

STATE DEPARTMENT
AND MINERAL INDUSTRIES

P. O. Box 1028

Albany, Oregon 97321

Telephone (503) 325-1111

July 19, 1976

Mr. Tom Spear
Public Works Department
Washington County Courthouse
150 North First Avenue
Hillsboro, Oregon 97123

Dear Tom,

This is in regards to the inspection made with you by Mr. Jerry Gray and myself on July 16 of a quarry located in the NE $\frac{1}{4}$, Sec. 12, T 1N, R 2W. It is listed as quarry #24 in the Department Bulletin #60 and called the Fuegy Quarry.

The rock is weathered with many large spheroids up to 3 feet in diameter showing on the weathered face of the quarry and lying on the floor of the quarry. The fresher rock when broken shows much yellow weathered volcanic glass which would downgrade the quality of the rock.

Although usable rock could probably be produced from this site, we believe the operation to be uneconomical for a number of reasons:

1. The large spheroids produced by weather along widely spaced joints would cause blocky, shooting and only the very large crushers could handle them. With a small crusher about 30% of the rock would be wasted.
2. The weathered rock is a large percentage of the total and the quality would be low unless much of the material were wasted or selectively quarried.
3. The proximity of ^{dwellings} drilling in the area would preclude blasting with normal sized charges, thus rock breakage would be poor and lawsuits for damaged water wells and building damage a possibility.
4. There are probably better sites within haul limits.

If further information is needed, please advise,

Sincerely,

Herbert G. Schlicker
Engineering Geologist

HGS/am

Wacker plant awaits dedication

By **BOB OLMOS**
of The Oregonian staff

Hans Herrmann, executive vice president of Wacker Siltronic Corp., wore an ear-to-ear smile while sitting in his Portland office at week's end. The kind of smile you wear when the big problems are over and that rainbow is starting to shine round your shoulder.

"I'm going to say thank you to everyone — to the state of Oregon, the city of Portland, the Portland Development Commission, our employees — everyone who cooperated in making this project possible," he said.

He was talking about part of the talk he will give Tuesday, Oct. 14, when formal dedication ceremonies are held for the \$60 million silicon-wafer producing plant at 7200 N.W. Front St.

The affable executive wants everyone to know that he — and the company — are grateful for all concessions made to help the West German firm

sink roots in Portland.

"I am going to recall important dates — such as March 10, 1978, when Portland made the decision to help us locate here and Oct. 5, 1978, when we poured the first concrete," Herrmann said.

Other speakers — Rudolph Mittag, chairman of the board, and Werner Freiesleben, president — will talk about the parent plant in Germany and the outlook of the silicon market and Wacker's position in that market.

Also on hand for the ceremonies will be Frank Chown, president of the Portland Chamber of Commerce; Mayor Connie McCready; and Rep. Les AuCoin, D-Ore.

Located on 84 acres, the plant is sprawled along the Willamette riverfront, with the administration building separated from the large production building by a long, covered walkway.

Ample acreage is available for expansion.

Herrmann said that expansion — the second and third phases — depends on production at the local facility, which has 650 employees.

"If production is good, maybe three or four years from now, we will have quite an expansion; an expansion to make this a wholly integrated facility," he said.

Wacker produces silicon single crystals and polished wafers. The products are used in the manufacture of semiconductor components for computers, TV sets, calculators and other electronic equipment.

Herrmann said 200 people have been invited to the dedication ceremonies, but that the number probably will be higher by Tuesday morning.

And the guests have been bid to help the company mark "this moment of both salutation and commitment."

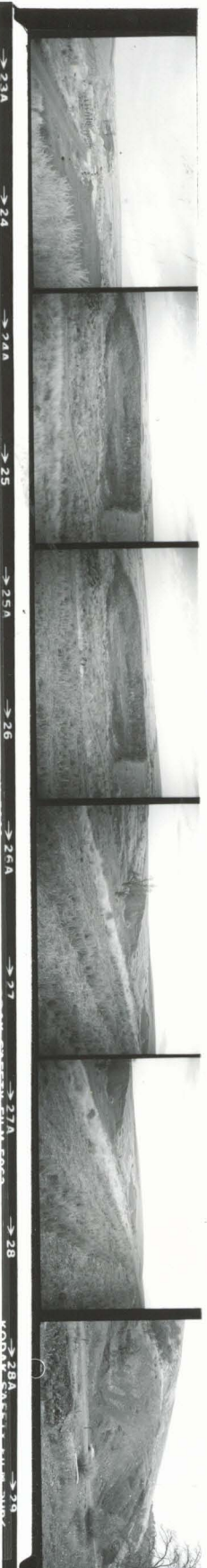
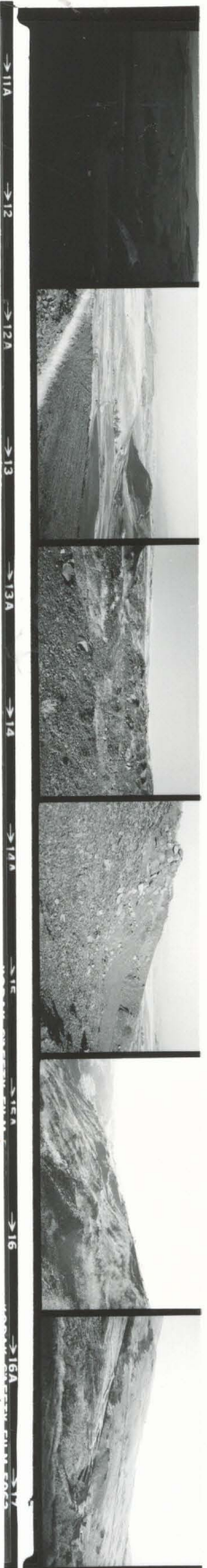


HANS HERRMANN

SUBJECT: _____

DATE: _____

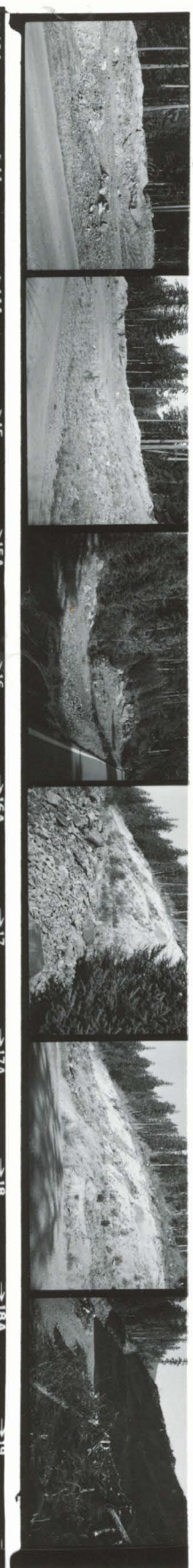
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DATE: _____

SUBJECT: _____

TECHNICAL DATA:



Notes on Bull Run Quarries 10/26/78

Note: CC=Clackamas County; MC=Multnomah County; TCR=Columbia River Basalt

- CC5 - Andesite
- MC45a - TCR
- MC45b - TCR - next to 45a
- MC45c - TCR
- MC45d - andesite
- MC45 - andesite
- MC47 - and - platy jointing
- Can't find MC48
- MC49 - TCR - North Fork quarry
- MC46 - Andesite - Button Pit - located incorrectly
- MC46a - Andesite - junction of N130 and S10
- MC51 - Andesite
- MC51a Andesite and Quat. basalt
- MC54a - TCR(Grand Ronde with normal remanent magnetism) part of upper thrust plate
- MC55a - Quat. basalt
- MC55 - Andesite - big talus slope
- CC11 - Mossy Back Pit - S10 on closed-off segment - andesite
- CC11a - Andesite
- CC11b - Andesite - abandoned pit; road closed and grown up
- CC13 is a constructed landing - not a quarry
- CC13a - top of Hiyu Mountain - Andesite?
- CC12a - little borrow pit
- CC12 - big andesite pit
- CC6a - TCR - very big and still active
- MC50 - Southside Pit - TCR
- CC7 is stockpile
- CC8 should be plotted as MC50a - Andesite
- CC6 is stockpile
- CC9 - Andesite
- CC10 - stockpile

N130
MC46a
S10

Bull Run

OCT 26, 1978

Roll # 1 B/W

CC = CLACKAMAS CO
MC = MULTNOMAH CO
NL = NOT LISTED

Exposure No.

#1	CC # 5	Looking NW	ANDESITE
2	CC # 5	" NE	
3	MC 45A	NL	TCR
4	MC 45A		
5	MC 45B	NL	
6	MC 45C	NL	
7	MC 45D	NL	ANDESITE
8	MC 45	Looking NE	ANDESITE
9	MC 45	Looking NW	
10	MC 47		ANDESITE
11	MC 49		TCR
12	MC 49	close up	
13	MC 46	Looking N	Button PIT
14	MC 46	Looking W	Button PIT
15	MC 46 A	Jct S-10 & N-130	Roadside BORROW PIT
16	MC 51		
17	MC 51		
18	MC 51A		
19	MC 54 A	Borrow Pit on Curve	TCR
20	MC 55 A	Borrow PIT	
21	MC 55	Big Talus	
22	MC 55	Big Talus	
23	CC 11		Mossy Back PIT
24	CC 11 A		
25	CC 11 B		ABANDONED

OVER

26. CC 11 B A BANDONED
 27. CC 11 B A BANDONED
 28. CC 13 A
 29. CC 13 A
 30. CC 12 A
 31. CC 12
 32. MC 55 Big Talus
 33. MC 55 Big Talus
 34. MC 55 Big Talus
 35. MC 55 Big Talus

Roll 2

1. CC 6 A
 2. CC 6 A
 3. MC 50 south Side P.T
 4. MC 50 south Side P.T
 5. MC 50 A (cc8)
 6. MC 50 A (cc8)
 7. CC 6
 8. CC 6
 9. CC 9
 10. CC 9

ROYALTIES FROM SAND AND GRAVEL LEASES
FROM RIVER BEDS AND PITS
YEARS ENDING JUNE 30

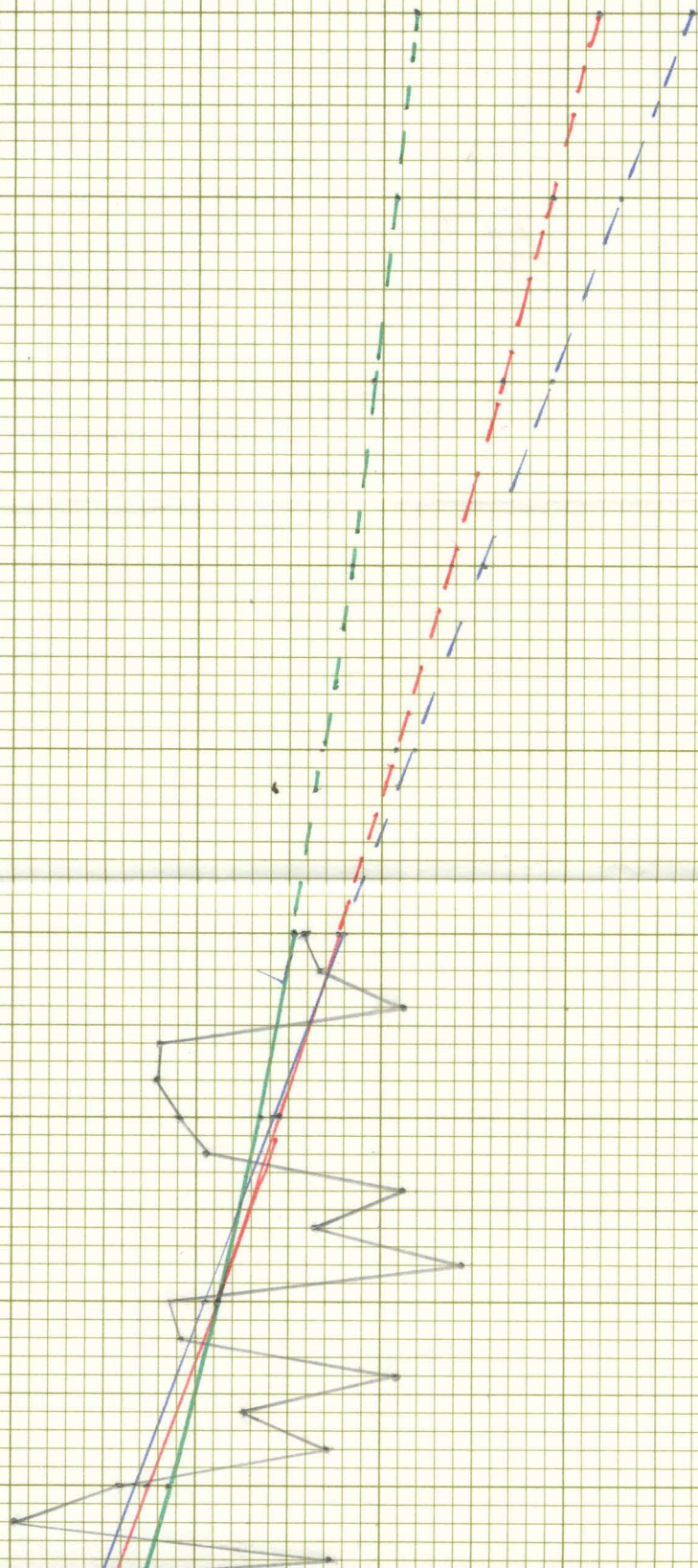
1954	\$ 69,369.51
1955	98,376.60
1956	80,952.56
1957	104,187.05
1958	129,995.59
1959	114,927.72
1960	138,285.76
1961	117,031.56
1962	126,059.93
1963	175,661.74
1964	170,090.06
1965	120,965.86
1966	166,373.50
1967	254,299.91
1968	239,072.28
1969	189,609.22
1970	364,842.71
1971	228,824.92
1972	196,275.54
1973	312,307.82
1974	278,172.06

2,888,926.48
 x .75

 2,166,694.9 yd³
 - 6,268,787

 27,935,736 yd³
 x 2

 55,871,472 ton



$$\log_{10} Y = 0.476 - 0.239 \log_{10} X$$

$$r^2 = 0.472 \quad X_0 = 1930$$

$$\log_{10} Y = -0.118 - 0.0102 X$$

$$r^2 = 0.522 \quad X_0 = 1940$$

$$Y = 0.883 - 0.0075 X$$

$$r^2 = 0.530 \quad X_0 = 1940$$