

I. CONTENTS

FILES IN DIRECTORY:

INVERTED AIRBORNE ELECTROMAGNETIC (AEM) SECTION DATA:

SanLuisAEM_30InvLCI.XYZ Fully processed, 30-Hz noise corrected, laterally constrained inverted section data

SanLuisAEM_19InvSCI.XYZ Fully processed, 30-Hz noise culled, spatially constrained inverted section data

COORDINATE SYSTEM:

HORIZONTAL:

Universal Transverse Mercator (UTM) projection

Zone 13 North (13N)

World Geodetic System of 1984 (WGS84)

VERTICAL:

North American Vertical Datum of 1988 (NAVD88) unless otherwise noted

II. DATABASE FORMAT

SanLuisAEM_30InvLCI.XYZ channel description:

FID	Unique fiducial number	-
LINE	Line number	-
E	X coordinate, UTM Zone 13N	Meters
N	Y coordinate, UTM Zone 13N	Meters
DEM	Digital Elevation Model	Meters
ALT	Filtered height of sensor above ground	Meters
RES[i]	Inverted resistivity of model layer i	Ohm-meters
RES_STD[i]	Relative uncertainty of model layer i	-
DEP_TOP[i]	Top depth of model layer i	Meters
DEP_BOT[i]	Bottom depth of model layer i	Meters
DOI	Calculated depth of investigation below ground	Meters
RESI1	Data residual	-

SanLuisAEM_19InvSCI.XYZ channel description:

FID	Unique fiducial number	-
LINE	Line number	-
E	X coordinate, UTM Zone 13N	Meters
N	Y coordinate, UTM Zone 13N	Meters
DEM	Digital Elevation Model	Meters
ALT	Filtered height of sensor above ground	Meters
INVALT	Inverted sensor height	Meters
INVALT_STD	Relative uncertainty of inverted sensor height	-
NUMDATA	Number of inverted time gates	-
RES[i]	Resistivity of model layer i	Ohm-meters
RES_STD[i]	Relative uncertainty of model layer i	-
DEP_TOP[i]	Top depth of model layer i	Meters
DEP_BOT[i]	Bottom depth of model layer i	Meters
DOI	Calculated depth of investigation below ground	Meters
RESDATA	Data residual	-
RESTOTAL	Weighted sum of data and model residuals	-

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