



State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

MEMORANDUM

LAUGHLIN ENGINEERING CO.

The concentrating mill of the G.M.C. Division of the Laughlin Engineering Company at Eagle Point was visited. The mill building was locked and no one was there. A few tons of chromite concentrates were on the concrete slab in back of the building and a stockpile of possibly 300-400 tons of chromite (a visual estimate) remained in front of the mill.

An attempt was made to drive to the Tyrrell manganese property south of Lake Creek. The road up Lost Creek to the property was impassable. Mr. Walch who lives west of the covered bridge over Lost Creek--from this point the Tyrrell property is reached via a road up Lost Creek--stated that some excavations had been made at the mine with a bulldozer and the bulldozer was at the mine, but that no one was working there, because even a jeep would be unable to reach the mine with the road in as bad a condition as it was since the current rains.

In the Medford telephone book this company is listed as follows:

Laughlin Engineering Co., Inc.
Milling & Mining Dept. 1011 S. Holly; Ph-3-2557
Smelting Dept. 235 S. Oakdale Ave; Ph-2-6974

J. N. Laughlin is president of the company and his address is the same as that given for the smelting department. D. E. Brundage is vice-president and his address is the same as that given for the milling and mining department. Addresses previously given for the company were 3259 Wilshire Blvd., Los Angeles, California and Box 446, Medford, Oregon.

Dave E. Brundage was contacted and the following information was furnished:

The Laughlin Engineering Company has a lease-option on the Tyrrell property from Mr. C. E. Smith, Medford, Oregon. Some bulldozer work has been done and a 30-foot face has been made in one pit.

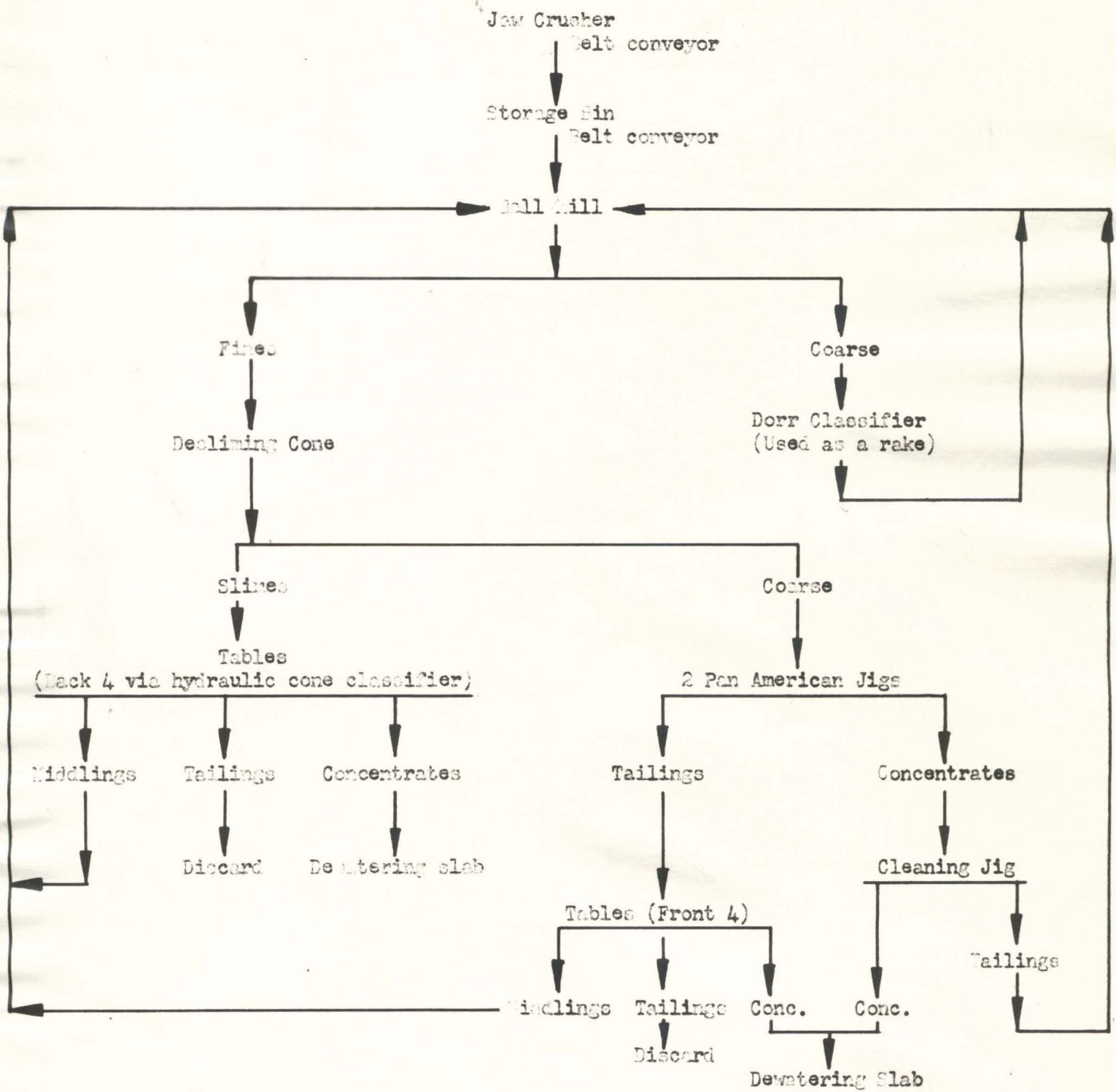
The mill is being converted to concentrate manganese ore. He said mill tests of the Tyrrell ore had been made by a New Jersey concern and Southwestern (probably Southwestern Engineering Company, 4800 S. Santa Fe Ave., Los Angeles).

Further exploration and mining will be started at the property as soon as the weather gets better so that a good road to the property can be built.

Visit and report by: DJW Mar. 12, 1953

Informant: Dave E. Brundage

PROPOSED FLOW SHEET FOR CONCENTRATING PLANT OF G.I.C. DIVISION,
 LAUGHLIN ENGINEERING COMPANY, LAUREL POINT, OREGON



Informant: L. L. Sibley
 10/10/52

D.J.W.

PROPOSED Flow Sheet FOR CONCENTRATING PLANT OF G.M.C.
 DIVISION, LAUGHLIN ENGR. CO., EAGLE POINT, OREG.

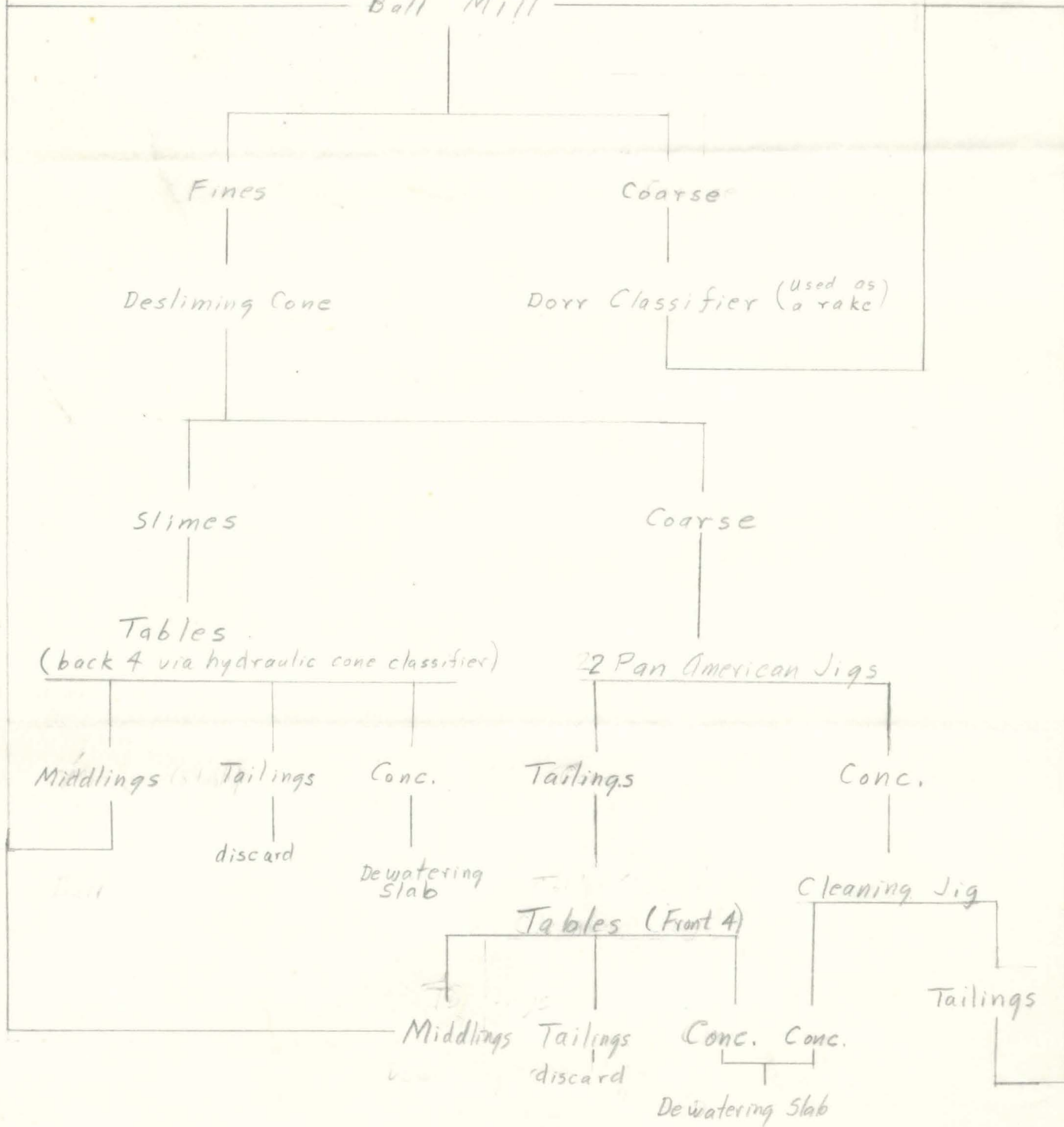
Jaw Crusher

belt conveyor

Storage Bin

belt conveyor

Ball Mill



Informant: L.L. Sibley, 10/10/52

D.J.W.

NEWS FROM THE CHROME MINES

G.M.C. Mill

The concentrating plant of the G.M.C. Mining and Milling Company located about $1\frac{1}{2}$ miles west of Eagle Point, Jackson County, Oregon, has been purchased by the Laughlin Engineering Company of Los Angeles, California, and is now a part of the G.M.C. Division of this company. J. N. Laughlin is President and Dave E. Brundage, Vice-President of the Laughlin Engineering Company. Lester L. Sibley is the mill manager. Production is scheduled to begin about October 15. About 600 tons of chromite from the Sordy mine in the Briggs Creek area near Galice, Josephine County, has been stockpiled and chromite is being shipped to the G.M.C. mill from a mine located about 12 miles west of Mount Shasta. The Tyrrell manganese mine in the Lake Creek district east of Eagle Point has been leased. Although both chromite and manganese ore will be milled, the initial production will be chromite concentrates.

NEW ORE CONCENTRATING PLANT AT EAGLE POINT, JACKSON COUNTY

A concentrating plant for treatment of both chromite and manganese ores is being constructed about $1\frac{1}{2}$ miles west of Eagle Point by the G.M.C. Mining and Milling Company. This company is composed of J. C. Larsen, George McKay, H. Harnes, James Bodenhamer, all of Sacramento, California, and Lester L. Sibley, Managing Engineer of Medford. The mill is expected to be in operation by December 15. The equipment will include an 18 x 30 jaw crusher, a 100-foot conveyor to transport ore from the crusher to a 200-ton ore bin, a large ball mill, Dorr classifier, three jigs, and eight concentrating tables. The mill will have a daily capacity of about 350 tons of ore.

The G.M.C. Company, which owns the Tyrrell manganese mine situated in the Lake Creek district east of Eagle Point, will obtain chromite ore from the Sordy chromite mine in the Briggs Creek area near Galice, Josephine County. The company is planning to accept custom ore in addition to the ore from its own properties.

Ore-bin, Nov. 1957

Oct. 10, 1952

3239 Wilshire Blvd.
Los Angeles, Calif

C.M.C. Division of Laughlin Engr. Co. — LL. Siloley - mill
manag.

J.N. Laughlin - pres.
Dave E. Brundage - v. pres.

Box 446, Woodford

hope to get 100 tons today till

Cr. Ore from Serdy estate & from Calif. (W. of Mt. Shasta
12 mi.) contracting work

500 ton (24 hour) Ball mill (Allis-Chalmers 5x12)
plus grate & Marcy lift

to screen Fine - to pump to desliming cone to
2 42x42 duplex balanced
Pan American jig (tailings from 1
go to second). Conc. from here
to cleaning jig. Tailings
from 2nd jig go to front 4 tables
for cleaning. Slimes from

8 Wilkey
conc. tables

15x30 open
Jaw Crusher
30x42 - jaws

desliming cone go to cone
(hydraulic classifiers) to back 4 tables

200 ton bin

Conc. from cleaning jig go to
dewatering slab. Tailings into
middling trough and back to ball mill

Ford Mc Cormick
was consulting;
during most of
construction

Coarse (from screen) go to Dorr Classifier
to ball mill to regrind used as rock

Middlings from all tables go
back to ball mill.

Plan to be in operation by Wed. of next week

About 650 tons chromite stockpiled

Inventory before Laughlin was \$158,000

D. J. W.

Jaw Crusher

↓ belt conveyor

Storage Bin

↓ belt conveyor

Ball Mill

Fines goes to

↓
Destliming Cone

↓
Slimes

↓
Tables (4 back) via hydraulic cone classifier

↓
middlings (at tables)

↓
Ball mill

↓
tailing discard

↓
conc

↓
dewatering slab

Coarse

↓
Dorr Classifier (as rake) ^{used}

↓
returned to Ball Mill

Coarse

↓
2 Pan American jigs

↓
tailings

↓
tables (Front 4)

↓
Conc

↓
Cleaning jig

↓
conc

↓
dewatering slab

↓
tailings

↓
ball mill

Dgn