

ENERGY METALS LTD.

BIGRLYI PROJECT

SUPPORTING INFORMATION FOR SUPERIOR MINING CORPORATION INC. – ROSS PROJECT – AIRBORNE GEOPHYSICAL INTERPRETATION

SOFTWARE FORMAT: MapInfo (8.5) Layers organised in a workspace (.WOR)

PROJECTION: DATUM: GDA94

ELLIPSOID: GRS80

GRID: MGA Zone 52S

SCALE: 1: 100, 000 (3 maps)

REQUIREMENTS: Memory - 2 MB of free space

The files have been deflated for easier transportation (EnergyMetals_BigrlyiMapInfo.zip). Use WinZip or pkunzip to inflate, preserving the directory pathing. **The MapInfo project is dependent on the path to the files.**

Mappers and layouts have been created to organise the layers in the best viewing order. The workspace need only be opened as mappers and layouts are already set up. The workspace is named: **EnergyMetals_Bigrlyi_100k.WOR** and can be found within the Mapinfo directory.

File naming may appear a little confusing therefore the file name and its description (Layers name) is as follows.

AIRBORNE GEOPHYSICAL INTERPRETATION

MapInfo Layer

Description

Annotation	Annotations for Bigrlyi project.
Blanking_Window_Sht1	Map blanking window for sheet one of Bigrlyi project.
Blanking_Window_Sht2	Map blanking window for sheet two of Bigrlyi project.
Blanking_Window_Sht3	Map blanking window for sheet three of Bigrlyi project.
Border_Bigrlyi100k_Sht1	Map border for sheet one of Bigrlyi project.
Border_Bigrlyi100k_Sht2	Map border for sheet two of Bigrlyi project.
Border_Bigrlyi100k_Sht3	Map border for sheet three of Bigrlyi project.
CarbEclpSstone	Carboniferous. Eclipse Sandstone. Sandstones, conglomerates, greywackes etc. Part from published mapping.
Copper	Copper mineral occurrences.
Drainage	Magnetic or radiogenic drainage, laterite, sheetwash
Fold_Axes	Inferred fold axes [antiformal or synformal]. Partly from published mapping
Frac_zone	Inferred mylonite, fracture or alteration zone
Frac_zone_poly	Inferred mylonite, fracture or alteration zone
GranIntru_Depth	Inferred granitic intrusive at depth or intermixed metamorphics and granitoids. Mid Proterozoic.

Iso_Mag	Isolated magnetic feature: noise, culture, possible intrusive or alteration
Lead	Lead mineral occurrences.
Legend	Map legend for Bigrlyi project.
Logo	SGC logo
MagAdelNeo	Magnetic units/stratigraphy within the Adelaidian/Neoproterozoic sediments. Includes Vaughan Springs Quartzite and Mt. Doreen Fm.
Mag_contact	Magnetic contact
Mag_Intr	Inferred major fault or fracture zone. Hatching indicates inferred dip direction
Mag_trend	Magnetic trend or minor magnetic unit. Stratigraphy or drainage
Maj_fault	Inferred major fault or fracture zone. Hatching indicates inferred dip direction
MgBase_BelowSed	Magnetic basement at depth below Palaeozoic sediments
MgCamb	Magnetic units/stratigraphy within the Cambrian \pm Ordovician sediments. Mostly under Cainozoic cover.
MgCarbEclpSstone	Magnetic units/stratigraphy within the Carboniferous. Eclipse Sandstone. Mostly under Cainozoic cover.
Min_fault	Inferred minor fault or fracture zone
ModMgGranIntr	Inferred moderately magnetic, granitoids, predominantly intrusive. May contain substantial gneissic-metamorphic component. Mid Proterozoic.
ModMgProtero	Moderately magnetic 'stratigraphic' horizon within the lower-mid Proterozoic basement.
NonMg_Intr	Inferred, late, non-magnetic intrusive or alteration
Norm_Dyke	Normally magnetized dyke \pm fracture zone
Rad_Anom	Anomalous or elevated uranium channel radiometric anomalies
Rad_contact	Radiometric contact.
Rad_trend	Radiometric trend or minor magnetic unit. Stratigraphy or drainage
Rev_Dyke	Reversely or weakly magnetized dyke \pm fracture zone
Sec_fault	Inferred secondary fault or fracture zone
Sheet1_Layout	Bigrlyi sheet layout 1 of 3
Sheet2_Layout	Bigrlyi sheet layout 2 of 3
Sheet3_Layout	
Strat_trend	Stratigraphic trend/unit in Palaeozoic sediments.
StrMgProtero	Strongly magnetic 'stratigraphic' horizon within the lower-mid Proterozoic basement.
Tenements	Tenements within Bigrlyi project map sheets.
Uncomformity	Unconformity
UndifAdelNeo	Undifferentiated Adelaidian/Neoproterozoic sediments. Includes Vaughan Springs Quartzite and Mt. Doreen Fm.
UndifCamb	Undifferentiated Devonian \pm Ordovician sediments
UndifDevon	Undifferentiated Devonian \pm Ordovician sediments
UndifPalaSed	Undifferentiated Palaeozoic sediments. Mostly under Cainozoic cover
Uranium	Uranium mineral occurrences.
WkMgProtero	Weakly magnetic 'stratigraphic' horizon within the lower-mid Proterozoic basement. Includes xenoliths in granitoids.
WkMod_Protero	Undifferentiated, weakly to moderately magnetic mid to lower Proterozoic basement metamorphics and granitoids.
WkNonMgProtero	Undifferentiated, weakly to non magnetic mid to lower Proterozoic basement metamorphics and granitoids.
Wk_NonMgGranIntr	Inferred weakly to non-magnetic, granitic intrusive. May contain substantial gneissic-metamorphic component. Mid Proterozoic.

You may come across some problems with the symbol types used. If you do not have the same symbol sets, please choose a relevant symbol for that layer.

If you have any enquiries relating to this data, please contact:

Liz Pugsley

Southern Geoscience Consultants:

Telephone: +61 8 9316 2074

Fax: +61 8 9316 1624

E-mail: liz@sgc.com.au

CO-ORDINATE SYSTEM

- *GDA 94*
- *MGA Zone 52*
- *Southern Hemisphere*

PROCESSING DETAILS

- *2 Mb*
- *28 October 2008*
- *SGC*

