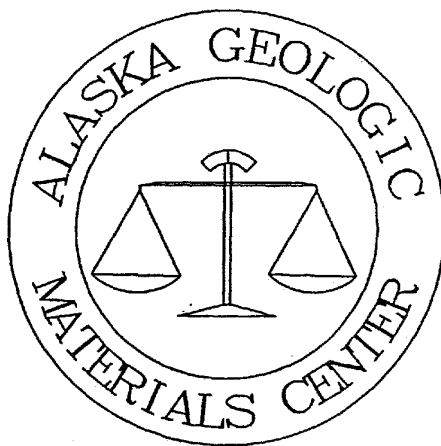


Vitrinite Reflectance data of cuttings (500'-11000')
from the Louisiana Land and Exploration Company
Doyon Ltd. No. 1 well.



Received 24 September 1991

Total of 36 pages in report

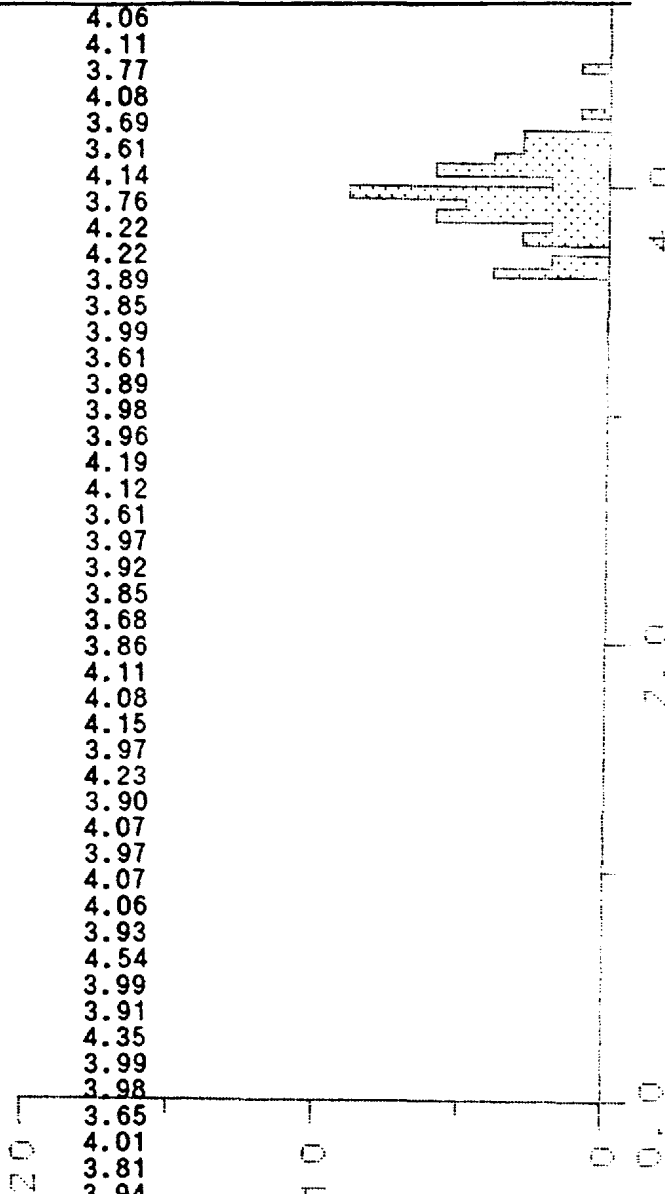
Alaska Geologic Materials Center Data Report No. 188

File Name: 90099062
 Channel Name: Pawlewicz - USGS Denver office; Mark Johnson - USGS Menlo Park *SR*
 Description: 90099062 Alaska D1-500 Doyon #1 cuttings mjp XI90
 Comment 1: 460'-500' composite sample *SR*
 Comment 2:
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	3.61			
Max:	4.54			
Mean:	3.97			
StDev:	0.19			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.06			
2				4.11			
3				3.77			
4				4.08			
5				3.69			
6				3.61			
7				4.14			
8				3.76			
9				4.22			
10				4.22			
11				3.89			
12				3.85			
13				3.99			
14				3.61			
15				3.89			
16				3.98			
17				3.96			
18				4.19			
19				4.12			
20				3.61			
21				3.97			
22				3.92			
23				3.85			
24				3.68			
25				3.86			
26				4.11			
27				4.08			
28				4.15			
29				3.97			
30				4.23			
31				3.90			
32				4.07			
33				3.97			
34				4.07			
35				4.06			
36				3.93			
37				4.54			
38				3.99			
39				3.91			
40				4.35			
41				3.99			
42				3.98			
43				3.65			
44				4.01			
45				3.81			
46				3.94			
47				3.79			
48				4.04			
49				4.18			
50				3.85			
51				3.94			

90099062 Alaska D1-500 Doyon
 Ch1 - 1 Min 3.97 SD 0.19



Percent Rm

Channel Name: Pawlewicz
 Description: 90099063 Alaska DI-1000 Doyon #1 cuttings mjp X1900
 Comment 1: 950'-1000' composite sample
 Comment 2:
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

			Meas1	Meas2	Ratio	Conc.	
Min:			3.66				
Max:			4.46				
Mean:			4.02				
StDev:			0.20				
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				3.92			
2				3.90			
3				3.93			
4				3.78			
5				3.86			
6				4.16			
7				4.11			
8				3.90			
9				3.88			
10				4.13			
11				3.84			
12				3.92			
13				3.84			
14				4.26			
15				3.84			
16				3.91			
17				4.03			
18				4.15			
19				4.08			
20				4.29			
21				4.37			
22				4.33			
23				4.30			
24				4.14			
25				4.05			
26				4.19			
27				4.04			
28				4.26			
29				4.25			
30				3.75			
31				3.89			
32				4.00			
33				3.91			
34				3.92			
35				3.95			
36				4.46			
37				4.11			
38				4.05			
39				3.70			
40				4.15			
41				3.74			
42				4.28			
43				4.09			
44				3.71			
45				4.19			
46				3.90			
47				4.24			
48				4.24			
49				3.66			
50				3.67			
51				3.80			

Channel Name: Pawlewicz EQUIPMENT
 Description: 90099064 Alaska D1-1500 Doyon #1 cuttings mjp XI90
 Comment 1: 1450'-1500' composite sample
 Comment 2:
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	3.50	2.0		
Max:	4.57	2.0		
Mean:	4.01			
StDev:	0.25			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.30			
2				3.76			
3				3.73			
4				3.52			
5				3.97			
6				4.13			
7				3.88			
8				3.88			
9				3.73			
10				3.88			
11				4.08			
12				4.15			
13				4.05			
14				4.18			
15				3.50			
16				3.86			
17				3.93			
18				3.70			
19				3.97			
20				4.19			
21				4.02			
22				4.46			
23				4.57			
24				4.11			
25				3.89			
26				4.10			
27				3.71			
28				4.10			
29				4.01			
30				3.66			
31				3.70			
32				4.05			
33				4.34			
34				4.14			
35				3.93			
36				4.18			
37				4.50			
38				3.94			
39				4.05			
40				4.36			
41				4.10			
42				3.97			
43				4.52			
44				3.75			
45				3.93			
46				3.67			
47				4.00			
48				3.97			
49				3.86			
50				4.39			
51				4.12			

Channel Name: Pawlewicz frequency
 Description: 90099065 Alaska D1-2000 Doyon #1 cuttings mjp X190
 Comment 1: 1950'-2000' composite sample
 Comment 2:
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				3.58			
Max:				4.84			
Mean:				4.32			
StDev:				0.24			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.36			
2				4.37			
3				4.63			
4				4.22			
5				3.94			
6				4.30			
7				4.09			
8				4.16			
9				4.47			
10				4.32			
11				4.16			
12				4.22			
13				4.45			
14				4.21			
15				3.74			
16				4.28			
17				4.55			
18				4.27			
19				4.22			
20				4.13			
21				4.83			
22				4.55			
23				3.58			
24				4.02			
25				4.37			
26				4.03			
27				4.36			
28				4.33			
29				4.27			
30				4.68			
31				4.20			
32				4.37			
33				4.53			
34				4.47			
35				4.16			
36				4.66			
37				4.15			
38				4.38			
39				4.10			
40				4.64			
41				4.15			
42				4.32			
43				4.51			
44				3.84			
45				4.37			
46				4.20			
47				4.50			
48				4.68			
49				4.53			
50				4.28			
51				4.31			
52				4.53			
53				4.19			
54				4.20			
55				4.49			
56				4.84			
57				4.34			

File Name: 90099066
 Channel Name: Pawlewicz Frequency
 Description: 90099066 Alaska D1-2500 Doyon #1 cuttings mjp XI90
 Comment 1:
 Comment 2: 2450'-2500' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				-4.16			
Max:				5.51			
Mean:				4.57			
StDev:				0.28			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.05			
2				5.51			
3				4.39			
4				4.29			
5				4.64			
6				4.22			
7				4.63			
8				4.46			
9				5.18			
10				4.50			
11				4.30			
12				4.44			
13				4.65			
14				4.62			
15				4.91			
16				4.27			
17				4.31			
18				4.88			
19				4.66			
20				4.32			
21				4.53			
22				4.60			
23				4.55			
24				4.48			
25				4.52			
26				4.31			
27				4.95			
28				4.65			
29				4.67			
30				4.65			
31				4.32			
32				4.46			
33				4.48			
34				4.80			
35				4.24			
36				4.59			
37				4.87			
38				4.35			
39				4.71			
40				4.22			
41				4.41			
42				4.35			
43				4.90			
44				4.39			
45				5.25			
46				4.38			
47				4.57			
48				5.03			
49				4.40			
50				4.52			
51				4.52			
52				4.83			
53				4.16			
54				4.37			
55				4.32			
56				4.46			
57				4.44			
58				4.41			

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

2.50

3.00

3.50

4.00

4.50

5.00

5.50

6.00

6.50

7.00

7.50

8.00

8.50

9.00

9.50

10.00

0.00

0.50

1.00

1.50

2.00

File Name: 90099067

Channel Name: Pawlewicz

Description: 90099067 Alaska D1-3000 Doyon #1 cuttings mjp X1900

Comment 1:

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

2950' - 3000' composite sample

SR

00099067
D1-3000
Doyon

	Meas1	Meas2	Ratio	Conc.
Min:	-3.84	NO		
Max:	5.17	NO		
Mean:	4.51			
StDev:	0.27			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.64			
2				4.47			
3				4.33			
4				4.29			
5				4.57			
6				4.12			
7				4.38			
8				4.93			
9				4.53			
10				4.35			
11				4.20			
12				3.92			
13				4.58			
14				4.44			
15				4.48			
16				4.87			
17				4.32			
18				4.46			
19				4.56			
20				4.47			
21				4.44			
22				4.65			
23				4.97			
24				4.89			
25				4.70			
26				4.20			
27				4.03			
28				4.53			
29				4.42			
30				4.74			
31				4.63			
32				4.27			
33				4.27			
34				4.71			
35				4.79			
36				4.78			
37				4.09			
38				4.28			
39				4.97			
40				4.52			
41				4.73			
42				4.69			
43				4.75			
44				4.80			
45				3.84			
46				4.44			
47				4.68			
48				4.41			
49				4.11			
50				4.46			
51				4.19			
52				4.40			
53				4.20			
54				4.58			
55				4.52			
56				4.72			
57				4.49			
58				4.48			

File Name: 90099068
 Channel Name: Pawlewicz
 Description: 90099068 Alaska D1-3500 Doyon #1 cuttings mjp
 Comment 1:
 Comment 2: 3450'-3500' composite sample
 Comment 3: JWR
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.19			
Max:				5.19			
Mean:				4.61			
StDev:				0.24			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.30			
2				4.31			
3				4.67			
4				4.21			
5				4.72			
6				4.37			
7				4.39			
8				4.47			
9				4.39			
10				4.53			
11				4.41			
12				4.29			
13				4.52			
14				5.05			
15				4.50			
16				4.19			
17				4.66			
18				4.84			
19				4.56			
20				4.48			
21				4.68			
22				4.68			
23				4.95			
24				4.54			
25				4.75			
26				4.47			
27				4.52			
28				5.03			
29				4.49			
30				4.68			
31				5.02			
32				4.47			
33				4.61			
34				4.87			
35				4.30			
36				4.68			
37				4.39			
38				4.82			
39				5.19			
40				4.66			
41				5.16			
42				4.74			
43				4.55			
44				4.35			
45				4.93			
46				4.61			
47				4.48			
48				4.55			
49				4.69			
50				4.72			
51				4.49			

File Name: 90099069
 Channel Name: Pawlewicz
 Description: 90099069 Alaska D1-4000 Doyon #1 cuttings mjp XI900
 Comment 1:
 Comment 2: 3950'-4000' composite sample
 Comment 3:
 Comment 4: JH
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				-3.97	2.0		
Max:				5.00	2.0		
Mean:				4.55			
StDev:				0.26			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.00			
2				4.66			
3				4.94			
4				4.83			
5				4.32			
6				4.16			
7				4.74			
8				4.70			
9				3.97			
10				4.96			
11				4.27			
12				4.87			
13				4.24			
14				4.81			
15				4.99			
16				4.68			
17				4.42			
18				4.61			
19				4.24			
20				4.88			
21				4.20			
22				4.55			
23				4.41			
24				4.47			
25				4.99			
26				4.45			
27				4.68			
28				4.61			
29				4.20			
30				4.74			
31				4.20			
32				4.85			
33				4.55			
34				4.26			
35				4.33			
36				4.31			
37				4.78			
38				4.71			
39				4.62			
40				4.69			
41				4.84			
42				4.37			
43				4.29			
44				4.48			
45				4.39			
46				4.64			
47				4.63			
48				4.42			
49				4.97			
50				4.64			
51				4.61			
52				4.42			
53				4.37			
54				4.09			
55				4.45			

File Name: 90099070
 Channel Name: Pawlewicz Frequency
 Description: 90099070 Alaska D1-4500 Boyon #1 cuttings mjp XI90
 Comment 1:
 Comment 2: 4450'-4500' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

			Meas1	Meas2	Ratio	Conc.	
Min:			4.20				
Max:			4.89				
Mean:			4.55				
StDev:			0.18				
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.73			
2				4.64			
3				4.62			
4				4.40			
5				4.31			
6				4.57			
7				4.68			
8				4.68			
9				4.83			
10				4.61			
11				4.45			
12				4.89			
13				4.57			
14				4.32			
15				4.60			
16				4.82			
17				4.82			
18				4.87			
19				4.70			
20				4.43			
21				4.79			
22				4.78			
23				4.53			
24				4.51			
25				4.61			
26				4.72			
27				4.65			
28				4.48			
29				4.31			
30				4.36			
31				4.54			
32				4.60			
33				4.36			
34				4.35			
35				4.64			
36				4.80			
37				4.42			
38				4.20			
39				4.35			
40				4.61			
41				4.48			
42				4.31			
43				4.44			
44				4.39			
45				4.39			
46				4.43			
47				4.27			
48				4.29			
49				4.61			
50				4.76			
51				4.60			
52				4.33			
53				4.80			
54				4.70			
55				4.46			

Channel Name: Pawlewicz
 Description: 90099071 Alaska D1-5000 Doyon #1 cuttings mjp
 Comment 1: 9950-5000' composite sample
 Comment 2: IR
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	4.03	2.0		
Max:	5.04	2.0		
Mean:	4.58			
StDev:	0.20			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.61			
2				4.71			
3				4.46			
4				4.41			
5				4.49			
6				4.58			
7				4.48			
8				4.85			
9				4.72			
10				4.54			
11				4.81			
12				4.54			
13	2.0			4.74			
14				4.75			
15				4.47			
16	2.0			4.51			
17				4.49			
18				4.54			
19				4.27			
20				4.79			
21				5.01			
22				4.51			
23				4.54			
24				4.39			
25				4.45			
26				4.58			
27				4.64			
28				4.41			
29				4.54			
30				5.04			
31	4.0			4.68			
32				4.03			
33				4.42			
34				4.36			
35				5.04			
36				4.52			
37				4.42			
38				4.28			
39				4.52			
40				4.40			
41				4.99			
42				4.32			
43				4.41			
44				4.54			
45				4.67			
46				4.79			
47				4.69			
48				4.72			
49				4.53			
50				4.48			
51				4.45			
52				4.77			
53				4.89			
54				4.61			
55				4.58			
56				4.67			
57				4.58			

File Name: 90099072
 Channel Name: Pawlewicz Frequency
 Description: 90099072 Alaska D1-5500 Doyon #1 cuttings mjp XT900
 Comment 1:
 Comment 2: 5450'-5500' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	4.31	NO		
Max:	5.06	NO		
Mean:	4.63			
StDev:	0.20			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.75			
2				4.66			
3				4.31			
4				4.74			
5				4.42			
6				4.60			
7				4.84			
8				4.64			
9				4.88			
10				4.71			
11				4.58			
12				4.91			
13				4.86			
14				4.86			
15				4.40			
16				4.58			
17				4.60			
18				4.49			
19				4.71			
20				4.69			
21				4.32			
22				4.42			
23				4.98			
24				4.45			
25				4.44			
26				4.73			
27				4.59			
28				4.36			
29				5.06			
30				4.34			
31				4.68			
32				4.69			
33				4.53			
34				4.45			
35				4.72			
36				5.04			
37				4.48			
38				4.87			
39				4.51			
40				4.39			
41				4.60			
42				4.59			
43				4.67			
44				4.69			
45				4.80			
46				4.34			
47				4.66			
48				4.55			
49				4.95			
50				4.38			
51				5.06			
52				4.64			
53				4.43			
54				4.35			
55				4.49			

File Name: 90099073
 Channel Name: Pawlewicz Frequency
 Description: 90099073 Alaska D1-6000 Doyon #1 cuttings mjp XT90
 Comment 1: 5950' - 6000' composite sample
 Comment 2: JRE
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.17			
Max:				5.08			
Mean:				4.60			
StDev:				0.25			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.52			
2				4.84			
3				4.67			
4				4.41			
5				4.32			
6				4.17			
7				4.57			
8				4.23			
9				4.75			
10				4.32			
11				4.60			
12				4.48			
13				4.96			
14				4.38			
15				4.53			
16				4.42			
17				4.81			
18				4.97			
19				4.70			
20				4.53			
21				4.55			
22				4.73			
23				4.92			
24				5.07			
25				4.65			
26				4.77			
27				4.47			
28				4.66			
29				4.61			
30				4.45			
31				5.00			
32				4.47			
33				4.99			
34				4.57			
35				4.24			
36				4.18			
37				4.67			
38				4.42			
39				4.26			
40				5.08			
41				4.48			

90099073
 H1-1
 MN
 4.57
 SD
 D1-6000 Doyon
 0.23

2.0

4.0



Channel Name: Pawlewicz
 Description: 90099074 D1-6500 Alaska Doyon #1 cuttings mjp XD90
 Comment 1:
 Comment 2: 6450' - 6500' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

			Meas1	Meas2	Ratio	Conc.	
Min:			4.25				
Max:			5.10				
Mean:			4.70				
StDev:			0.23				
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.60			
2				4.55			
3				4.82			
4				4.94			
5				4.39			
6				4.55			
7				4.74			
8				4.71			
9				4.25			
10				4.57			
11				4.74			
12				4.86			
13				4.62			
14				5.10			
15				4.98			

Channel Name: Pawlewicz
 Description: 90099075 D1-7000 Alaska Doyon #1 cuttings mjp
 Comment 1:
 Comment 2: 6950'-7000' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	4.20			
Max:	5.07			
Mean:	4.63			
StDev:	0.21			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.53			
2				4.80			
3				5.07			
4				4.68			
5				4.70			
6				4.73			
7				4.72			
8				4.83			
9				4.91			
10				4.56			
11				4.59			
12				4.62			
13				4.57			
14				4.20			
15				4.60			
16				4.36			
17				4.71			
18				4.54			
19				4.28			

File Name: 90099076

Channel Name: Pawlewicz

Description: 90099076 D1-7500 Alaska Doyon #1 cuttings mjp KI90

Comment 1:

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

7450' - 7500' composite sample
SR

	Meas1	Meas2	Ratio	Conc.
Min:	4.28			
Max:	5.11			
Mean:	4.67			
StDev:	0.19			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.41			
2				4.65			
3				4.50			
4				4.61			
5				4.65			
6				4.54			
7				4.60			
8				4.96			
9				4.28			
10				4.83			
11				4.87			
12				4.53			
13				4.61			
14				4.50			
15				4.73			
16				4.62			
17				4.78			
18				4.70			
19				4.61			
20				5.01			
21				4.64			
22				4.54			
23				4.33			
24				4.60			
25				4.75			
26				4.64			
27				4.45			
28				4.40			
29				4.82			
30				4.52			
31				5.04			
32				5.00			
33				5.09			
34				4.80			
35				4.76			
36				4.70			
37				4.77			
38				5.11			
39				4.93			
40				4.56			
41				4.85			
42				4.55			
43				4.51			
44				4.51			
45				4.74			
46				4.51			
47				4.80			
48				4.55			
49				4.68			
50				4.58			
51				4.43			
52				4.74			
53				4.64			
54				4.47			
55				4.62			

Channel Name: Pawlewicz Frequency
 Description: 90099077 D1-8000 Alaska Doyon #1 cuttings mjp) KI90
 Comment 1:
 Comment 2: 7950'-8000' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	4.25			
Max:	5.71			
Mean:	4.89			
StDev:	0.31			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.49			
2				4.79			
3				4.84			
4				4.70			
5				4.77			
6				5.13			
7				4.84			
8				4.84			
9				5.42			
10				4.65			
11				4.74			
12				5.21			
13				5.15			
14				5.00			
15				5.26			
16				5.71			
17				4.69			
18				4.93			
19				4.64			
20				5.08			
21				4.25			
22				5.34			
23				4.75			
24				4.74			
25				5.09			
26				4.78			
27				5.50			
28				4.87			
29				4.64			
30				4.87			
31				5.38			
32				4.98			
33				4.97			
34				5.20			
35				4.76			
36				4.71			
37				4.27			
38				4.80			
39				5.26			
40				4.75			
41				4.61			
42				4.79			
43				5.19			
44				4.84			
45				4.95			
46				5.02			
47				4.98			
48				5.23			
49				4.42			
50				5.26			
51				4.67			
52				4.27			
53				4.61			
54				4.79			
55				4.74			

File Name: 90099078

Channel Name: Pawlewicz

Description: 90099078 D1-8500 Alaska Doyon #1 cuttings mjp

Comment 1:

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

8450'-8500' composite sample

JR

00000073
D1-8500
Alaska
Doyon
0.36

	Meas1	Meas2	Ratio	Conc.
Min:	4.33	5.94		
Max:	5.94			
Mean:	4.80			
StDev:	0.38			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.94		4.36	
2				4.75		4.30	
3				4.37		4.30	
4				4.73		4.30	
5				5.43		4.30	
6				4.46		4.30	
7				5.90		4.30	
8				4.98		4.30	
9				5.01		4.30	
10				4.53		4.30	
11				4.77		4.30	
12				4.61		4.30	
13				4.99		4.30	
14				5.32		4.30	
15				4.54		4.30	
16				4.74		4.30	
17				4.42		4.30	
18				4.69		4.30	
19				5.14		4.30	
20				4.40		4.30	
21				4.79		4.30	
22				5.27		4.30	
23				4.81		4.30	
24				5.08		4.30	
25				5.21		4.30	
26				4.33		4.30	
27				4.43		4.30	
28				5.02		4.30	
29				4.77		4.30	
30				4.68		4.30	
31				4.49		4.30	
32				4.58		4.30	
33				4.49		4.30	
34				4.63		4.30	
35				4.53		4.30	
36				4.39		4.30	
37				5.11		4.30	
38				4.39		4.30	
39				4.82		4.30	
40				5.14		4.30	
41				4.92		4.30	
42				5.75		4.30	
43				4.68		4.30	
44				4.70		4.30	
45				5.43		4.30	
46				4.93		4.30	
47				4.66		4.30	
48				4.60		4.30	
49				4.85		4.30	
50				4.33		4.30	
51				4.64		4.30	
52				4.53		4.30	
53				4.85		4.30	
54				5.00		4.30	
55				4.34		4.30	
56				4.55		4.30	
57				4.36		4.30	

Channel Name: Pawlewicz T. PROUDER
 Description: 90099079 D1-9000 Alaska Doyon #1 cuttings mjp X190
 Comment 1:
 Comment 2: 8950'-9000' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.26			
Max:				5.37			
Mean:				4.87			
StDev:				0.28			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.82			
2				4.42			
3				5.37			
4				5.22			
5				4.56			
6				5.18			
7				4.49			
8				4.86			
9				5.20			
10	2.0			5.01			
11				4.99			
12				4.85			
13	2.0			5.20			
14				4.97			
15				4.57			
16				4.26			
17				4.88			
18				5.02			
19				5.23			
20				4.70			
21				4.93			
22				5.02			
23				5.10			
24	4.0			5.18			
25				4.42			
26				4.69			
27	4.0			4.86			
28				5.10			
29				5.14			
30				5.19			
31				4.73			
32				4.63			
33				4.97			
34				4.66			
35				4.94			
36				4.52			
37				4.67			
38				4.50			
39	6.0			4.63			
40				4.40			
41				4.49			
42				5.09			
43				5.15			
44				5.12			
45				5.07			
46				5.18			
47				4.91			
48				4.59			
49				5.13			
50				4.67			
51				4.89			

File Name: 90099080
 Channel Name: Pawlewicz
 Description: 90099080 D1-9500 Alaska Doyon #1 cuttings mjp
 Comment 1:
 Comment 2: 9450'-9500' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.30			
Max:				5.63			
Mean:				4.82			
StDev:				0.29			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.05			
2				5.07			
3				4.79			
4				4.44			
5				4.42			
6				4.67			
7				4.57			
8				4.78			
9				4.89			
10				4.85			
11				5.11			
12				4.53			
13				5.14			
14				4.63			
15				4.88			
16				5.39			
17				4.98			
18				4.53			
19				5.02			
20				4.46			
21				5.14			
22				4.87			
23				5.17			
24				5.23			
25				4.74			
26				4.76			
27				5.36			
28				4.77			
29				4.95			
30				4.68			
31				4.53			
32				4.83			
33				4.54			
34				4.73			
35				5.00			
36				5.63			
37				4.97			
38				4.31			
39				4.75			
40				4.77			
41				4.89			
42				4.56			
43				4.30			
44				4.69			
45				4.72			
46				4.89			
47				4.52			
48				5.14			
49				4.37			
50				4.72			
51				5.16			

Channel Name: Pawlewicz Frequency
 Description: 90099081 D1-10000 Alaska Doyon #1 cuttings mjp X190
 Comment 1: 9950' - 10,000' composite sample
 Comment 2: JPR
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

	Meas1	Meas2	Ratio	Conc.
Min:	-4.25			
Max:	5.08			
Mean:	4.62			
StDev:	0.24			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.35			
2				4.86			
3				4.25			
4				4.27			
5				4.52			
6				4.73			
7				4.48			
8				4.61			
9				4.49			
10				4.74			
11				4.73			
12				5.08			
13				4.64			
14				4.91			
15				4.57			

Point RM

2.0

4.0

6.0

File Name: 90099082
Channel Name: Pawlewicz
Description: 90099082 D1-10500 Alaska Doyon #1 cuttings mjp
Comment 1:
Comment 2: 10450' - 10500' composite sample
Comment 3:
Comment 4:
Comment 5:
Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.23			
Max:				5.47			
Mean:				4.68			
StDev:				0.30			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.71			
2				4.57			
3				4.62			
4				5.17			
5				4.76			
6				4.44			
7				4.64			
8				4.52			
9				4.55			
10				4.66			
11				5.47			
12				4.73			
13				4.79			
14				4.59			
15				5.38			
16				4.89			
17				4.60			
18				4.51			
19				5.03			
20				4.99			
21				4.23			
22				5.47			
23				4.47			
24				5.02			
25				5.02			
26				4.39			
27				4.48			
28				4.65			
29				4.72			
30				4.53			
31				4.46			
32				5.29			
33				4.59			
34				4.29			
35				4.38			
36				4.72			
37				4.50			
38				4.76			
39				4.46			
40				4.30			
41				4.40			
42				4.54			
43				4.68			
44				4.28			
45				4.52			
46				4.53			
47				4.77			
48				4.69			
49				4.27			
50				4.36			
51				5.19			
52				4.89			
53				4.71			
54				4.88			
55				4.36			

Channel Name: Pawlewicz frequency
 Description: 90099083 D1-11000 Alaska Doyon #1 cuttings mjp: X190
 Comment 1:
 Comment 2: 10950' - 11000' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

				Meas1	Meas2	Ratio	Conc.
Min:				4.29			
Max:				5.43			
Mean:				4.78			
StDev:				0.31			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.38			
2				4.29			
3				5.19			
4				4.30			
5				4.45			
6				4.82			
7				5.03			
8				4.41			
9				5.18			
10	2.0			4.97			
11				4.65			
12	2.0			4.97			
13				4.68			
14				4.55			
15				4.62			
16				4.67			
17				4.66			
18				4.68			
19				4.69			
20				4.63			
21				4.84			
22				4.98			
23				4.61			
24				4.82			
25	4.0			4.87			
26				4.79			
27				4.91			
28				4.70			
29				4.82			
30				4.34			
31				4.64			
32				4.31			
33				4.38			
34				4.97			
35				5.13			
36				4.95			
37				5.03			
38				4.47			
39	6.0			4.32			
40				4.63			
41				5.01			
42				4.61			
43				4.78			
44				5.41			
45				4.71			
46				4.83			
47				4.44			
48				4.48			
49				5.26			
50				5.42			
51				4.46			
52				4.58			
53				5.16			
54				5.43			
55				4.75			

File Name: 91001095

Channel Name: Pawlewicz

Description: Doyon Alaska 1,200 cuttings

Comment 1: Abundant organics. All very high rank. Good preparation

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

1150' - 1200' composite sample

Frequency
0 0
0 0
0 0
0 0

			Meas1	Meas2	Ratio	Conc.
Min:			-3.71			
Max:			4.50			
Mean:			4.07			
StDev:			0.18			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio
1				4.42		
2				3.94		
3				3.97		
4				4.12		
5				3.88		
6				4.00		
7				3.84		
8				4.31		
9				3.95		
10				4.04		
11				4.38		
12				3.82		
13				4.36		
14				4.21		
15				4.27		
16				4.07		
17				4.16		
18				4.18		
19				4.13		
20				4.18		
21				3.91		
22				4.03		
23				3.98		
24				3.95		
25				4.20		
26				4.06		
27				3.85		
28				4.08		
29				4.40		
30				4.26		
31				4.13		
32				4.08		
33				4.29		
34				4.50		
35				4.07		
36				4.05		
37				3.90		
38				3.83		
39				3.71		
40				3.96		
41				3.73		
42				4.03		
43				4.13		
44				3.97		
45				3.94		
46				3.97		
47				3.88		
48				3.98		
49				4.20		
50				4.11		
51				4.12		

2.0

4.0

1,200 cuttings
0.100

File Name: 91001096

Channel Name: Pawlewicz

Description: Doyon Alaska 1,700' cuttings

Comment 1: Abundant organics. All very high rank. Good preparation

Comment 2:

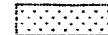
Comment 3:

Comment 4:

Comment 5:

Comment 6:

Frequency



DOYON
ALASKA
1,700'
cuttings

4.2 + SD

0.23

	Meas1	Meas2	Ratio	Conc.
Min:	3.81		2	
Max:	4.81		0	
Mean:	4.24			
StDev:	0.23			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.45			
2				4.34			
3				4.62			
4				3.92			
5				4.39			
6				4.22			
7				4.23			
8				3.81			
9				4.02			
10				4.81			
11				4.40			
12				4.23			
13				4.53			
14				4.62			
15				4.16			
16				3.93			
17				3.90			
18				4.43			
19				4.36			
20				4.35			
21				4.17			
22				3.97			
23				4.26			
24				4.24			
25				4.48			
26				4.08			
27				4.33			
28				4.18			
29				4.36			
30				4.09			
31				4.30			
32				3.93			
33				4.23			
34				4.23			
35				4.22			
36				3.89			
37				4.62			
38				4.14			
39				4.51			
40				4.35			
41				4.04			
42				4.24			
43				3.87			
44				4.18			
45				4.14			

File Name: 91001097

Channel Name: Pawlewicz

Description: Doyon Alaska 1,900' cuttings

Comment 1: Abundant organics. All very high rank. Good preparation

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

1850'-1900' composite sample
FR

Frequency
0 0
0 0
0 0
0 0

			Meas1	Meas2	Ratio	Conc.	
Min:			-3.86				
Max:			4.95				
Mean:			4.31				
StDev:			0.24				
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				3.97			
2				4.95			
3				4.10			
4				4.28			
5				4.03			
6				4.17			
7				4.55			
8				4.13			
9				3.98			
10				4.12			
11				4.26			
12				4.38			
13				4.46			
14				4.21			
15				4.26			
16				4.27			
17				4.51			
18				4.34			
19				4.40			
20				4.66			
21				4.03			
22				4.66			
23				4.15			
24				4.05			
25				4.72			
26				4.65			
27				4.37			
28				3.86			
29				4.03			
30				4.55			
31				4.40			
32				4.29			
33				4.25			
34				4.23			
35				4.26			
36				4.37			
37				4.07			
38				4.55			
39				4.17			
40				4.61			
41				4.30			
42				4.29			
43				4.66			
44				3.95			
45				4.33			

File Name: 91001098

Channel Name: Pawlewicz

Description: Doyon Alaska 2,200' cuttings

Comment 1: Organics are common. All very high rank. Good

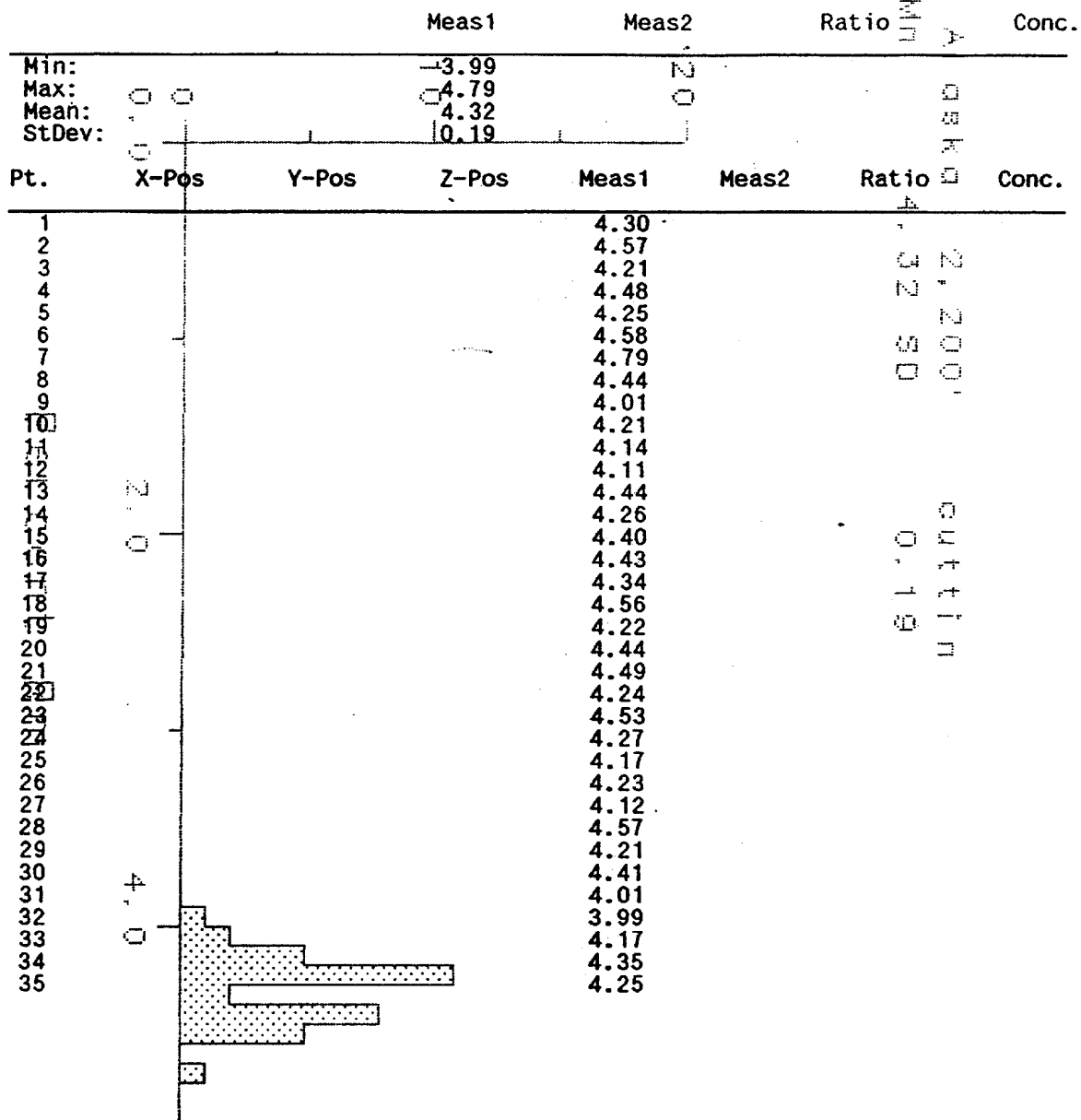
Comment 2: Preparation.

Comment 3:

Comment 4: 2150'-2200' composite sample for

Comment 5:

Comment 6:



File Name: 91001099

Channel Name: Pawlewicz Frequency

Description: Doyon Alaska 2,400' cuttings

Comment 1: Organics are common. All very high rank. Good

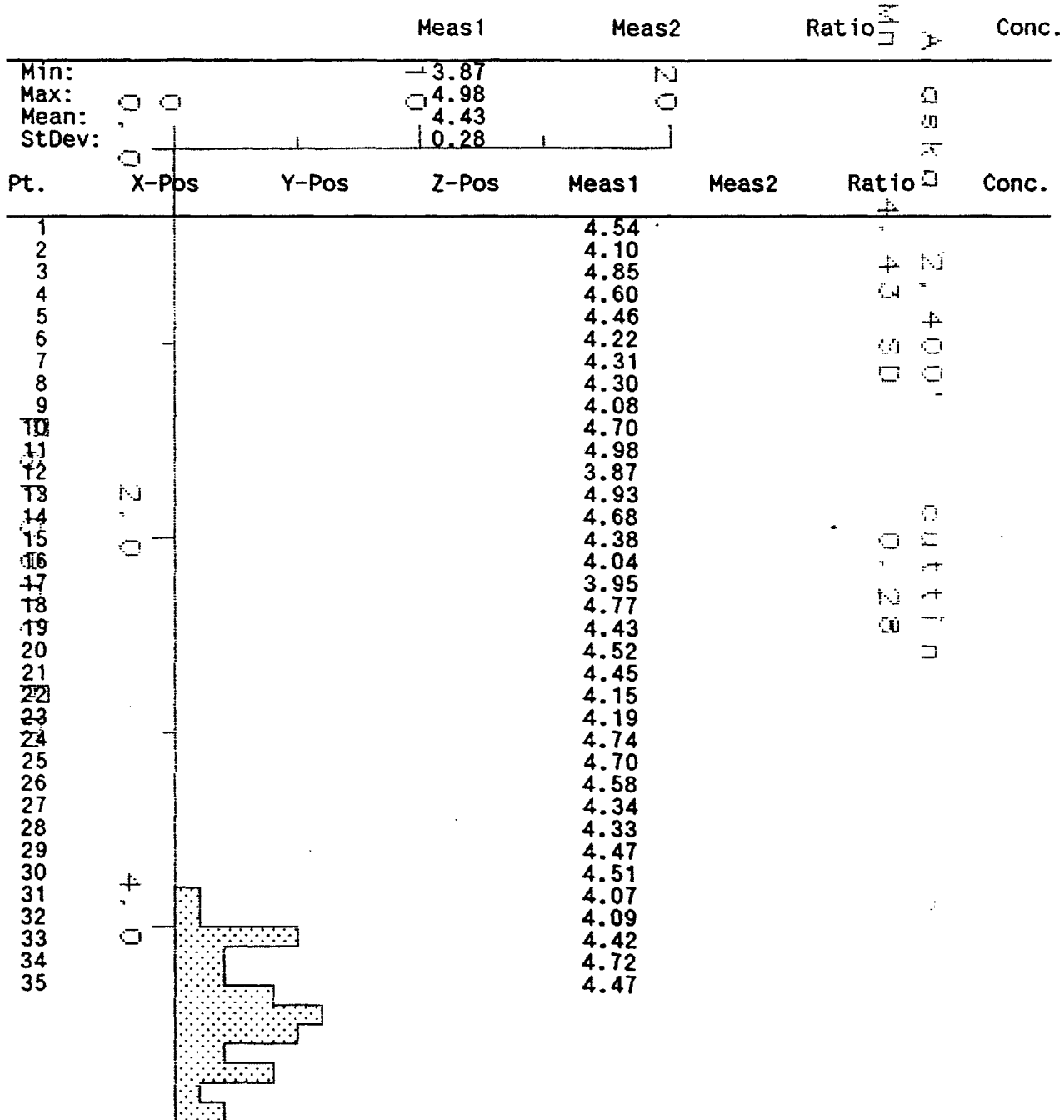
Comment 2: Preparation.

Comment 3:

Comment 4: 2350'-2400' composite sample *SR*

Comment 5:

Comment 6:



File Name: 91001101

Channel Name: Pawlewicz

Description: Doyon Alaska 7,700' cuttings

Comment 1: Organics are common. All very high rank. Good

Comment 2: Preparation.

Comment 3:

Comment 4:

Comment 5:

Comment 6:

7650'-7700' composite sample

				Meas1	Meas2	Ratio	Conc.
Min:				4.16			
Max:				5.08			
Mean:				4.63			
StDev:				0.23			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.55			
2				4.85			
3				4.45			
4				4.61			
5				4.48			
6				4.60			
7				4.30			
8				4.47			
9				4.89			
10				4.82			
11				4.64			
12				4.89			
13				4.83			
14				4.47			
15				4.99			
16				4.54			
17				4.34			
18				4.62			
19				4.95			
20				4.77			
21				4.53			
22				4.16			
23				4.43			
24				4.72			
25				5.03			
26				4.31			
27				4.42			
28				4.52			
29				4.55			
30				4.58			
31				4.54			
32				5.02			
33				4.70			
34				4.63			
35				4.41			
36				4.17			
37				4.69			
38				5.03			
39				4.61			
40				4.82			
41				4.45			
42				4.66			
43				4.52			
44				4.75			
45				4.86			
46				4.55			
47				4.31			
48				5.08			
49				4.53			
50				4.77			
51				4.45			

File Name: 91001102
 Channel Name: Pawlewicz
 Description: Doyon Alaska 7,900' cuttings
 Comment 1: Abundant organics. All very high rank. Good
 Comment 2: Preparation. 7850'-7900' composite sample
 Comment 3:
 Comment 4:
 Comment 5:
 Comment 6:

Doyon
 Alaska
 7,900'
 cuttings

				Meas1	Meas2	Ratio	Conc.
Min:				4.36			
Max:				5.89			
Mean:				4.97			
StDev:				0.40			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.70			
2				4.70			
3				4.60			
4				4.84			
5				5.23			
6				5.10			
7				5.25			
8				5.07			
9				4.70			
10	2.0			4.51			
11				4.40			
12				4.95			
13				5.89			
14				4.77			
15				5.46			
16				4.41			
17				4.60			
18				5.12			
19				5.33			
20				4.87			
21				5.22			
22				5.04			
23				5.07			
24				5.38			
25	4.0			4.36			
26				4.38			
27				4.82			
28				5.64			
29				5.60			
30				5.11			
31				5.54			
32				5.73			
33				4.60			
34				4.94			
35				4.73			
36				5.52			
37				4.41			
38				4.79			
39				5.14			
40				5.22			
41				4.41			
42				4.79			
43				4.78			
44				4.95			
45				4.91			

File Name: 91001100

Channel Name: Pawlewicz Frequency

Description: Doyon Alaska 2,700' cuttings

Comment 1: Organics are common. All very high rank. Good

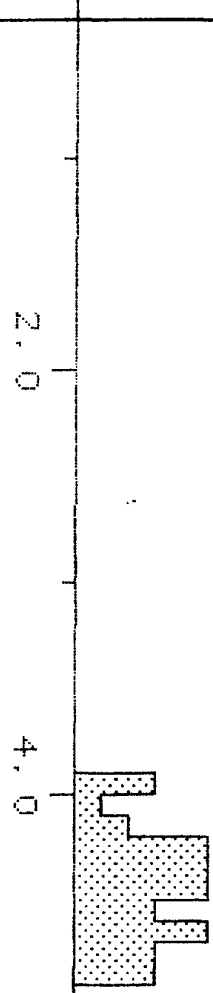
Comment 2: Preparation.

Comment 3: 2650'-2700' composite sample
 Comment 4: SR
 Comment 5:
 Comment 6:

DOYON
 ALASKA
 2,700'
 CUTTINGS

	Meas1	Meas2	Ratio	Conc.
Min:	3.96	2.0		
Max:	4.88	2.0		
Mean:	4.43			
StDev:	0.25			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.23		4.43	
2				4.88			
3				3.97			
4				4.63			
5				4.25			
6				4.49			
7				4.33			
8				4.84			
9				4.28			
10				3.96			
11				4.46			
12				4.61			
13	2.0			4.30			
14				4.02			
15				4.70			
16				4.33			
17				4.15			
18				4.37			
19				4.44			
20				4.56			
21				4.18			
22				3.98			
23				4.65			
24				4.34			
25				4.53			
26				4.58			
27				4.29			
28				4.70			
29				4.44			
30				4.28			
31	4.0			4.73			
32				4.47			
33				4.67			
34				4.67			
35				4.82			



File Name: 91001103

Channel Name: Pawlewicz Frequency

Description: Doyon Alaska 8,200' cuttings

Comment 1: Abundant organics. All very high rank. Good

Comment 2: Preparation.

Comment 3:

Comment 4:

Comment 5:

Comment 6:

8150'-8200' composite sample
JR

				Meas1	Meas2	Ratio	Conc.
Min:				4.21			
Max:				5.88			
Mean:				4.80			
StDev:				0.36			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.41			
2				4.54			
3				4.44			
4				4.57			
5				4.61			
6				5.10			
7				5.00			
8				4.68			
9				5.02			
10				4.67			
11				5.46			
12				4.66			
13				4.79			
14				5.31			
15				4.97			
16				4.94			
17				4.34			
18				4.59			
19				4.42			
20				4.95			
21				4.43			
22				5.07			
23				4.67			
24				4.99			
25				4.71			
26				4.34			
27				4.67			
28				4.45			
29				4.95			
30				5.13			
31				4.98			
32				4.61			
33				4.74			
34				4.67			
35				4.88			
36				5.67			
37				4.40			
38				4.45			
39				4.54			
40				4.21			
41				5.88			
42				4.87			
43				4.46			
44				5.15			
45				4.50			

File Name: 91001104

Channel Name: Pawlewicz

Description: Doyon Alaska 9,200' cuttings

Comment 1: All very high rank material, just not much of it.

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

9150-9200 composite sample

DOYON
ALASKA
9,200'

	Meas1	Meas2	Ratio	Conc.
Min:	4.59	5.00		
Max:	5.36	5.36		
Mean:	5.01			
StDev:	0.26			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.09			
2				4.93			
3				5.33			
4				5.36			
5				4.93			
6				5.00			
7				4.59			
8				5.19			
9				4.71			

Percent Rm

2.0
4.0
6.0



9,200'
SD
cutting
0.26

File Name: 91001105

Channel Name: Pawlewicz

Description: Doyon Alaska 9,400' cuttings

Comment 1: All very high rank material, just not much of it.

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

9350' - 9400' composite sample

DOYON
ALASKA
9,400'

	Meas1	Meas2	Ratio	Conc.
Min:	3.80	2.0		
Max:	4.92	2.0		
Mean:	4.45			
StDev:	0.32			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.06			
2				4.75			
3				4.36			
4				4.44			
5				4.34			
6				4.69			
7				4.57			
8				4.37			
9				4.92			
10				4.68			
11				3.80			

cutting
0.32

Percent Rm

2.0

4.0

File Name: 91001106

Channel Name: Pawlewicz

Description: Doyon Alaska 9,700' cuttings

Comment 1: All very high rank material. Good preparation.

Comment 2:

Comment 3: 9650'-9700' composite sample for

Comment 4:

Comment 5:

Comment 6:

0.7 SD
0.37

			Meas1	Meas2	Ratio	Conc.	
Min:			4.29	5.86			
Max:			5.86	5.86			
Mean:			4.87	4.87			
StDev:			0.37	0.37			
Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.71			
2				4.86			
3				5.07			
4				4.29			
5				5.06			
6				4.71			
7				5.19			
8				4.35			
9				4.93			
10	2.0			4.70			
11				5.54			
12				5.18			
13				4.52			
14				5.18			
15				4.60			
16				4.83			
17				5.27			
18				4.51			
19				4.50			
20				4.63			
21				4.52			
22				4.68			
23				4.76			
24	4.0			4.66			
25				5.47			
26				4.50			
27				5.86			
28				4.93			
29				5.21			
30				4.70			
31				4.53			
32				4.48			
33				4.85			
34				4.48			
35				4.66			
36				4.75			
37				5.29			
38				4.96			
39	6.0			5.67			
40				4.75			
41				5.28			

File Name: 91001107

Channel Name: Pawlewicz

Description: Doyon 9,900 Alaska cuttings

Comment 1: Organic material is common, all very high rank.

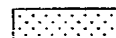
Comment 2:

Comment 3: 9850-9900 composite sample

Comment 4:

Comment 5:

Comment 6:



D
O
Y
O
N
9
9
0
0

	Meas1	Meas2	Ratio	9,900	Conc.
Min:	-4.26				
Max:	5.19	2.0			
Mean:	4.79				
StDev:	0.27				

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				4.48			
2				4.81			
3				4.26			
4				5.08			
5				4.95			
6				4.99			
7				4.90			
8				4.64			
9				5.14			
10	2.0			5.19			
11				5.00			
12	0			4.48			
13				4.81			
14				4.66			
15				4.96			
16				4.59			
17				5.17			
18				4.38			
19				4.73			
20				4.71			
21				4.86			
22				5.15			
23				4.58			
24	4.0			4.91			
25				4.44			

4.79
SD
Alaska
cutting
0.27

File Name: 91001108

Channel Name: Pawlewicz

Description: Doyon 10,200' Alaska cuttings

Comment 1: Organic material is sparse, all very high rank.

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

10150' - 10200' composite sample

Doyon 10,200' Alaska cuttings

	Meas1	Meas2	Ratio	Conc.
Min:	4.38	2.0		
Max:	5.19	2.0		
Mean:	4.74			
StDev:	0.25			

Pt.	X-Pos	Y-Pos	Z-Pos	Meas1	Meas2	Ratio	Conc.
1				5.19			
2				4.98			
3				4.62			
4				4.63			
5				5.00			
6				4.63			
7				4.83			
8				4.54			
9				4.54			
10				4.58			
11				4.59			
12				5.11			
13				4.38			
14							

10150' - 10200' Alaska cuttings

2.0

4.0

6.0

