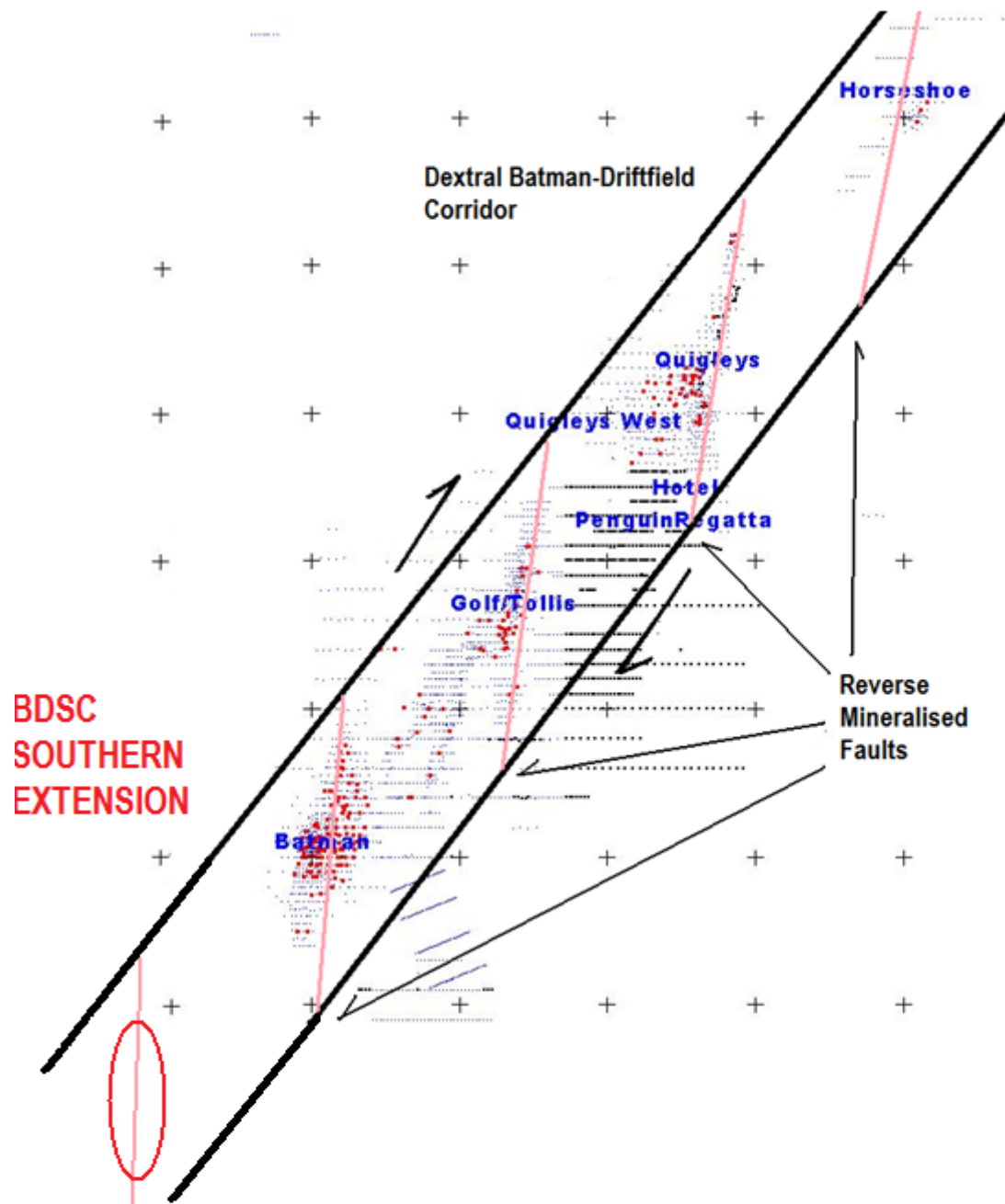
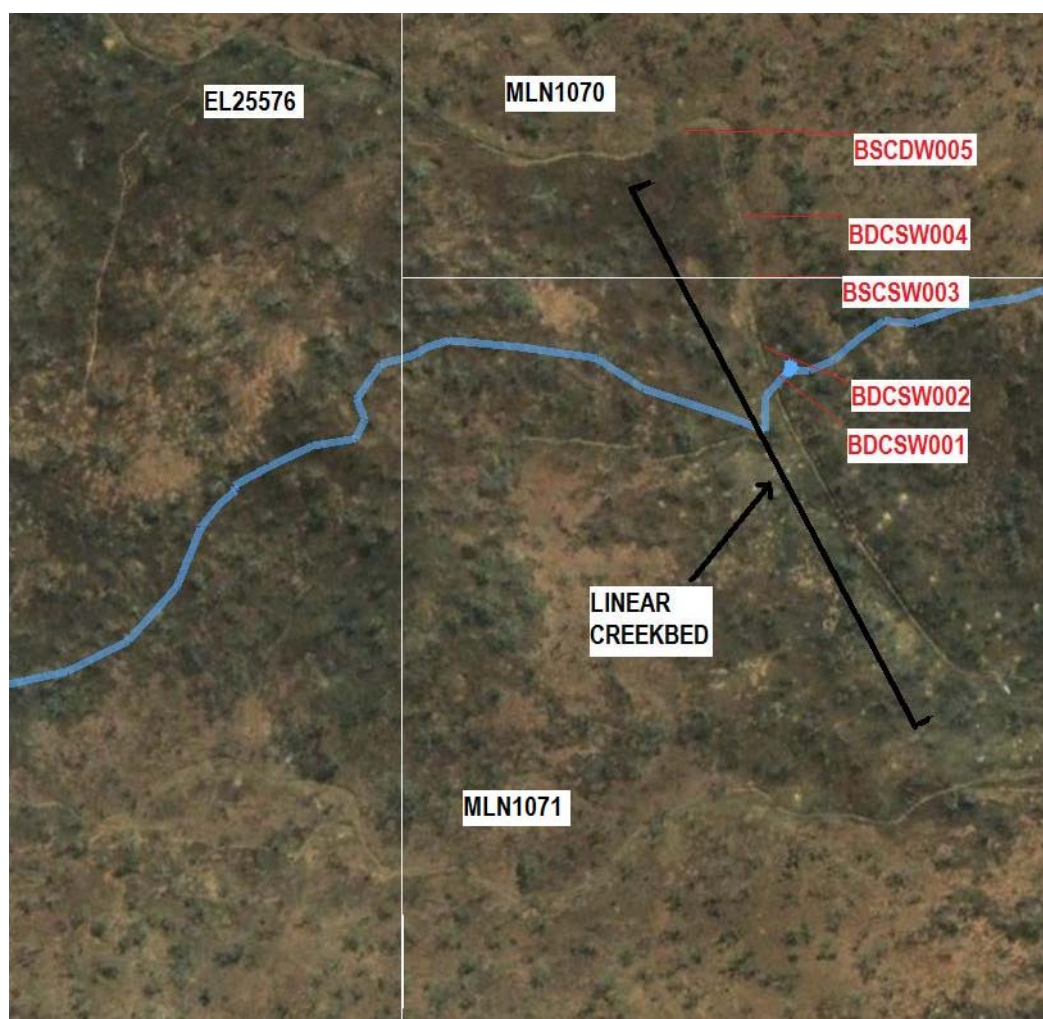


Appendix 1

RECONNAISSANCE MAPPING OF BSDC TARGET

Reconnaissance mapping and sampling was carried out on the Southern target outlined in the "Structural and geological analysis of Mt Todd district", Dr Eric P. Nelson 2007. The target zone rests 80% within MLN1070 that hosts the Batman pit. The target is within the Batman-Driftfield structural corridor is considered a high-priority grass roots target.





BDCSW001

Location: 0185375mE 8433951mN
Outcrop type: Subcropping float(?) in creekbed
Lithology: Siltstone, highly silicified, exhibits conchoidal fracture.
Vein Density: 1 per 10 cm
Vein Orientation: strikes N/S dip vertical
Vein mineralogy: **Muscovite, Qtz Minor FeOX**



A highly silicified siltstone with good vein density, although the veins are only small, FeOx is exhibited within the veins and the intense silica alteration could explain the very steep local topography.

BDCSW002

Location: 0185383mE 8433963mN (~10m North of 001)
Outcrop type: Outcrop
Lithology: Siltstone, highly silicified, exhibits concoidal fracture.
Vein Density: 1 per 10 cm
Vein Orientation: strikes N/S dip vertical
Vein mineralogy: **Muscovite, Qtz Minor silver Sulphide Arsenopyrite(?)Minor FeOX**



Very similar to BDCSW001, however very small xcls of a silver sulphide can be seen in the veins, possibly Arsenopyrite or marcasite.

BDCSW003

Location: 0185378mE 8433943mN (~30m North West of 001)
Outcrop type: Outcrop, bedding dips @70/270
Lithology: Highly oxidized greywake.
Vein Density: -
Vein Orientation: strikes N/S dip vertical
Vein mineralogy: **Qtz Minor silver Sulphide Arsenopyrite(?)Minor FeOX**

Shows interbedding of silts/greywackes, similar to lithologies seen in the Batman pit.

BDCSW004

Location: (100m North of001)
Outcrop type: Float
Lithology: Greywacke(?) highly oxidized, vuggy, almost gossanous appearance.
Vein Density: 1-
Vein Orientation: float
Vein mineralogy: **Qtz abundant FeOX**

Intense alteration, unknown origin of float, possibly sourced from BDCSW005, looks like some relic breccia textures, possibly fault related?

BDCSW005

Location: (150m North West of 001)
Outcrop type: Outcrop
Lithology: Greywacke(?) highly oxidized, vuggy, Talcose with abundant FeOx, almost gossanous appearance.
Vein Density: 1-
Vein Orientation: float
Vein mineralogy: Qtz abundant FeOX and psuedo's post sulphides, possibly Py(?)



Intense alteration, interesting boxworks / replacement of sulphide minerals, possibly fault related?
The creekbed this was mapped in was remarkably linear for quite some distance.

BDCSW005, Boxworks post pyrite(?) within FeOx breccia, terminating Qtz indicated open void fill.



BDCSW005, More Boxworks



BDCSW006

Location: 0186133mN 8433160mE
Outcrop type: Outcrop
Lithology: Large Bucky Qtz Vein
Vein Density: Unknown
Vein Orientation: Str 345
Vein mineralogy: **Minor FeOX**



One of a number of large veins seen in the area, vein mineralogy is less than encouraging however, to be mapped following burnoff.

BDCSW007

Location: 0186133mN 8433160mE
Outcrop type: Outcrop
Lithology: Greywacke slightly si altered.
Vein Density: 1-10cm
Vein Orientation: str 345, vertical
Vein mineralogy: **Minor Qtz abundant FeOX and specular Hematite post sulphides,**



Very good vein densities with veins up to 1 cm thick, the vein is almost entirely composed of FeOX in the form of minor goethite, limonite and large amounts of specular hematite. These veins look very much like the oxidation product of a sulphide rich vein.

close up of vein at BDCSW007



Further veining 10m from BDSCW007



RECOMMENDATIONS:

Terrain in the area has steep relief and tall speargrass conceals most of the outcrop, creeks and ravines were the only places outcrop could be observed. A burn permit and request to burn the area has been submitted.

Speargrass and topography of the highland in target area.



GPS locations, photos and mapping details were recorded for all sites visited, given that the target is an orebody similar to the Batman orebody, some encouraging features were identified;

- Greywakes and silts exhibiting moderate to intense silicification
- Vein densities of ~10 per mtr, veins 2-10mm thick (some +1mtr veins were also identified, but they contained only trace amounts of FeOX)
- Boxworks post sulphides in an intensely brecciated vein
- Gossanous material as float at site BDCSW003
- Specular Hematite, possibly post sulphides in veins

The high relief in this area lends itself to a stream sediment sampling program, further mapping and rockchip sampling will be carried out however a costed stream sediment program will be planned and forwarded on shortly.

Peter Harris

16/05/2009