State of Washington
ALBERT D. ROSELLINI, Governor

Department of Conservation
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DIVISION OF MINES AND GEOLOGY
MARSHALL T. HUNTTING, Supervisor

Information Circular No. 37

DIRECTORY OF WASHINGTON MINING OPERATIONS 1962

By
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FOREWORD

The current Directory, like those published in the preceding years, is designed to provide information on all companies, agencies, or individuals who are producing minerals or mineral aggregates in Washington. The names of the concerns and of the mines or other properties are listed, together with addresses, locations, and the minerals produced. In most instances the concerns listed are currently operating; some, however, are in a development or exploration stage but expect to produce in the near future. The data used are from the files of the Division of Mines and Geology and have been obtained principally through personal contacts with the operators at their mines, quarries, or places of business.

Sand, gravel, and common crushed-rock operations include all the known commercial producers, as distinct from State, County, and railroad pits and quarries. As the emphasis is on operations of some permanence, the many pits of the Washington Department of Highways are not listed individually because of the temporary or intermittent nature of their production. The rock referred to is used mostly for road-building purposes. That used for riprap, breakwaters, and dimension, architectural, and landscape stone is listed in the nonmetallic section of this report.

Every effort has been made to insure the completeness and accuracy of the data included in this Directory. However, as changes in status due to reorganization, removals, and altered mining conditions are continually taking place, it will be appreciated if additions and corrections are brought to the attention of the Division.

In preparing this directory, even more than its predecessors, the Division office staff was relied on heavily. The indexes were prepared by Dorothy Rinkenberger, who also edited and helped proofread the entire report. Typing and proofreading of photo-offset manuscript was done by Gloria DeRossitt and Sandee Anderson.

Marshall T. Huntting, Supervisor
Division of Mines and Geology
Olympia, Washington

February 15, 1963

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DIRECTORY OF WASHINGTON MINING OPERATIONS, 1962

By Gerald W. Thorsen

INTRODUCTION

ARRANGEMENT AND USE OF THE DIRECTORY

The active mining operations of the state are arranged in three categories: those producing or currently preparing to produce METALLIC minerals; those producing NONMETALLIC minerals exclusive of sand, gravel, and crushed rock; and those producing SAND AND GRAVEL, and crushed rock. In the text of the directory the operations are listed alphabetically by organization under each of the three categories. Each entry, in addition to the organization name, includes the names of officers or other individuals familiar with the operation, a mailing address, plant capacity or production if available, the current status of activity, the product or products, and the location of the producing property by legal land description.

Following the alphabetical listings appear three sets of indexes. The first, the PROPERTY INDEX, requires that only the appropriate mine, prospect, claim, pit, or quarry name be known in order that one may ascertain full information about the property from the alphabetical section. The second, the PRODUCT INDEX, requires that only the product or products from a property in any of the categories be known in order to obtain full information. The third index, the COUNTY INDEX, lists all the active operations of each category that are located in each county. This index also includes the product or products of each operation. Thus by knowing only the location of a property, one may obtain full information.

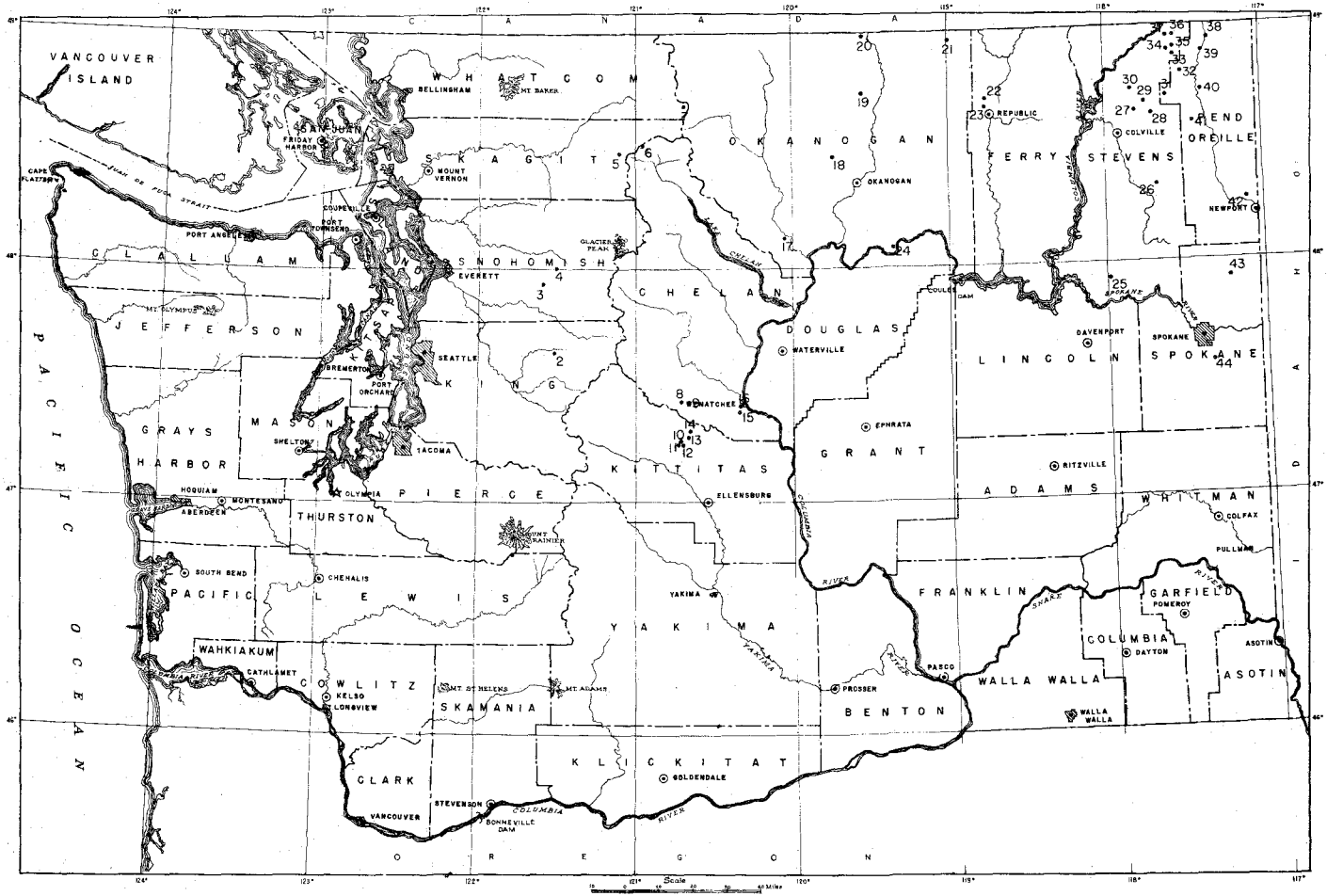
The abbreviations used throughout the directory include:

Ag - silver	Cu - copper	Pb - lead	W - tungsten
Au - gold	Fe - iron	Sn - tin	Zn - zinc
	Mo - molybdenum	U - uranium	

Underscoring indicates the metal or metals of principal economic importance.

Locations by legal land descriptions are abbreviated; for example, NE¼ sec. 15, (29-37E), which written in full would be northeast quarter of section 15, township 29 north, range 37 east Williamette meridian.

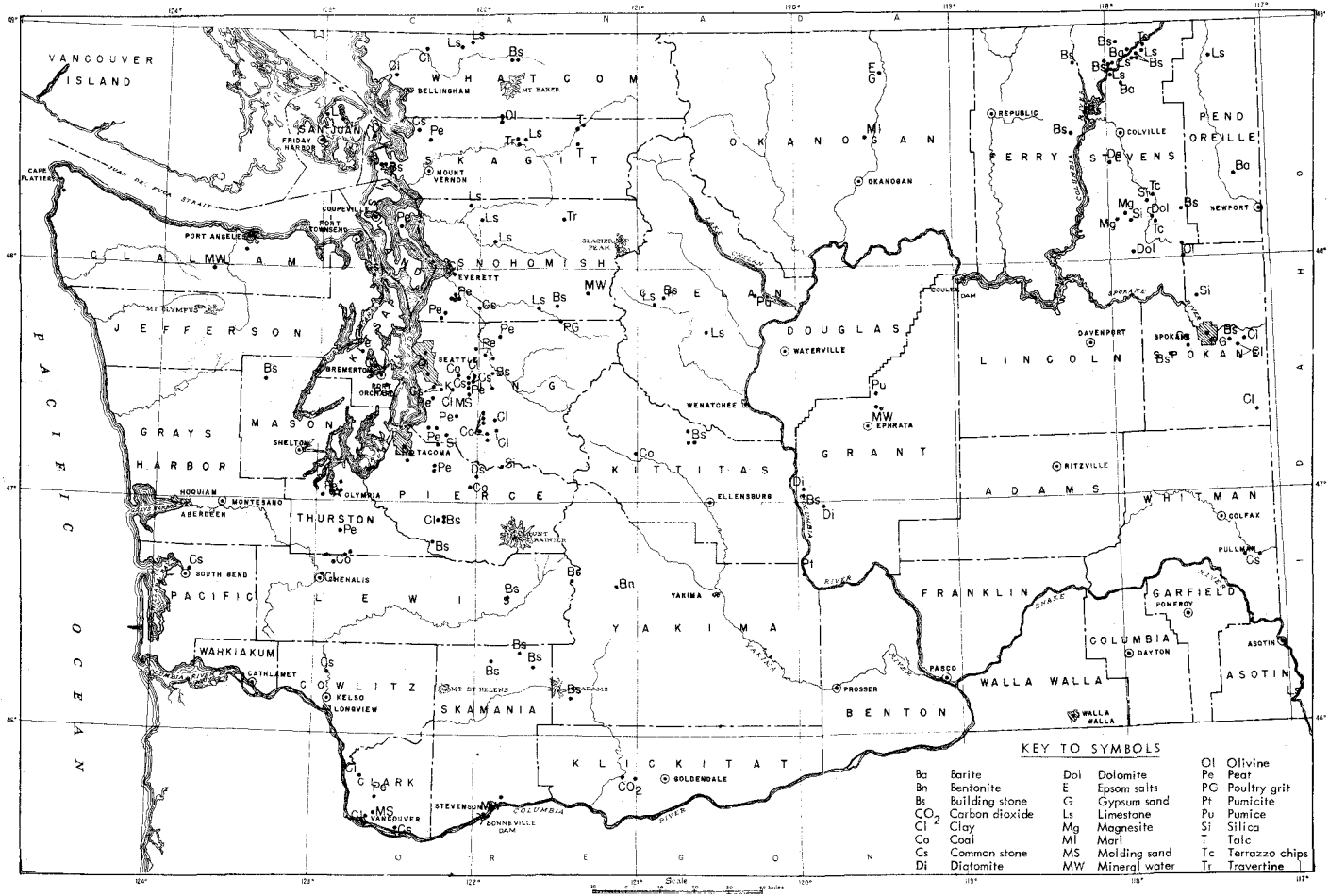
CURRENTLY ACTIVE METALLIC PROPERTIES



KEY TO ACTIVE METALLIC PROPERTIES

1. Eagle Peak
2. Devil's Canyon
3. Kromona
4. Sunrise
5. Diamond
6. Rose (Davenport)
7. Brown Bear
8. Caldo
9. Pole Pick
10. Anna May
11. Mountain Daisy
12. Golden Thunderbird
13. Ace of Diamonds
14. Nelson Hill
15. Gold King
16. Saddlerock
17. Holden-Campbell
18. Fourth of July
19. Silver Star
20. Johnson
21. Buckhorn
22. Knob Hill - Gold Dollar
23. Morning Glory-El Caliph
24. Chief Jo
25. Midnite
26. United Copper
27. Shumaker
28. Pioneer
29. Sanders
30. Galena Farm
31. Rocky Creek
32. Jim Creek
33. Gladstone
34. Lead King
35. Lead Trust
36. Iroquois
37. Red Top
38. Pend Oreille
39. Grandview
40. Fairview
41. Lost Creek
42. Comstock
43. Daybreak
44. Silver Hill

CURRENTLY ACTIVE NONMETALLIC PROPERTIES



KEY TO SYMBOLS

Ba	Barite	Dol	Dolomite	Ol	Olivine
Bn	Bentonite	E	Epsom salts	Pe	Peat
Bs	Building stone	G	Gypsum sand	PG	Poultry grit
CO_2	Carbon dioxide	Ls	Limestone	Pt	Pumicite
Cl	Clay	Mg	Magnesite	Pu	Pumice
Co	Coal	Ml	Marl	Si	Silica
Cs	Common stone	MS	Molding sand	T	Talc
Di	Diatomite	MW	Mineral water	Tc	Terrazzo chips
				Tr	Travertine

WASHINGTON MINERAL PRODUCTION (a)

Product	1961		1962 (b)	
	Quantity	Value	Quantity	Value
Barite ------ short tons	5,100	$ 42,000	(c)	(c)
Clays (d) -------- do --	145,000	138,000	125,000	$ 102,000
Coal (bituminous)- do --	191,000	1,381,000	228,000	(c)
Copper --------- do --	66	40,000	45	28,000
Lead ---------- do --	8,053	1,659,000	6,033	1,110,000
Peat ---------- do --	55,543	359,000	60,000	387,000
Sand and gravel -- do --	18,994,000	16,145,000	19,000,000	16,000,000
Stone ---------- do --	11,464,000	14,758,000	11,400,000	14,500,000
Talc and soapstone do --	2,947	23,000	3,000	23,000
Uranium ore ----- do --	175,327	3,582,000	101,300	1,909,000
Zinc ---------- do --	20,217	4,650,000	21,579	4,963,000
Undistributed (e) ------		23,668,000		24,080,000
Total value	----------	$64,527,000(f)	----------	$61,172,000(f)

(a) These figures are furnished by the United States Bureau of Mines in cooperation with the Division of Mines and Geology, State of Washington.

(b) Preliminary figures, partly estimated.

(c) Value included with "Undistributed."

(d) Incomplete total, fire clay included under "Undistributed."

(e) Abrasive stone (grinding pebbles) (1961), carbon dioxide, diatomite, epsomite, gem stones, gold, gypsum, lime, magnesite, olivine, petroleum (1961), portland cement, pumice, silver, tungsten (1961), and values indicated by footnote c.

(f) Total has been adjusted to eliminate duplicating value of raw materials used in manufacturing cement and lime; 1961 total revised.

Washington's mineral production value declined from $64.5 million in 1961 to $61.2 million in 1962, according to United States Bureau of Mines preliminary figures. This $3.3 million decline is due largely to decreased production of gold, lead, and uranium. Sand and gravel, stone, and cement production was about the same, whereas production of zinc, coal, and magnesite increased.

Compared with that of other northwestern states, the mineral production of Washington in 1961 ranked closely behind that of Idaho ($68.7 million) and well ahead of Oregon ($54.9 million) and Alaska ($34.7 million).

METALLIC MINING OPERATIONS

Abbreviations used:

Ag - silver	Cu - copper	Pb - lead	W - tungsten
Au - gold	Fe - iron	Sn - tin	Zn - zinc
	Mo - molybdenum	U - uranium	

Underscoring indicates metal of principal economic importance.

Locations by legal land descriptions are abbreviated; for example, NE¼ sec. 15, (29-37E), which written in full would be northeast quarter of section 15, township 29 north, range 37 east Willamette meridian.

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ACE OF DIAMONDS CLAIM Clarence Jordin, owner Route 2 Cle Elum, Wash. Current exploration	Au, Ag	KITTITAS COUNTY Swauk (Liberty area) Sec. 31, (21-18E)
AMERICAN ZINC, LEAD AND SMELTING CO. 1600 Paul Brown Bldg. St. Louis 1, Mo. R. E. Calhoun, Mgr. Mining Operations 304 Hamilton Bank Bldg. Knoxville 2, Tenn. John W. Currie, Res. Mgr. 1023 Old National Bank Bldg. Spokane 1, Wash. 800-ton flotation mill near Metaline Falls. Current production at Grandview and Mineral Right mines	Zn, Pb, Ag	PEND OREILLE COUNTY N. of Metaline Falls Secs. 14, 15, 22, 30, (39-43E)
ANNA MAY CLAIM Robert A. Bowman, owner Star Route, Box 1488 Tacoma 22, Wash. Current exploration	Au	KITTITAS COUNTY Liberty area Sec. 2, (20-17E)
CALDO MINING CO. Oren Dodd, Pres. 833 Walker Wenatchee, Wash. Current exploration on old Lucky Strike claim (renamed Caldo claim)	Au	CHELAN COUNTY Nigger Creek area Sec. 4, (22-17E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
CHIEF JO TUNGSTEN, INC. Fred Timm Box 689 Okanogan, Wash. 100-ton gravity mill. Current development	W	OKANOGAN COUNTY Goose Lake area Sec. 30, (30-28E)
CLAYLOON URANIUM CO., INC. Byrl T. Goodwin, Jr., Pres. 319 Peyton Bldg. Spokane 1, Wash. Gravity mill at Leadpoint. Limited production from Lead Trust and Lead King mines. Current exploration on Crystal claims	Pb	STEVENS COUNTY Gladstone Mountain SW¼ sec. 7, (39-42E)
DAWN MINING CO. G. S. Hinsdale, Pres. 503 Public Service Building Portland 4, Oreg. J. A. Pike, Mgr. Ford, Wash. 440-ton mill at Ford, Wash. Current production at Midnite mine	U	STEVENS COUNTY Turtle Lake area Sec. 12, (28-38E)
DAYBREAK URANIUM, INC. James W. Fox, Pres. Kae H. Sowers, Secy.-Treas. 12707 E. Valleyway Opportunity 67, Wash. Limited production at the Daybreak mine	U	SPOKANE COUNTY Mount Spokane area E½NE¼ sec. 11, (28-44E)
DELLES AND SULLIVAN MINING AND MILLING CO. Joe Delles, Pres. Pat Sullivan, Secy.-Treas. Colville, Wash. 200-ton flotation mill 2 miles N. of Colville. Current development at:		
Jim Creek property	Pb, Zn, Ag	PEND OREILLE COUNTY W. of Ione Sec. 15, (38-42E)
United Copper property	Cu, Ag	STEVENS COUNTY NE. of Chewelah NW¼ sec. 32, NE¼ sec. 31, (33-41E)
Limited production from Sanders property	Pb, Zn, Ag	NE. of Colville on Joe Creek SE¼ sec. 35, (37-40E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
DEVIL'S CANYON MINING CO. Vernon M. Osterberg, Pres. Route 2, Box 230B Sultan, Wash. Current exploration	Mo, Cu, Au, Ag, W	KING COUNTY Buena Vista district SE¼ sec. 27, (25-10E)
DOW MINERALS, INC. James E. Dow, Pres. 1008 21st St. N.W. Puyallup, Wash. 5-ton cyanide pilot mill. Current exploration on Brown Bear property	Au	OKANOGAN COUNTY 1½ mi. S. of Harts Pass NW¼ sec. 24, (37-17E)
EAGLE PEAK COPPER MINING CO. R. H. Wheelock, Pres. Box 86 Ashford, Wash. Current exploration at Aldla and Paradise claims	Cu, Au	LEWIS COUNTY Mount Rainier Park SW¼ sec. 22, (15-8E)
FAIRVIEW CLAIMS George W. Heller, lessor Box 133 Wenatchee, Wash. Current exploration	Ag, Pb, Zn	PEND OREILLE COUNTY Dry Canyon area NE¼ sec. 10, (37-43E)
FOURTH OF JULY MINE Cecil B. Murray 9 Pogue Road Omak, Wash. Limited production	Ag	OKANOGAN COUNTY Conconully area SE¼NW¼ sec. 5, (34-25E)
GALENA FARM MINE E. J. Mullen and sons Chewelah, Wash. Limited production	Pb, Ag, Cu, Au	STEVENS COUNTY Northport area NE¼ sec. 7, (37-40E)
GOLDEN THUNDERBIRD MINING CO., INC. Virgil Hiner 406 N. Pearl Ellensburg, Wash. Current production from placer claims at Liberty	Au	KITTITAS COUNTY Liberty area Secs. 1, 2, (20-17E)
HILLSIDE MINES, INC. Everett Hougland, Pres.-Gen. Mgr. Republic, Wash. Limited production from the Morning Glory-El Caliph group	Au, Ag	FERRY COUNTY Republic area SW¼ sec. 34, (37-32E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
JANNI SADDLEROCK PROSPECT Joseph A. Janni 826 Red Apple Road Wenatchee, Wash. Limited production (See also: Janni, Joseph A. under Nonmetallic Mining Operations.)	Au, Ag	CHELAN COUNTY Wenatchee area SW¼SW¼ sec. 16, (22-20E)
JOHNSON, L. C. Box 417 Oroville, Wash. Current exploration	Fe	OKANOGAN COUNTY Shankers Bend area Secs. 2, 3, 4, 10, 11, (40-26E)
KNOB HILL MINES, INC. A. R. Patterson, Gen. Supt. Republic, Wash. Leasing Gold Dollar property from Day Mines, Inc. 400-ton flotation mill with cyanidation of tailings. Current production at Knob Hill and Gold Dollar claims	Au, Ag	FERRY COUNTY Republic district Secs. 22, 26, 27, (37-32E)
KROMONA CONSOLIDATED MINES, INC. Joe F. Krom, Pres. 621 Lloyd Bldg. Seattle 1, Wash. 120-ton mill. Limited production from Kromona mine	Cu, Mo, Au, Ag	SNOHOMISH COUNTY Sultan district Sec. 13, (28-9E)
LOVITT MINING CO., INC. E. H. Lovitt, Pres. Box 1668 Wenatchee, Wash. 300-ton flotation mill. Current production at Gold King mine	Au, Ag	CHELAN COUNTY Squillchuck area Secs. 16, 21, 22, (22-20E)
LUCKY JOE MINING CO. Joe Miller, Pres. 818 N. 2nd Coeur d'Alene, Idaho Dale Don, Secy. Box 191 Coeur d'Alene, Idaho. Current exploration on Comstock claim	Pb, Ag	PEND OREILLE COUNTY Bead Lake district Secs. 15, 22, (32-45E)
MALISPINA MINING CO., LTD. George Milburn, Pres. 402 W. Pender St. Vancouver 3, B. C. Current exploration at Sunrise property	Cu, Mo, Ag	SNOHOMISH COUNTY Sultan Basin district N½ sec. 15, (29-10E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
MINER'S MINING INC. Ed Miner, Pres. Route 2 Cle Elum, Wash. Pilot mill E. of Liberty. Limited placer production from Anna May claim	Au	KITTITAS COUNTY Liberty area Sec. 6, (20-17E)
Current exploration on Mountain Daisy claim		Sec. 6, (20-17E)
NELSON HILL PROPERTY Ollie Jordin Clair Wynecoop Route 2 Cle Elum, Wash. Current exploration	Au	KITTITAS COUNTY Liberty area W½ sec. 29, (21-18E)
PAYMASTER MINES, INC. Paul Rogstad, Pres. Box 44, Pateros, Wash. 50-ton gravity mill. Current exploration at Holden-Campbell group	Cu, W, Au, Ag	OKANOGAN COUNTY Squaw Creek district NW¼ sec. 11, (30-22E)
PEND OREILLE MINES & METALS CO. Jens Jensen, Pres. A. C. Wimberly, Secy.-Treas. 923 Old National Bank Bldg. Spokane 1, Wash. L. M. Kinney, Res. Mgr. Metaline Falls, Wash. 2,400-ton flotation mill. Current production at Pend Oreille mine	Zn, Pb, Ag	PEND OREILLE COUNTY Metaline district Properties in Tps. 39 and 40 N., R. 43 E.
POLE PICK MINE Harold C. Lewis and Graeme Thorne, lessees Route 2 Cle Elum, Wash. Current exploration	Au	CHELAN COUNTY N. side of Blewett Pass SW¼ sec. 2, (22-17E)
RARE METALS CORPORATION OF AMERICA El Paso National Bank Bldg. 315 East 2nd South Salt Lake City, Utah. Current exploration on:		STEVENS COUNTY Leadpoint area
Iroquois group	Zn, Pb	NE¼ sec. 30, (40-42E)
Red Top mine	Pb, Zn, Ag	SE¼ sec. 25, (40-41E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ROCKY CREEK MINE George Jensen and Joseph R. McNamee Northport, Wash. Current exploration	Pb, Ag, Au	PEND OREILLE COUNTY Tiger area SE¼ sec. 23, (37-41E)
SHAMROCK MINING CO. F. R. Walkley, Supt. Spokane, Wash. Limited production from Gladstone, Electric Point, and Bechtol properties	Pb	STEVENS COUNTY E. of Leadpoint E½ sec. 18, (39-42E)
SILVER HILL MINES, INC. H. Halverson, Inc., operator E. 5218 Sharp Ave. Spokane, Wash. 50-ton gravity mill. Recent production	W, Sn	SPOKANE COUNTY Silver Hill, S. of Spokane Secs. 23, 24, (24-43E)
SILVER MOUNTAIN MINING CO. Arthur G. Nickelsen, Pres. 2403 S. Tacoma Way Tacoma 2, Wash. 200-ton mill at Tonasket. Current exploration at Silver Star mine	Ag, Au, Pb, Zn	OKANOGAN COUNTY Tonasket area W½ sec. 34, (38-26E) NW¼ sec. 3, (37-26E)
SOREN MINING AND MILLING CORP. William Soren, Pres. Route 1 Sedro Woolley, Wash. Current exploration at Diamond property	Ag, Pb, Zn, Cu	SKAGIT COUNTY 2 mi. W. of Cascade Pass SE¼ sec. 35, (35-13E)
TRI-NITE MINING CO. Claire Wynecoop, Pres. L. L. McLean, Secy.-Treas. 405 Fidelity Building Spokane 1, Wash. Moving former Goldfield Consolidated Mines mill to Joe Creek site. Recent production stockpiled from Shumaker mine	Zn	STEVENS COUNTY NE. of Colville SE¼ sec. 8, (36-40E)
TRIPLE H-J MINING CO., INC. Ted, Ben, and Ray Heikkila and Howard B. Johnson, partners Route 1 (P. O. Box 651) Astoria, Oreg. Limited production from Lost Creek claims	U	PEND OREILLE COUNTY Lost Creek area Secs. 30, 31, (36-43E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
TRITON MINING CO. Darrell A. Newland, Pres. Cline E. Tedrow, Vice Pres. 206 Collins Building Colville, Wash. Current exploration at Pioneer mine (See also: Triton Mining Co. under Nonmetallic Mining Operations.)	Pb, Ag, Zn, Cu	STEVENS COUNTY NE. of Colville Secs. 7, 18, (36-41E)
VALUMINES INC. Max McKinley, Pres. Bayview, Idaho Walter A. Rukke, Vice Pres. Tacoma, Wash. Current exploration on group of claims including old Davenport (renamed Rose)	Pb, Ag, Au	CHELAN COUNTY Horseshoe Basin area Sec. 29, (35-15E)
ZONTELLI BROTHERS John J. Simmons, Mgr. Ironton, Minn. Magnetic Mines, Inc., lessor Wenatchee, Wash. Current exploration at Buckhorn Iron mine	Fe	OKANOGAN COUNTY 5 mi. E. of Chesaw Secs. 13, 24, (40-30E)

NONMETALLIC MINING OPERATIONS

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ACME AMERICAN PEAT MOSS W. E. Weaver N. 165th and Meridian Seattle 33, Wash. Current production	Peat	KING COUNTY North Seattle Pit at same address
ADDERSON, J. G. 10621 Crestwood Drive Seattle 88, Wash. Limited production at Denny-Renton quarry	Silica	KING COUNTY Enumclaw area NW¼ sec. 1, (19-7E)
AGRO MINERALS, INC. R. W. Cool, Pres.-Gen. Mgr. R. R. 1 Tonasket, Wash. Current production	Epsom salts, gypsum sand	OKANOGAN COUNTY Tonasket area SE¼ sec. 5, (38-27E)
ALLIED MINERALS CORP. L. F. Smith, Pres. 10030 356th S. Auburn, Wash. Current development of quarry on E. E. Gerhke property	Dolomite	STEVENS COUNTY 4 mi. W. of Springdale SE¼SE¼ sec. 2, (29-39E)
ARBOR LAKE GARDEN SUPPLY H. W. Drachenberg, owner 12224 3rd Ave. S. Seattle 88, Wash. Current production	Peat	KING COUNTY South of Seattle Pit at same address
ARBOR LAKE HUMUS CO. Lewis M. Johnson 12282 2nd Ave. S. Seattle 88, Wash. Current production	Peat	KING COUNTY South of Seattle Pit at same address
ARROWSMITH COAL CO. Cecil Arrowsmith R. F. D. Box 404 Centralia, Wash. 1961 production 145 tons. Limited production	Coal	LEWIS COUNTY E. of Centralia NE¼ sec. 1, (14-2W)

NAME OF OPERATIONS	PRODUCT	PROPERTY LOCATION
ASHBURY FUEL Chester L. Ashbury 2424 Hilltop Drive Bremerton, Wash. Limited production	Peat	KITSAP COUNTY SW. of Silverdale Sec. 25, (25-1W)
B & R COAL CO. Ida Baima and Mike Rubattino P. O. Box 389 Renton, Wash. 1961 production 4,250 tons. Current production at Bagley No. 1 mine	Coal	KING COUNTY Newcastle area Secs. 26, 27, (24-5E)
BARTHOLET, ROBERT 1306 Langridge Ave. Olympia, Wash. Current development	Ashlar, rubble (argillite)	MASON COUNTY 2 mi. NW. of Lake Cushman
BASSETT'S GRO-EARTH Leno Bassett, owner 17050 Brookside Blvd. Seattle 55, Wash. Current production	Peat	SNOHOMISH COUNTY Kenmore area SW$\frac{1}{4}$ sec. 35, (27-4E)
BLACK PRINCE COAL CO. Mrs. Angeline Parkin Route 2, Box 324 Centralia, Wash. 1961 production 2,795 tons. Current production	Coal	LEWIS COUNTY Centralia area S$\frac{1}{2}$ sec. 28, (15-1W)
BLACK RIVER QUARRY, INC. J. R. Hawk, Pres.-Mgr. 6808 S. 140th St. Seattle 88, Wash. Crushing capacity: 3,000 T./shift. Current production	Crushed rock, landscape rock, riprap (basalt)	KING COUNTY 6808 S. 140th St. Seattle Sec. 14, (23-4E)
BOBCAT MINE Henry Monk and Frank Favor, owners Newport, Wash. Ford Bailor, operator Newport, Wash. Current production from Bobcat mine	Barite	PEND OREILLE COUNTY 4 mi. NE. of Usk NW$\frac{1}{4}$NE$\frac{1}{4}$ sec. 14, (33-44E)
BONNEVILLE HOT SPRINGS M. W. Evans and Ed C. Hewitson, owners Box 116 North Bonneville, Wash. Current production	Mineral water	SKAMANIA COUNTY Near North Bonneville SW$\frac{1}{4}$ sec. 15, (2-7E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
BOW LAKE HUMUS CO. T. and F. Boysen, owners 18118 Pacific Highway S. Seattle 88, Wash. Current production	Peat	KING COUNTY Bow Lake area NE¼ sec. 33, (23-4E)
BRADLEY'S TOP SOIL Ward Bradley Route 2, Box 958-B Puyallup, Wash. Current production	Peat	PIERCE COUNTY Puyallup area Center sec. 3, (19-4E)
BRIGHTON, LARRY and REID, A. E. Route 2 Cle Elum, Wash. Limited production	Ashlar, rubble, landscape rock (sandstone)	KITTITAS COUNTY Liberty area NW¼ sec. 1, (20-17E)
BUILDERS BRICK CO. R. C. Houlahan, Pres. 3800 Ninth Ave. S. Seattle 8, Wash. Current production at:	Clay products	Plants in Seattle and Newcastle in King County and Clay City in Pierce County
Newcastle pit	Clay	KING COUNTY Cougar Mountain area NW¼ sec. 31, (24-6E)
Intermittent production at: Elk pit	Clay	Ravensdale area SE¼ sec. 34, (22-7E)
Clay City pit	Clay	PIERCE COUNTY Clay City area S½ sec. 25, (17-4E)
CARL CARBON, INC. Box 5153, North Central Station Spokane 17, Wash. Current production Plant capacity: 50,000 T./yr.	Crushed rock, landscape rock (basalt)	SPOKANE COUNTY Geiger Field area Sec. 31, (25-42E)
Plant capacity: 50,000 T./yr.	Crushed rock (basalt)	WHITMAN COUNTY Pullman area NW¼ sec. 9, (14-45E)
CARLSON PEAT & WOOD Eric E. Carlson 21862 Fall City Highway Redmond, Wash. Current production	Peat	KING COUNTY Bog at same address NE¼ sec. 16, (25-6E)
CARNATION PEAT HUMUS CO. E. W. Lynch and Archie Hurd, owners 3719 136th Ave. S.E. Bellevue, Wash. Current production	Peat	KING COUNTY Carnation area NE¼SE¼ sec. 33, (25-7E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
CASCADE CALCIUM, INC. Dr. Glen E. Deer, Pres. 1717 Market St. Seattle, Wash. Current development	Limestone	CHELAN COUNTY Leavenworth area Secs. 21, 22, 27, (26-18E)
CASCADE SLATE Cullen Campbell Route 6 Olympia, Wash. Limited production from R. S. A. claim	Ashlar, flagging (andesite)	SKAMANIA COUNTY Niggerhead Creek, S. of Randle Sec. 35, (10-7E)
CAVANAUGH MOLDING SAND CO. Milton B. Cavanaugh 9827 S.E. 94th St. Kennydale, Wash. Current production	Molding sand, daubing clay	KING COUNTY Cedar Mountain area NE¼ sec. 30, (23-6E)
CHEHALIS BRICK & TILE CO. F. G. Burrows, Mgr. Box 868 Chehalis, Wash. Current production	Clay products	LEWIS COUNTY At Chehalis W½ sec. 29, (14-2W)
CLARK COUNTY PEAT CO. Mrs. Ralph Marquette Don Clark 6314 N.E. 159th St. Vancouver, Wash. Current production	Peat	CLARK COUNTY Manor area Sec. 18, (3-2E)
COAL INC. James A. Andersen, Pres. 903 Arctic Building Seattle, Wash. Current production from Black Knight mine	Coal	KING COUNTY Ravensdale area N½ sec. 1, (21-6E) S½ sec. 36, (22-6E)
COLUMBIA QUARTZITE QUARRY W. L. Harter, owner N. 2706 Morton St. Spokane 21, Wash. Limited production	Ashlar, flagging, rubble (quartzite)	FERRY COUNTY W. of Kettle Falls SW¼ sec. 2, (36-37E)
COLUMBIA ROCK CO. John Adams Evans, Wash. Current production	Limestone	STEVENS COUNTY China Bend area SE¼ sec. 11, (38-38E)
DARRINGTON MINING & MILLING CO. J. Ellis George, Pres. P. O. Box 546 Issaquah, Wash. Current development at Dan Creek deposit	Travertine	SNOHOMISH COUNTY Darrington area Center sec. 2, (31-10E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
DAYBREAK QUARRY Roy E., Lloyd, and Richard Goble Randle, Wash. Current development on Daybreak claims	Ashlar, rubble, landscape rock	LEWIS COUNTY Davis Creek area Secs. 29, 32, (13-8E)
DRAGHI COAL CO. Louis Draghi Box 366 Black Diamond, Wash. 1961 production 575 tons. Limited production at No. 3 mine	Coal	KING COUNTY Black Diamond district SE¼ sec. 14, (21-6E)
DURA-BLOX, INC. Russell Nelson, Mgr. 740 3rd Ave. Longview, Wash. Current production	Crushed rock (basalt), concrete products	COWLITZ COUNTY Castle Rock area Near center sec. 15, (9-2W)
ELMORE, DAVE Star Route, Box 25 Eatonville, Wash. Limited production	Landscape rock, rubble	PIERCE COUNTY 5 mi. N. of Eatonville N½SW¼ sec. 30, (17-5E)
EMERSON, ROY H. 302 Studebaker Ave. Castle Rock, Wash. Limited production	Quarry run rock	COWLITZ COUNTY S. of Castle Rock NW¼SW¼ sec. 25, (9-2W)
EMPIRE GRANITE CO. John F. Goldback, Mgr. P. O. Box 273 Dishman, Wash. Current production	Monumental, architectural, and crushed granite	SPOKANE COUNTY Near Dishman Secs. 19, 20, (25-44E)
EVERETT LIME CO. Gordon C. Clauson 1928 Milford Way Seattle 77, Wash. Current production from:	Limestone	SAN JUAN COUNTY
McGraw-Kittinger deposit		Orcas Island NW¼ sec. 2, (36-2W)
Soderberg deposit		N. center sec. 31, (37-2W)
FEDERAL WAY HUMUS AND NURSERY E. G. Schwieger, owner 1306 S. 312th Federal Way, Wash. Current production	Peat	KING COUNTY Federal Way area NE¼ sec. 8, (21-4E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
FLESHMAN, R. L. 2804 Spirit Lake Highway Castle Rock, Wash. Current production	Naturally fired shale	COWLITZ COUNTY Coal Bridge area NE¼NE¼ sec. 18, (10-1E)
FULLERS SOILS R. M. Fuller 19419 Damson Road Alderwood Manor, Wash. Current production	Peat	SNOHOMISH COUNTY SE. of Lynnwood SW¼ sec. 24, (27-4E)
GARLAND MINERAL SPRINGS Rev. Cameron A. Sharpe, Director Index, Wash. Current production	Mineral water	SNOHOMISH COUNTY Index area Sec. 25, (28-11E)
GAS-ICE CORP. 207 Lyon Bldg. Seattle 4, Wash. R. B. Newbern, Pres. 1405 N.W. 20th Ave. Portland 9, Oreg. Current production	Carbon dioxide ("dry ice")	KLICKITAT COUNTY Near Klickitat Secs. 19, 23, 24, (4-14E)
GENERAL CONSTRUCTION CO. R. B. McEachern, Pres. L. S. Gardner, Mgr. 3840 Iowa Ave. P. O. Box 3845 Seattle 24, Wash. Crushing capacity: 1,500 T./shift. Current production at Mats Mats Bay quarry	Crushed rock, riprap	JEFFERSON COUNTY Port Ludlow area Lots 5, 6, 7, 8, Sec. 33, (29-1E)
GEORGE, J. ELLIS P. O. Box 1399, Broadway Sta. Seattle 2, Wash. Current exploration at Strong lease	Travertine	SKAGIT COUNTY Concrete area NE¼NE¼ sec. 9, (35-8E)
GILBERTSON LANDSCAPE CONSTRUCTION John Gilbertson 6302 E. 104th Puyallup, Wash. Current production from Pacific Stone quarry	Landscape rock, rubble (andesite)	PIERCE COUNTY 5 mi. N. of Eatonville SW¼NW¼ sec. 30, (17-5E)
GREAT NORTHERN PACIFIC PEAT CO. Shibo Hayashi Box 294, Snohomish, Wash. Current production	Peat	SNOHOMISH COUNTY Thomas Lake area SE¼ sec. 32, (28-5E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
GRIMES CO. Paul W. Wise, Pres. Jack L. Bailey, Secy.-Treas. Box 267 Boise, Idaho Ed Coder, Plant Mgr. Box 64 Sunnyside, Wash. Current production	Pozzolan (pumicite)	YAKIMA COUNTY Priest Rapids area Sec. 20, (14-23E)
HEMPHILL BROTHERS, INC. Wylie M. Hemphill, Pres. 201 Boren N. Seattle 9, Wash. Current production at Baring quarry	Crushed granite	KING COUNTY Near Baring Sec. 2, (26-10E)
HIDDEN BRICK CO. R. A. Hidden, Mgr. 2610 Kauffman Ave. Vancouver, Wash. Current production	Clay products	CLARK COUNTY Pit at same address
HOUPLIN, J. E. P. O. Box 456 Des Moines, Wash. Current production at Cathedral quarry	Rubble, flagging, (columnar basalt)	GRANT COUNTY Vantage area Sec. 29, (18-23E)
IDEAL CEMENT CO. Denver National Bldg. 821 17th Street Denver 2, Colorado Gordon Tongue, Vice-Pres. Northwestern Division 1320 Washington Bldg. Seattle 1, Wash. Grotto Plant (formerly Northwestern Portland Cement Co.) R. L. Barker, Plant Mgr. Grotto, Wash. Current annual production: 625,000 bbls.	Portland cement	Plants at Grotto in King County and Irvin in Spokane County
Soda Springs quarry	Limestone	CHELAN COUNTY W. of Wenatchee Lake N½ sec. 10, (27-15E)
Grotto pit	Clay	KING COUNTY At Grotto Sec. 17, (26-11E)

(continued on following page)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
IDEAL CEMENT CO. (continued from preceding page)		
Spokane Plant G. M. Bell, Plant Mgr. E. 12207 Empire Ave. (P. O. Box 34) Spokane 10, Wash. Current annual production: 700,000 bbls.	Portland cement	SPOKANE COUNTY
Steen pit	Clay	Near Shelley Lake Sec. 24, (25-44E)
Marble quarry	Limestone	STEVENS COUNTY Near Marble S½ sec. 26, (39-39E)
Current exploration	Limestone	ASOTIN COUNTY Rogersburg area
INTERNATIONAL PIPE AND CERAMICS CORP. R. V. Lawrence, Mgr. 2901 Los Feliz Blvd. Los Angeles 39, Calif. Renton Plant J. C. Perry, Plant Mgr. 1500 Walla Walla Ave. Renton, Wash. Plant capacity: 14,000,000 brick/yr. 12,000 T. hollow ware/hr. Current production	Clay products	Plants at Renton in King County, and Mica in Spokane County
Blum pit	Clay	KING COUNTY Palmer area SW¼NW¼ sec. 31, (21-7E)
Palmer pit	Clay	NW¼ sec. 14, (21-7E)
Harris mine	Clay	Issaquah area NW¼ sec. 33, (24-6E)
"55" sand pit	Sand	Cedar Mountain area W½ sec. 25, (23-5E)
Preston pit	Clay	Preston area SW¼ sec. 9, (23-7E)
Ravensdale ash	Cinders	Ravensdale area NW¼SW¼ sec. 36, (22-6E)
Renton pit	Clay	At Renton SE¼ sec. 17, (23-5E)

(continued on following page)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
INTERNATIONAL PIPE AND CERAMICS CORP. (continued from preceding page)		
Mica Plant M. Kochanek, Plant Mgr. Mica, Wash. Plant capacity: 16,000,000 brick/yr. 12,000 T. hollow ware/yr.		SPOKANE COUNTY
Mica pits	Clay	At Mica Secs. 14 and 23, (24-44E)
Adams pit	Clay	Fairfield area NW¼SE¼ sec. 5, (21-45E)
Sommer pit	Clay	Chester area NE¼ sec. 35, (25-44E)
Clayton pit	Clay	STEVENS COUNTY Clayton area N½ sec. 18, N½ sec. 19, (29-42E)
Lande pit	Clay	SW¼ sec. 34, (30-42E)
ISLAND-FRONTIER LANDSCAPE CONSTRUCTION CO. Dave Taggart Route 3, Box 522 Anacortes, Wash. Current production	Landscape rock, rubble (andesite)	ISLAND COUNTY NE. of Deception Pass E½ sec. 13, (34-1E)
JANNI, JOSEPH A. 826 Red Apple Road Wenatchee, Wash. Current production (See also: Janni, Joseph A. under Metallic Mining Operations.)	Ashlar, flagging (limestone)	STEVENS COUNTY 3 mi. S. of Northport SE¼NE¼ sec. 13, (39-39E)
JANNI, PETER, & SONS (See Peter Janni & Sons.)		
JOE LaROCHE TOPSOIL & PEAT Route 1, Box 236 Snohomish, Wash. Current production	Peat	SNOHOMISH COUNTY 5 mi. S. of Everett NW¼ sec. 33, (28-5E)
KEENE & SON Roy C. Keene Medical Lake, Wash. Limited production at Morris quarry	Monumental and architectural granite	SPOKANE COUNTY Near Medical Lake SE¼ sec. 8, (24-41E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
KENITE CORP. C. A. Frankenhoff, Pres. A. G. Frankenhoff, Vice Pres. Overhill Bldg. Scarsdale, N. Y. Donald Ross, Mgr. P. O. Box 1001 Quincy, Wash. Current production	Diatomite	GRANT COUNTY South of Quincy Sec. 17, (18-23E) Sec. 8, (17-24E)
KIFERS MICA ROCK QUARRY Ralph Kifer Route 1 Kettle Falls, Wash. Current production	Ashlar, flagging, rubble (quartzite)	FERRY COUNTY W. of Kettle Falls SW¼ sec. 2, (36-37E)
KIRSCH, J. JACK Route 2 Cle Elum, Wash. Current production	Ashlar, flagging, rubble (sandstone)	KITTITAS COUNTY Liberty district Sec. 24, (21-17E) Sec. 6, (20-18E)
KYLLONEN, CLIFFORD R. F. D. 10 Olympia, Wash. Limited production	Peat	THURSTON COUNTY 1.5 mi. NE. of Olympia SE¼ sec. 6, (18-1W)
La GRANDE CANYON QUARRY Don Murphy Box 188 Eatonville, Wash. Current production	Landscape rock, rubble (andesite)	PIERCE COUNTY 1.5 mi. SE. of La Grande E½SE¼ sec. 33, (16-4E)
LANE MOUNTAIN SILICA, INC. Richard Osborne, Pres. Stanley P. Jones, Secy. 5801 E. Marginal Way Seattle 4, Wash. 400-ton flotation mill at Valley. Current production	Silica sand	STEVENS COUNTY West of Valley Secs. 15, 22, 26, 34, (31-39E)
LARSON, HERMAN J. Route 2 Pullman, Wash. Limited production	Crushed rock (basalt)	WHITMAN COUNTY Wawawai Road
LAVIGNE, GORDON Chewelah, Wash. Current production	Flagging (limestone)	STEVENS COUNTY W. of Northport on Crown Creek SE¼ sec. 35, (40-38E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
LEE C. SWARTZ CONCRETE PRODUCTS Lee C. Swartz, owner 35 Swartz Road Ephrata, Wash. Limited production (See also: Lee C. Swartz Concrete Products under Sand and Gravel Operations.)	Pumice sand, concrete products	GRANT COUNTY Soap Lake area SE¼ sec. 36, (23-26E)
LEHIGH PORTLAND CEMENT CO. Young Bldg. 718 Hamilton St. Allentown, Pa. Local address: Metaline Falls, Wash. A. W. Schaeffer, Plant Mgr. Annual plant capacity: 1,260,000 bbls. Current production at Metaline Falls quarry	Portland cement, limestone, quartzite, shale	PEND OREILLE COUNTY Near Metaline Falls NE¼ sec. 27, (39-43E)
LEHMAN, BURTON A. 103 7th St. Steilacoom, Wash. Current production	Ashlar, rubble, (andesite)	YAKIMA COUNTY E. of White Pass summit SE¼ sec. 36, (14-11E)
LEWIS, DON Chewelah, Wash. Current production from one of Denney quarries	Flagging (limestone)	STEVENS COUNTY N. side of Columbia River in China Bend area S½ sec. 3, (38-38E)
LONE STAR CEMENT CORP. Superior Division (Formerly Superior Portland Cement Inc.) Ned H. Nelson, V.P.-Gen. Mgr. 3801 E. Marginal Way S. Seattle 4, Wash. Seattle Plant M. Masters, Plant Mgr. Annual plant capacity: 1,300,000 bbls.	Portland cement	Plants on Duwamish River Waterway in Seattle and at Concrete in Skagit County
Seattle pit	Clay	KING COUNTY S. Seattle area SE¼NW¼ sec. 30, (24-4E)
Concrete Plant N. H. Peterson, Plant Mgr. Annual plant capacity: 1,700,000 bbls.		SKAGIT COUNTY
Concrete quarry	Cement rock	NE. of Concrete Sec. 2, (35-8E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
LONG LAKE PEAT CO. A. B. Hunt Route 1, Box 450 Port Orchard, Wash. Limited production	Peat	KITSAP COUNTY Port Orchard area W½NW¼ sec. 20, (23-2E)
LOWELL BRICK & TILE CO. John Gorin, Mgr. Box 3277 Everett, Wash. Intermittent production	Clay products	SNOHOMISH COUNTY Lowell area SW¼ sec. 29, (29-5E)
LYNDEN CLAY PRODUCTS, INC. (formerly Hampton Brick and Tile Co.) Robert C. Jeffcott Everson, Wash. Current production	Clay products	WHATCOM COUNTY Everson area NE¼SE¼ sec. 24, (40-3E)
LYNNWOOD TOPSOIL CO. E. Snow 20327 52nd Ave. W. Lynnwood, Wash. Current production	Peat	SNOHOMISH COUNTY Pit at same address
MADSEN'S QUARRIES W. A. Madsen Route 3, Box 124 Colville, Wash. Current production	Rubble (dolomite)	STEVENS COUNTY 9 mi. W. of Addy Sec. 26, (34-38E)
MAIDA LAKE PEAT CO. Clarence and Burt Braaten, operators Route 5, Box 369A Port Orchard, Wash. Current production	Peat	KITSAP COUNTY Port Orchard area Center sec. 7, (23-2E)
MAIRS, H. D. 14026 S.E. 272nd Kent, Wash. Limited production	Peat	KING COUNTY South end of Lake Meridian SE¼ sec. 27, (22-5E)
MANUFACTURERS MINERAL CO. Frank and J. G. Adderson, owners 1107 W. Idaho St. (P. O. Box 3543) Seattle 24, Wash. Current production at:		STEVENS COUNTY
Chewelah pit	Silica sand, molding sand, filter sand, blast sand	Near Chewelah Sec. 28, (32-40E)
Numerous marble quarries	Terrazzo chips	Chewelah area
Valley quarry	Dolomite	Near Valley Secs. 15, 22, (31-40E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
MAPLE VALLEY HUMUS Clay Hamilton, owner Route 2, Box 1160 Maple Valley, Wash. Current production	Peat	KING COUNTY Maple Valley area Pit at 18805 S.E. 170th Renton
MARL-RICH, INC. James Avila, Pres. Route 3, Box 385 Camano Island, Wash. Current production	Peat	ISLAND COUNTY Camano Island S½ sec. 11, N½ sec. 14, (31-2E)
MARTY, JOHN Rice, Wash. Limited production from Tyllia property	Flagging (limestone)	STEVENS COUNTY E. of Marble E½ sec. 26, (39-39E)
MERIDIAN TOPSOIL Thomas A. McKay Route 2, Box 936 Puyallup, Wash. Intermittent production	Peat	PIERCE COUNTY Puyallup area SW¼ sec. 3, (19-4E)
MERRILL, EVERETT Kettle Falls, Wash. Current production from one of Denney quarries	Flagging (limestone)	STEVENS COUNTY N. side of Columbia River in China Bend area NW¼ sec. 3, (38-38E)
Recent production from E. E. Curtiss property		SE¼ sec. 29, (39-38E)
MILLER LIME CO. Leslie B. Miller P. O. Box 166 Gold Bar, Wash. Current production	Limestone (ground or crushed)	SNOHOMISH COUNTY Gold Bar area SE¼ sec. 16, (27-9E)
	Landscape rock, flux rock (limestone)	Granite Falls area SE¼NE¼ sec. 5, (30-7E)
	Landscape rock, flagging (granite)	Gold Bar area SW¼ sec. 8, (27-10E)
MITCHELL BAY LIME CO. Gordon C. Clauson 1928 Milford Way Seattle 77, Wash. Current production at Maple Falls quarry	Limestone	WHATCOM COUNTY Near Maple Falls SW¼ sec. 7, (40-6E)
MOLENBERG, PETE and JEFF Kettle Falls, Wash. Limited production	Flagging (quartzite)	FERRY COUNTY Sherman Creek area SE¼ sec. 1, (35-36E)
	Rubble (dolomite)	S. of Orient Sec. 35, (39-36E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
MONARCH PEAT MOSS CORP. Hank Peterson, Pres. 5207 Lacey Blvd. Olympia, Wash. Limited production	Peat	THURSTON COUNTY Lacey area SE¼ sec. 18, (18-1W)
MOORHEAD, W. B. Box 575 Chewelah, Wash. Limited production	Flagging (slate)	STEVENS COUNTY SE. of Chewelah E½SW¼ sec. 6, (31-42E)
MOSS LAKE PEAT Marvin Fletcher and Tex Maxwell Duvall, Wash. Current development	Peat	KING COUNTY S. of Duvall Center sec. 36, (26-7E)
MOUNT ADAMS SHEET ROCK QUARRY Joe Marston 9400 N.E. Mason St. Portland 20, Oreg. Limited production	Flagging (andesite)	YAKIMA COUNTY Mount Adams area SW¼ sec. 27, (8-11E)
NICHOLIC, MIKE 8611 S. Hosmer Tacoma 44, Wash. Current production	Peat	PIERCE COUNTY S. 84th and Freeway NW¼SW¼ sec. 32, (20-3E)
NORTH AMERICAN NON-METALLICS, LTD. W. Davey, Pres. 2775 W. Broadway Vancouver 8, B. C. Plant address: P. O. Box 227 Valley, Wash. Currently operating numerous quarries, Springdale to Northport	Terrazzo chips, stucco dash, roofing chips, landscape rock, rubble	STEVENS COUNTY Chewelah district
NORTHERN PACIFIC RAILWAY CO. Earl R. McMillan, Mgr. of Coal Operations Coal Department 916 Smith Tower Seattle 4, Wash. Mine address: Roslyn, Wash. 1961 production 119,250 tons. Current production at Mine No. 9	Coal	KITTITAS COUNTY Secs. 20, 21, 28, (20-15E)
NORTHPORT LIMESTONE CO. W. L. Kelso, Pres. Wylie M. Hemphill, Secy. 201 Boren N. Seattle 9, Wash. Current production from Sherve lease	Limestone (flux)	STEVENS COUNTY Northport area NW¼ sec. 17, (39-40E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
NORTHWEST MAGNESITE CO. Exec. office: Room 307, 307 5th Ave. Pittsburgh 22, Pa. Howard Ziebell, Mgr. Box 137 Chewelah, Wash. Current production from Red Marble quarry, and calcining at plant near Chewelah, Wash.	Magnesite	STEVENS COUNTY Chewelah district SE¼ sec. 24, (31-38E) SW¼ sec. 19, (31-39E)
Intermittent production from Keystone quarry		W½ sec. 9, (31-39E)
NORTHWEST MARBLE PRODUCTS CO. Ernest Smith Chewelah, Wash. Plant in Chewelah. Current production from various quarries	Terrazzo chips, stucco dash, roofing chips, rubble	STEVENS COUNTY Chewelah area
NORTHWEST OLIVINE CO. John W. Reitze, Pres. 912 Seaboard Bldg. 4th and Pike Seattle, Wash. E. J. Watson, Jr., Secy.-Treas. 329 Kincaid Mount Vernon, Wash. Plant capacity: 20-25,000 T./yr. Plant at Hamilton. Current production at Twin Sisters quarry	Olivine (crude and crushed)	SKAGIT COUNTY Twin Sisters Mountains Sec. 3, (36-7E)
NORTHWEST STONE Wayne D. Smith 2414 46th N.E. Sumner, Wash. Current production from one of Denney quarries	Flagging (limestone)	STEVENS COUNTY N. side of Columbia River in China Bend area NW¼ sec. 34, (39-38E)
NORTHWEST TALC & MAGNESIUM CO. Nels F. Jensen, Mgr. P. O. Box 324 Clear Lake, Wash. Custom crushing and grinding plant at Clear Lake; hourly capacity: 3 tons talc, 4-5 tons barite, 3-5 tons olivine. Current production from Janette lease	Roofing chips	SKAGIT COUNTY NE. of Deception Pass E½ sec. 13, (34-1E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
OLYMPIC HOT SPRINGS Harry Schoeffel, Mgr. Port Angeles, Wash. Current production	Mineral water	CLALLAM COUNTY Elwha area NW¼ sec. 28, (29-8W)
THE OLYMPIC PORTLAND CEMENT CO. DIVISION OF PERMANENTE CEMENT CO. E. J. Baldwin, Plant Mgr. P. O. Box 17 Bellingham, Wash. Annual plant capacity: 1,900,000 bbls. Current production at:	Portland cement	WHATCOM COUNTY
Brennan pit	Clay	At Brennan Sec. 33, (39-2E)
Limestone quarry	Limestone	Near Kendall Secs. 8, 14, 15, 16, 17, 21, 22, 23, 27, (40-5E)
OMEGA MINING, INC. Fred Burr, Pres. 411 Maritime Bldg. Seattle 4, Wash. Limited production	Olivine	SKAGIT COUNTY N. of Hamilton Sec. 3, (36-7E)
ORGANICS WESTWARD HO, INC. Kurt Heinold, Pres. Box 247, Tenino, Wash. Daune Olsen, Secy.-Treas. Current development of Chain Hill deposit	Peat	THURSTON COUNTY N. of Tenino Center sec. 18, (16-1W)
PACIFIC SILICA CO. Wylie M. Hemphill, Pres. 201 Boren N. Seattle 9, Wash. W. L. Kelso, Mgr. W. 417 Barnes Road Spokane, Wash. Current production from Denison deposit	Silica	SPOKANE COUNTY N. of Spokane Sec. 14, (27-42E)
PALMER COKING COAL CO., INC. John H. Morris, Gen. Mgr. Box 8 Black Diamond, Wash. 1961 coal production 48,000 tons. Current production at:		KING COUNTY
Franklin No. 2	Coal	E. of Black Diamond SW¼NE¼ sec. 19, (21-7E)

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NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
PALMER COKING COAL CO., INC. (continued from preceding page)		KING COUNTY
Rogers No. 2	Coal	N. of Ravensdale SW¼SE¼ sec. 24, (22-6E)
Rogers No. 3	Coal	NW¼SW¼ sec. 25, (22-6E)
Bagley pit	Sandy shale	Newcastle area Center S½ sec. 26, (24-5E)
PETER JANNI & SONS Peter Janni, owner Box 333 Northport, Wash. Current production	Terrazzo chips, stucco dash, roofing chips, ashlar, landscape rock (limestone)	STEVENS COUNTY Near Northport SE¼ sec. 7, (39-40E)
PETERSON DEVELOPMENT CO., INC. Abrahamson Brick Division G. C. Anderson, Mgr. 5000 W. Marginal Way Seattle 6, Wash. Intermittent production	Clay products	KING COUNTY Pit at same address
PIONEER TOWING CO. George R. Osborn 5001 E. Marginal Way Seattle, Wash. Intermittent production from Pioneer quarry	Stone, riprap, crushed rock (basalt)	KITSAP COUNTY SW. of Bremerton SE¼ sec. 28, (24-1E)
PIRELLO BROS. E. 15110 36th Ave. Veradale, Wash. Limited production at Tiano clay pit	Clay	SPOKANE COUNTY 2 mi. east of Chester SE¼ sec. 35, (25-44E)
PLANT FOOD CO. Geo. Webster, owner 2303 N. 175th St. Seattle 33, Wash. Current production	Peat	KING COUNTY North Seattle Pit at same address
PUGET SOUND BRIDGE & DRYDOCK CO. RIVERTON QUARRY DIVISION A. Dean Field, Mgr., Quarry Division 12020 E. Marginal Way Seattle 88, Wash. Current production at Riverton quarry	Crushed rock, landscape rock (basalt)	KING COUNTY Riverton area Lot 7, Riverside Interurban tract Sec. 9, (23-4E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
QUEEN COAL CO. Robert Peloli Anthony Basselli Wilkeson, Wash. 1961 production 470 tons. Limited production	Coal	PIERCE COUNTY Carbonado area Sec. 4, (18-6E)
RAINIER VIEW HUMUS CO. Barney and Edna Barnett, owners 11410 8th Ave. S. Seattle, Wash. Current production	Peat	KING COUNTY Dolloff Lake area SE¼NW¼ sec. 10, (21-4E)
RENTON POWDER CO. William Marenakos, owner 11671 164th Ave. S.E. Renton, Wash. Current production	Peat	KING COUNTY Renton area Bog at intersection of S.E. 128th St. and 164th Ave. S.E.
RHOD-A-ZALEA GARDENS R. D. Leamer and E. F. Chadwick Route 1, Box 233 Snohomish, Wash. Current production	Peat	SNOHOMISH COUNTY Thomas Lake area 5 mi. S. of Everett NE¼SE¼ sec. 32, (28-5E)
RIDGEFIELD BRICK & TILE CO. Elmer Muffett, owner Route 1, Box 79 Ridgefield, Wash. Current production	Clay products	CLARK COUNTY NE. of Ridgefield SE¼ sec. 17, (4-1E)
RUNYON, H. G. Raymond, Wash. Plant capacity: 400 yd./shift. Current production from Raymond quarry	Riprap, crushed rock, rubble (basalt)	PACIFIC COUNTY Raymond area Center sec. 23, (14-9W)
ST. MARTIN'S MINERAL HOT SPRINGS Carson, Wash. Current production	Mineral water	SKAMANIA COUNTY Near Carson SE¼ sec. 21, (3-8E)
SCALF, WILLIAM J. Box 753 Randle, Wash. Current development of claims on Spud Hill	Rubble, landscape rock	SKAMANIA COUNTY Upper Cispus River Sec. 18, (10-9E)
SCHEEL, H. P. and CLAUSON, GORDON C. 3314 Harbor Ave. S.W. Seattle, Wash. Current development on Secret Harbor Farms lease	Olivine	SKAGIT COUNTY SE. side of Cypress Island SE¼ sec. 33, (36-1E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
SCHEEL STONE CO. H. P. Scheel 3314 Harbor Ave. S.W. Seattle, Wash. Current production from:		
Silver Lace quarry	Ashlar, flagging (schist)	CHELAN COUNTY NW. of Wenatchee Lake W½ sec. 33, (28-16E)
Strip basalt lease	Ashlar, rubble (basalt)	GRANT COUNTY S. of Burke Junction
Limited production from Rainbow claim	Talc	SKAGIT COUNTY 8 mi. NE. of Marblemount E½ sec. 15, (36-11E)
Current development of Dewey Smith lease	Travertine	NW. of Concrete S½ sec. 4, (35-8E)
Recent production from Shuksan claims	Rubble (andesite)	WHATCOM COUNTY E. of Glacier Sec. 6, (39-8E)
SELL, LEONARD Northport, Wash. Current production from Flagstaff Mountain claims	Barite	STEVENS COUNTY SW. of Northport Center NW¼ sec. 9, (39-39E)
SETZER, MAX 18011 Sunset Highway Renton, Wash. Intermittent production	Peat	KING COUNTY Coalfield area NW¼ sec. 7, (23-6E)
SHARP, J. ARNOLD Route 11, Box 652 Olympia, Wash. Current production	Peat	THURSTON COUNTY Black Lake area NE¼NE¼ sec. 29, (18-2W)
SKAGIT PEAT CO. Douglas Walker Burlington, Wash. Current production	Peat	SKAGIT COUNTY 5 mi. N. of Burlington NE¼SW¼ sec. 6, (35-4E)
SKAGIT TALC PRODUCTS William Soren, Mgr. Route 1 Sedro Woolley, Wash. Joe Jacobin, operator. Current production at Wilson quarry	Talc	SKAGIT COUNTY Near Marblemount NE¼ sec. 21, (36-11E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
SMITH BROS. SILICA SAND CO., INC. C. S. Smith, Pres. Route 1, Box 1027 Auburn, Wash. Plant capacity: 125 T./shift. Current production	Silica sand	KING COUNTY Plant near Green River E. of Auburn Cumberland area SE¼NW¼ sec. 30, (21-7E)
SMITH, HERMAN Box 99 Marblemount, Wash. Current production	Talc	SKAGIT COUNTY Marblemount area SE¼ sec. 16, (35-11E)
SMITHROCK QUARRY, INC. Howard F. Smith, Pres.-Gen. Mgr. 3801 Fourth Plain Ave. Vancouver, Wash. Intermittent production	Crushed rock, riprap, jetty rock (basalt)	CLARK COUNTY E. of Fisher Sec. 7, (1-3E)
SNOQUALMIE STONE, INC. F. G. Upjohn, Pres. Richard E. Martin, Vice Pres. 3215 E. 123rd Seattle, Wash. Intermittent production	Sandstone	KING COUNTY Preston area NW¼SW¼ sec. 21, (24-7E)
SOAP LAKE Several resorts, sanitariums, and hotels operating	Mineral water containing sodium salts, principally carbonates	GRANT COUNTY Secs. 12, 13, 24, (22-26E) Secs. 18, 19, (22-27E)
SQUAK MOUNTAIN QUARRY, INC. H. W. Kent, Pres. 1420 134th Ave. N.E. Bellevue, Wash. Current production	Landscape rock, crushed rock (basalt)	KING COUNTY 3 mi. SE. of Issaquah SE¼ sec. 6, (23-6E)
STOEN CONSTRUCTION CO. Glen J. and Milo A. Stoen, owners 2210 N.E. 95th St. Seattle 5, Wash. Current production at Monroe quarry	Riprap, crushed rock, landscape rock	SNOHOMISH COUNTY Monroe area E½NW¼ sec. 10, (27-6E)
Limited production at Port Angeles quarry	Riprap	CLALLAM COUNTY Port Angeles area SW¼ sec. 25, (30-7W)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
STOKER COAL CO. Ben, Fred L., and T. E. Martin, Jr., owners and operators Box 82 Centralia, Wash. 1961 production 8,900 tons. Current production at Martin No. 35	Coal	THURSTON COUNTY Tono area
SUNSET QUARRIES, INC. R. J. Boe, Pres. 9718 42nd S. Seattle, Wash. Current development	Rubble, landscape rock (basalt)	KING COUNTY Issaquah area W½NW¼ sec. 5, (23-6E)
SWARTZ, LEE C., CONCRETE PRODUCTS (See Lee C. Swartz Concrete Products.)		
TIETONITE MINES, INC. Howard West 1452 N.W. 70th Seattle, Wash. Limited production	Bentonite	YAKIMA COUNTY Tieton area E½ sec. 7, (13-14E)
TOPPS-SOIL PRODUCTS CO. Frank L. Anderson 3055 S. 304th Auburn, Wash. Current production	Peat	KING COUNTY Dolloff Lake area Bog at same address
TRI LAKES HUMUS D. R. Iorns, owner 27060 Fall City Road Redmond, Wash. Current operation	Peat	KING COUNTY Redmond area E½NW¼ sec. 25, (25-6E)
TRITON MINING CO. Darrell A. Newland, Pres. 206 Collins Bldg. Colville, Wash. Recent production from former Uribe property (See also: Triton Mining Co. under Metallic Mining Operations.)	Barite	STEVENS COUNTY Bruce Creek 13 mi. N. of Colville SW¼ sec. 32, (38-39E)
VALLEY PEAT CO. John and Joe Asahara Route 1 Sumner, Wash. Current production	Peat	PIERCE COUNTY Pacific area NW¼SE¼ sec. 2, (20-4E)
VERBECK, DEWEY Route 1 Snohomish, Wash. Limited production	Peat	SNOHOMISH COUNTY Thomas Lake area SW¼SW¼ sec. 33, (28-5E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
WASHINGTON NATURAL PRODUCTS CO. E. A. Note, Pres. 11330 Sand Point Way Seattle 55, Wash. Processing plant at Riverside. Intermittent production at Booher pit	Marl	OKANOGAN COUNTY Riverside area Sec. 3, (35-26E)
WASSON, HAROLD 11803 Occidental Ave. Seattle 88, Wash. Limited production	Rubble (volcanic breccia)	SKAMANIA COUNTY East Canyon Creek Sec. 2, (9-9E)
WELLS CREEK QUARRY Gordon Pullar 2241 Woburn St. Bellingham, Wash. Intermittent production	Rubble (green andesite)	WHATCOM COUNTY Mount Baker district Center NW¼ sec. 5, (39-8E)
WESTERN LIME CO. John Koetje 621 W. Division Mount Vernon, Wash. 80-ton plant at intersection of Highway 99 and Bryant-Stanwood Rd. Recent production from former Morcrop quarry Reopening quarry E. of Bryant	Limestone (ag. lime)	SNOHOMISH COUNTY Arlington area NW¼SE¼ sec. 2, (31-6E) NW¼ sec. 7, (32-6E)
WESTONE CONSTRUCTION PRODUCTS, LTD. David M. Pipe, Pres. P. O. Box 267 Penticton, B. C. Current production	Pumice	CHELAN COUNTY First Creek area SW¼SE¼ sec. 36, (28-20E)
WILDE CO. Geo. H. Wilde, Jr. 6113 N.E. 63rd St. Vancouver, Wash. Current production	Molding sand, roofing sand	CLARK COUNTY NE. of Vancouver SE¼ sec. 7, (2-2E)
C. V. WILDER CO. 1840 State St. Bellingham, Wash. Current production at Axton pit (See also: C. V. Wilder Co. under Sand and Gravel Operations.)	Riprap	SKAGIT COUNTY Blanchard area NW¼ sec. 22, (36-3E)
WILKESON CUT STONE CO., INC. Albert S. Kerry, Pres. 1117 2nd Ave. Bldg. Seattle, Wash. B. P. Wellock, Gen. Mgr. P. O. Box 68 Wilkeson, Wash. Current production at Wilkeson quarry	Building stone, split face ashlar (sandstone)	PIERCE COUNTY At Wilkeson Sec. 27, (19-6E)

SAND AND GRAVEL OPERATIONS

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ACE CONCRETE CO. James H. Hunter, Pres. 302 N. Park Rd. (P. O. Box 27) Spokane 10, Wash. Plant capacity: 200 yd./hr. Current production at Park Road pit	Sand, gravel, crushed gravel, concrete products, ready-mixed concrete	SPOKANE COUNTY Pit at same address
ACE PAVING CO. Vernon Clauson and S. O. Christopherson 1309 Bertha Bremerton, Wash. Plant capacity: 400 yd./shift. Current production	Sand, gravel, crushed rock	KITSAP COUNTY Bremerton area SE¼ sec. 16, (24-1E)
AL MUHLHAUSER EXCAVATING & TRUCKING Albert W. Muhlhauser 438 Chenault Avenue Hoquiam, Wash. Limited production	Pit sand, gravel	GRAYS HARBOR COUNTY Montesano area SE¼ sec. 2, (17-8W)
AL RATHBUN GRAVEL & EXCAVATING Albert E. Rathbun Box 657, Idaho Hill Newport, Wash. Current production	Sand, gravel	PEND OREILLE COUNTY Newport area Sec. 3, (31-45E)
ALBERG & ASSOCIATES, INC. Thomas A. Alberg, Mgr. 1919 Fifth Ave. Seattle, Wash. Intermittent production	Sand, gravel, crushed rock	KING COUNTY North Bend area S½NE¼ sec. 5, (23-8E)
AMERICAN CONCRETE INC. Doug Clerget P. O. Box 66 Federal Way, Wash. Plant capacity: 1,000 yd./shift. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	KING COUNTY Auburn vicinity Sec. 30, (21-5E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ARLINGTON SAND & GRAVEL CO. V. M. Lee, Pres. James Lee, Secy.-Treas. Olympic Ave. Arlington, Wash. Current production	Sand, gravel, crushed rock, concrete products, ready-mixed concrete	SNOHOMISH COUNTY Near Arlington N½ sec. 3, (31-5E)
ASSOCIATED SAND & GRAVEL CO., INC. Geo. P. Duecy, Pres. Howard F. Sievers, Exec. Vice-Pres. 6300 Glenwood Everett, Wash. Plant capacity: 200 T./hr. Current production at:	Sand, gravel, crushed gravel, concrete products, ready-mixed concrete, asphalt paving	
Butler pit		SKAGIT COUNTY Burlington area Secs. 8, 9, (35-4E)
Pope & Talbot pit		SNOHOMISH COUNTY Everett area E½ sec. 1, (28-4E)
B-D SAND & GRAVEL CO. Earl E. Woodruff, owner 3601 N.W. Lower River Road Vancouver, Wash. Current production	Sand	CLARK COUNTY On W. River road SE¼ sec. 20, (2-1E)
BAR SAND AND GRAVEL Frank Janicki P. O. Box 25 Sedro Woolley, Wash. Limited production	Pit sand, gravel	SKAGIT COUNTY Sedro Woolley area Sec. 25, (35-4E)
BASIN ROCK CO. A. B. Julian, Pres. Box 1574 Moses Lake, Wash. Plant capacity: 200 T./hr. Current production	Crushed rock	GRANT COUNTY Larson Field area SW¼NW¼ sec. 10, (19-28E)
BAYVIEW LUMBER CO. Robert E. Bush, Pres. Victor G. Druzianich, Secy.-Treas. Elma, Wash. Current production	Sand, gravel	GRAYS HARBOR COUNTY Elma area SW¼NW¼ sec. 4, (17-6W)
BEAVERS, C. H. Box 926 Monroe, Wash. Plant capacity: 150 yd./hr. Current production at Monroe pit	Sand, gravel, crushed gravel	SNOHOMISH COUNTY Sec. 36, (28-6E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
BLACK RIVER QUARRY, INC. J. R. Hawk, Pres.-Mgr. 6808 S. 140th St. Seattle 88, Wash. Plant capacity: 3,000 T./shift. Current production (See also: Black River Quarry, Inc. under Nonmetallic Mining Operations.)	Crushed rock	KING COUNTY 6808 S. 140th St. Seattle Sec. 14, (23-4E)
BLACKIE'S GRAVEL E. L. Blankenship R. F. D. 1, Box 89 Rochester, Wash. Limited production	Pit sand, gravel	THURSTON COUNTY N. of Grand Mound on Sargent Road NW¼NE¼ sec. 11, (15-3W)
BLAKE SAND AND GRAVEL Charles E. Blake Route 2 Sequim, Wash. Plant capacity: 6,000 yd./yr. Current production	Sand, gravel, ready-mixed concrete	CLALLAM COUNTY Sequim area Sec. 3, (30-4W) Sec. 34, (31-4W)
BOEHMER SAND & GRAVEL T. M. Boehmer P. O. Box 223 Darrington, Wash. Plant capacity: 30 yd./hr. Current production	Sand, gravel, crushed gravel	SNOHOMISH COUNTY Darrington area SE¼NW¼ sec. 23, (32-9E)
BOISE CASCADE CORP. KLINKER DIVISION Charles R. Hartman, Gen. Mgr. 6560 W. Marginal Way Seattle 6, Wash. Plant capacity: 400,000 yd./yr. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	KING COUNTY Maury Island SW¼NE¼ sec. 22, (22-3E)
GRAYSTONE OF SHELTON DIVISION W. B. Judah, Jr., Mgr. S. Seventh and Park Sts. Shelton, Wash. Current production at:	Sand, gravel, crushed gravel	MASON COUNTY
Shelton pit	Sand, gravel	Shelton area Secs. 13, 24, (20-4W)
Wynoochee pit	Sand, gravel, crushed gravel	GRAYS HARBOR COUNTY Montesano area W½ sec. 2, (17-8W)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
BUILDER'S SAND AND GRAVEL CO. Wathne brothers 18407 Beverly Park Rd. Edmonds, Wash. Current production	Sand, gravel	SNOHOMISH COUNTY NE. of Edmonds SW¼ sec. 7, (27-4E)
CADMAN GRAVEL CO. T. W. Magnussen, Pres. Helen Q. Magnussen, Secy. Redmond, Wash. Plant capacity: 150 yd./hr. Current production	Sand, gravel, crushed rock, ready-mixed concrete	KING COUNTY Redmond area SW¼ sec. 6, (25-6E)
CAMPBELL, GEO. L. Box 6 Forks, Wash. Current production	Sand, gravel, crushed gravel	CLALLAM COUNTY Forks area Sec. 9, (28-13W)
CAMPBELL, RUSSELL L. Box 522 Entiat, Wash. Plant capacity: 200 yd./shift. Current production	Sand, gravel	CHELAN COUNTY Entiat area Sec. 8, (25-21E)
CARL CARBON, INC. P. O. Box 5025, Station C N. 3430 Cook St. Spokane 21, Wash. Current production (See also: Carl Carbon, Inc. under Nonmetallic Mining Operations.)		SPOKANE COUNTY
Plant capacity: 50,000 T./yr.	Crushed rock (basalt)	Geiger Field area Sec. 31, (25-42E)
Plant capacity: 50,000 T./yr.	Crushed rock (basalt)	WHITMAN COUNTY Pullman area NW¼ sec. 9, (14-45E)
CASCADE ASPHALT PAVING CO. Everett Jensen, Pres. Dan Benche, Supt. 6238 S. Tacoma Way Tacoma 9, Wash. Crushing capacity: 200 yd./hr. Current production	Sand, gravel, crushed gravel	PIERCE COUNTY N. of McChord Field SE¼ sec. 6, (19-3E)
CASCADE HAULING CO. Walter and Pete Norquist 918 "K" St. Centralia, Wash. Plant capacity: 20 yd./hr. Intermittent production	Pit gravel, crushed gravel, ballast	LEWIS COUNTY 2 mi. N. of Centralia Sec. 28, (15-2W)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
CASH & CARRY READY-MIX Marlin Noble P. O. Box 406 Burlington, Wash. Current production from former Butler pit	Sand, gravel, ready-mixed concrete	SKAGIT COUNTY NE. of Burlington on Kelleher Road NW¼NW¼ sec. 16, (35-4E)
CASTLE ROCK SAND & GRAVEL CO. Orval Howard 7272 Old Pacific Highway N. Castle Rock, Wash. Limited production	Pit sand, gravel	COWLITZ COUNTY Castle Rock area NW¼SW¼ sec. 2, (10-2W)
CHEHALIS SAND & GRAVEL, INC. Herman Hatfield, Pres. Route 3, Box 168 Chehalis, Wash. Plant capacity: 500 yds./day. Current production	Sand, gravel, crushed gravel	LEWIS COUNTY S. of Chehalis Sec. 16, (13-2W)
CHELAN CONCRETE CO. Ole Sandum Box 1256 Chelan, Wash. Plant capacity: 6,000 yd./yr. Current production	Sand, gravel, crushed gravel, ready-mixed concrete, concrete products	CHELAN COUNTY Chelan area SW¼ sec. 12, (27-22E)
CHURCHILL SAND & GRAVEL James H. Churchill North Bend, Wash. Current production	Pit sand, gravel	KING COUNTY North Bend area NE¼NE¼ sec. 16, (23-8E)
COLUMBIA CONCRETE PIPE CO. A. B. Metcalf, Pres. Foot of 9th St. Box 427 Wenatchee, Wash. Plant capacity: 100 yd./hr. Current production at:	Sand, gravel, crushed gravel	CHELAN COUNTY
Columbia pit		NW¼ sec. 22, (23-20E)
Okanogan pit		OKANOGAN COUNTY SE¼ sec. 4, (34-26E)
COLUMBIA SAND & GRAVEL, INC. Frayne L. McAtee, Pres. Laurence A. McAtee, Secy.-Treas. Bob Johnson, Mgr. Box 1566 Moses Lake, Wash. Plant capacity: 100,000 yd./yr. Current production	Sand, gravel, crushed rock	GRANT COUNTY Moses Lake area NW¼SE¼ sec. 5, (19-28E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
COLVILLE VALLEY CONCRETE CORP. James R. Dietz, owner 683 N. Walnut (P. O. Box 343) Colville, Wash. Plant capacity: 30 yd./hr. Current production at:	Sand, gravel	STEVENS COUNTY
Chewelah pit		Chewelah area Sec. 7, (32-41E)
Colville pit		SW¼NW¼ sec. 10, (35-39E)
CORLISS, TIM & SON (See Tim Corliss & Son.)		
*COUNTY PITS AND QUARRIES Current production	Sand, gravel, crushed rock	Various locations throughout the state
COWDEN GRAVEL Leonard Cowden, owner 2536 Goshen Road Bellingham, Wash. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	WHATCOM COUNTY Cedarville area Sec. 28, (39-4E)
CRESCENT GRAVEL & SUPPLY Charles Larson Route 3, Box 138 Snohomish, Wash. Crusher capacity: 25 yd./hr. Current production from former Clearview pit	Sand, gravel, crushed gravel	SNOHOMISH COUNTY 7 mi. S. of Snohomish NE¼SW¼ sec. 18, (27-6E)
CRYSTAL POOL SAND & GRAVEL Ernest and David E. Sweet, owners 3802 Allen St. Road Kelso, Wash. Plant capacity: 300 yd./day. Current production	Sand, gravel, crushed gravel	COWLITZ COUNTY E. of Kelso NE¼SE¼ sec. 31, (8-1W)
CUNNINGHAM SAND AND GRAVEL CO., INC. Olive, John, and Gary Cunningham, owners N. 6315 Cedar St. Spokane 53, Wash. 1961 production 41,000 yd.		SPOKANE COUNTY

(continued on following page)

* Each of the 39 counties has sand, gravel, and/or crushed rock pits and quarries operated by the County under the supervision of the County Engineer.

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
CUNNINGHAM SAND AND GRAVEL CO., INC. (continued from preceding page)		SPOKANE COUNTY
Current production at:		
Cedar Street pit	Sand	N. 6315 Cedar St. Spokane
Crestline pit	Sand	N. 8500 Crestline St. Spokane
DAVIS SAND & GRAVEL R. W. and Dana Davis R. F. D. 2 Sequim, Wash. Current production	Pit gravel	CLALLAM COUNTY Sequim area Sec. 7, (30-3W)
DOTSON'S SAND & GRAVEL H. L. Dotson Grayland, Wash. Current production	Sand, gravel, ready-mixed concrete	GRAYS HARBOR COUNTY E. of Markham
DOUG PULLAR SAND & GRAVEL Doug Pullar, owner 1837 Axton Road Bellingham, Wash. Current production at Axton pit	Sand, gravel, crushed gravel	WHATCOM COUNTY Laurel area SW¼ sec. 20, (39-3E)
DURA-BLOX, INC. Russell Nelson, Mgr. 740 Third Ave. Longview, Wash. Crusher capacity: 45 yd./day (est.). Current production	Crushed rock, (basalt) concrete products	COWLITZ COUNTY Castle Rock area Near center sec. 15, (9-2W)
EDINGER GRAVEL CO., INC. S. H. Edinger, owner P. O. Box 283 Kenmore, Wash. Current production	Sand, gravel, crushed gravel, asphalt paving	SNOHOMISH COUNTY Kenmore area SE¼NE¼ sec. 35, (27-4E)
ELLENSBURG CEMENT PRODUCTS INC. Ivan Hutchinson, Pres. C. J. Gavalir, Secy. P. O. Box 27 W. 7th Ellensburg, Wash. Current production	Sand, gravel, crushed gravel	KITTITAS COUNTY Ellensburg area NE¼SE¼ sec. 29, (18-18E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ELMER E. OLSON, INC. Elmer E. Olson, Pres. 326 First Avenue S.W. (Box 905) Ephrata, Wash. Current production at:		GRANT COUNTY
Gravel pit	Gravel	Ephrata area NE¼SE¼ sec. 22, (21-26E)
Sand pit	Sand	Soap Lake area SW¼SW¼ sec. 24, (22-26E)
FAIRES EQUIPMENT CO. H. B. Faires, owner Box 662 Walla Walla Highway Colfax, Wash. Plant capacity: 40 yd./hr. Current production from former Foley pit	Sand, gravel, crushed gravel	WHITMAN COUNTY Colfax area Center sec. 10, (16-43E)
FREEWAY CONCRETE SUPPLY CO. Donald A. Martin, Mgr. John Meade, Supt. Box 281 Midway, Wash. Plant capacity: 350,000 yd./yr. Current production from:	Sand, gravel, crushed gravel	KING COUNTY
Midway pit		24800 Pacific Hwy. S. NW¼SE¼ sec. 28, (22-4E)
Kent Highlands pit		NW. of Kent W½NE¼ sec. 15, (22-4E)
FRIDAY HARBOR SAND & GRAVEL CO. R. W. Hutton C and Maple Streets Bellingham, Wash. Current production	Sand, gravel	SAN JUAN COUNTY Friday Harbor area E½SE¼SW¼ sec. 13, (35-3W)
GENERAL CONSTRUCTION CO. R. B. McEachern, Pres. L. S. Gardner, Mgr. 3840 Iowa Ave. (P. O. Box 3845) Seattle 24, Wash. Crushing capacity: 1,500 T./shift. Current production at Mats Mats Bay quarry (See also: General Construction Co. under Nonmetallic Mining Operations.)	Crushed rock	JEFFERSON COUNTY Port Ludlow area Lots 5, 6, 7, 8, sec. 33, (29-1E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
GLACIER SAND & GRAVEL CO. W. A. Marsh, Pres. W. P. Jackson, Vice Pres. 5975 E. Marginal Way S. Seattle 4, Wash. Plant capacity: 450 T./hr. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	PIERCE COUNTY Steilacoom area Secs. 20, 29, (20-2E)
GOLEMATIS ENTERPRISES James E. Golematis Box 596 Metaline Falls, Wash. Current production	Sand, gravel, ready-mixed concrete	PEND OREILLE COUNTY Metaline Falls area
GORST READY MIX CONCRETE CO., INC. Frank M. Schantz, Pres. Walter Hallock, Secy.-Treas. Star Route 2, Box 319 Belfair, Wash. Current production	Sand, gravel, ready-mixed concrete	MASON COUNTY Belfair area S½ sec. 30, (23-1W)
GRAHAM & MORRIS CONSTRUCTION CO. E. L. Morris, owner Box 209 Toppenish, Wash. Plant capacity: 300 yd./shift. Current production	Sand, gravel, crushed rock	YAKIMA COUNTY Sec. 32, (11-20E)
HAGARA, MICHAEL 7006 Harrison Road Aberdeen, Wash. Current production from Aberdeen pit	Sand, gravel	GRAYS HARBOR COUNTY Aberdeen area SW¼SE¼ sec. 16, (17-9W)
HANSEN, FORREST R. F. D. 3, Box 212 Port Angeles, Wash. Current production	Pit sand, gravel	CLALLAM COUNTY Morse Creek area NW¼SW¼ sec. 8, (30-5W)
THE HARRISON BROTHERS CO. J. A. Harrison, Pres. P. O. Box 398 Lakeview, Wash. Plant capacity: 100,000 T./yr. Current production at Phillips pit	Crushed rock	PIERCE COUNTY Lakeview area NE¼ sec. 1, (19-2E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
HILLTOP CONCRETE CO. John Sellen, Pres. Jack Peterson, Secy.-Treas. 2223 23rd Avenue S.E. (P. O. Box 648) Puyallup, Wash. Plant capacity: 4,000 yd./mo. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	PIERCE COUNTY Puyallup area Center SW¼ sec. 35, (20-4E)
HOLMES BROS. INC. Frank L. and Richard P. Holmes 1098 W. Marina Drive (Box 1583) Moses Lake, Wash. Plant capacity: 50 yd./hr. Current production at:		GRANT COUNTY
Gravel pit	Sand, gravel, crushed rock	Moses Lake area NW¼ sec. 11, (19-28E)
Sand pit	Sand	Moses Lake area SE¼SE¼ sec. 25, (19-28E)
HOLROYD CO., INC. James A. Holroyd, Pres. Margaret Merle Nielsen, Vice-Pres. Alma Merle Miller, Secy.-Treas. 5047 S. Washington St. Tacoma 9, Wash. Current production at:		PIERCE COUNTY
Tacoma pit	Sand, gravel, crushed gravel, concrete products, ready-mixed concrete	Pit at 74th and Orchard Grove, South Tacoma
Nisqually pit	Sand, gravel, ready-mixed concrete	THURSTON COUNTY Nisqually area SE¼NW¼ sec. 17, (18-1E)
HUNSAKER SAND & GRAVEL George Hunsaker Route 4 (P. O. Box 64) White Salmon, Wash. Plant capacity: 100 yd./shift. Current production	Sand, gravel, crushed gravel	KLICKITAT COUNTY Bingen area Sec. 29, (3-11E)
INLAND ASPHALT CO. Robert M. Carroll, Pres. P. O. Box 4366, Sta. B 10th Ave. and Havana St. Spokane 31, Wash. Plant capacity: 300 T./hr. Current production	Crushed rock, asphalt paving	SPOKANE COUNTY Quarry at same address

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ISSAQUAH SAND & GRAVEL Harold W. Jordan, Pres. P. O. Box 577 Issaquah, Wash. Crusher capacity: 400 yd./day. Washing plant capacity: 560 yd./day. Current production	Sand, gravel, crushed rock, ready-mixed concrete	KING COUNTY Issaquah area SE¼ sec. 21, (24-6E)
JOHN'S CREEK SAND & GRAVEL CO. Norman Anderson, lessee 215 E. Harvard Ave. (Box 313), Shelton, Wash. Current production	Sand, gravel	MASON COUNTY Johns River area Sec. 3, (20-3W)
JONES-SCOTT CO., INC. Jack M. Morrison, Pres. W. G. Strong, Secy.-Treas. 10 Third Avenue N. (P. O. Box 385) Walla Walla, Wash. Plant capacity: 400 yd./shift. Current production at:		WALLA WALLA COUNTY Plant at 13th and Mill
Attalia pit	Sand	Attalia area Sec. 10, (7-31E)
Walla Walla pit	Gravel	13th and Beatty Walla Walla SW¼SE¼ sec. 19, (7-36E)
Gravel pit	Gravel	Bell Street Walla Walla
KAMPE SAND & GRAVEL CO. N. A. Kampe, owner Route 2, Box 220 Ridgefield, Wash. Current production	Sand	CLARK COUNTY On W. River Road NE¼ sec. 19, (2-1E)
KANE BROTHERS' CONCRETE PRODUCTS, INC. A. E. Kane, Pres. P. O. Box 1296 Wenatchee, Wash. Plant capacity: 200 yd./shift. Current production	Sand, gravel	CHELAN COUNTY Cashmere area SE¼NE¼ sec. 6, (23-19E)
KELLER SAND & GRAVEL C. E. Keller, owner Route 2, Grandview, Wash. Plant capacity: 100 T./hr. Current production	Sand, gravel, crushed rock	YAKIMA COUNTY NE¼ sec. 35, (9-23E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
KEN L. ULERY CONSTRUCTION CO., INC. Ken Ulery, Mgr. 1014 Lake Terrace Drive Tumwater, Wash. Current production	Pit sand, gravel, crushed gravel	THURSTON COUNTY NW. of Tumwater NW¼NW¼ sec. 27, (18-2W)
F. B. KERBY & SONS SAND & GRAVEL Route 2, Box 222 Toppenish, Wash. Current production	Sand, gravel, mortar sand	YAKIMA COUNTY NW¼SE¼ sec. 35, (11-20E)
KINGSBURY'S RED-E-MIX Ralph H. Kingsbury, owner Route 2, Box 360-C Port Orchard, Wash. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	KITSAP COUNTY Horseshoe Lake area NE¼NE¼ sec. 9, (22-1E)
KIRKLAND SAND & GRAVEL, INC. Lyle and Gary Stubenrauch, Jan and D. O. Smith, owners Box 714 Kirkland, Wash. Current production	Sand, gravel, concrete products, ready-mixed concrete	KING COUNTY At Kirkland NW¼SW¼ sec. 33, (26-5E)
KLINELINE SAND & GRAVEL CO. A. J. Berry, Pres. L. N. Berry, Mgr. 1112 N.E. Hazel Dell St. Vancouver, Wash. Current production	Sand, gravel, crushed gravel	CLARK COUNTY Salmon Creek area SW¼ sec. 26, (3-1E)
LAKE CITY GRAVEL AND MATERIALS, INC. Frank G. Upjohn, Pres. Richard E. Martin, Secy.-Treas. 3215 E. 123rd Seattle 55, Wash. Current production	Gravel, crushed gravel, asphalt paving	SNOHOMISH COUNTY Kenmore area Sec. 26, (27-4E)
LAKESIDE GRAVEL CO., INC. R. R. Lee, Pres. 13620 Sunset Highway Bellevue, Wash. Current production at Issaquah pit	Sand, gravel, crushed gravel, ready-mixed concrete	KING COUNTY Issaquah area NW¼ sec. 27, (24-5E)
LARSON, HERMAN J. Route 2 Pullman, Wash. Limited production	Crushed rock (basalt)	WHITMAN COUNTY Wawawai Road

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
LEE C. SWARTZ CONCRETE PRODUCTS Lee C. Swartz, owner 35 Swartz Road Ephrata, Wash. Limited production (See also: Lee C. Swartz Concrete Products under *Nonmetallic Mining Operations*.)	Sand, gravel, concrete products	GRANT COUNTY Ephrata area SW¼ sec. 15, (21-26E)
LEVANEN & KARVONEN Lavey Levanen Rudolph Karvonen Route 1, Box 06A Brush Prairie, Wash. Production approx. 5,000 yd./yr. Current production	Pit gravel	CLARK COUNTY Vancouver area NW¼ sec. 11, (2-1E)
LEWIS RIVER SAND & GRAVEL A. E. Maynard and son, owners 3049 Lewis River Road Woodland, Wash. Plant capacity: 350 yd./day. Current production	Sand, gravel, crushed gravel	COWLITZ COUNTY 4 mi. NE. of Woodland N½NW¼ sec. 10, (5-1E)
LIND GRAVEL CO. Mrs. Russell E. Lind, owner Robert G. Dawes, Operations Mgr. 1530 State St. Bellingham 11, Wash. Current production at *Squalicum pit*	Sand, gravel, crushed gravel	WHATCOM COUNTY At Bellingham Foot of West Street Sec. 24, (38-2E)
LONGVIEW CONCRETE PIPE CO. H. L. (Jack) James, Mgr. P. O. Box 628 Longview, Wash. Current production	Pit run sand, concrete products	COWLITZ COUNTY Longview area NE¼SW¼ sec. 34, (8-2W)
LOSEY, REX R. 1718 Mount Brinyon Road Kelso, Wash. Crushing capacity: 15,000 yd./yr. Current production	Sand, gravel, crushed gravel	COWLITZ COUNTY On Mount Brinyon Road SE¼SE¼ sec. 23, (8-2W)
MARINE ASPHALT CO., INC. Harold F. Sherman, Pres. Route 3, Box 120 Anacortes, Wash. Crushing capacity: 100,000 yd./yr. Current production	Sand, gravel, crushed gravel, crushed rock	SKAGIT COUNTY Anacortes area Sec. 24, (35-1E)
	Crushed gravel	ISLAND COUNTY Oak Harbor area

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
MARTIN FUEL CO., INC. Curt Martin P. O. Box 133 Lynnwood, Wash. Plant capacity: 450 T./shift. Current production	Pit sand, gravel, crushed gravel	SNOHOMISH COUNTY Alderwood Manor Corner of Cypress and Larch Streets
MATERNE, JACK O. E. 3003 Joseph Ave. Spokane, Wash. Current production	Sand	SPOKANE COUNTY Mead area NW¼ sec. 22, (26-43E)
	Sand	Mead township
MATERNE SAND CO. Al. and Val. Materne, owners W. 330 Buckeye Ave. Spokane 17, Wash. Current production	Sand	SPOKANE COUNTY Pit at Cedar and Francis Streets Spokane
MATHESON SAND & GRAVEL CO. Harold W. Matheson, owner Box 167 Pasco, Wash. Plant capacity: 30 yd./hr. Current production	Sand, gravel	BENTON COUNTY Near Kennewick Sec. 6, (8-30E)
MILES CO. Walter F. Miles, owner P. O. Box 30 12th and "M" St. S.E. Auburn, Wash. Plant capacity: 900 yd./shift. Current production	Sand, gravel, crushed rock, ready-mixed concrete	KING COUNTY Auburn area SE¼NE¼ sec. 19, (21-5E)
	Sand, gravel, crushed rock	NW¼ sec. 29, (21-5E)
MILLER SAND & GRAVEL Eldon L. Miller, owner Route 2 Mount Vernon, Wash. Current production	Pit gravel	SKAGIT COUNTY Mount Vernon area N½ sec. 34, (34-4E)
MORRISON GRAVEL CO. W. W. and Donald L. Morrison, owners Route 3, Box 202 Port Orchard, Wash. Current production	Sand, gravel	KITSAP COUNTY S. of Port Orchard E½ sec. 23, (23-1E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
MT. VERNON SAND & GRAVEL CO., INC. A. R. Kinney, Mgr. Box 351 802 N. First Street Mount Vernon, Wash. Current production at:	Concrete products, ready-mixed concrete	
Rooks pit	Sand, gravel	ISLAND COUNTY Oak Harbor area SE¼NW¼ sec. 24, (33-1E)
Samish pit	Sand, gravel, crushed gravel	SKAGIT COUNTY Belfast area SE¼SE¼ sec. 6, (35-4E)
Shelton pit	Sand, gravel	MASON COUNTY Shelton area NE¼ sec. 8, (20-4E)
MUHLHAUSER, AL, EXCAVATING & TRUCKING (See Al Muhlhauser Excavating & Trucking.)		
MULKA GRAVEL CO. Victor R. Mulka 1561 Hannegan Road Bellingham, Wash. Current production at Bakerview pit	Sand, gravel	WHATCOM COUNTY Bellingham area SE¼ sec. 8, (38-3E)
MUTUAL MATERIALS CO. R. C. Houlahan, Pres. 1200 Eighth Avenue S. Seattle 4, Wash. Plant capacity: 100 yd./shift. Current production	Sand, concrete products	KING COUNTY South Park area SE¼ sec. 31, (24-4E)
NASELLE ROCK COMPANY Martin S. Wirkkala, owner Naselle, Wash. Plant capacity: 90 T./hr. Current production	Crushed rock	PACIFIC COUNTY Near Naselle Center W½ sec. 3, (10-9W)
NORDLUND, ROBERT 325 Kincaid Mount Vernon, Wash. Current production	Sand, gravel	SKAGIT COUNTY 2 mi. SE. of Mount Vernon NW¼NE¼ sec. 4, (33-3E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
NORTH KITSAP GRAVEL & ASPHALT CO. Oliver Lanning, Pres. Route 2, Box 305 Poulsbo, Wash. Current production	Sand, gravel, crushed rock	KITSAP COUNTY Lofall area Sec. 9, (26-1E) NW¼SE¼ sec. 27, (27-1E)
Intermittent production	Sand, gravel	NW¼NW¼ sec. 26, (27-1E)
O & K TRUCKING CO. Phillip Oliphant and Clifford Kyllonen Route 2, Box 355A Olympia, Wash. Limited production	Gravel	THURSTON COUNTY Olympia area SE¼ sec. 6, (18-1W)
OGDEN, F. E. Capitol Hill Shelton, Wash. Intermittent production	Pit gravel	MASON COUNTY 4 mi. NE. of Shelton SE¼ sec. 4, (20-3W)
OLSON, ELMER E., INC. (See Elmer E. Olson, Inc.)		
OLYMPIA OIL AND WOOD PRODUCTS CO., ASPHALT DIVISION Paul Malleck, Supt. State & Washington Streets Olympia, Wash. Current production	Sand, gravel, crushed gravel, asphalt paving	THURSTON COUNTY SW. of Olympia Sec. 21, (18-2W)
OTTO & ROSS GRAVEL CO., INC. G. E. Ross P. O. Box 156 Marysville, Wash. Plant capacity: 750 yd./shift. Current production at Munson pit	Sand, gravel, crushed gravel, ready-mixed concrete	SNOHOMISH COUNTY Marysville area S½ sec. 11, (30-5E)
PACIFIC BUILDING MATERIALS, DIVISION OF GLACIER SAND & GRAVEL CO. 3510 S.W. Bond Ave. Portland 1, Oreg. Local address: 101 E. First St. Vancouver, Wash. Melvin Erland, Gen. Mgr. Plant capacity: 50 yd./hr. Current production from dredge on Columbia River	Sand, gravel, crushed gravel	CLARK COUNTY Vancouver area

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
PACIFIC SAND & GRAVEL CO. R. P. Coluccio, Pres. Box 628 Centralia, Wash. Current production at Blakeslee Junction pit	Sand, gravel, crushed rock	LEWIS COUNTY S½ sec. 31, (15-2W)
PETROLEUM SERVICE INC. Jack Taylor and Chester Kohnke Ocean City, Wash. Current production from Rayonier pit	Pit gravel	GRAYS HARBOR COUNTY Ocean City area Center S½ sec. 14, (18-12W)
PILCHUCK SAND & GRAVEL Ray E. Dalton, lessee Route 2, Box 40 Snohomish, Wash. Plant capacity: 2,000 yd./mo. Current production	Pit sand, gravel, crushed rock	SNOHOMISH COUNTY 1 mi. NE. of Snohomish Sec. 8, (28-6E)
PIONEER SAND AND GRAVEL CO. Gordon N. Scott, Pres. 901 Fairview Avenue N. (P. O. Box 1020) Seattle 11, Wash. George D. Christensen, Supt. P. O. Box 158 South Tacoma 9, Wash. Plant capacity: 600 yd./hr. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	PIERCE COUNTY Steilacoom area Secs. 20, 29, (20-2E)
POWERS EXCAVATION CO. James Powers, owner 3200 N.E. 62nd Avenue Vancouver, Wash. Limited production	Pit gravel	CLARK COUNTY Orchards area
PRE-MIX CONCRETE, INC. Mel Cyr, Mgr. 804 S. Broadway Box 895 Othello, Wash. Plant capacity: 400 yd./shift. Current production	Sand, gravel, crushed gravel	ADAMS COUNTY Halfmoon Lake area NW¼ sec. 7, (16-29E)
PRE-MIX CONCRETE, INC. Charles W. Noyes, Pres. Box 695 Kennewick, Wash. Current production	Sand, gravel, crushed rock, ready-mixed concrete	FRANKLIN COUNTY Across Columbia River from Richland Sec. 12, (9-28E)

NAMES OF OPERATION	PRODUCT	PROPERTY LOCATION
PUGET SOUND BRIDGE & DRYDOCK CO. RIVERTON QUARRY DIVISION A. Dean Field, Mgr. Quarry Div. 12020 E. Marginal Way Seattle 88, Wash. Current production at Riverton quarry (See also: Puget Sound Bridge & Drydock Co. under Nonmetallic Mining Operations.)	Crushed rock (basalt)	KING COUNTY Riverton area Lot 7, Riverside Interurban tract Sec. 9, (23-4E)
PULLAR, DOUG, SAND & GRAVEL (See Doug Pullar Sand & Gravel.)		
QUIGG BROS-McDONALD, INC. Charles O. Quigg, Mgr. 1500 Riverside Ave. Box 480 Hoquiam 4, Wash. 1961 production approx. 100,000 yd. Current production at Montesano pit	Sand, gravel, crushed gravel	GRAYS HARBOR COUNTY Melbourne area Sec. 18, (17-7W) Sec. 13, (17-8W)
Intermitten production at Newskah quarry	Riprap	Newskah area W½ sec. 2, (16-9W)
RATHBUN, AL, GRAVEL & EXCAVATING (See Al Rathbun Gravel & Excavating.)		
REID SAND AND GRAVEL, INC. Robert G. Reid, Pres. P. O. Box 596 Bellevue, Wash. Current production	Pit sand, gravel, ready-mixed concrete	KING COUNTY Issaquah area SE¼ sec. 21, (24-6E)
RENTON SAND AND GRAVEL, INC. Phil Plano and Douglas M. Buck, owners 2723 Fourth Avenue N. Renton, Wash. Plant capacity: 800 yd./shift. Current production	Sand, gravel	KING COUNTY Renton area NW¼NW¼ sec. 16, (23-5E)
RICH SAND & GRAVEL Arthur P. and Roy L. Rich Box 1156 Wenatchee, Wash. Plant capacity: 75 yd./hr. Current production	Sand, gravel, crushed rock	DOUGLAS COUNTY Rock Island area Sec. 20, (22-21E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
ROBB, ROY Route 5 Arlington, Wash. Current production	Crushed pit gravel	SNOHOMISH COUNTY Arlington area S½ sec. 11, (31-5E)
ROCK & SAND, INC. Nick Romano, Pres. 6518 Ravenna Avenue N.E. Seattle 15, Wash. Current production	Crushed gravel	KING COUNTY SE. of Kent SW¼SE¼ sec. 3, (21-5E)
ROCK PRODUCTS, INC. H. R. Ward, Pres.-Mgr. Box 845 Camas, Wash. Plant at 1635 S.E. Sixth Ave. Camas, Wash. Plant capacity: 400 yd./shift. Current production	Sand, gravel, crushed gravel	CLARK COUNTY Oakpark area (Camas) Sec. 12, (1-3E)
RUNYON, H.G. Raymond, Wash. Plant capacity: 400 yd./shift. Current production from Raymond quarry (See also: Runyon, H. G., under Nonmetallic Mining Operations.)	Crushed rock (basalt)	PACIFIC COUNTY Raymond area Center sec. 23, (14-9W)
SAMPSON SAND & GRAVEL Box 266 Warden, Wash. Current production	Sand, gravel, crushed gravel	GRANT COUNTY O'Sullivan Dam area Sec. 31, (18-29E)
SATRA, OLIVER Box 634 Stanwood, Wash. Limited production from Bill Johnson property	Pit sand, gravel	SNOHOMISH COUNTY 1/3 mi. NE. of Silvana NW¼SW¼ sec. 1, (31-4E)
SCHRIER, R. D. Twisp, Wash. Plant capacity: 4 yd./hr. Current production	Sand, gravel, crushed rock	OKANOGAN COUNTY Twisp area Center SE¼ sec. 17, (33-22E)
SCHULBERG, ALFRED Route 1 Arlington, Wash. Limited production	Pit gravel	SNOHOMISH COUNTY W. of Arlington SE¼ sec. 17, (31-5E)
SCOTTY'S SAND AND GRAVEL Warren S. Pryor Star Route Coulee Dam, Wash. Limited production	Pit gravel	OKANOGAN COUNTY Elmer City area Secs. 11, 15, (28-30E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
SKAGIT SAND & GRAVEL Mailand Frank Route 3, Box 96 Mount Vernon, Wash. Current production at Riverside pit	Sand	SKAGIT COUNTY Near Mount Vernon SW¼SW¼ sec. 7, (34-4E)
SMITH BROS. Leslie and Calvin Smith P. O. Box 92 Battle Ground, Wash. Crushing capacity: 60 yd./hr. Current production	Sand, gravel, crushed gravel	CLARK COUNTY Battle Ground area SW¼ sec. 10, (2-2E)
SNELL, AL R. 1107 North "E" St. Aberdeen, Wash. Current production at:		GRAYS HARBOR COUNTY
Junction City pit	Sand, gravel	Junction City area S½ sec. 11, (17-9W)
Gravel pit	Pit gravel	Montesano area Sec. 2, (17-8W)
SNOHOMISH SAND & GRAVEL, INC. Arthur F., Jack E., and Donald A. Stobb P. O. Box 227 4th and Cypress Sts. Snohomish, Wash. Current production	Sand, gravel, ready-mixed concrete	SNOHOMISH COUNTY Pit at same address
SPOKANE SAND AND GRAVEL CO. Donald Herag, Mgr. E. 5204 Broadway Ave. Spokane 2, Wash. Current production	Sand, gravel	SPOKANE COUNTY Plant at same address
SQUAK MOUNTAIN QUARRY, INC. H. W. Kent, Pres. 1420 134th Avenue N.E. Bellevue, Wash. Current production (See also: Squak Mountain Quarry, Inc., under Nonmetallic Mining Operations.)	Crushed rock (basalt)	KING COUNTY 3 mi. SE. of Issaquah SE¼ sec. 6, (23-6E)
STERGION CONCRETE PRODUCTS Chris Stergion, owner 901 Stevenson Enumclaw, Wash. Current production	Sand, gravel, concrete products	KING COUNTY Enumclaw area East end of S.E. 440th St.

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
STOEN CONSTRUCTION CO. Glen J. and Milo A. Stoen, owners 2210 NE. 95th St. Seattle 5, Wash. Current production at Monroe quarry (See also: Stoen Construction Co. under Nonmetallic Mining Operations.)	Crushed rock	SNOHOMISH COUNTY Monroe area E½NW¼ sec. 10, (27-6E)
STONEWAY SAND & GRAVEL CO. L. J. Dowell, owner Box 509 Renton, Wash. Plant capacity: 200 yd./hr. Current production	Sand, gravel, crushed rock, ready-mixed concrete	KING COUNTY Renton pit E½ sec. 17, (23-5E)
SULLIVAN PAVING, INC. R. A. Krogseth, Mgr. E. 6614 Main Ave. Spokane, Wash. Limited production	Gravel, asphalt paving	SPOKANE COUNTY 1 mi. W. of Dishman S½ sec. 13, (25-43E)
SUMAS FUEL & TRANSFER CO. Stephen R. Koehler P. O. Box 178 Sumas, Wash. Current production	Gravel	WHATCOM COUNTY Sumas area NW¼ sec. 21, (40-4E) NE¼ sec. 34, (41-4E)
SUPERIOR ASPHALT & CONCRETE COMPANY E. J. Auve, Mgr. P. O. Box 1602 Yakima, Wash. Plant capacity: 1,000 T./shift. Current production	Sand, gravel, crushed gravel, concrete products, ready-mixed concrete, asphalt paving	YAKIMA COUNTY W. shore of Yakima River (2000 E. Beech) Sec. 20, (13-19E)
SUTTER'S GRAVEL Louis Sutter R. F. D. 1, Box 4491 Issaquah, Wash. Intermittent production	Pit gravel	KING COUNTY Issaquah area SE¼ sec. 21, (24-6E)
SWARTZ, LEE C., CONCRETE PRODUCTS (See Lee C. Swartz Concrete Products.)		
TENNYSON, J. L. Route 4, Box 453 Sedro Woolley, Wash. Current production	Pit gravel	SKAGIT COUNTY 2 mi. S. of Clear Lake Center of N. line sec. 14, (34-4E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
THOMPSON, JOHN Route 1, River Bend Farm Granger, Wash. Limited production	Sand, gravel	YAKIMA COUNTY Granger area E½ sec. 17, (10-21E)
THOMPSON, STANLEY Goldendale, Wash. Current production	Crushed rock	KLICKITAT COUNTY Goldendale area SE¼ sec. 16, (4-16E)
TIM CORLISS AND SON CO. Harry B. Corliss Route 1 (P. O. Box 485) Sumner, Wash. Plant capacity: 100 T./hr. Current production from:	Sand, gravel, crushed rock, ready-mixed concrete	PIERCE COUNTY
Gravel pit	Sand, gravel, crushed rock	Sumner area SW¼SW¼ sec. 20, (20-5E)
Gravel pit	Sand, gravel, crushed rock	2 mi. N. of Puyallup SW¼ sec. 16, (20-4E)
TOBIN SAND & GRAVEL Francis J. Tobin, owner 3201 Lincoln Ave. Yakima, Wash. Plant capacity: 25 yd./hr. Current production	Sand, gravel, crushed gravel	YAKIMA COUNTY Parker area E½ sec. 20, (12-19E)
TOUGAW & OLSON, INC. E. R. Olson, Pres. S. O. Tougaw, Secy. Robert Olson, Treas. 1501 Wells St. (Box 17) Enumclaw, Wash. Plant capacity: 20 yd./hr. Current production	Sand, gravel, ready-mixed concrete	KING COUNTY Enumclaw area SW¼ sec. 20, (20-7E)
TRI-CITY SAND AND GRAVEL CO., INC. Jack Martin P. O. Box 519 Edmonds, Wash. Plant capacity: 1,000 yd./shift. Current production	Sand, gravel, concrete products, ready-mixed concrete	SNOHOMISH COUNTY Sunnyside area SE¼SW¼ sec. 2, (29-5E)
TROSPER TRANSIT MIX CONCRETE Lloyd Max Trosper, owner N. 290 26th Pomeroy, Wash. Current production	Sand, gravel	GARFIELD COUNTY Central Ferry area

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
TUMWATER CONCRETE PRODUCTS CO. Warren B. Christenson Leavenworth, Wash. Current production	Sand, gravel, crushed rock	CHELAN COUNTY Leavenworth area NW¼SW¼ sec. 12, (24-17E)
TWIN CITY PREMIX, INC. Don Ross, Mgr. 1346 Chestnut Clarkston, Wash. Plant capacity: 40 yd./hr. Current production		ASOTIN COUNTY
	Sand	Clarkston area 16th and Chestnut
	Sand, gravel, crushed rock	Silcott
ULERY, KEN L., CONSTRUCTION CO., INC. (See Ken L. Ulery Construction Co., Inc.)		
UNION SAND & GRAVEL CO., INC. John W. Murphy, Pres. N. 805 Division St. Box 2184 Spokane 2, Wash. Current production at:		SPOKANE COUNTY
Fort George Wright (No. 1) pit	Sand, gravel	On Government Way
Mead pit	Fine sand	One mile north of Hillyard
Yardley (No. 2) pit	Sand, gravel, crushed gravel	At Broadway and Havana
VALLEY READY-MIX CONCRETE CO. L. R. Drollinger and sons, owners P. O. Box 495 Sunnyside, Wash. Current production		YAKIMA COUNTY
1961 production: 20,000 yd.	Sand, gravel, crushed rock	101 N. 11th, Sunnyside Sec. 8, (9-22E)
1961 production: 20,000 yd.	Sand, gravel, crushed rock	BENTON COUNTY 22 S. Cullum, Richland
VASHON SAND AND GRAVEL CO. A. A. Schmidt Route 1, Box 120 Burton, Wash. Current production	Sand, gravel	KING COUNTY Maury Island NE¼SE¼ sec. 21, (22-3E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
VERBECK BROTHERS, INC. Don Verbeck, Mgr. Tonasket, Wash. Crushing capacity: 100 T./hr. Current production at:		OKANOGAN COUNTY
Osoyoos Lake area	Sand, gravel, crushed gravel	Sec. 10, (39-27E) NW¼SE¼ sec. 5, (40-27E)
Tonasket area	Sand, gravel, crushed gravel	NE¼NE¼ sec. 16, SW¼SE¼ sec. 17, (37-27E)
WASHINGTON STATE Department of Highways Current production	Sand, gravel, crushed rock	Various locations throughout the state
WEAVER & McGARRAH, CONTRACTORS 1512 S. Evans Aberdeen, Wash. Production approx. 5,000 yd./yr. Current production from Simera pit	Pit sand, gravel	GRAYS HARBOR COUNTY South Aberdeen area S½ sec. 15, (17-9W)
WESTERN AGGREGATES, INC. Dwight R. Nelson, Mgr. P. O. Box 2175 Everett, Wash. Current production	Sand, gravel, crushed gravel	SNOHOMISH COUNTY Paine Field area N½NE¼NE¼ sec. 11, (28-4E)
WESTERN SAND & GRAVEL CO. Paul H. Smith, Pres. Route 2, Box 1205 Maple Valley, Wash. Plant capacity: 110 yd./hr. Current production	Sand, gravel, crushed gravel, ready-mixed concrete	KING COUNTY Maple Valley area NE¼ sec. 16, (22-6E)
WHATCOM BUILDERS SUPPLY CO. Thomas P. Nash, Pres. Box 646 Lynden, Wash. Plant capacity: 40 yd./hr. Current production	Sand, gravel, crushed gravel	WHATCOM COUNTY Lynden area SE¼ sec. 22, (40-2E) NE¼ sec. 36, (40-2E)
C. V. WILDER CO. 1840 State St. Bellingham, Wash. Current production at Axton pit (See also: C. V. Wilder Co. under Nonmetallic Mining Operations.)	Sand, gravel, crushed rock	WHATCOM COUNTY Laurel area SE¼ sec. 19, SW¼ sec. 20, (39-3E)

NAME OF OPERATION	PRODUCT	PROPERTY LOCATION
WINTERS, DALE Box 546 Elma, Wash. Intermittent production	Sand, gravel	GRAYS HARBOR COUNTY Elma area NW¼ sec. 4, (17-6W)
WOODLAND SAND AND GRAVEL, INC. Richard Norelius, Pres. P. O. Box 53 Woodland, Wash. Crushing capacity: 80 yd./hr. Current production	Sand, gravel, crushed gravel	COWLITZ COUNTY Woodland area N½ sec. 10, (5-1E)
WOODWORTH & CO., INC. J. A. Woodworth, Pres. G. L. Falskow, V. P.-Treas. 1200 East "D" St. Tacoma 2, Wash. Current production at:		PIERCE COUNTY
Hylebos pit	Sand, gravel	N. of Fife SW¼ sec. 25, (21-3E)
Lakeview pit	Sand	Lakeview Park NW¼SW¼ sec. 9, (19-4E)
YAKIMA CEMENT PRODUCTS CO. Richard Hews, Pres.-Gen. Mgr. 1202 S. First Street (P. O. Box 436) Yakima, Wash. Current production at:	Concrete products, ready-mixed concrete, asphalt paving	YAKIMA COUNTY
Yakima pit Crushing capacity: 250 T./hr.	Sand, gravel, crushed rock	E. side of Yakima River NW¼ sec. 6, (13-19E)
Grandview pit	Sand, gravel	Bank of Yakima River NW¼ sec. 34, (9-23E)

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Abbreviations used:

Ag - silver	Cu - copper	Pb - lead	W - tungsten
Au - gold	Fe - iron	Sn - tin	Zn - zinc
	Mo - molybdenum	U - uranium	

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Au	Ag						Ace of Diamonds Claim	6
	Ag		Pb	Zn			American Zinc, Lead and Smelting Co.	6
Au							Anna May Claim	6
Au							Caldo Mining Co.	6
						W	Chief Jo Tungsten, Inc.	7
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						U	Dawn Mining Co.	7
						U	Daybreak Uranium, Inc.	7
	Ag	Cu	Pb	Zn			Delles and Sullivan Mining and Milling Co.	7
Au	Ag	Cu			Mo	W	Devil's Canyon Mining Co.	8
Au							Dow Minerals, Inc.	8
Au		Cu					Eagle Peak Copper Mining Co.	8
	Ag		Pb	Zn			Fairview Claims	8
	Ag						Fourth of July Mine	8
Au	Ag	Cu	Pb				Galena Farm Mine	8
Au							Golden Thunderbird Mining Co., Inc.	8
Au	Ag						Hillside Mines, Inc.	8
Au	Ag						Janni Saddlerock Prospect	9
						Fe	Johnson, L. C.	9
Au	Ag						Knob Hill Mines, Inc.	9
Au	Ag	Cu			Mo		Kromona Consolidated Mines, Inc.	9
Au	Ag						Lovitt Mining Co., Inc.	9
	Ag		Pb				Lucky Joe Mining Co.	9
	Ag	Cu			Mo		Malispina Mining Co., Ltd.	9
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Au							Nelson Hill Property	10
Au	Ag	Cu				W	Paymaster Mines, Inc.	10
	Ag		Pb	Zn			Pend Oreille Mines & Metals Co.	10
Au							Pole Pick Mine	10
	Ag		Pb	Zn			Rare Metals Corporation of America	10
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			Pb				Shamrock Mining Co.	11
					Sn	W	Silver Hill Mines, Inc.	11
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Abbreviations used:

Ag - silver	Cu - copper	Pb - lead	W - tungsten
Au - gold	Fe - iron	Sn - tin	Zn - zinc
	Mo - molybdenum	U - uranium	

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" " " "	Ridgefield Brick & Tile Co.	30
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" " " "	Kifers Mica Rock Quarry	22
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Peat	Marl-Rich, Inc.	25

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JEFFERSON COUNTY

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Crushed rock and riprap	General Construction Co.	18

Location	Sand and Gravel Operation	
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KING COUNTY

Product	Metallic Operation	
Au Ag Cu Mo W	Devil's Canyon Mining Co.	8

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Product	Nonmetallic Operations	Page
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" " " "	Sunset Quarries, Inc.	33
Clay and clay products	Builders Brick Co.	15
" " " "	Cavanaugh Molding Sand Co.	16
" " " "	Ideal Cement Co.	19
" " " "	International Pipe and Ceramics Corp.	20
" " " "	Lone Star Cement Corp.	23
" " " "	Peterson Development Co., Inc.	29
Coal	B & R Coal Co.	14
"	Coal Inc.	16
"	Draghi Coal Co.	17
"	Palmer Coking Coal Co., Inc.	28
Crushed rock and riprap	Black River Quarry, Inc.	14
" " " "	Puget Sound Bridge & Drydock Co.	29
" " " "	Squak Mountain Quarry, Inc.	32
Molding sand	Cavanaugh Molding Sand Co.	16
Peat	Acme American Peat Moss	13
"	Arbor Lake Garden Supply	13
"	Arbor Lake Humus Co.	13
"	Bow Lake Humus Co.	15
"	Carlson Peat & Wood	15
"	Carnation Peat Humus Co.	15
"	Federal Way Humus and Nursery	17
"	Mairs, H. D.	24
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"	Moss Lake Peat	26
"	Plant Food Co.	29
"	Rainier View Humus Co.	30
"	Renton Powder Co.	30
"	Setzer, Max	31
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" "	Miles Co.	48
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" "	Lakeside Gravel Co., Inc.	46
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" "	Sutter's Gravel	55
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Seattle	Black River Quarry, Inc.	37
"	Puget Sound Bridge & Drydock Co.	52
South Seattle	Mutual Materials Co.	49

KITSAP COUNTY

Product	Nonmetallic Operations	
Crushed rock and riprap	Pioneer Towing Co.	29
Peat	Ashbury Fuel	14
"	Long Lake Peat Co.	24
"	Maida Lake Peat Co.	24

Location	Sand and Gravel Operations	
Bremerton area	Ace Paving Co.	35
Lofall area	North Kitsap Gravel & Asphalt Co.	50
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KITTITAS COUNTY

Product	Metallic Operations	
Au Ag	Ace of Diamonds Claim	6
Au	Anna May Claim	6
Au	Golden Thunderbird Mining Co., Inc.	8
Au	Miner's Mining Inc.	10
Au	Nelson Hill Property	10

Product	Nonmetallic Operations	
Building or dimension stone	Brighton, Larry and Reid, A. E.	15
" " " "	Kirsch, J. Jack	22
Coal	Northern Pacific Railway Co.	26

Location	Sand and Gravel Operation	
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Product	Nonmetallic Operation	
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Location	Sand and Gravel Operations	Page
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LEWIS COUNTY

Product	Metallic Operation	
Au Cu	Eagle Peak Copper Mining Co.	8

Product	Nonmetallic Operations	
Building or dimension stone	Daybreak Quarry	17
Clay and clay products	Chehalis Brick & Tile Co.	16
Coal	Arrowsmith Coal Co.	13
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Location	Sand and Gravel Operations	
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" "	Pacific Sand & Gravel Co.	51
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Product	Nonmetallic Operation	
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Location	Sand and Gravel Operations	
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Shelton area	Boise Cascade Corp.	37
" "	John's Creek Sand & Gravel Co.	45
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" "	Ogden, F. E.	50

OKANOGAN COUNTY

Product	Metallic Operations	
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Au	Dow Minerals, Inc.	8
Ag	Fourth of July Mine	8
Fe	Johnson, L. C.	9
Au Ag Cu W	Paymaster Mines, Inc.	10
Au Ag Pb Zn	Silver Mountain Mining Co.	11
Fe	Zontelli Brothers	12

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Product	Nonmetallic Operations	
Building or dimension stone	Runyon, H. G.	30
Crushed rock and riprap	Runyon, H. G.	30

Location	Sand and Gravel Operations	
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PEND OREILLE COUNTY

Product	Metallic Operations	
Ag Pb Zn	American Zinc, Lead and Smelting Co.	6
Ag Pb Zn	Delles and Sullivan Mining and Milling Co.	7
Ag Pb Zn	Fairview Claims	8
Ag Pb	Lucky Joe Mining Co.	9
Ag Pb Zn	Pend Oreille Mines & Metals Co.	10
Au Ag Pb	Rocky Creek Mine	11
U	Triple H-J Mining Co., Inc.	11

Product	Nonmetallic Operations	
Barite	Bobcat Mine	14
Limestone	Lehigh Portland Cement Co.	23
Portland cement	Lehigh Portland Cement Co.	23
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" " " "	La Grande Canyon Quarry	22
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Coal	Queen Coal Co.	30
Peat	Bradley's Top Soil	15
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SAN JUAN COUNTY

Product	Nonmetallic Operation	
Limestone	Everett Lime Co.	17

Location	Sand and Gravel Operation	
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SKAGIT COUNTY

Product	Metallic Operation	
Ag Cu Pb Zn	Soren Mining and Milling Corp.	11

Product	Nonmetallic Operations	
Cement rock	Lone Star Cement Corp.	23
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Product	Nonmetallic Operations	
Building or dimension stone	Miller Lime Co.	25
Clay and clay products	Lowell Brick & Tile Co.	24
Crushed rock and riprap	Stoen Construction Co.	32
Limestone	Miller Lime Co.	25
"	Western Lime Co.	34
Mineral water	Garland Mineral Springs	18
Peat	Bassett's Gro-Earth	14
"	Fullers Soils	18
"	Great Northern Pacific Peat Co.	18
"	Joe LaRoche Topsoil & Peat	21
"	Lynnwood Topsoil Co.	24
"	Rhod-A-Zalea Gardens	30
"	Verbeck, Dewey	33
Travertine	Darrington Mining & Milling Co.	16

Location	Sand and Gravel Operations	
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SNOHOMISH COUNTY (continued)

Location	Sand and Gravel Operations (continued)	Page
Kenmore area	Edinger Gravel Co., Inc.	41
" "	Lake City Gravel and Materials, Inc.	46
Marysville area	Otto & Ross Gravel Co., Inc.	50
Monroe	Beavers, C. H.	36
Monroe area	Stoen Construction Co.	55
Silvana area	Satra, Oliver	53
Snohomish	Snohomish Sand & Gravel, Inc.	54
Snohomish area	Crescent Gravel & Supply	40
" "	Pilchuck Sand & Gravel	51
Sunnyside area	Tri-City Sand and Gravel Co., Inc.	56

SPOKANE COUNTY

Product	Metallic Operations	
U	Daybreak Uranium, Inc.	7
Sn W	Silver Hill Mines, Inc.	11

Product	Nonmetallic Operations	
Building or dimension stone	Empire Granite Co.	17
" " " "	Keene & Son	21
Clay and clay products	Ideal Cement Co.	20
" " " "	International Pipe and Ceramics Corp.	21
" " " "	Pirello Bros.	29
Crushed rock	Carl Carbon, Inc.	15
" "	Empire Granite Co.	17
Portland cement	Ideal Cement Co.	20
Silica	Pacific Silica Co.	28

Location	Sand and Gravel Operations	
Spokane	Ace Concrete Co.	35
Spokane area	Carl Carbon, Inc.	38
Spokane	Cunningham Sand and Gravel Co., Inc.	40
"	Inland Asphalt Co.	44
Spokane area	Materne, Jack O.	48
Spokane	Materne Sand Co.	48
"	Spokane Sand and Gravel Co.	54
Spokane area	Sullivan Paving, Inc.	55
Spokane	Union Sand & Gravel Co., Inc.	57

STEVENS COUNTY

Product	Metallic Operations	
Pb	Clayloon Uranium Co., Inc.	7
U	Dawn Mining Co.	7
Ag Cu Pb Zn	Delles and Sullivan Mining and Milling Co.	7
Au Ag Cu Pb	Galena Farm Mine	8
Ag Pb Zn	Rare Metals Corporation of America	10
Pb	Shamrock Mining Co.	11
Zn	Tri-Nite Mining Co.	11
Ag Cu Pb Zn	Triton Mining Co.	12

STEVENS COUNTY (continued)

Product	Nonmetallic Operations	Page
Barite	Sell, Leonard	31
"	Triton Mining Co.	33
Building or dimension stone	Lavigne, Gordon	22
" " " "	Lewis, Don	23
" " " "	Janni, Joseph A.	21
" " " "	Madsen's Quarries	24
" " " "	Marty, John	25
" " " "	Merrill, Everett	25
" " " "	Moorhead, W. B.	26
" " " "	North American Non-Metallics, Ltd.	26
" " " "	Northwest Marble Products Co.	27
" " " "	Northwest Stone	27
" " " "	Peter Janni & Sons	29
Clay and clay products	International Pipe and Ceramics Corp.	21
Dolomite	Allied Minerals Corp.	13
"	Manufacturers Mineral Co.	24
Limestone	Columbia Rock Co.	16
"	Ideal Cement Co.	20
"	Northport Limestone Co.	26
Magnesite	Northwest Magnesite Co.	27
Molding sand	Manufacturers Mineral Co.	24
Silica sand	Lane Mountain Silica, Inc.	22
" "	Manufacturers Mineral Co.	24
Terrazzo chips	Manufacturers Mineral Co.	24
" "	North American Non-Metallics, Ltd.	26
" "	Northwest Marble Products Co.	27
" "	Peter Janni & Sons	29

Location	Sand and Gravel Operations	
Chewelah area	Colville Valley Concrete Corp.	40
Colville	Colville Valley Concrete Corp.	40

THURSTON COUNTY

Product	Nonmetallic Operations	
Coal	Stoker Coal Co.	33
Peat	Kyllonen, Clifford	22
"	Monarch Peat Moss Corp.	26
"	Organics Westward Ho, Inc.	28
"	Sharp, J. Arnold	31

Location	Sand and Gravel Operations	
Nisqually area	Holroyd Co.	44
Olympia area	O & K Trucking Co.	50
" "	Olympia Oil and Wood Products Co.	50
Rochester area	Blackie's Gravel	37
Tumwater area	Ken L. Ulery Construction Co., Inc.	46

WALLA WALLA COUNTY

Location	Sand and Gravel Operations	Page
Attalia area	Jones-Scott Co., Inc.	45
Walla Walla	Jones-Scott Co., Inc.	45

WHATCOM COUNTY

Product	Nonmetallic Operations	
Building or dimension stone	Scheel Stone Co.	31
" " " "	Wells Creek Quarry	34
Clay and clay products	Lynden Clay Products, Inc.	24
" " " "	The Olympic Portland Cement Co.	28
Limestone	Mitchell Bay Lime Co.	25
"	The Olympic Portland Cement Co.	28
Portland cement	The Olympic Portland Cement Co.	28

Location	Sand and Gravel Operations	
Bellingham	Lind Gravel Co.	47
Bellingham area	Mulka Gravel Co.	49
Cedarville area	Cowden Gravel	40
Laurel area	Doug Pullar Sand & Gravel	41
" "	C. V. Wilder Co.	58
Lynden area	Whatcom Builders Supply Co.	58
Sumas area	Sumas Fuel & Transfer Co.	55

WHITMAN COUNTY

Product	Nonmetallic Operations	
Crushed rock	Carl Carbon, Inc.	15
" "	Larson, Herman J.	22

Location	Sand and Gravel Operations	
Colfax area	Faires Equipment Co.	42
Pullman area	Carl Carbon, Inc.	38
" "	Larson, Herman J.	46

YAKIMA COUNTY

Product	Nonmetallic Operations	
Bentonite	Tietonite Mines, Inc.	33
Building or dimension stone	Lehman, Burton A.	23
" " " "	Mount Adams Sheet Rock Quarry	26
Pumicite	Grimes Co.	19

Location	Sand and Gravel Operations	
Grandview	Keller Sand & Gravel	45
"	Yakima Cement Products Co.	59
Granger area	Thompson, John	56
Parker area	Tobin Sand & Gravel	56

YAKIMA COUNTY (continued)

Location	Sand and Gravel Operations (continued)	Page
Sunnyside	Valley Ready-Mix Concrete Co.	57
Toppenish	Graham & Morris Construction Co.	43
"	F. B. Kerby & Sons Sand & Gravel	46
Yakima	Superior Asphalt & Concrete Company	55
"	Yakima Cement Products Co.	59

SOME RECENT PUBLICATIONS OF THE DIVISION OF MINES AND GEOLOGY

Division of Mines and Geology Bulletin 37 - Inventory of Washington minerals, Part I, Nonmetallic minerals, by Grant M. Valentine. Revised by Marshall T. Huntting. 1960. 175 p. 39 pls. Price per set (2 volumes -- text and maps) $3.00.

Division of Mines and Geology Bulletin 37 - Inventory of Washington minerals, Part II, Metallic minerals, by Marshall T. Huntting. 1956. 495 p. 27 pls. Price per set (2 volumes-- text and maps) $4.50.

Division of Mines and Geology Bulletin 41 - An outline of mining laws of the State of Washington, compiled and annotated by Morton H. Van Nuys, Mining Lawyer, Seattle. 1953. 142 p. 50¢. [Includes 26-page supplement published in 1956.]

Division of Mines and Geology Bulletin 42 - Gold in Washington, by Marshall T. Huntting. 1955. 158 p. 2 figs. $1.00.

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Division of Mines and Geology Bulletin 47 - Coal reserves of Washington, by Helen M. Beikman, Howard G. Gower, and Toni A. M. Dana. 1961. 115 p. 62 figs. $1.75.

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Division of Mines and Geology Information Circular 22R - Introduction to Washington geology and resources, by Dr. C. D. Campbell. 1962. 44 p. 5 figs. 25¢.

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Division of Mines and Geology Information Circular 33 - Fossils in Washington, by Vaughn E. Livingston, Jr. 1959. 35 p. 1 pl. 17 figs. 25¢.

Division of Mines and Geology Information Circular 36 - Mineral rights and land ownership in Washington, by Wayne S. Moen. 1962. 23 p. 1 pl. 2 figs. Free.

Division of Mines and Geology Geologic Maps GM-1 - Preliminary geologic map of the Hobart and Maple Valley quadrangles, King County, Washington. 1962 Scale: 1:24,000. 75¢.

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