



# State of the Aggregate (resources)

Clark County  
10/1/25

Rian Skov – Lead Regulatory Geologist, WGS



# Introduction/ DNR resources

- Rian Skov – [rian.skov@dnrwa.gov](mailto:rian.skov@dnrwa.gov) - Lead Regulatory Geologist – State expert on surface mine reclamation and environmental impacts of mining.
- John Bromley – [john.bromley@dnr.wa.gov](mailto:john.bromley@dnr.wa.gov) - Inspector for Clark County – Most current and site-specific knowledge of mines in the county.
- Tricia Sears – [tricia.sears@dnr.wa.gov](mailto:tricia.sears@dnr.wa.gov) - Geologic Planning Liasson – WGS county outreach coordinator, facilitates meetings with County planning and DNR geologists to ensure that information WGS produces is seen and understood by the target audience.



# Aggregate types & specs

- Hot Mix Asphalt aggregate 1, 2, 6
  - Coarse concrete aggregate 1, 2, 3, 4
  - Fine concrete aggregate 3, 5
  - Base coarse 1, 2, 6
  - Top coarse 1, 2, 6
  - Finishing sand 3, 5
  - Common borrow 3, 5, 6
  - Streambed aggregates 1, 2, 7
1. LA Abrasion
  2. Degradation factor
  3. Gradation
  4. Alkali-Silica Reactivity
  5. #200 fines
  6. Sand equivalent
  7. Bulk specific gravity

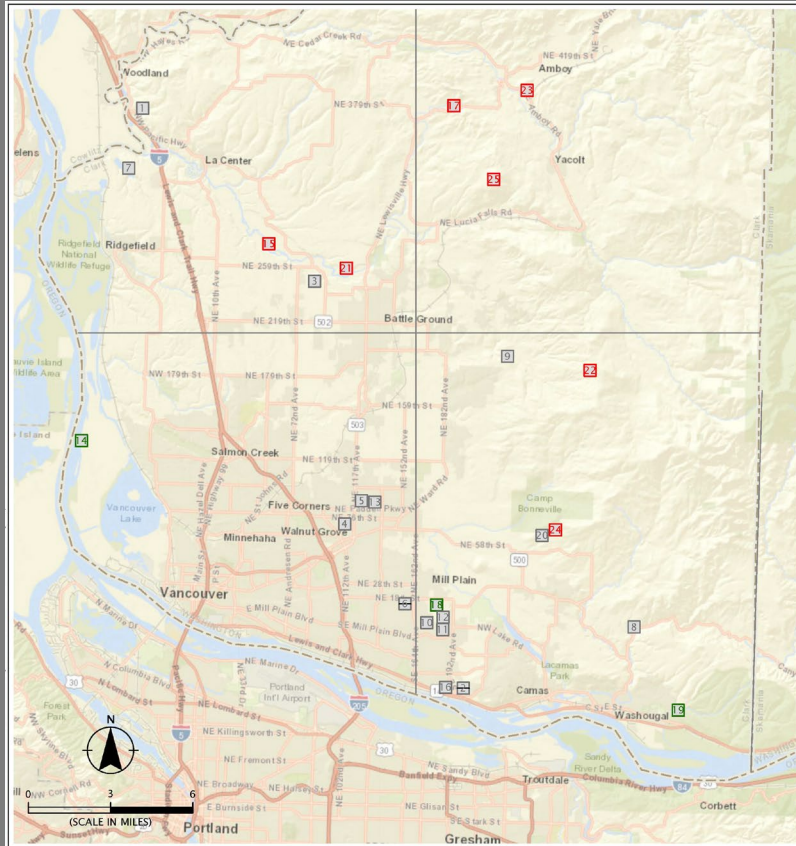


# Aggregate Resources





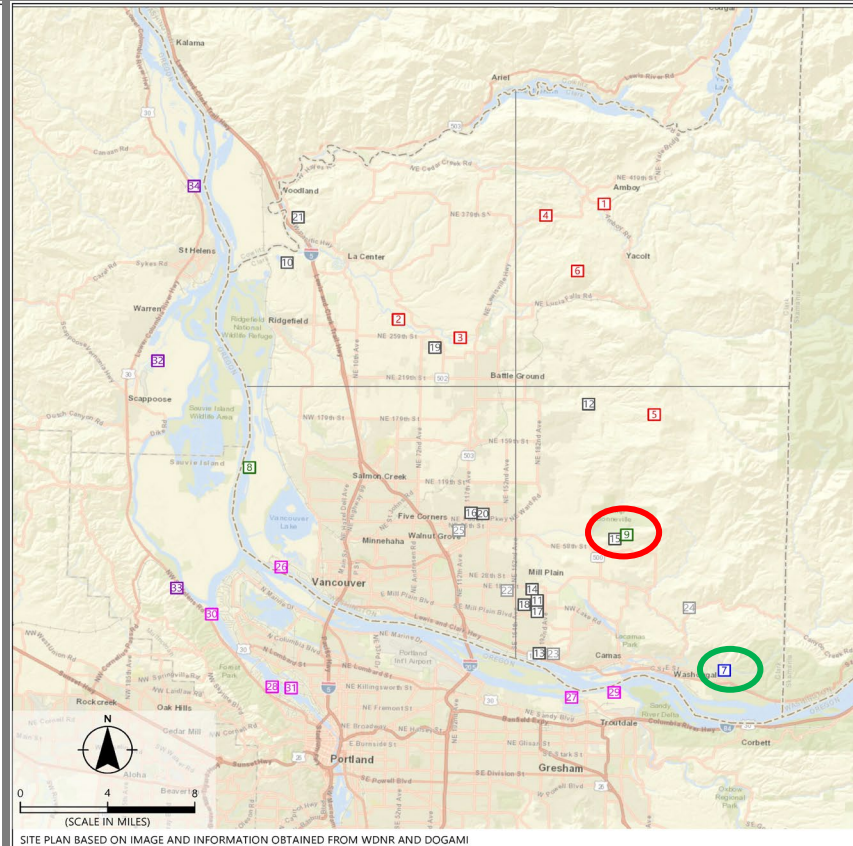
# Active mines – 2021-2024



- LEGEND:
- 1 MINING COMPLETE
  - 2 MINING NEARLY COMPLETE AND/OR NOT PRODUCING CONSTRUCTION AGGREGATE
  - 3 MINING ACTIVELY PRODUCING CONSTRUCTION AGGREGATE

CLARK COUNTY PERMITTED MINE SITES (AS OF MAY 2021)		
MINE SITE IDENTIFIER	NAME OF MINE	LIFE OF MINE VOLUME (CUBIC YARDS)
1	WOODLAND PIT	-
2	FISHER QUARRY / Q5-G-78	PERMIT CLOSED
3	TEBO	-
4	WHATLEY PIT G-43	-
5	ORCHARDS	-
6	EVERGREEN	PERMIT CLOSED
7	CIRCLE C	-
8	WASHOUGAL RIVER PIT	-
9	TWIN PEAKS	-
10	SE 1ST ST FACILITY	-
11	REES/PARR	-
12	ENGLISH PIT	-
13	FINN HILL	-
14	FAZIO PIT	-
15	DAYBREAK	790,000
16	FISHER	-
17	MAPLE PIT QUARRY G-9	900,000
18	FRIBERG PIT (SECTION 30)	-
19	WASHOUGAL PIT	-
20	LIVINGSTON	-
21	LEWISVILLE PIT (CADMAN)	360,000
22	SPOTTED DEER/RANDAL KIRK	800,000
23	COURTNEY ROCK QUARRY	250,000
24	LIVINGSTON MT QUARRY	400,000
25	YACOLT MT QUARRY	32,100,000

SITE PLAN BASED ON IMAGE AND INFORMATION OBTAINED FROM WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES



- LEGEND:
- 1 SITE LOCATION - SEE TABLES BELOW

CLARK COUNTY PERMITTED MINE SITES	
MINE ACTIVELY PRODUCES CONSTRUCTION AGGREGATE	RESOURCE TYPE
1 COURTNEY ROCK QUARRY	BEDROCK QUARRY
2 DAYBREAK	SAND AND GRAVEL
3 LEWISVILLE PIT	SAND AND GRAVEL
4 MAPLE PIT QUARRY G-9	BEDROCK QUARRY
5 SPOTTED DEER / RANDALL KIRK	BEDROCK QUARRY
6 YACOLT MT QUARRY	BEDROCK QUARRY
MINE READY TO PRODUCE CONSTRUCTION AGGREGATE	
7 WASHOUGAL PIT	SAND AND GRAVEL
MINING NEARLY COMPLETE AND/OR NOT PRODUCING CONSTRUCTION AGGREGATE	
8 FAZIO PIT	SAND ONLY
9 LIVINGSTON MT QUARRY	BEDROCK QUARRY
MINING COMPLETE / ACTIVELY BEING RECLAIMED FOR POST-MINING USE	
10 CIRCLE C	
11 ENGLISH PIT	
12 FINN HILL	
13 FISHER	
14 FRIBERG PIT (SECTION 30)	
15 LIVINGSTON QUARRY	
16 ORCHARDS	
17 REES / PARR	
18 SE 1ST ST FACILITY	
19 TEBO	
20 TWIN PEAKS	
21 WOODLAND PIT	
RECLAIMED / MINING PERMIT CLOSED SINCE 2018	
22 EVERGREEN	
23 FISHER QUARRY / Q5-G-78	
24 WASHOUGAL RIVER PIT	
25 WHATLEY PIT G-43	

BARGE AND OTHER AGGREGATE SITES IN VICINITY	
RECEIVING / SELLING AGGREGATE	
26 CALPORTLAND - PORT OF VANCOUVER AGGREGATE YARD	
27 CALPORTLAND - BLUE LAKE AGGREGATE YARD	
28 CALPORTLAND - FRONT AVENUE AGGREGATE YARD	
29 KNIFE RIVER - SUNDIAL AGGREGATES	
30 KNIFE RIVER - PORTLAND METRO OPERATIONS	
31 HEIDELBERG MATERIALS - PORT OF PORTLAND AGGREGATES	
SOURCES FOR BARGE / IMPORTED AGGREGATES	
32 CALPORTLAND - SANTOSH AGGREGATE PLANT	
33 KNIFE RIVER - ANGELL QUARRY	
34 KNIFE RIVER - WATERVIEW AGGREGATES	
35 HEIDELBERG MATERIALS - COYOTE SPRINGS AGGREGATES	

★ LOCATED IN BOARDMAN, OR



WASHINGTON STATE DEPARTMENT OF  
**NATURAL RESOURCES**

dnr.wa.gov

# Potential solutions?

- **There is no easy solution or decision to be made when it comes to aggregate resources.**
- **Sand and gravel resources in Clark County are sparse, import of sand and gravel aggregate products will be a trend in the future.**
- **Hard rock resources in the county are expansive, many with difficult transportation and environmental challenges.**
- **Look at port district for future aggregate terminals, only one in Clark co currently.**
- **Alternate transport (barge, rail) can alleviate truck transportation concerns.**





Questions?