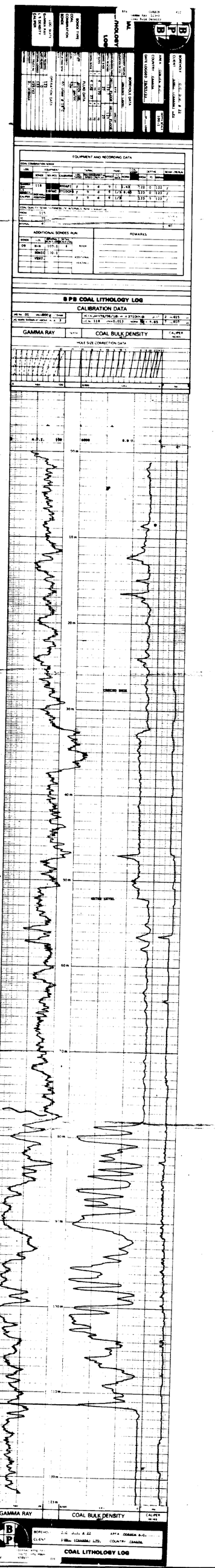
D.H. 4

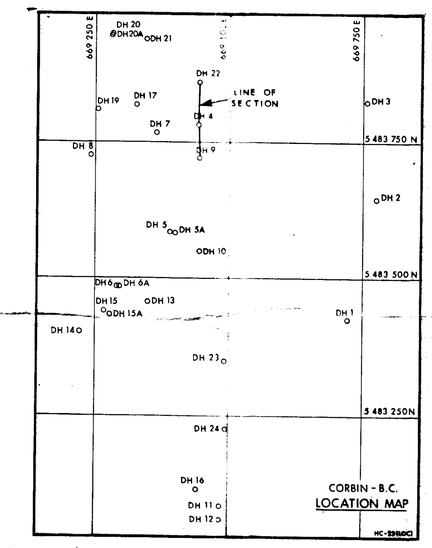
UPPER SANDSTONE & SHALE SERIES

LOWER MAMMOTH SEAM

MOOSE MOUNTAIN SANDSTONE

D.H. 22





LEGEND

Jk(4)	KOOTENAY FM. – Upper sandstone and shale series.
Jk(3)	KOOTENAY FM. – Upper Mammoth Seam: coal with minor claystone bands and lenses.
Jk(2)	KOOTENAY FM. – Lower Mammoth Seam: claystone, stoney coal and thin coal lenses.
Jk(1)	KOOTENAY FM. – Moose Mountain Sandstone.

P/C 386 5/6 (9)(b)

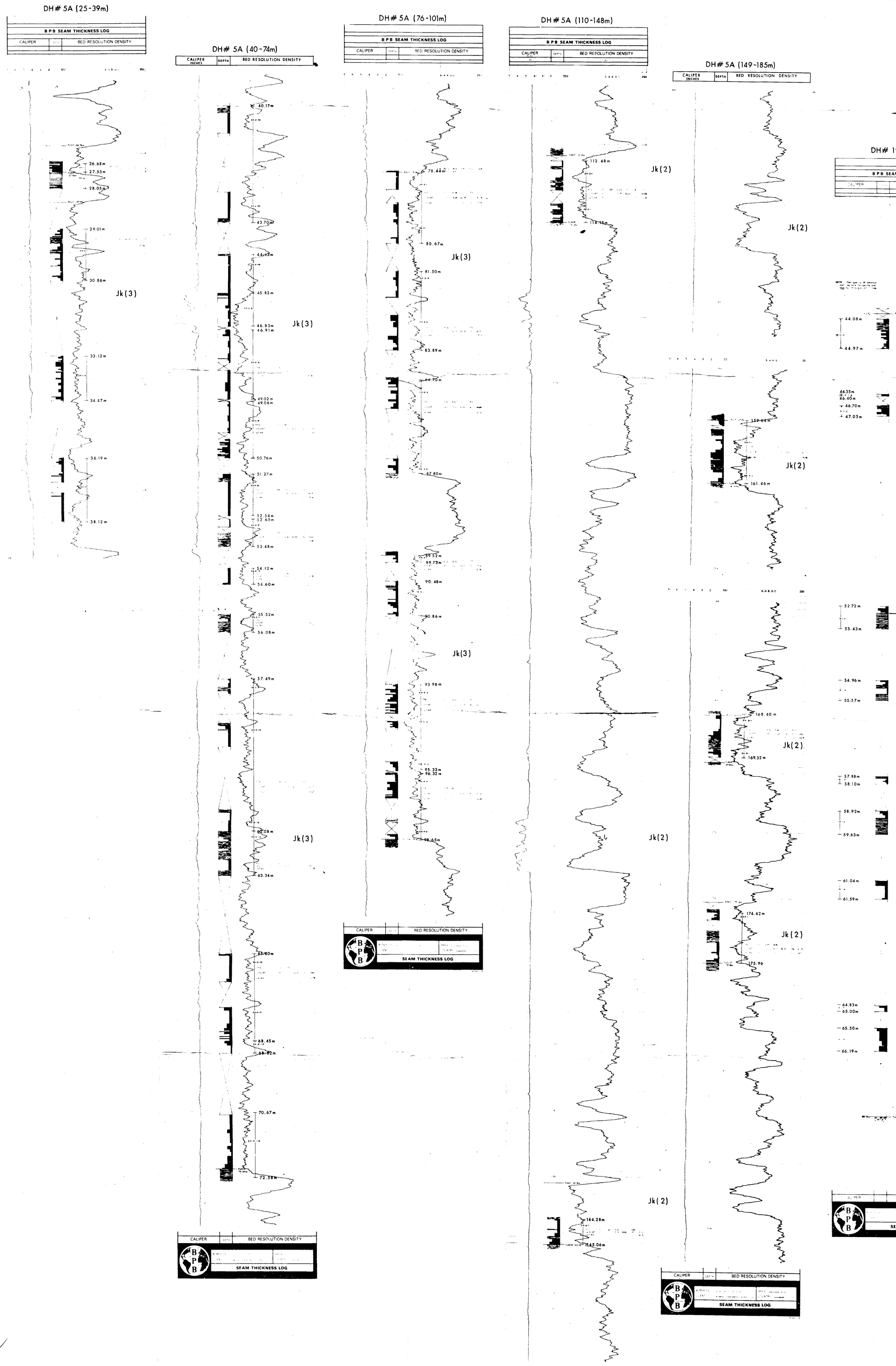
K-SHALE-CORBIN 78(2)B

Crows Nest Resources Limited
EXPLORATION

CORBIN AREA
B.C.

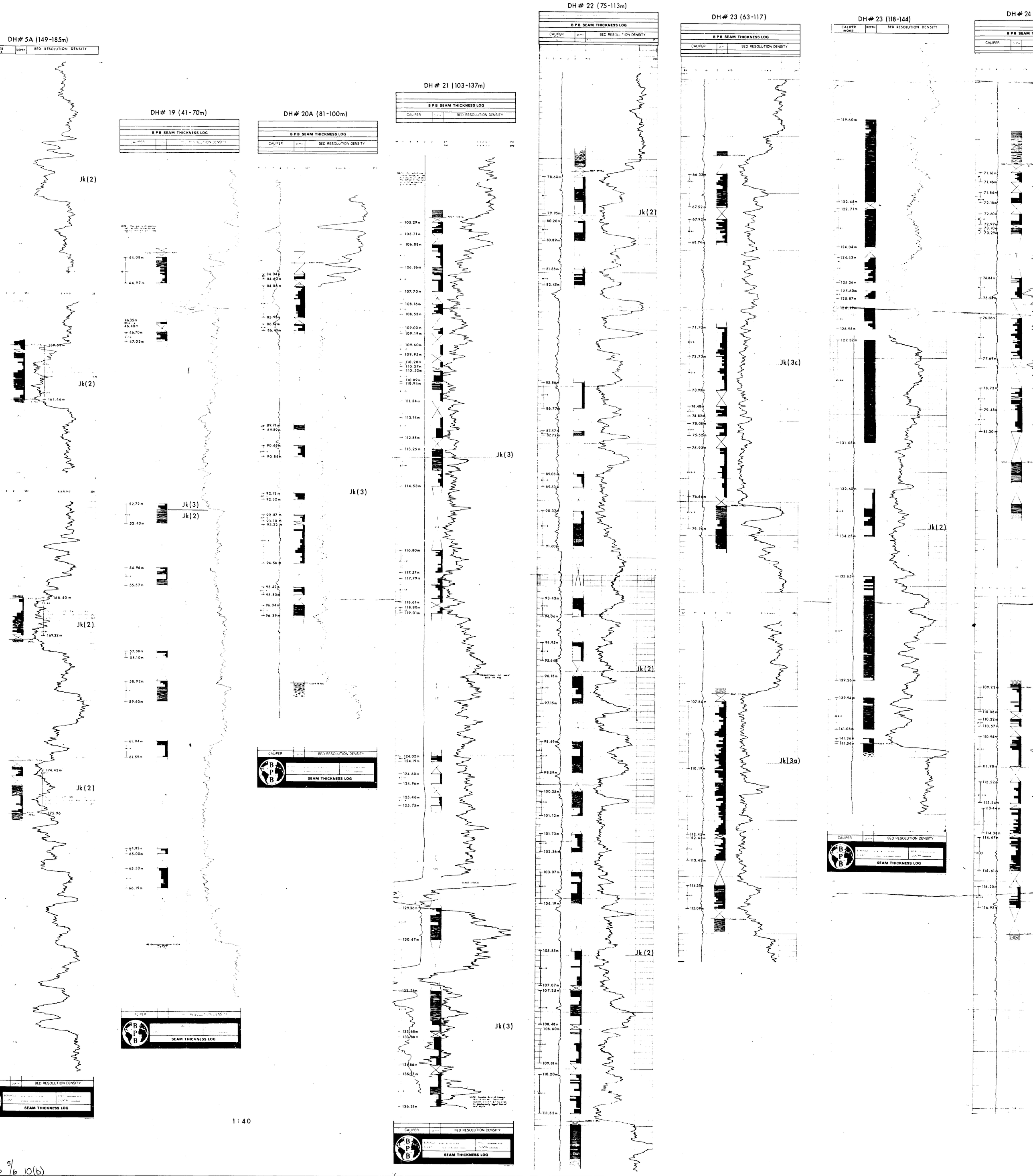
CORRELATION CHART
DRILL HOLES 9,4,22
MIDDLE SYNCLINE
SHEET III

AUTHOR: G. HOFFMAN	SCALE: 1:200	ENCLOSURE No:
DATE: APRIL 1979	REVISED:	DRAWING No: HC-23A
To Accompany		

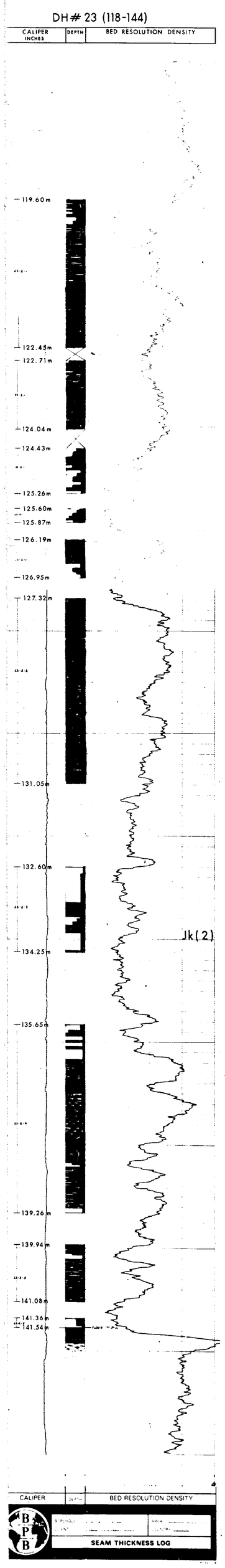


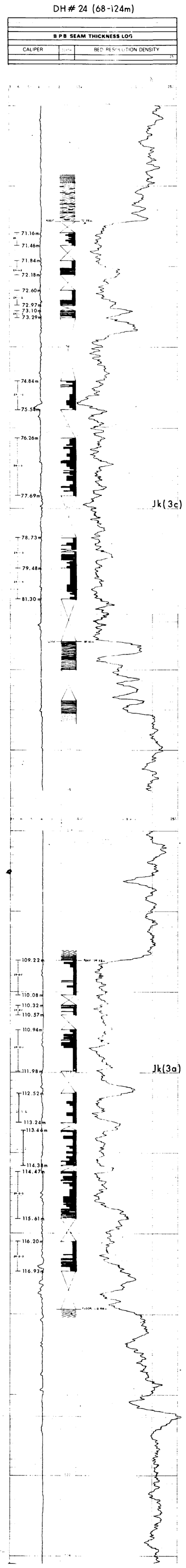
386 5/6 10(a)

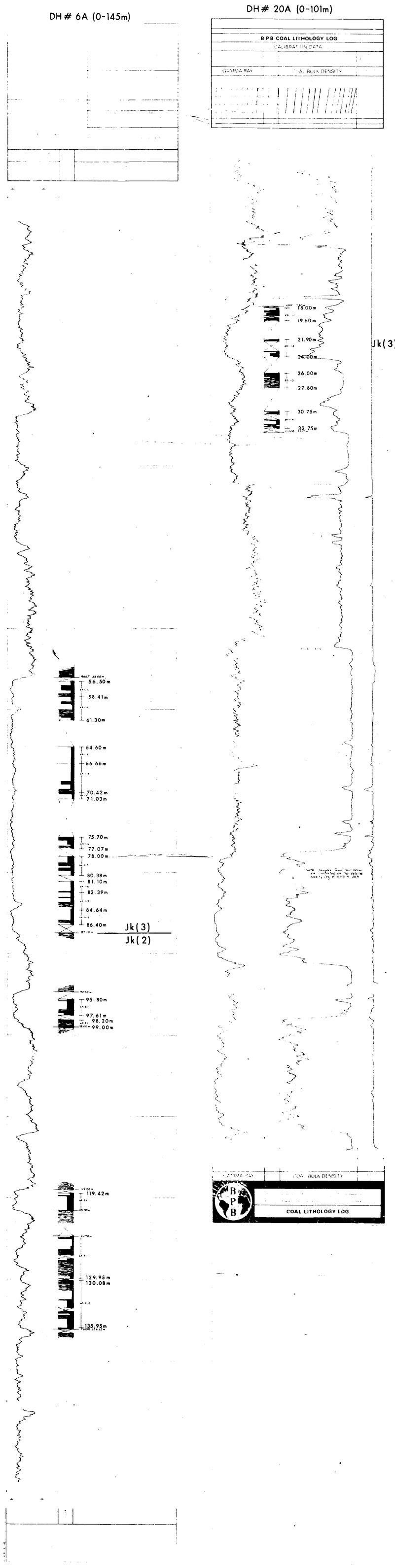
RIC


DH# 5A (149-185m)
DEPTH
BED RESOLUTION DENSITY
Jk(2)
DH# 19 (41-70m)
B P B SEAM THICKNESS LOG
CALIPER
DH# 20A (81-100m)
DEPTH
BED RESOLUTION DENSITY
Jk(3)
Jk(2)
DH# 21 (103-137m)
DH# 22 (75-113m)
Jk(3c)
Jk(3a)
DH# 23 (63-117)
DH# 23 (118-144)
DH# 24
SEAM THICKNESS LOG
1:40

5/6 10(b)







1:200

LEGEND

- BRIGHT COAL : 80-100% BRIGHT COAL
- BRIGHT BANDED : 60% - 80% BRIGHT COAL
- DULL & BRIGHT : 40% - 60% BRIGHT COAL
- DULL BANDED : 20% - 40% BRIGHT COAL
- DULL COAL : 0% - 20% BRIGHT COAL
- STONEY COAL : DULL HEAVY, HIGH ASH COAL
- CLAYSTONE / COALY CLAYSTONE
- MUDSTONE
- SILTSTONE
- SANDSTONE
- CORE LOSS
- Jk(3) UPPER MAMMOTH SEAM
- Jk(2) LOWER MAMMOTH SEAM

386 5/6

IL-SHELL: CORBIN 78(2)B. (10)(c)

Crows Nest Resources Limited

EXPLORATION

CORBIN AREA

B.C.

P/C

DETAILED COAL LOGS

AUTHOR: G. HOFFMAN	SCALE : 40 & 1:200	ENCLOSURE No :
DATE: APRIL 1979	REVISED	DRAWING No: HC-23
To Accompany		

ROKE

GAMMA RAY NEUTRON LOG -

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

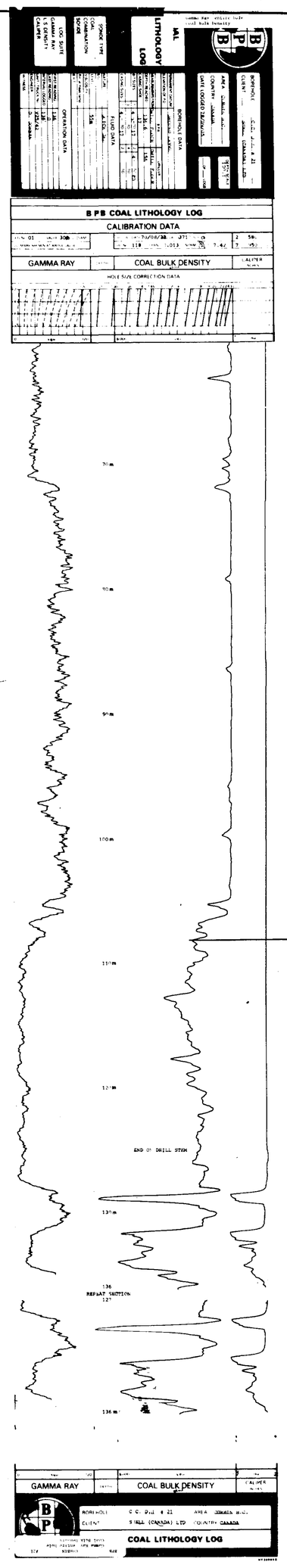
COMPANY CROWS NEST INDUSTRIES LIMITED

WELL DH - 17

LOCATION CORBIN

FIELD CORBIN

LSD
SEC
TWP
RGE
W ____ M



D.H.21

D.H.17

Jk(4)

Jk(3)

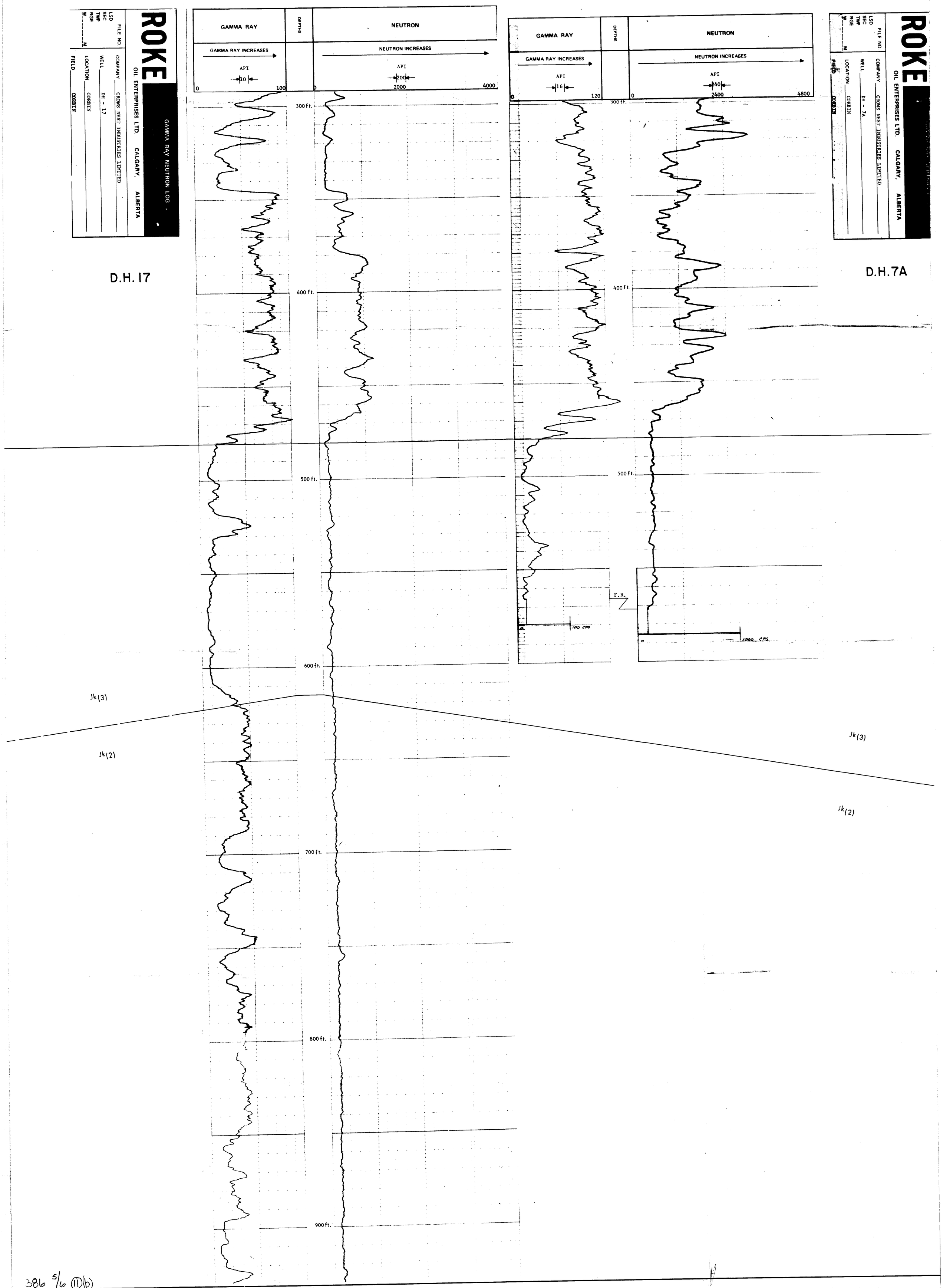
Jk(3)

Jk(2)

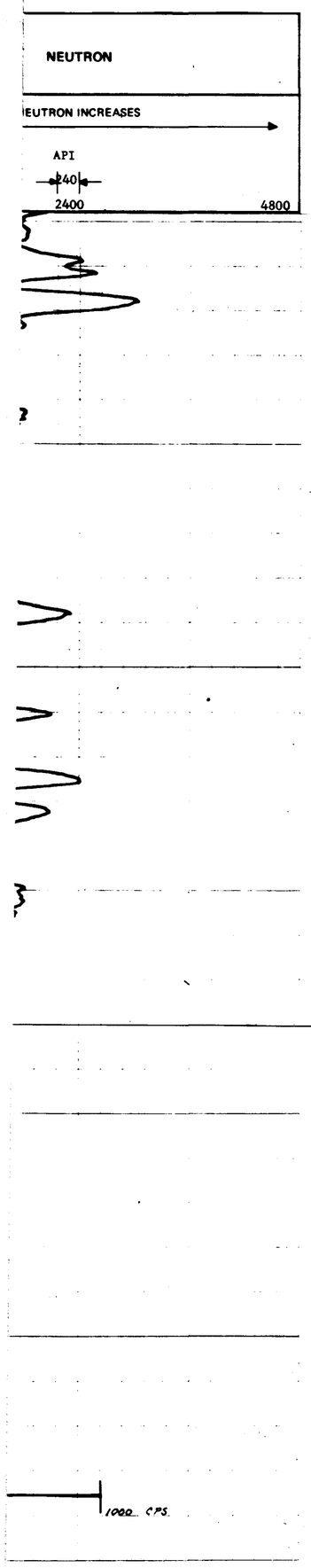
NOTE: DRILL HOLES 21, 17 & 7A ENDED WITHIN THE COAL SEAM DUE TO DRILLING DIFFICULTIES.

P/C

386 (11)(a)


ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA
GAMMA RAY NEUTRON LOG -
FILE NO.
LSD
SEC
TWP
RGE
W M
COMPANY CROWS NEST INDUSTRIES LIMITED
WELL DH - 17
LOCATION CORBIN
FIELD CORBIN
GAMMA RAY
GAMMA RAY INCREASES
API
10
0
100
DEPTHS
NEUTRON
NEUTRON INCREASES
API
200
0
2000
4000
300 ft.
400 ft.
500 ft.
600 ft.
700 ft.
800 ft.
900 ft.
Jk(3)
Jk(2)
D.H. 17
ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA
FILE NO.
LSD
SEC
TWP
RGE
W M
COMPANY CROWS NEST INDUSTRIES LIMITED
WELL DH - 7A
LOCATION CORBIN
FIELD CORBIN
GAMMA RAY
GAMMA RAY INCREASES
API
16
0
120
DEPTHS
NEUTRON
NEUTRON INCREASES
API
240
0
2400
4800
300 ft.
400 ft.
500 ft.
F.R.
0
100 CPS
0
1000 CPS
Jk(3)
Jk(2)
D.H. 7A

386 5/6 (11)(b)



ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY CROWS NEST INDUSTRIES LIMITED
WELL DH - 7A
LOCATION CORBIN
FIELD CORBIN

D.H.7A

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY CROWS NEST INDUSTRIES LIMITED
WELL DH - 5
LOCATION CORBIN
FIELD CORBIN

D.H. 5

UPPER SANDSTONE & SHALE SERIES

Jk(4)

Jk(3)

UPPER MAMMOTH SEAM

Jk(3)

Jk(2)

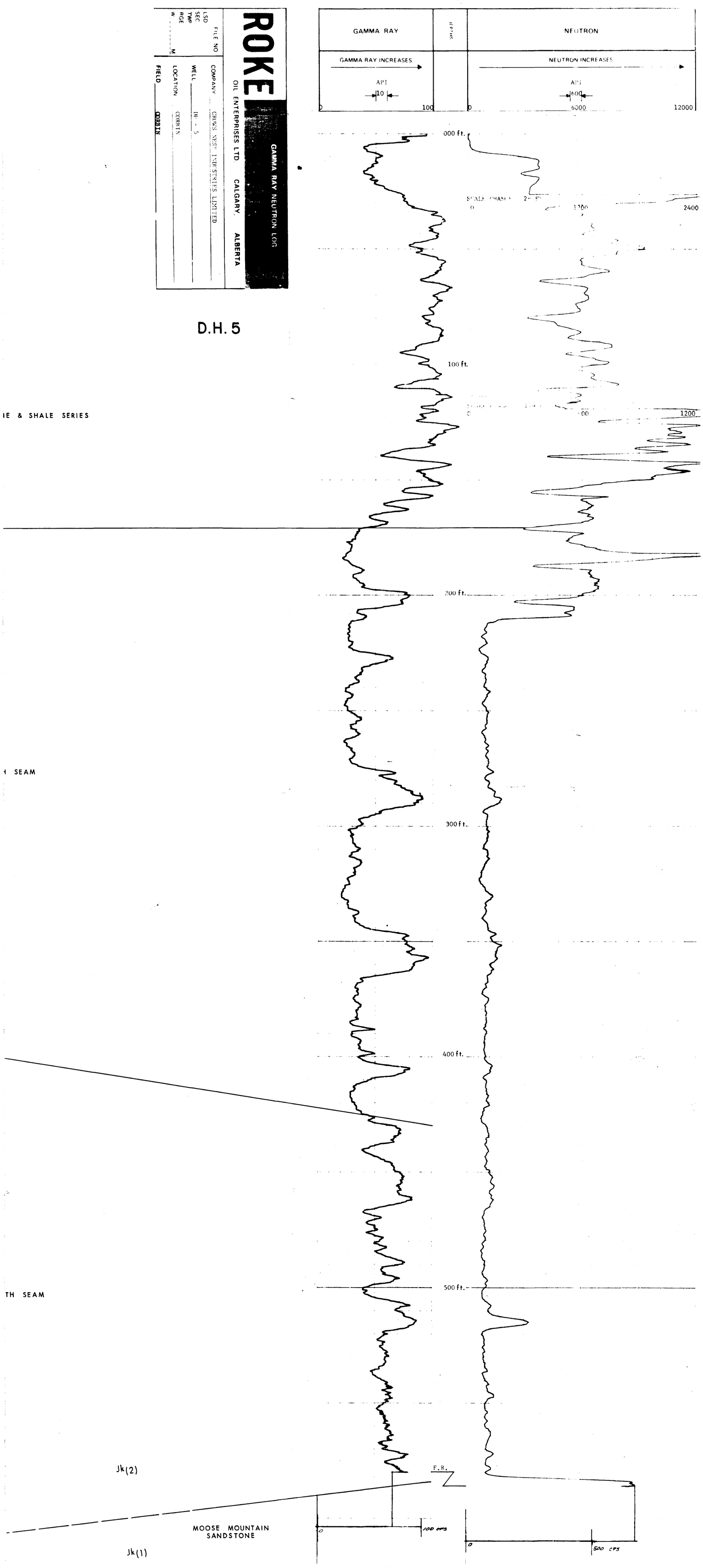
LOWER MAMMOTH SEAM

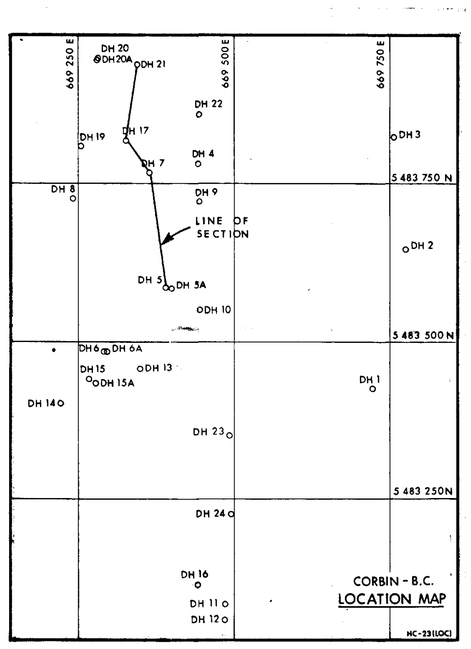
Jk(2)

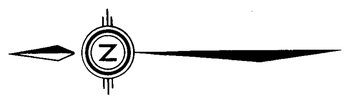
MOOSE MOUNTAIN SANDSTONE

Jk(1)

386 5/6 (11)(c)







LEGEND

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Jk(3)	KOOTENAY FM. – Upper Mammoth Seam: coal with minor claystone bands and lenses.
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Jk(1)	KOOTENAY FM. – Moose Mountain Sandstone.

386 5/6

V-SHELL CORBIN 76(2)B.

Crows Nest Resources Limited
EXPLORATION

CORBIN AREA
B.C.

CORRELATION CHART
DRILL HOLES 5, 7, 17, 21
MIDDLE SYNCLINE
SHEET II

AUTHOR: G. HOFFMAN	SCALE: 1:200	ENCLOSURE No:
DATE: APRIL 1979	REVISED:	DRAWING No: HC-23B
To Accompany		

P/C

00386

pt. 6 of 6

no cover available

67 LOGS