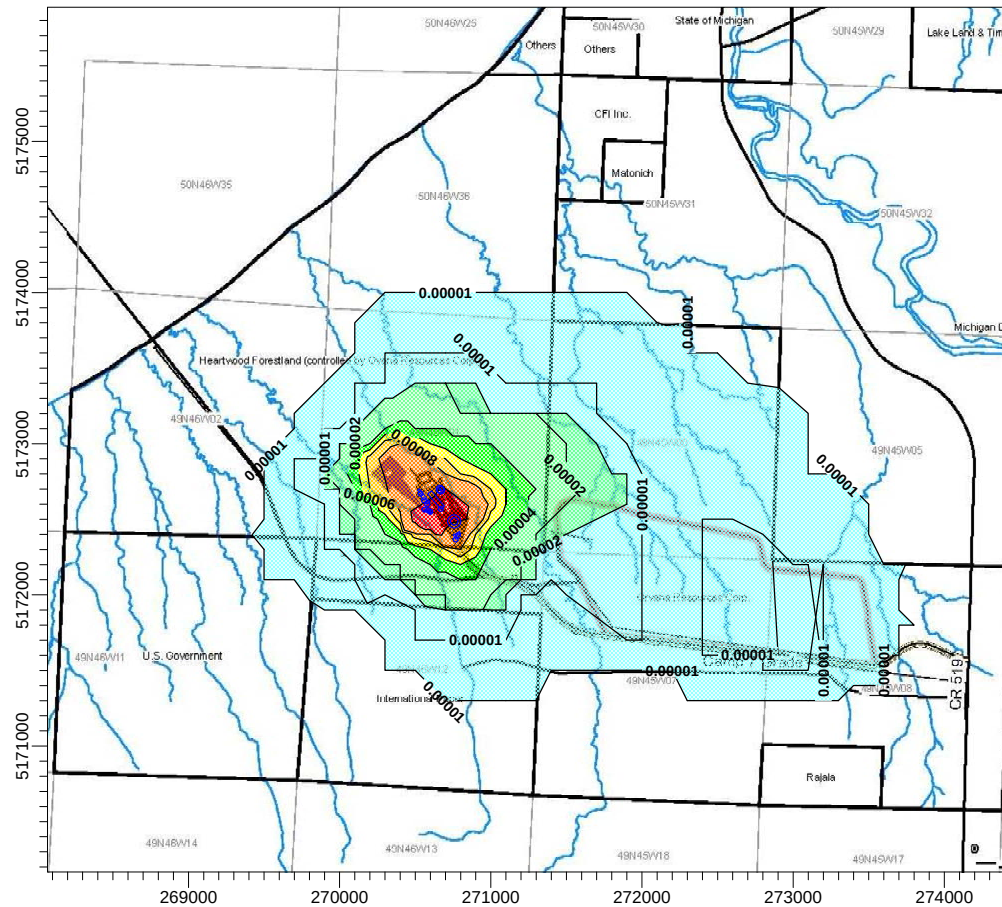
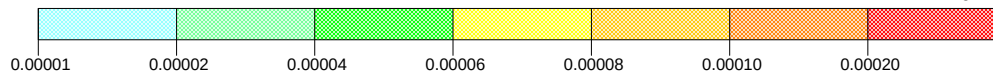


PROJECT TITLE:
Orvana Resource US Corp.
Copper Deposition - Annual Average



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

g/m²



COMMENTS:

Deposition units are g/m².

NO. OF SOURCES:

75

NO. OF RECEPTORS

612

OUTPUT:

Total Depos.

MAX. DEPOSITION:

0.00048 g/m²

SCALE:

1:39,000

0 1 km

DATE:

8/18/2011

FIGURE NO.:

Figure 1

ISC-AERMOD View - Lakes Environmental Software

AECOM

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**AVERAGE ANNUAL COPPER DEPOSITION
 FROM AIRBORNE SOURCES
 ORVANA RESOURCES US CORP.
 COPPERWOOD PROJECT
 GOGEBIC COUNTY, MICHIGAN**

Drawn: ARB 8/17/2011

Approved: ARB 8/17/2011

Scale: AS SHOWN

PROJECT
 NUMBER 60179066

FIGURE
 NUMBER 202.4.2-1