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 NE2, Sec. 12, T 1N, R 2W.  
It is listed as quarry #24 in the Department Bulletin #60 and called the Fuagy 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 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
Wacker plant awaits dedication

By BOB OLMOS
of The Oregonian staff

Hans Herrmann, executive vice president of Wacker Siltronic Corp., wore an ear-to-toe 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."
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
Roll #1  B/W  

#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  ANDESITE
10. MC 47  
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 46A  Jct S-10 & N-130  Roadside Borrow Pit
16. MC 51
17. MC 51
18. MC 51A
19. MC 54A  Borrow Pit on Curve  TCR
20. MC 55A  Borrow Pit
21. MC 55  Big Talus
22. MC 55  Big Talus
23. CC 11  
24. CC 11A  MossyBack Pit
25. CC 11B  ABANDONED

OVER
26. CC 11 B  ABANDONED
27. CC 11 B  ABANDONED
28. CC 13 A
29. CC 13 A
30. CC 12 A
31. CC 12
32. MC 55 B 1 g Talus
33. MC 55 B 5 Talus
34. MC 55 B 5 Talus
35. MC 55 B 5 Talus

Roll 2
1. CC 6 A
2. CC 6 A
3. MC 50 South Side P.I.T
4. MC 50 South Side P.I.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**

<table>
<thead>
<tr>
<th>Year</th>
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<td>1954</td>
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<tr>
<td>1955</td>
<td>98,376.60</td>
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<td>1974</td>
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\[ \log Y = 0.476 - 0.239 \log X \]
\[ r^2 = 0.472 \quad X_0 = 1930 \]

\[ \log Y = -0.118 - 0.0162 X \]
\[ r^2 = 0.522 \quad X_0 = 1970 \]

\[ Y = 0.883 - 0.0075 X \]
\[ r^2 = 0.530 \quad X_0 = 1940 \]