

Log Record

Drill Hole Empire #1
 Location "The Lassons"
 Elevation _____
 Depth of core 14.0
 Depth of Recorder _____
 Depth of Water Table 1.2

Date May 20, 1941

Recorded by Ellen Gripp
 Title Research

Sample	Log	Depth	Remarks
#1	14.83	129.5 4.7	gray sand Black and gray sand - last 0.5' probably all gray sand
#2	2.56	105.3 10.4	Gray sand
#3	0.5 93.5	12.2 14.0	Gray sand Peat

Sample #3 contains bit sand + peat.

8.5
6.48

RD

129.5 x 4.2 x 14.83 = X
 10.4 x 6.2 x 2.56 = Y

9.6

48.0
 15.8
 10.8 | 63.8

7.971 process to 15.4'
 115.5 lbs ft³

OK.

BLACK SAND INVESTIGATION
Log Record

Drill Hole No. Empire Hole # 2

Date May 20, 1941

Location "The Lagoons"

Elevation _____

Depth of Hole 16.6

Depth of Overburden _____

Depth of Water Table 0.8 foot

Recorded by Ellen Grieg

Title Recorder

D	Sample	Log	Depth	Remarks
103.3	#1	4.4	1.2	Common gray sand
150.5	#2	20.0	2.6	
109.2	#3	5.0		"Black sand" Bottom 0.5' either grades into gray sand or was intermixed by drilling
			2.2	gray sand
101.9	#4		10.4	gray sand fr.
98.9	#5		12.5/12.8	gray sand intermixed with pebbles.
93.8	#6		16.6	Peat-bailed out as brown silt intermixed with sand from above Bottomed

Completed 7:30 PM
D. J. [unclear]

4, 5, 6 samples Hole No 2
(missed)

Changed to 6.2 Total Depth

Drill Hole No. Empire #3
 Location The Lagoons
 Elevation _____
 Depth of hole 9.6
 Depth of Overburden _____
 Depth of Water Table At Surface

Date May 22, 1901
 Recorded by Allan Griegs
 Title Recorder

2.1
3
8
10
10.6
9
11
11.4
12.4
13.4
14.4
15.4
16.4
17.4
18.4
19.4
20.4
21.4
22.4
23.4
24.4
25.4
26.4
27.4

Sample #	Log	Depth	Remarks
#1		0.3	
#2		7.4	? gray sand Gray sand D-90.8
#3		6.2	19.1 black sand turned gray between 20.8 & 24 D-137.0
#4		7.0	5.11 gray sand D-166.2
		8.6	? gray sand gray sand D-98.9
			? peat Peat Sample #4 peat and gray sand

Bottomed
lost 0.5' in log

9.6

115.0 ✓

10.7

13 x 91

OK

RECORD IDENTIFICATION

RECORD NO..... M015557
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... BRADLEY, R.; WALKER, G. W.
 DATE..... 78 12

NAME AND LOCATION

DEPOSIT NAME..... THE LAGOONS

MINING DISTRICT/AREA/SUBDIST. BEACH AREA

COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR
 STATE NAME: OREGON

COUNTY..... COOS

QUAD SCALE QUAD NO OR NAME
 1: 62500 BANDON (1943)

LATITUDE LONGITUDE
 43-11-04N 124-23-04W

UTM NORTHING UTM EASTING UTM ZONE NO
 4782000. 387500. +10

TWP..... 027S
 RANGE..... 014W
 SECTION.. 32
 MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: 6 MILES N. OF BANDON BY ROAD

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR AU PT

DRE MATERIALS (MINERALS, ROCKS, ETC.):
 CHROMITE

MAIN DRE MINERALS:
 CHROMITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2

PRESENT/LAST OPERATOR..... HUMPHREYS GOLD CORPORATION

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS

1) 1941 DIREXPL W.P.A. CREW

2) 1943 DIREXPL HUMPHREYS GOLD CORPORATION

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

PLACER

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX THICKNESS..... 32 FT

PRODUCTION

UNDETERMINED

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... BLACK SANDS

GEOLOGICAL DESCRIPTIVE NOTES. FILLED IN LAKE HAS A LAYER OF PEAT ACCUMULATED ON BOTTOM OF LAKE/LAGOON, ALL BUT WESTERN 500 FT. FILLED WITH BARREN SAND.

GENERAL REFERENCES

1) GRIGGS, A. B., 1944 , CHROMITE-BEARING SANDS OF THE SOUTHERN PART OF THE COAST OF OREGON: USGS BULL. 945-E, 140 .

Photos by J.E. Allen
6/2/43

HUMPHREY'S CHROME PLANT
Lagoons



General view looking south across the Lagoon. Washing plant in middle foreground. Concentrator in background. Sand is pumped up to Concentrator.



Dragline and washer. Washer is merely a trommel to remove oversize. Both are on cat-tracks.



Concentrator plant showing concentrate stacker and dragline for loading concentrate. Concentrate is shipped wet. Looking N.W.

MURPHY'S GREAT PLANT
Laguna

Photos by W.E. Allen
1935



Concentrator: looking N.E.

JOHN ELIOT ALLEN



Concentrator: Looking S. across pond.

JOHN ELIOT ALLEN



"Christmas Tree" valves delivering sand to
Concentrator.

JOHN ELIOT ALLEN