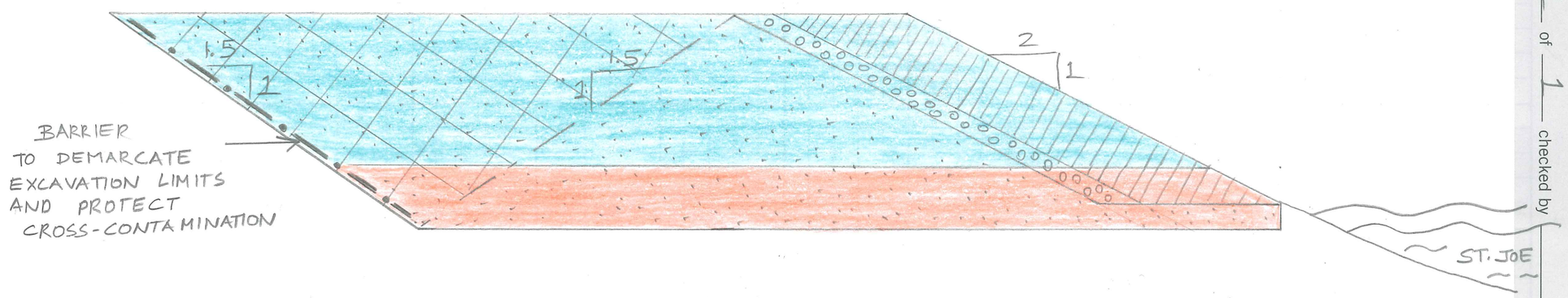
GEOENGINEERS
Earth Science + Technology

POTLATCH BEACH AREA CLEANUP QUANTITIES

VOLUME CALCULATIONS

OVERBURDEN SOIL/CRUSHED ROCK = 104,850 ft^3
CONTAMINATED SOIL/CRUSHED ROCK = 49,650 ft^3
CLEAN RIPRAP = 44,550 ft^3
CONTAMINATED RIPRAP = 10,725 ft^3



LEGEND

- SOIL
- CRUSHED ROCK
- RIPRAP
- CLEAN MATERIAL
- CONTAMINATED MATERIAL
- REGION THAT WILL BE RE-EXCAVATED

ASSUMPTIONS:

~150 FEET OF POTLATCH BEACH CLEANUP ALONG ST. JOE RIVER
2H:1V EXISTING RIPRAP SLOPE
1.5H:1V SLOPE AT WHICH EXISTING SOIL WILL BE EXCAVATED BEHIND THE RIPRAP

SCALE:

1 inch = 10 feet

project AVERY LANDING SITE, ID
by AJ date 04/26/12 sheet 1 of 1 checked by
project no. 2315-016-01