A GRIMON EXPLORMON

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PRESENTATION SCOPE

- + Project Scope
- + Overview of what aggregates are in this research context
- + Importance of aggregate exploration
- + Gap in knowledge and addressing it
- + Critical tour overview and Precedents
- + Site Selection Reasoning
- + Tools for exploring the sites
- + Tour Overview
- + Concluding thoughts



- + Research aggregate networks in Lane County, OR
- + Development of way to reveal networks to public
- + Implementing critical tour







AGGREGATES ON TOUR

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

ACCRECATES ON TOUR

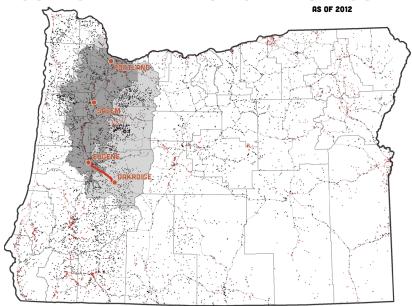
SAND AND GRAVEL AGGREGATE





- + 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

AGGREGATE EXTRACTION IN OREG



SAND AND GRAVEL HARD ROCK

ACTIVE AND INACTIVE MINES

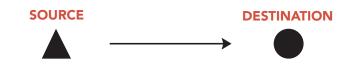


TOUR ROUTE MAP TOUR ROUTE



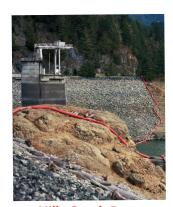


SELECTING TOUR SITES



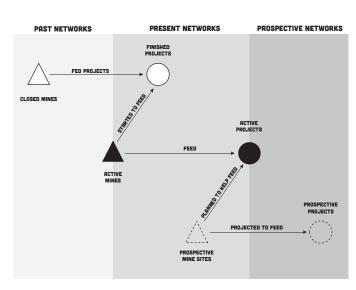


Basalt Quarry



Hills Creek Dam

SOURCE DESTINATION



IMPORTANCE

- + Extraction impacts the landscape forever
- + Aggregate is the foundation of the modern world
- + Impacts of this material use are local
- + Urban consumption has profound impacts on rural communities
- + Landscape Architecture frequently uses aggregate

GAP IN KNOWLEDGE

- + Invisibility of aggregate networks to the general public
 - + Data
 - + Locations
 - + Politics
 - + Reverberations
- + Lack of process to engage with the material network in Oregon



+ Understanding these networks through language

Project Manifestation: Narration Script

+ A critical tour to illuminate these networks and foster discussion about these networks

Project Manifestation: Guidebook

+ A tool for exploring aggregate networks in Oregon

Project Manifestation: Narrative Tools

CRITICAL TOURS - AN OVERVIEW

- + Intentionality and reflexivity distinguish critical from conventional tours
- + Intentional of the process, narrative, locations, and dissemination of information
- + Highlight unseen intersections in the landscape
- + Reveal new ways of seeing what is present instead of what to see
- + Emphasize the multiplicity of points of view
- + About value finding Rooted in cultural and institutional critique with potential for disrupting conception of reality
- + Flexibility for growth tours meant to be tweaked and experimented with

CRITICAL TOURS - PRECEDENTS

Margins in our Midst

- + Explored quarries just outside LA
- + Integrated guest speakers at each site
- + Explored other cultural sites

Silicon Monuments

- + Sites polluted by tech industries
- + "Mundane" landscapes
- + Intersections invisible to passerby



Rowell, Steve. "Tour group members spill down the Santa Fe Dam, a pile of rock built to hold back other piles of rock." The Center for Land Use Interpretation, Winter 2003, https://dui.org/newsletter/winter-2003/margins-our-midst-iourney-invindale.



Anderson, Elliot. "Silicon Monuments: The Reflecting Pool Monument." Silicon Monuments: An Augmented Reality Tour of Silicon Valley Superfund Sites, 2012, http://siliconmonuments.org/.

ACCREGATE NETWORK IN OREGON



Basalt Quarry



Hills Creek Dam

COMMON NARRATIVES IN THE NETWORK

Future Projections

Sites and entities under the prospective eye of miners and development

Material Flow

The process and manifestations of mobilizing aggregate material

Displacement

The processes of displacing entities currently inhabiting extraction sites

TOUR STIES



Basalt QuarryAbandoned Source



Hills Creek Dam
Finished Project



TV Butte
Prospective Source



Delta S+G
Active Source



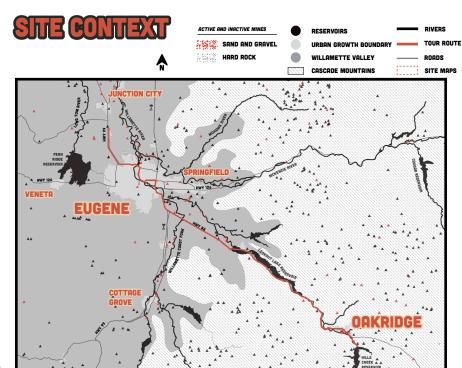
JC Ponds
Reclaimed Source



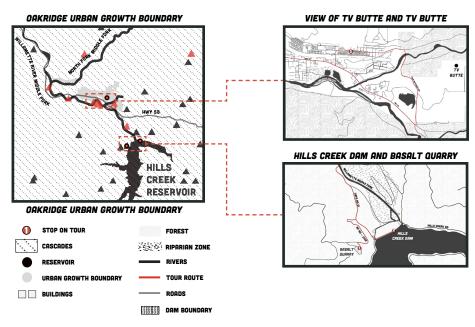
Urban Reserve
Prospective Destination



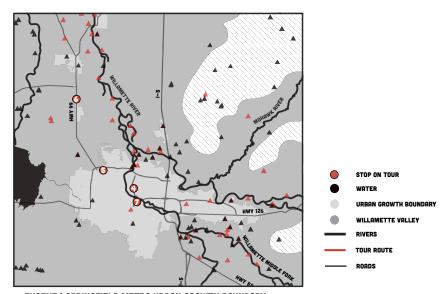
Delta Ponds Restored Source



TOUR SITES - OAKRIDGE



TOUR SITES - EUGENE



EUGENE/ SPRINGFIELD METRO URBAN GROWTH BOUNDARY

TOUR SITES - EUGENE



JUNCTION CITY PONDS PARK



URBAN RESERVES



DELTA PONDS



DELTA SAND AND GRAVEL



BUILDINGS

TOOLS TO SUPPORT SITE EXPLORATION

Guidebook



Narration

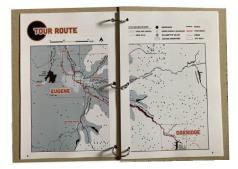


Narrative Tools



GUIDEBOOK









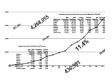
ARRATIVE TOOLS TO EXPRESS THEMES

FUTURE PROJECTION NARRATIVES









HOUSING DEVELOPMENT

URBAN RESERVES

TV BUTTE

POPULATION GROWTH

DISPLACEMENT NARRATIVES









MATERIAL FLOW NARRATIVES





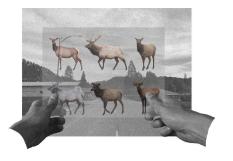




NARRATIVE TOOLS - HOW TO



ELK HERD AT TV BUTTE





AGGREGATE TRUCKS OVERLAID



HOW IT ALL CAME TOGETHER



HOW IT ALL CAME TOGETHER



Basalt Quarry

Hills Creek Dam

Fish Hatchery



Tv Butte

Urban Reserve

Delta Ponds

HOW IT ALL CAME TOGETHER



Sheep at the Urban Reserve



Explosives at Basalt Quarry



Logging Trucks at Basalt Quarry



- + Site exploration reveals new questions about network
- + The more voices present, the more dynamic the network becomes
- + Reverberations of the network become apparent as we intentionally travel with it
- + The material network, and its reverberations, need facilitation to be revealed



- + The tour is fluid as designed
- + Incorporating more guest speakers will add value
- + Tour can be more focused within network
- + Easily replicated for specific or more general groups
- + Applicable to other material networks
- + A web application could facilitate asynchronous tours

