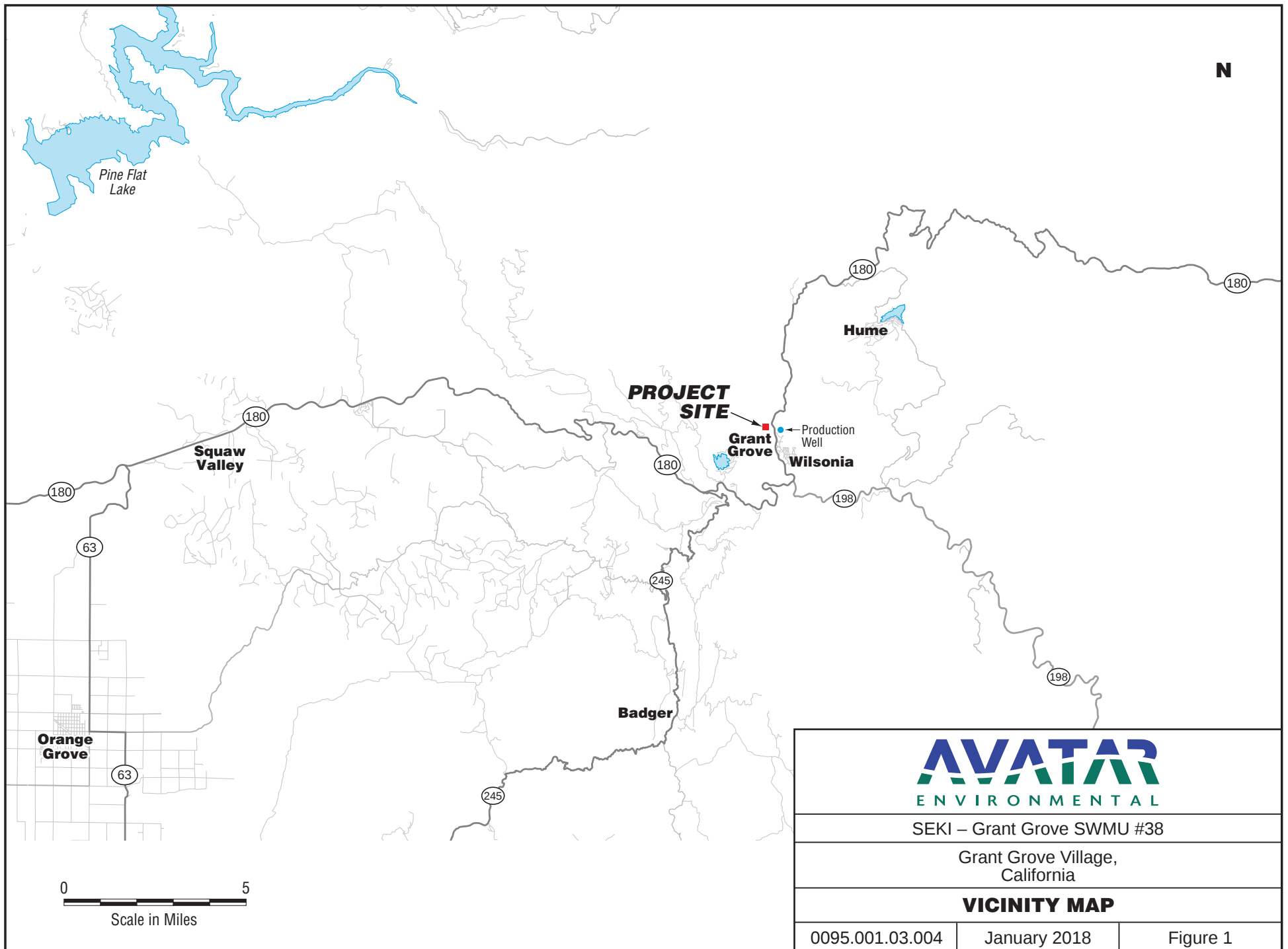
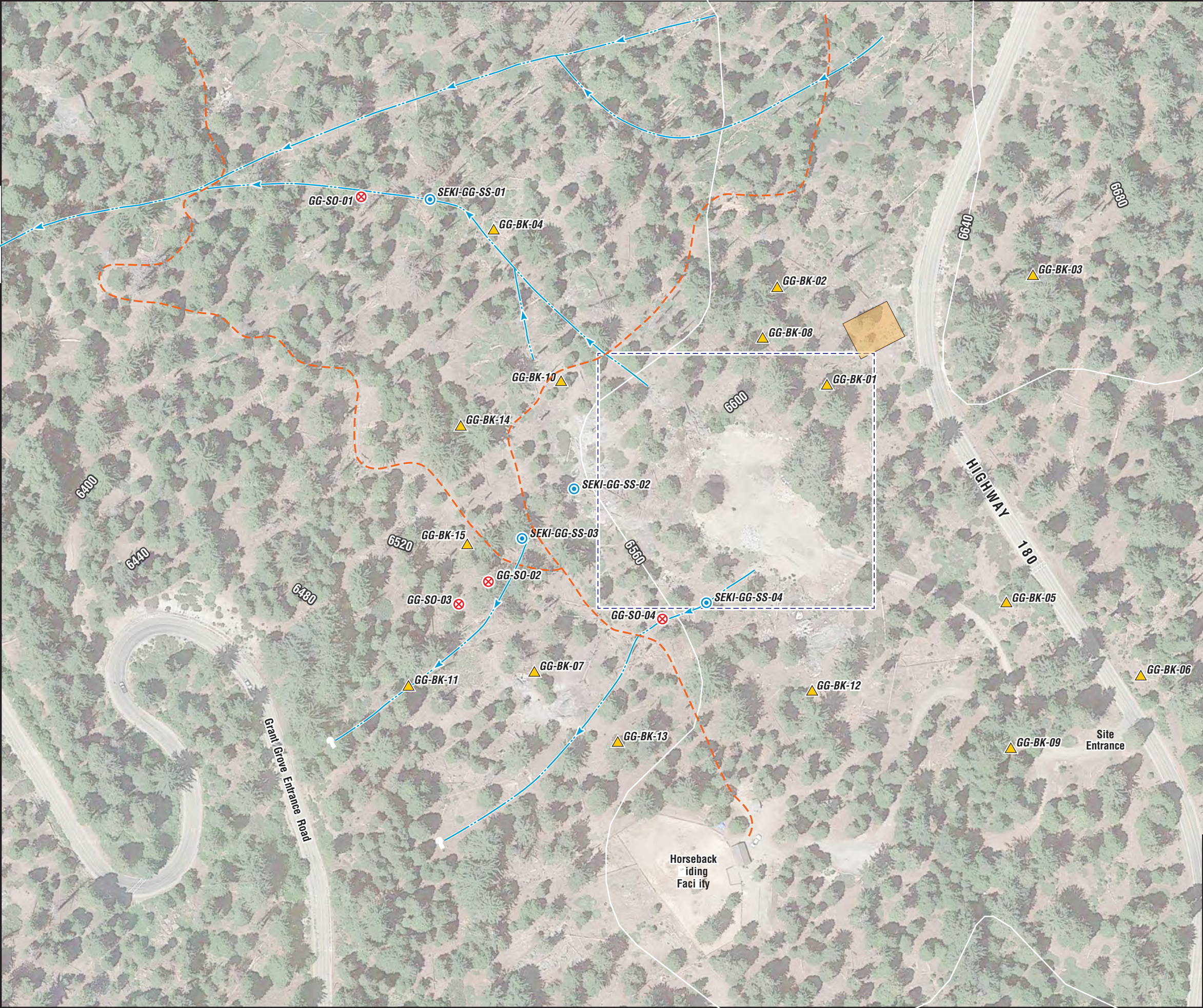


FIGURES



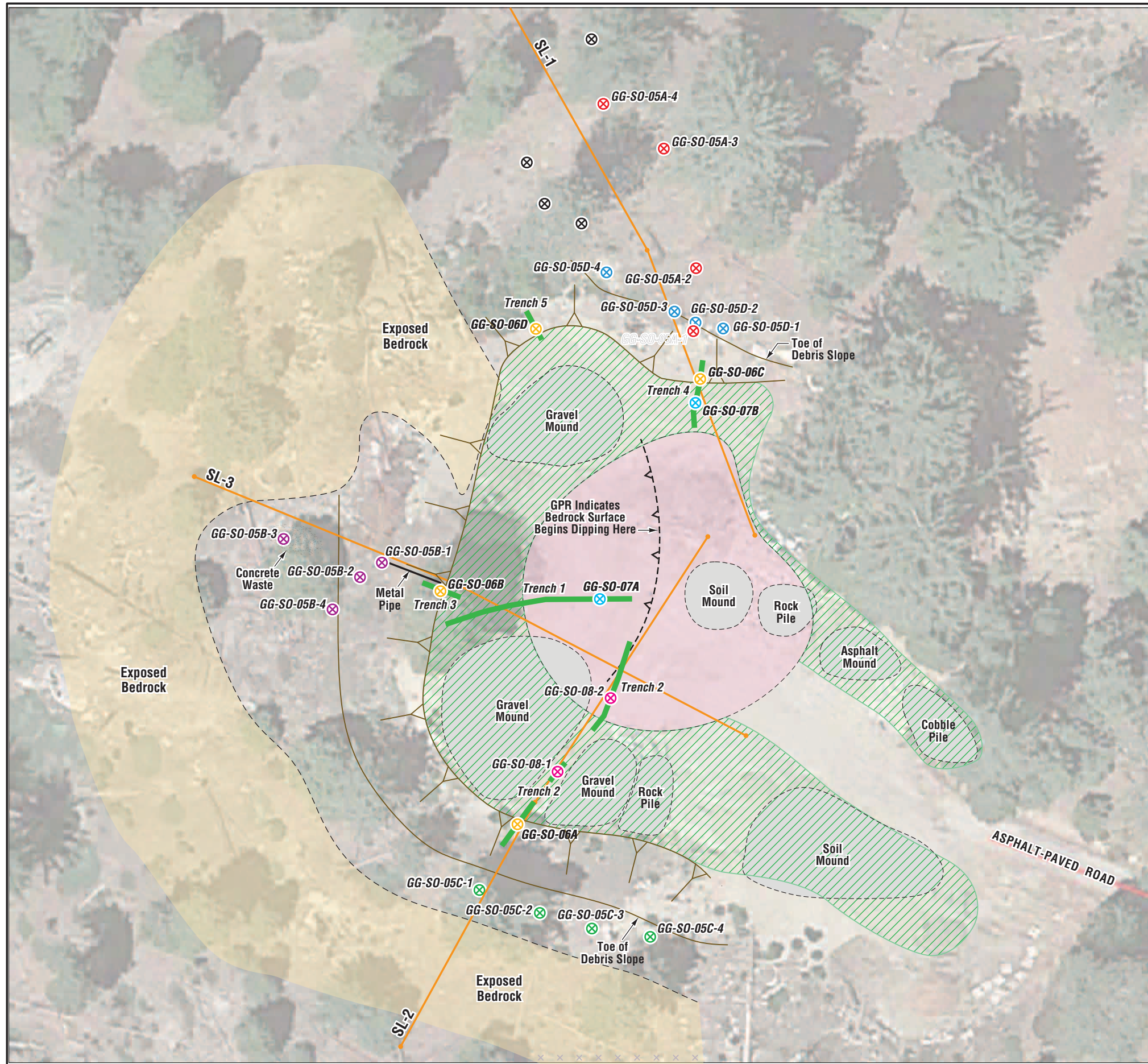


LEGEND:

- Approximate Soil Sample Location (EECA, August 2016)
- Site Inspection Report Soil Sample Location (Environmental Cost Management, Inc., June 2015)
- Approximate Background Sample Location (EECA, July 2017)
- Dry Stream Channel
- Horse Trail
- Approximate Location of 2016 SI Soil Background Sample Locations (Decision Unit 3)
- Former Burn Dump (See Site Plan, Figure 3)



SEKI – Grant Grove SWMU #38		
Grant Grove Village, California		
SI and EECA Soil Sample Locations		
0095.001.03.004	April 2018	Figure 2



- LEGEND:
- SL-1** — AGS Seismic Line
 - Approximate Trench Location
 - Exposed Bedrock
 - Approximate Burn "Pit" Area
 - Construction Material Staging Area
 - Waste Debris Slope
-
- GG-SO-05A-1** 1 of 4-Point Soil Composite GG-SO-05
 - GG-SO-05B-1** 2 of 4-Point Soil Composite GG-SO-05
 - GG-SO-05C-1** 3 of 4-Point Soil Composite GG-SO-05
 - GG-SO-05D-1** 4 of 4-Point Soil Composite GG-SO-05
 - GG-SO-06A/B/C/D** 1 of 4-Point Soil Composite GG-SO-06
 - GG-SO-07A/B** 1 of 2-Point Soil Composite GG-SO-07
 - GG-SO-08** 1 of 2-Point Filed Soil Composite
 - ⊗ No Debris Observed, Sample Not Collected



		
SEKI – Grant Grove SWMU #38		
Grant Grove Village, California		
SITE PLAN		
0095.001.03.004	January 2018	Figure 3

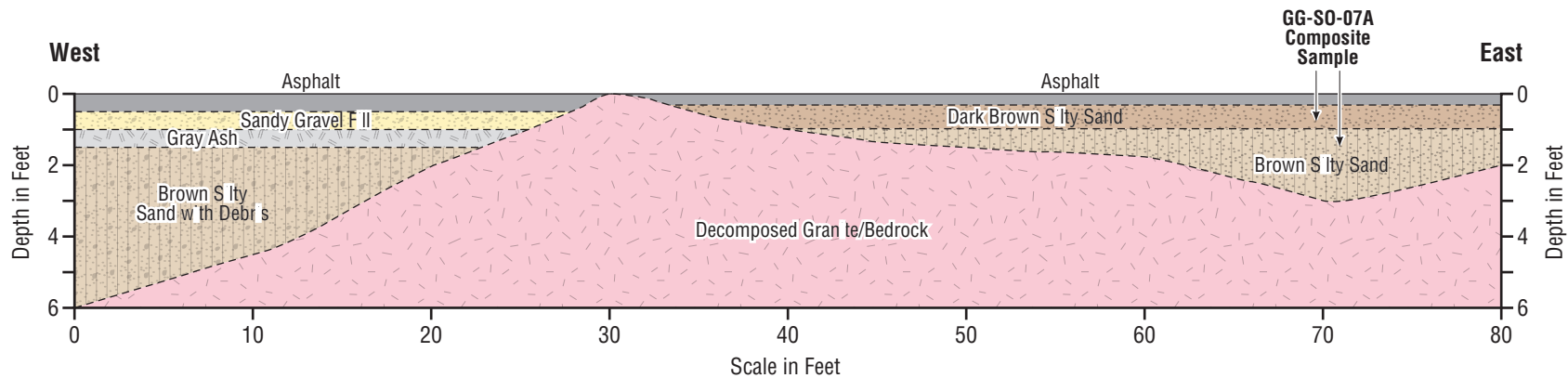
Ref: AGS, 9/26/15

West

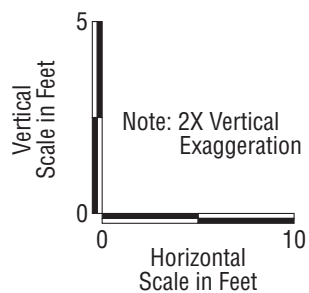
East



PLAN VIEW



CROSS-SECTION



SEKI – Grant Grove SWMU #38

Grant Grove Village,
California

Trench T1 – Plan View and Cross-Section

0095.001.03.004

January 2018

Figure 5

South

North

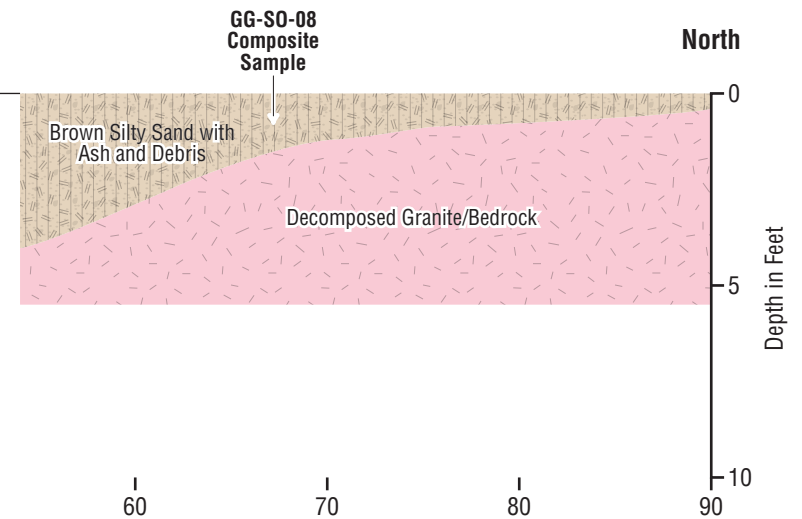
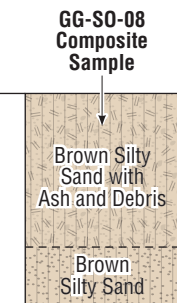
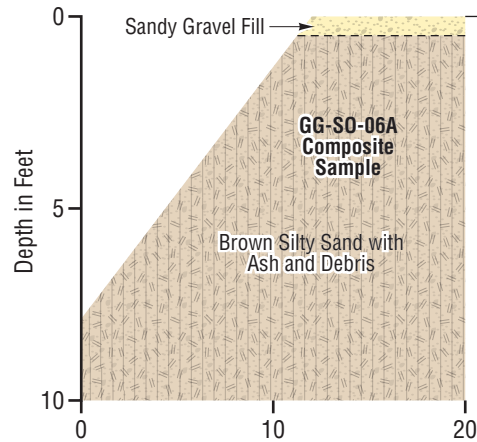


PLAN VIEW



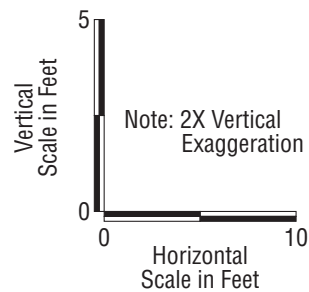
South

North



Scale in Feet

CROSS-SECTION



SEKI – Grant Grove SWMU #38

Grant Grove Village,
California

Trench T2 – Plan View and Cross-Section

0095.001.03.004

January 2018

Figure 6

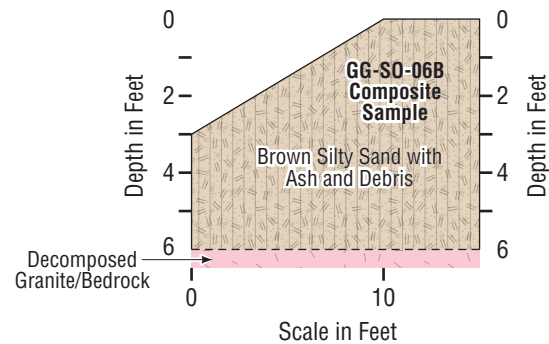
West East



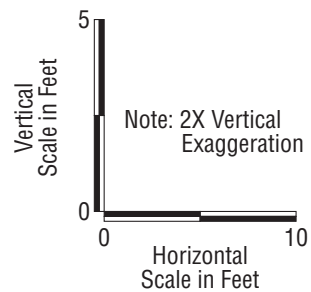
PLAN VIEW



West East



CROSS-SECTION



SEKI – Grant Grove SWMU #38

Grant Grove Village,
California

Trench T3 – Plan View and Cross-Section

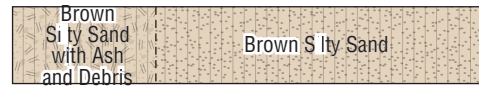
0095.001.03.004

January 2018

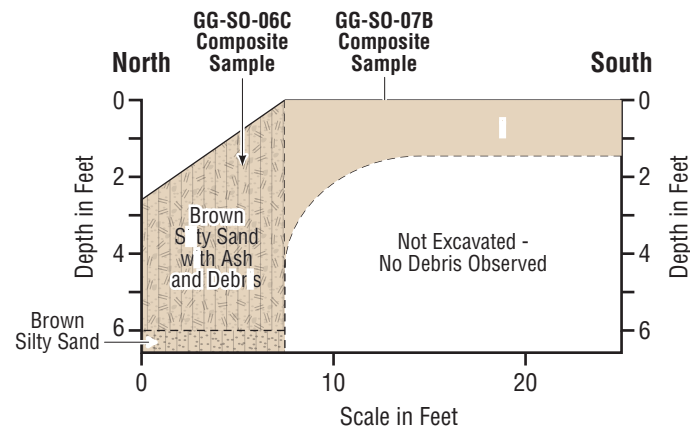
Figure 7

North

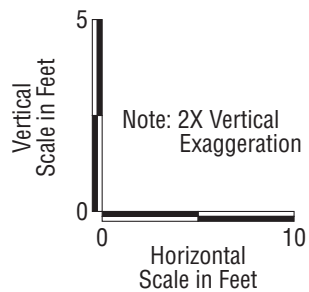
South



PLAN VIEW



CROSS-SECTION



SEKI – Grant Grove SWMU #38

Grant Grove Village,
California

Trench T4 – Plan View and Cross-Section

0095.001.03.004

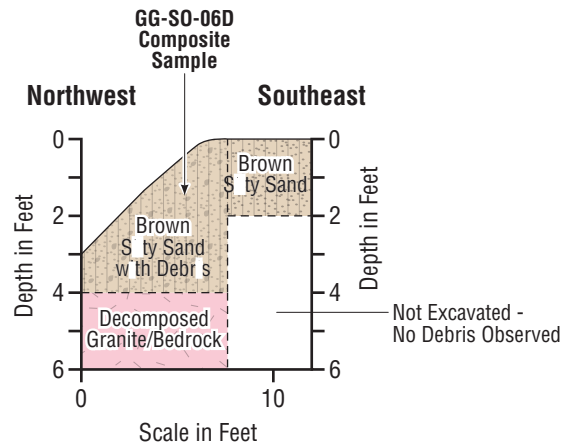
January 2018

Figure 8

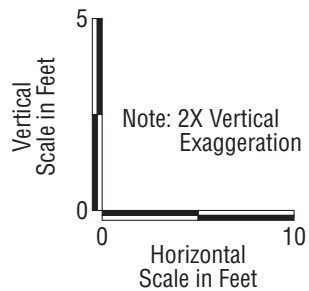
Northwest Southeast



PLAN VIEW



CROSS-SECTION



SEKI – Grant Grove SWMU #38

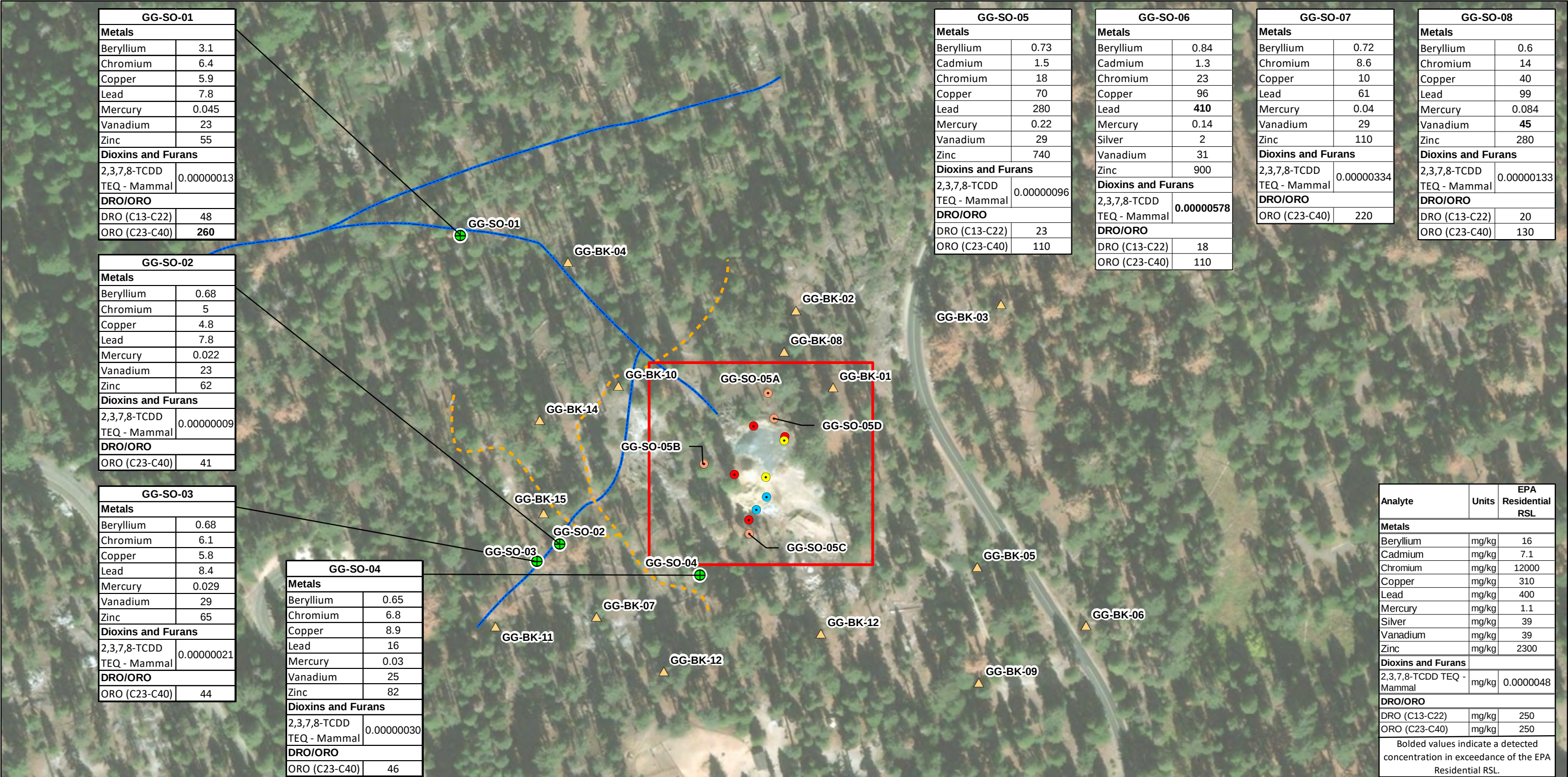
Grant Grove Village,
California

Trench T5 – Plan View and Cross-Section

0095.001.03.004

January 2018

Figure 9



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Horse Trail
- Dry Stream Channel
- Former Burn Dump
- ⊕ Discrete Sampling Location
- ▲ Background Sampling Location

Composite Sample

- GG-SO-5
- GG-SO-6
- GG-SO-7
- GG-SO-8

Note:
All units are reported in mg/kg.

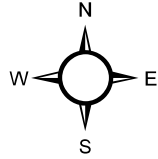
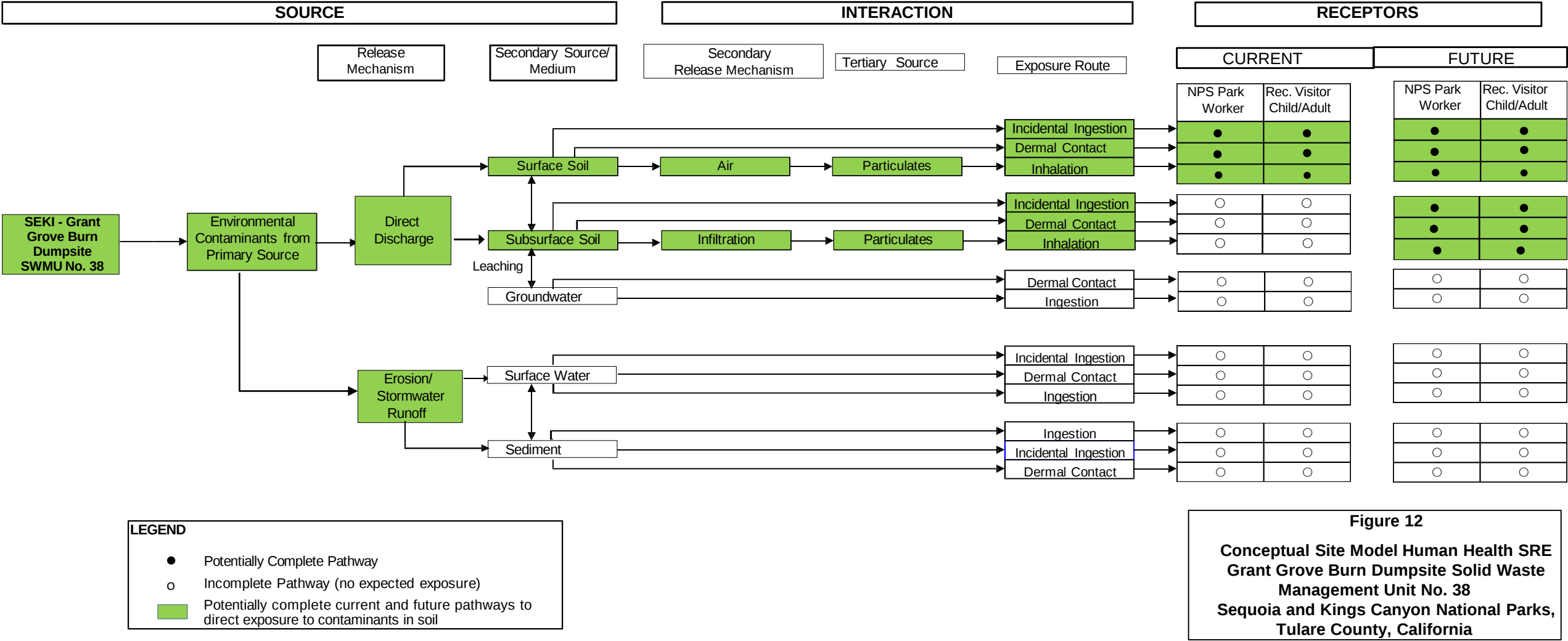
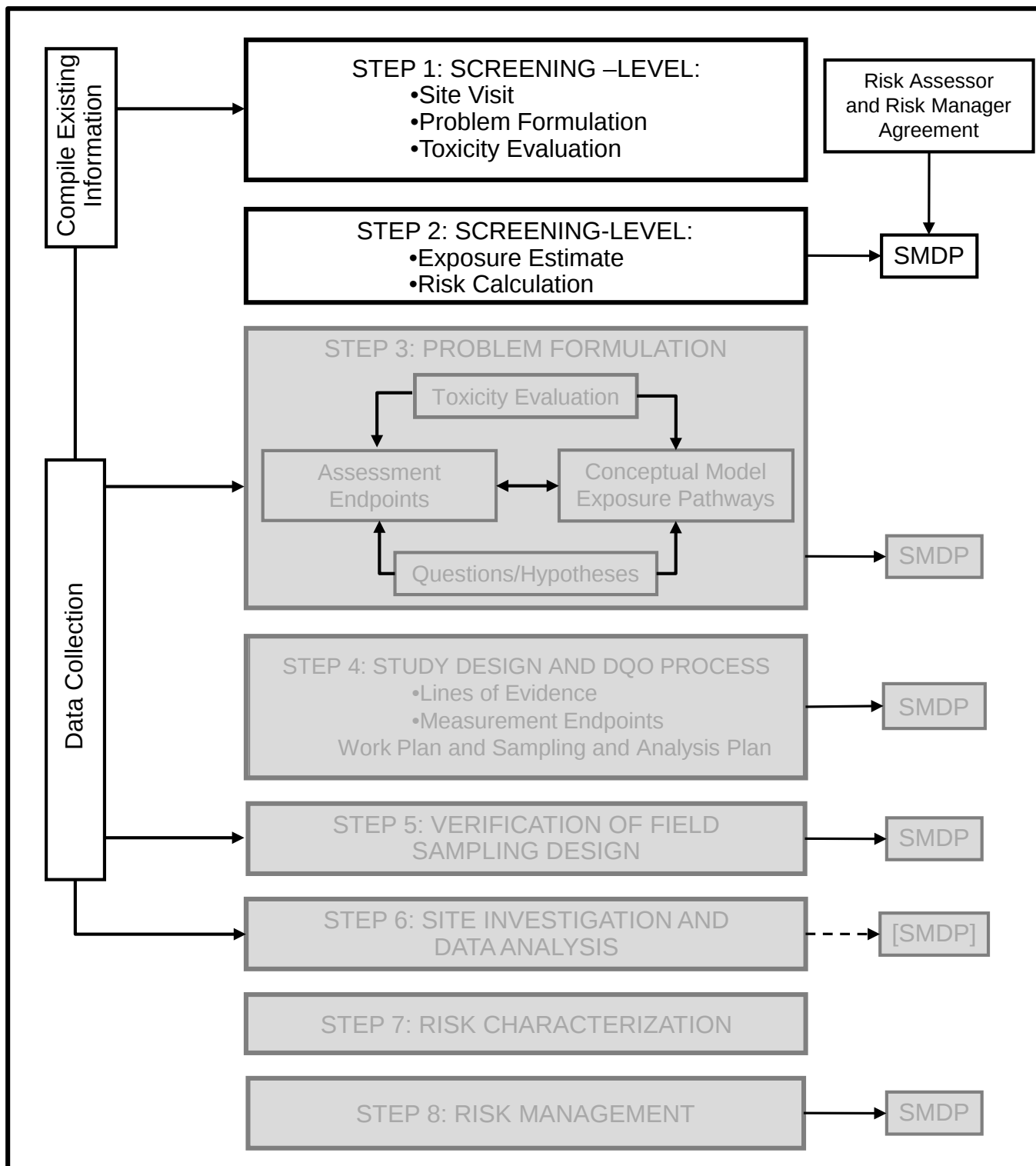


FIGURE 11

**SUMMARY OF HUMAN HEALTH SOIL SAMPLE
DETECTIONS AND EXCEEDANCES
SEKI - GRANT GROVE SWMU #38
GRANT GROVE VILLAGE, CALIFORNIA**







Legend:

SMDP - Scientific/management decision point

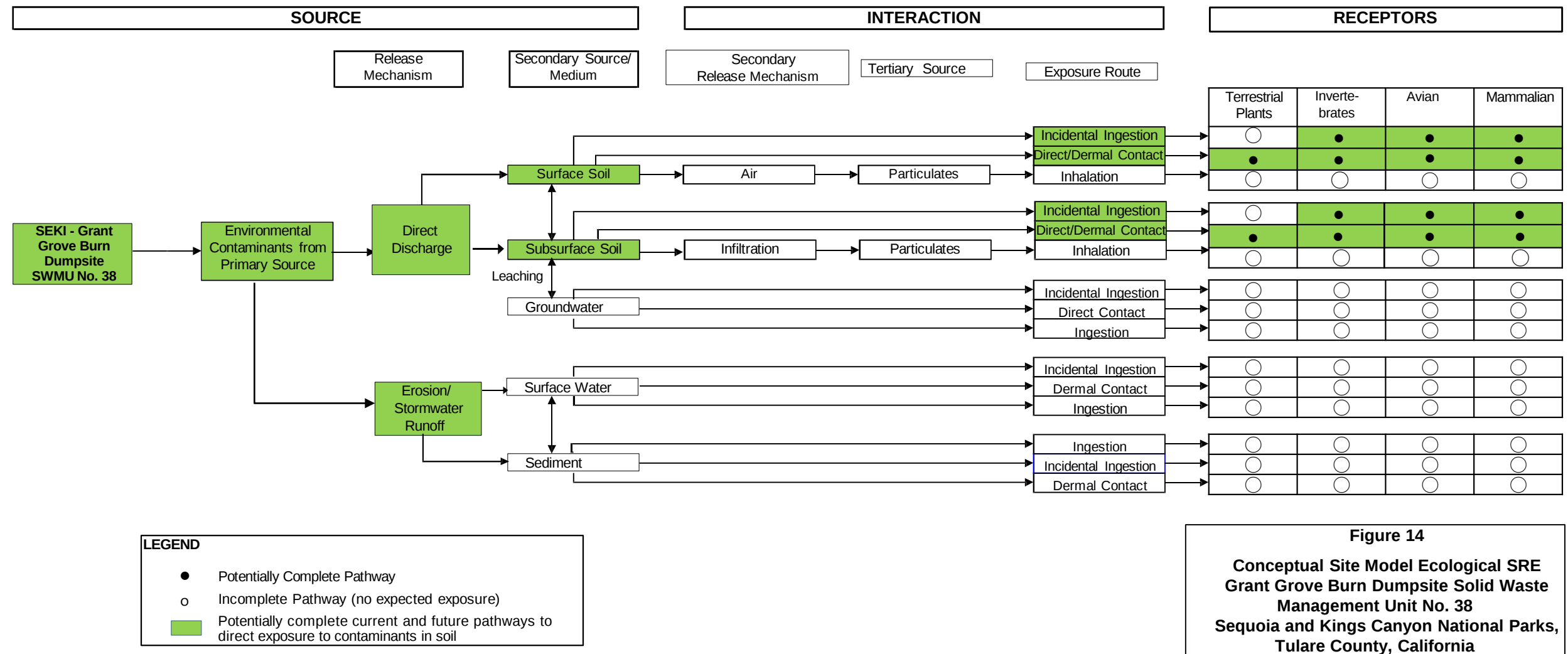
[SMDP] - only if change to the sampling and analysis plan is necessary

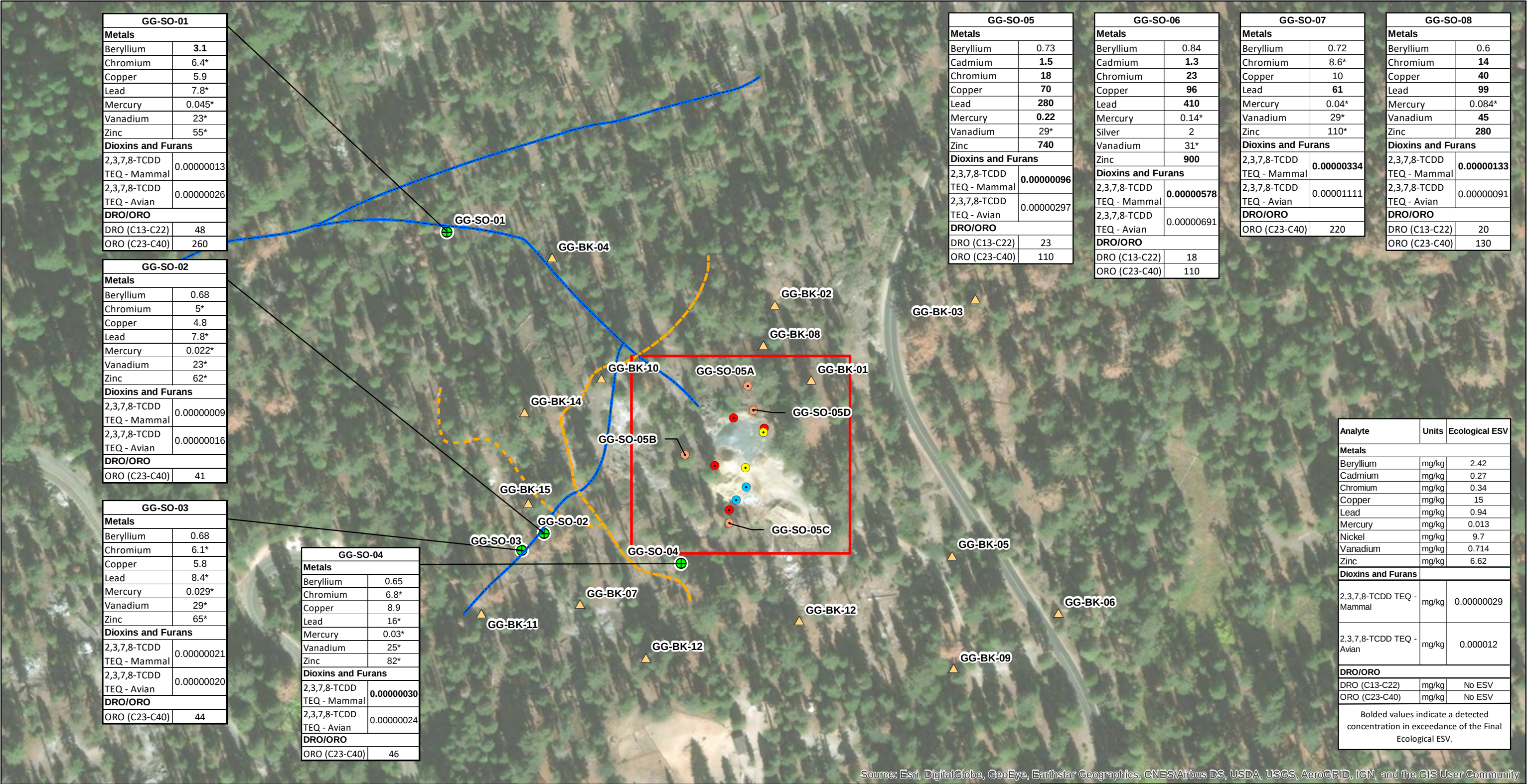
Source: EPA (U.S. Environmental Protection Agency), Environmental Response Team. 1997. *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*. Interim Final. EPA 540-R-97-006.

Grant Grove Burn Dumpsite
Solid Waste Management Unit No. 38
Sequoia and Kings Canyon National Parks
Fresno County, California

FIGURE 13

GENERIC EIGHT-STEP ECOLOGICAL RISK
ASSESSMENT PROCESS FOR SUPERFUND





Legend

Horse Trail

Dry Stream Channel

Former Burn Dump

Discrete Sampling Location

Background Sampling Location

Composite Sample

GG-SO-5

GG-SO-6

GG-SO-7

GG-SO-8

Note:

1) All units are reported in mg/kg.

2) * Indicates sample concentrations less than background BTV and therefore not bolded

FIGURE 15

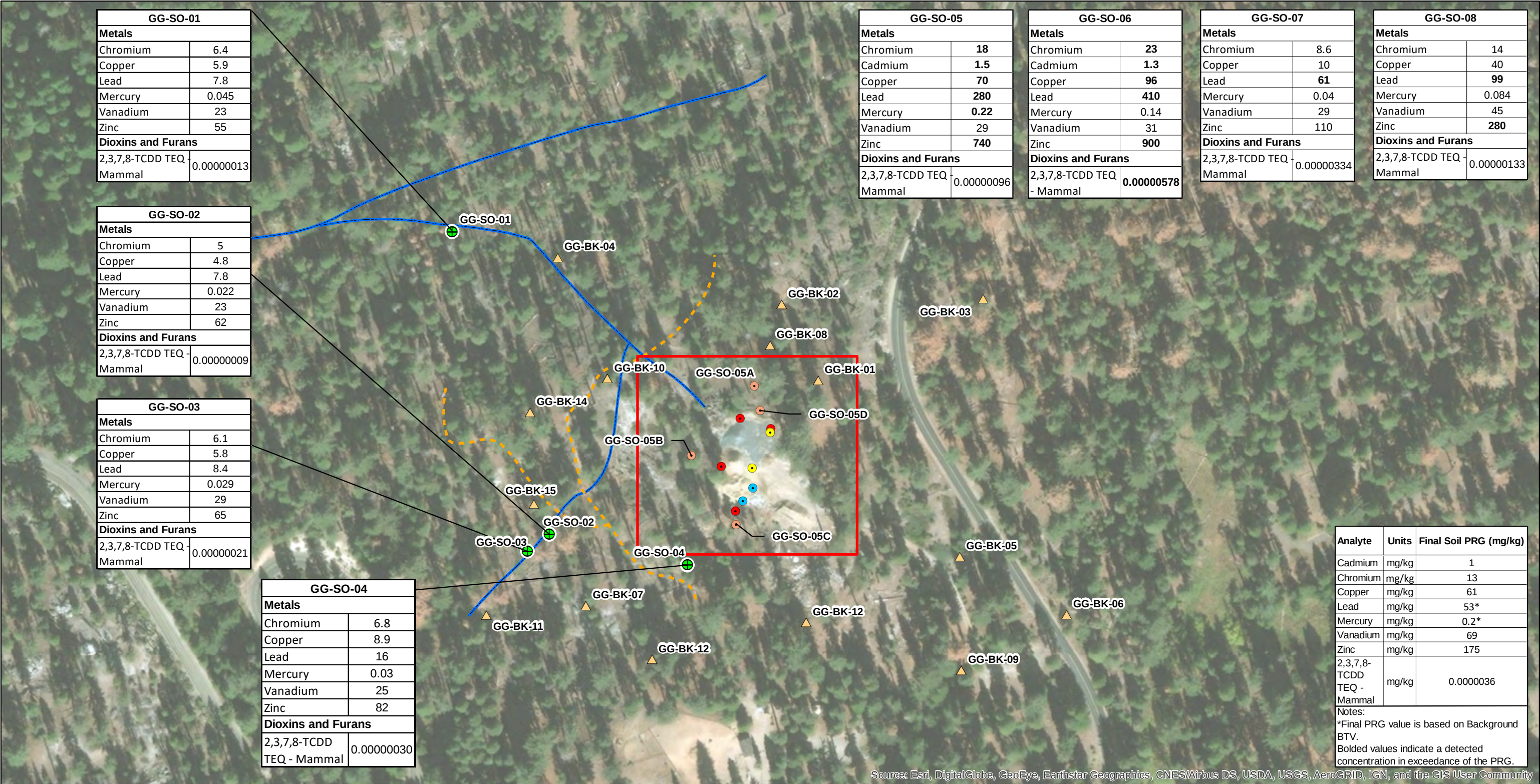
SUMMARY OF ECOLOGICAL SOIL SAMPLE DETECTIONS AND EXCEEDANCES

SEKI - GRANT GROVE SWMU #38

GRANT GROVE VILLAGE, CALIFORNIA

AVATAR

ENVIRONMENTAL



Legend

- Horse Trail
- Dry Stream Channel
- Former Burn Dump
- Discrete Sampling Location
- Background Sampling Location

Composite Sample

- GG-SO-5
- GG-SO-6
- GG-SO-7
- GG-SO-8

Note:
All units are reported in mg/kg.

250 125 0 250 500 Feet

FIGURE 16

SUMMARY OF ECOLOGICAL-PRG SOIL SAMPLE DETECTIONS AND EXCEEDANCES

SEKI - GRANT GROVE SWMU #38

GRANT GROVE VILLAGE, CALIFORNIA

AVATAR ENVIRONMENTAL

