

"CHECK OUT MY GRAVEL PIT A MYSTERY UNRAVELIN'... DON'T GO AGAINST THE GRAIN IF YOU CAN'T HANDLE IT"

- WU-TANG CLAN

"GRAVEL PIT" 2000

ABBREVIATIONS:

CY: CUBIC YARD FT: FOOT MW: MEGA WATTS USFS: UNITED STATES FOREST SERVICE

TOUR DEVELOPMENT AND PHOTOGRAPHS BY STEPHEN LORBER PUBLISHER: HAMM LORBER PUBLISHING HOUSE EUGENE, OREGON 2022



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- 9 AM TOUR STARTS
- 9:50 BASALT MINE
- 10:15 HILLS CREEK DAM
- 10:45 TV BUTTE
- 12:00 LUNCH @ FISH HATCHERY



- 2:05 DELTA SAND AND GRAVEL
- 2:55 URBAN RESERVE
- **3:25 JUNCTION CITY PONDS**
- 4:05 DELTA PONDS
- 4:45 TOUR ENDS



HARD ROCK AGGREGATE



- » IN LANE COUNTY, USUALLY FROM BASALT OUTCROPS, FORMED 15-20 MILLION YEARS AGO
- » ANGULAR SHAPE
- » **DEEP MINES**
- » SOLID MASS BEFORE EXTRACTION
- » DRILLED AND BLASTED TO EXTRACT
- » PROCESSING NEEDED FOR USE

SAND AND GRAVEL AGGREGATE



- » GLACIAL AND ALLUVIAL DEPOSITS 10,000 YEARS AGO
- » ROUNDED SHAPE
- » SHALLOW AND WIDE MINES
- » FOUND LOOSE UNDER SOIL
- » SCOOPED AND SCRAPED TO EXTRACT
- » MIX OF PETROLOGIES













OAKRIDGE URBAN GROWTH BOUNDARY









EUGENE/ SPRINGFIELD METRO URBAN GROWTH BOUNDARY









THESE NARRATIVE TOOLS UNVEIL HIDDEN NARRATIVES INTERSECTING WITH EACH SITE. BY UNVEILING THESE STORIES, A MORE COMPLEX PICTURE OF THE MATERIAL NETWORK CAN BE EXPLORED.

STEP 1

Find the corresponding image in the back of the guidebook. Then, hold the image up at the site to unveil hidden stories.



EXAMPLE: ELK HERD AT TV BUTTE





THESE NARRATIVE TOOLS WORK IN CONCERT WITH THE GUIDEBOOK FACTS AND TOUR NARRATIVE TO SPARK FURTHER DISCUSSION AND INQUIRY.

STEP 2

Find another corresponding image in the back of the guidebook. These corresponding site images can be used to show which stories intersect on the site.



EXAMPLE: AGGREGATE TRUCKS OVERLAYED ON ELK HERD AT TV BUTTE





These narrative tools are found in the back of this guidebook. Each immage corresponds to a site on this tour—revealing stories about the landscape that are hidden from our perspective. These are narratives of **future projections**, **displacement**, **and material flow** in the network.

While these tools are coordinated with specific tour sites, it doesn't mean these narratives are exclusive to that site. These narratives resonate with landscapes across Oregon and can be layered to reveal intersections in the material network.

FUTURE PROJECTION NARRATIVES



HOUSING DEVELOPMENT



URBAN RESERVES



POPULATION TREND





DISAPPEARANCE

DISPLACEMENT NARRATIVES



ELK HERD



SHEEP





FARMERS

NATIVE TURTLES

MATERIAL FLOW NARRATIVES



PROTEST



AGGREGATE TRUCKS





LOGGING TRUCK





HIDDEN NARRATIVES







LOGGING TRUCK

EXPLOSIVES

POPULATION TREND



FACTS!

[GENERAL FACTS]

- » Extraction can last 25-50 years, or longer.⁴
- » About 90% of aggregate is extracted within an average of 35 miles to destination sites.⁴
- » Roughly 2500 aggregate mine sites are on Oregon USFS lands.¹
- » Oregon uses roughly 52 million tons of aggregate a year and the demand is projected to grow to 150 million tons by 2050.¹
- » In Lane County alone, the USFS used approximately 85,000 cy of aggregate to create stable timber harvesting roads and public works projects in 2021.⁵









AGGREGATE TRUCKS



PROTEST

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ELK HERD



FACTS!

[SITE FACTS]

- » TV Butte is expected to produce 17 million tons of aggregate over the next 50 years.²
- » 400 ft. will be extracted off the top of TV Butte.²
- » 183-acre quarry proposed.²
- » Elk herd of about 100-150 use the Butte.²
- » Foraging, fawning, and overwintering area for elk.
- » 86 dump trucks per day to haul gravel through Oakridge.²
- » Mine will generate large quantities of silica dust—currently Oakridge is among the worst air quality communities in US.²
- » Pre-colonial hunting land of the Molalla, Kalapuya, Klamath and Warm Springs indigenous peoples.
- » Economy relies on outdoor recreation tourism—mountain biking alone brings in \$2.3 \$4.9 million each year.⁷





FACTS!

[GENERAL FACTS ABOUT AGGREGATE IN OREGON]

- » "Natural Aggregate production had a greater value than the copper, gold, and silver produced during this same year [2002]."⁴
- » 1,209 employed in nonfuel mineral mines in 2014.³
- » 191 employed in mills and plants in 2014.³
- » 17.3 million tons of quarried aggregate extracted in 2014 with \$134 million in value.³
- » 10,900 thousand metric tons of sand and gravel in 2014 with \$94.3 million in value.³





HOUSING DEVELOPMENT

24

SHEEP

FARMERS

tett.

POPULATION TREND



FACTS!

[GENERAL FACTS]

- » 10% population growth in Oregon from 2010-2020.¹⁰
- » 87% of population growth was from net in-migration.¹⁰
- » Oregon expected to reach 4.744 million people by 2030.¹⁰
- » Consumption of aggregate typically increases with wealth.⁴
- » "The wealthy area may demand more aggregate from a poor area than the poor area demands for its own needs."⁴
- » 90 tons of aggregate are needed to build a typical six-room house.¹





Facts!

[GENERAL FACTS]

- » 66% of total aggregate production in Oregon comes from the Willamette Valley.¹¹
- » Essentially all extracted sand and gravel in Willamette Valley comes from alluvial deposits in 100-year floodplain along Willamette River and tributaries.¹¹
- » Alluvial deposits also provide nutrient rich agricultural soil and rural farmers depend on this for productive farms.¹¹
- » Only 22% of reclaimed mine sites are returned to agricultural use, though this definition is loose and does not mean the land becomes productive again.¹









FARMERS





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A discussion about the influence of land art traditions, their connection with colonialism, and thoughts on the future of these installations.

Kanouse, Sarah. "Critical Day Trips: Tourism and Land-Based Practice." In *Critical Landscapes: Art, Space, Politics*, edited by Emily Eliza Scott and Kristen Swenson, 43–56. Berkeley, CA: University of California Press, 2015.

An introduction to critical tours and how others have developed the tradition.

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Lippard, Lucy. Undermining: A Wild Ride Through Land Use, Politics, and Art in the Changing West. New York, NY: The New Press, 2014.

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Morris, Robert. "Notes on Art as/and Land Reclamation." October 12, no. Spring (1980): 87-102.

A meditation on extraction art and art in extracted landscapes.

Merrifield, Andy. "The Right to the City and Beyond: Notes on a Lefebvrian Reconceptualization." In *Implosions / Explosions: Towards a Study of Planetary Urbanization*, edited by Neil Brenner, 523–32. Berlin: Jovis Verlag GmbH, 2014.

A meditation on expanding urban influence over landscapes and how to form a new relationship to contributing processes.

The Center for Land Use Interpretation. "About the Center." The Center for Land Use Interpretation, https://clui.org/section/about-center.

An influential organization that organizes critical tours and documents unique landscapes.