

ANNUAL REPORT FOR THE PERIOD 16/12/2009
TO 16/12/2010
MT.CAMERON EXPLORATION LICENCE
EL 11/2008

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DATE:

15thSept.2010

ABSTRACT

EL 11/2008 Mount Cameron was granted on 16th December 2008 .It is 50sqkm in area and was claimed to explore for the potential for open pittable disseminated tin, gold (and uranium) deposits that might in part be responsible for the extensive alluvial-colluvial deposits dredged in the drainages on the perimeter of the paleohigh to MT.Cameron.

Work during the annual period comprised research and compilation of the conceptual models that may be utilized in the search for bedrock deposits at Mt Cameron. Detailed Interpretation of Processed Landsat Imagery with emphasis on the features peculiar to high level granite "facies" ,major domes-cupolas, parasitic domes, sheeted fracturing-veining and radial to concentric patterns typical of the Cinovec Deposits in Czechoslovakia and Sailor-Silver Valley (North Queensland;pers.com. Newmont discoveries 1978,Stewart 1979,1980),and perhaps the Disseminated Stacked Chamber Model of Timbarra Gold (Stewart 1992,and Simmons et.al 1994).

Published radiometric and magnetic imagery and interrogation of Google Earth Imagery were also utilized to find evidence of historical workings, sluicings etc and lithostructural elements that might relate to primary Sn , W ,Mo, Bi , Au, U sources.

Four broad possible primary metal source areas have been identified and over 7 possible positions of relevance to Mt Cameron and Vicinity.

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1.INTRODUCTION

Exploration Rational – see abstract

Licence

Tenement Number EL11/2008

Beneficial Holder

The Tenement was applied for by James Stewart. P.O.Box 7298,Karawarra,PERTH 6152.

Area – figure 1a.

The project area is currently encompassed by a 50 sq. km Exploration Licence, EL 11 / 2008. Specifically:

Date of Grant 16 / 12 / 2008

Date of Expiry 16 / 12 / 2013

Tenement Location

The Mount Cameron Project is located in north east Tasmania approximately 85 kilometers north east of the City of Launceston .Mt Cameron is a Granite massif just west of the Pioneer to Gladstone Road. Access to the perimeter of the project area is excellent. However, access to the core of the tenement is extremely limited. An all weather sealed road services the townships of Gladstone and Pioneer and a well formed gravel track provides heavy vehicle access from that public road to the project site.

The Tenement is located over the land tenure known as private land, Crown land, Forest Reserve and State Forest.

Reporting Period is 16th December 2009 to 16th December 2010.

2.REVIEW OF PREVIOUS WORK

Prior to Current Tenement – see previous Annual Report_file11-2008/ 01

During Current Tenure

To date there is still no evidence that modern exploration examined the MT.Cameron massif for primary hardrock heavy mineral sources or “deflation lag” deposits capping preserved stanniferous portions of the massif.

3.Regional Geology and Mineralisation – see previous Annual Report

4.EXPLORATION COMPLETED DURING CURRENT REPORT PERIOD

Prospect based exploration Activities

A ending photo-structural analysis has been completed (Figure 1).

Google earth was examined in fine detail for spectral features identified in the Landsat Imagery.

Based upon the brittle structural regime obtained on the tenement the photo structural characteristics of the Sailor 20million tonne cupola deposit and the plus 1 million ounce Timbarra gold deposits were revisited (figures 2a-2c,3a-b,and 4to7).

Further worked is aimed at ground verification of the spectral anomalies.

5.DISCUSSION OF RESULTS

Regional structural compilation utilizing Landsat imagery was completed.A number of potential target areas have been identified by fracture analysis of Landsat imagery and Google Earth Imagery Interrogation.

6.CONCLUSIONS

Recommendations and Proposed Future Exploration

Detailed examination of all remote sensing data for access to identified anomalous geomorphological and lithostructural features in the Mt Cameron massif.

Tracking of flanking alluvial operations for evidence of possible hardrock tin sources.

Verification of Landsat derived indications of brittle structural geometry related to concentric upward doming and sub vertical dilation/sheeting.

7.ENVIRONMENT

Surface Disturbing Operations; No surface disturbing operations conducted during the period.

Surveys

Rehabilitation; Not Applicable during the reporting period

8.EXPENDITURE

Expenditure on exploration for the period 16December 2008 to 11November 2009;

TOTAL \$12,950

9.REFERENCES

Simmons, H.W., Pollard , P.J., Stewart ,J.I., Taylor ,I. A. and Taylor,R.G.,1996.Granite hosted disseminated gold mineralization in Timbarra ,New South Wales .Proceedings of Mesozoic Geology of Eastern Australia Plate Conference. Geological Society of Australia 507-509.

Stewart, J. I., 1979 – “Report on the drilling of the Sailor Greisen Bearing Cupola-Silver Valley ,North Queensland”. Unpublished Report.

Stewart, J. I., 1980a – “Report on the Photo structural Characteristics of Kiama-Sailor High Level Granite Terrain, Silver Valley ,North Queensland”. Newmont Pty Ltd .Unpublished Report.

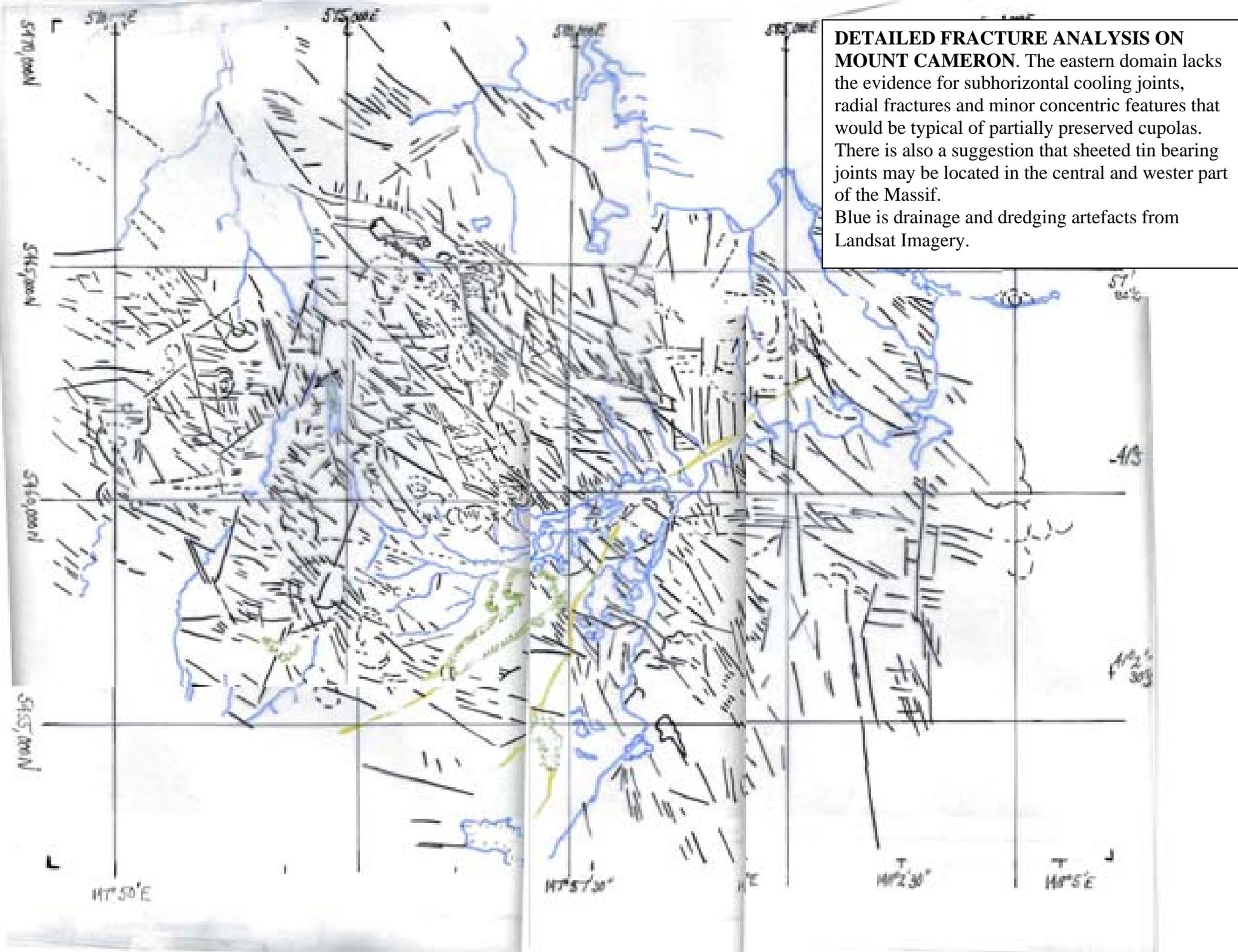
Stewart, J. I., 1980b – “Report on the Drilling of the Valley Horizontal Sheeted Vein Systems, Silver Valley ,North Queensland”. Newmont Pty.Ltd. Unpublished Report.

Stewart ,J.I., 1992.Granite hosted disseminated gold mineralization in Timbarra. Stacked ,stratified, fractionated magma Chambers with Trapped Disseminated Gold – A Zaiiplats Analogue ,Tenterfield , New South Wales .Mines Department of New South Wales Open File.

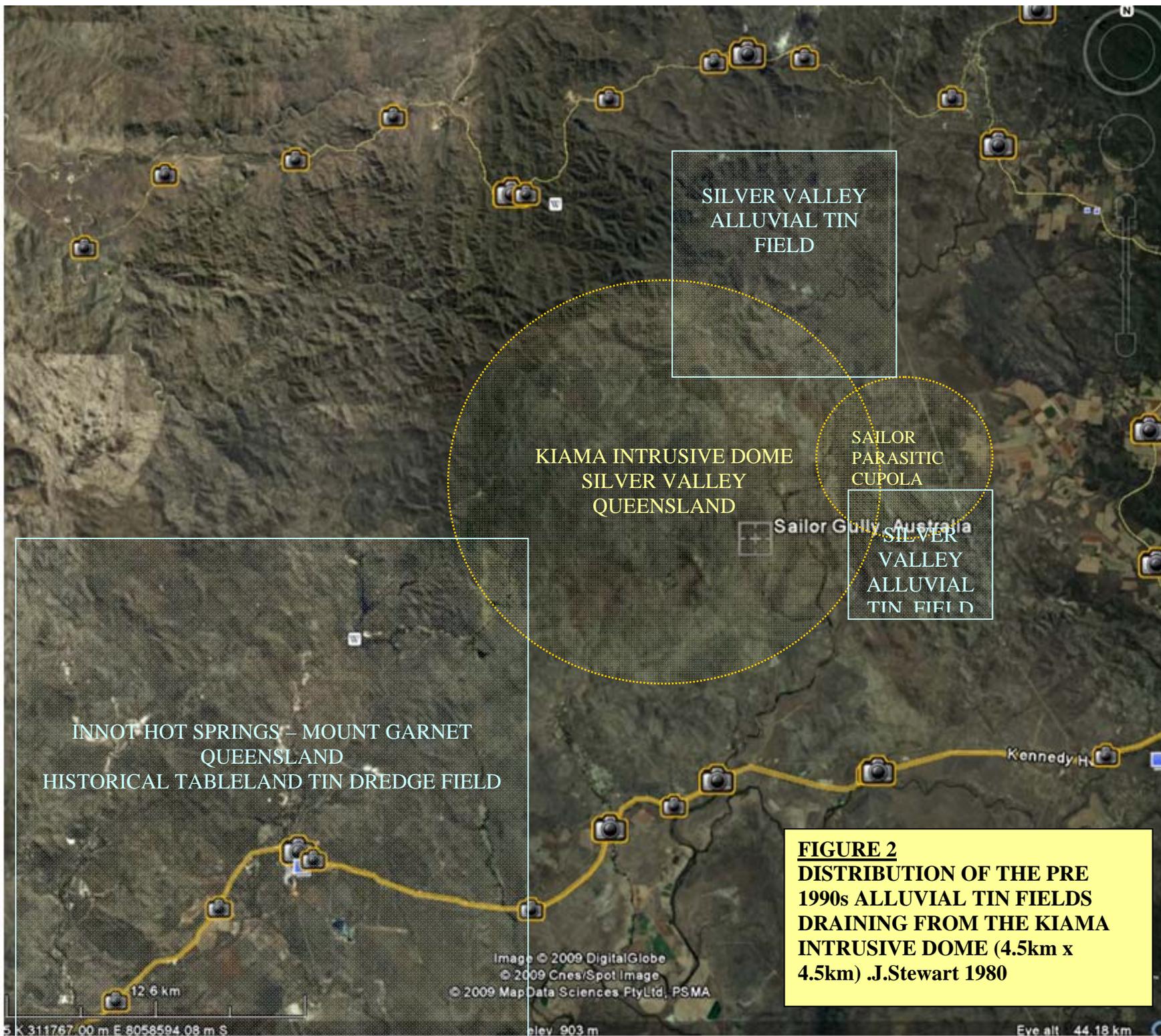
Stewart ,J.I., 1992.Granite hosted disseminated gold mineralization at Timbarra. Zaiiplats Tin Analogue ,Tenterfield , New South Wales .Regional, prospect scaled Indicators ,Geochemical Signature and Model variants. Unpublished Memorandum Homestake Gold of Australia Ltd.

Stewart ,J.I., 1996.Sale Document Memorandum Timbarra Disseminated Gold Deposits – Indicated and Potential Deposits, Tenterfield , New South Wales . Open File.

Stewart, J. I., 2009 – “Report on of EL 11/2008 Mount Cameron Tin Project, Tasmania”. Unpublished Report.



DETAILED FRACTURE ANALYSIS ON MOUNT CAMERON. The eastern domain lacks the evidence for subhorizontal cooling joints, radial fractures and minor concentric features that would be typical of partially preserved cupolas. There is also a suggestion that sheeted tin bearing joints may be located in the central and western part of the Massif. Blue is drainage and dredging artefacts from Landsat Imagery.



SILVER VALLEY
ALLUVIAL TIN
FIELD

KIAMA INTRUSIVE DOME
SILVER VALLEY
QUEENSLAND

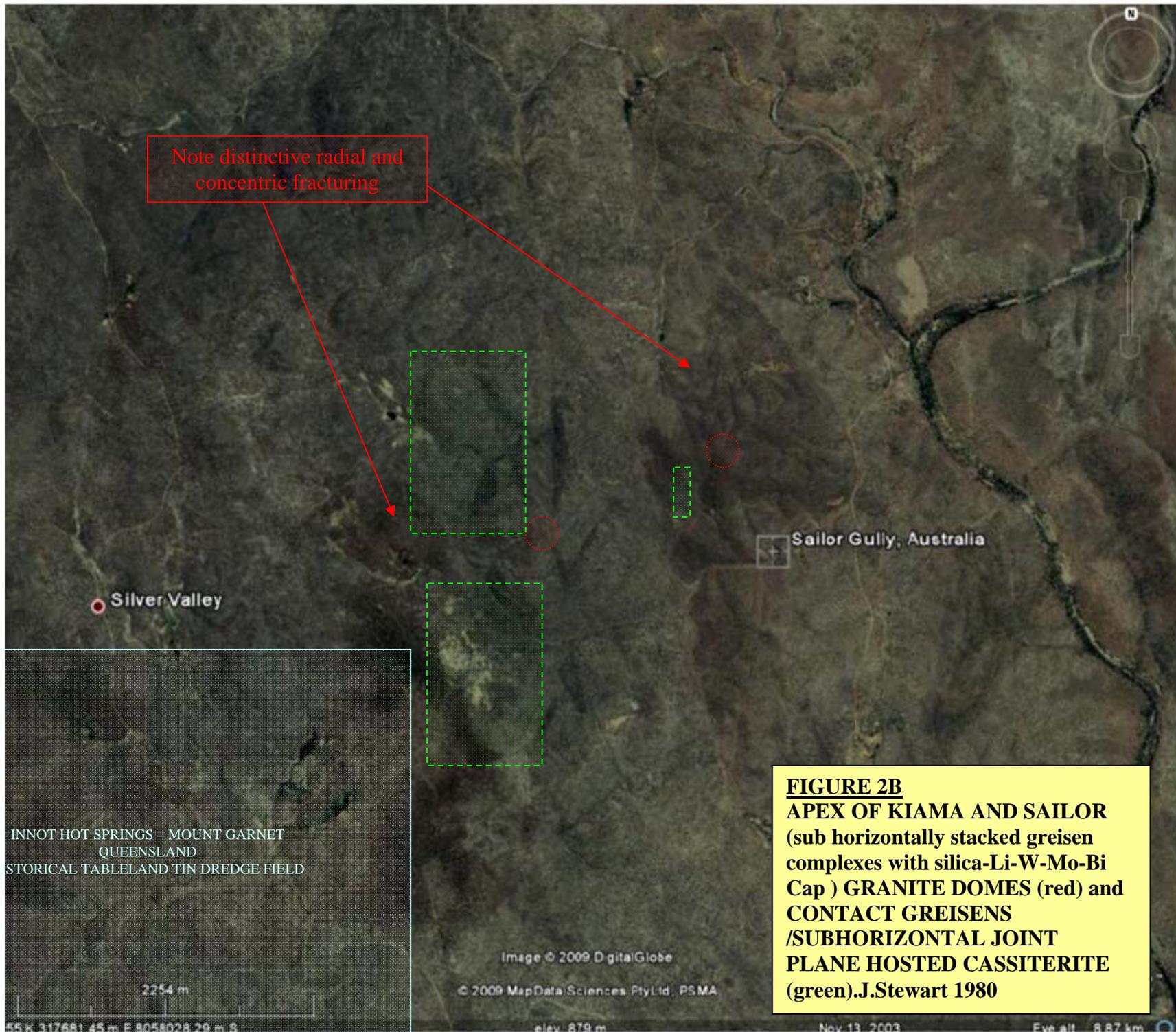
SAILOR
PARASITIC
CUPOLA

SILVER
VALLEY
ALLUVIAL
TIN FIELD

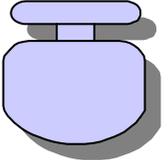
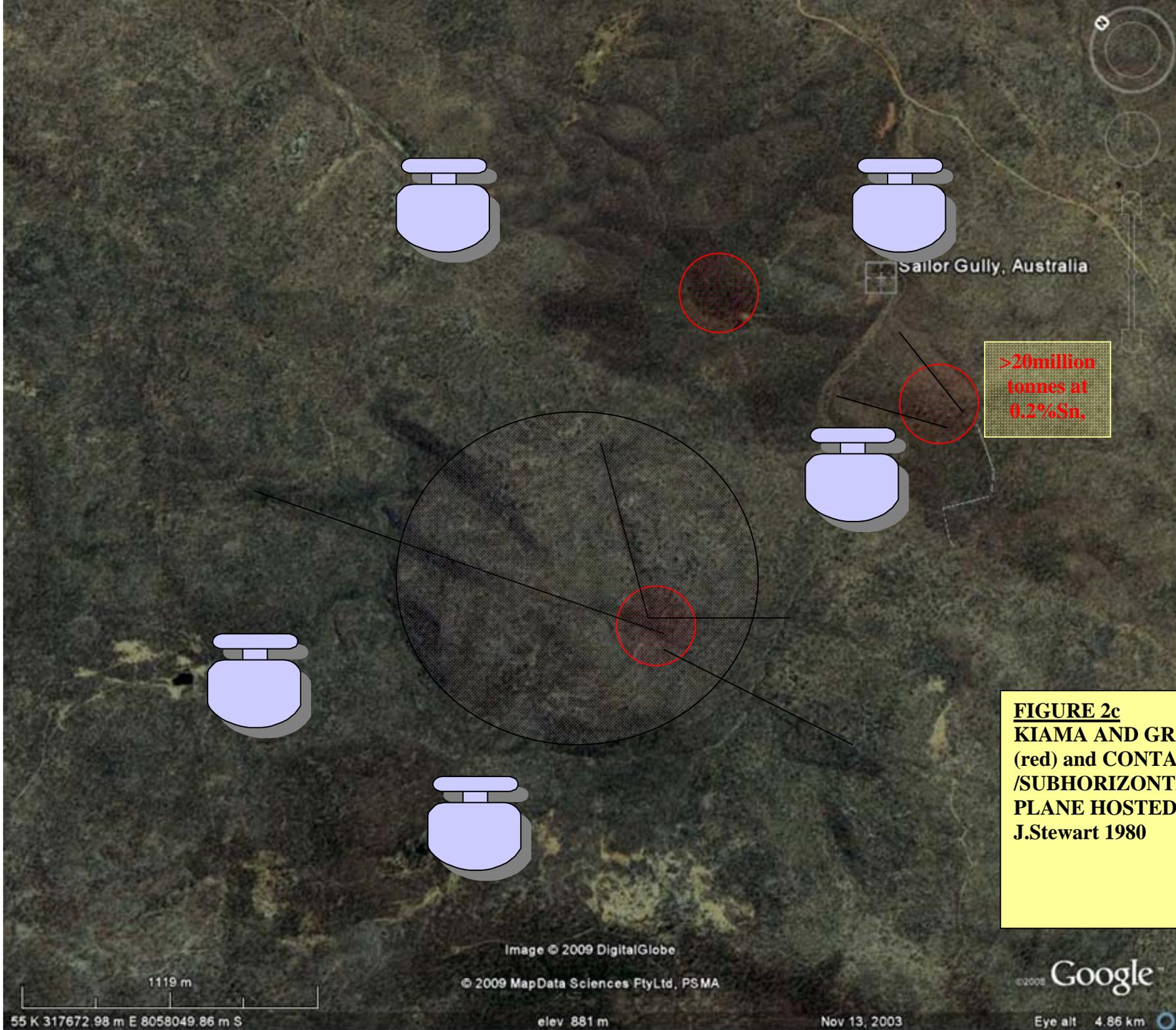
INNOT HOT SPRINGS - MOUNT GARNET
QUEENSLAND
HISTORICAL TABLELAND TIN DREDGE FIELD

FIGURE 2
DISTRIBUTION OF THE PRE
1990s ALLUVIAL TIN FIELDS
DRAINING FROM THE KIAMA
INTRUSIVE DOME (4.5km x
4.5km) .J.Stewart 1980

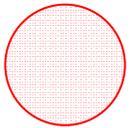
Image © 2009 DigitalGlobe
© 2009 Cnes/Spot Image
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INNOT HOT SPRINGS – MOUNT GARNET
 QUEENSLAND
 HISTORICAL TABLELAND TIN DREDGE FIELD



Alluvial Cassiterite



Source areas for Alluvial Cassiterite – downstream Extensive Dredge Fields

>20million tonnes at 0.2%Sn,

FIGURE 2c
KIAMA AND GRANITE DOMES
(red) and CONTACT GREISENS
/SUBHORIZONTAL JOINT
PLANE HOSTED CASSITERITE
J.Stewart 1980

Image © 2009 DigitalGlobe

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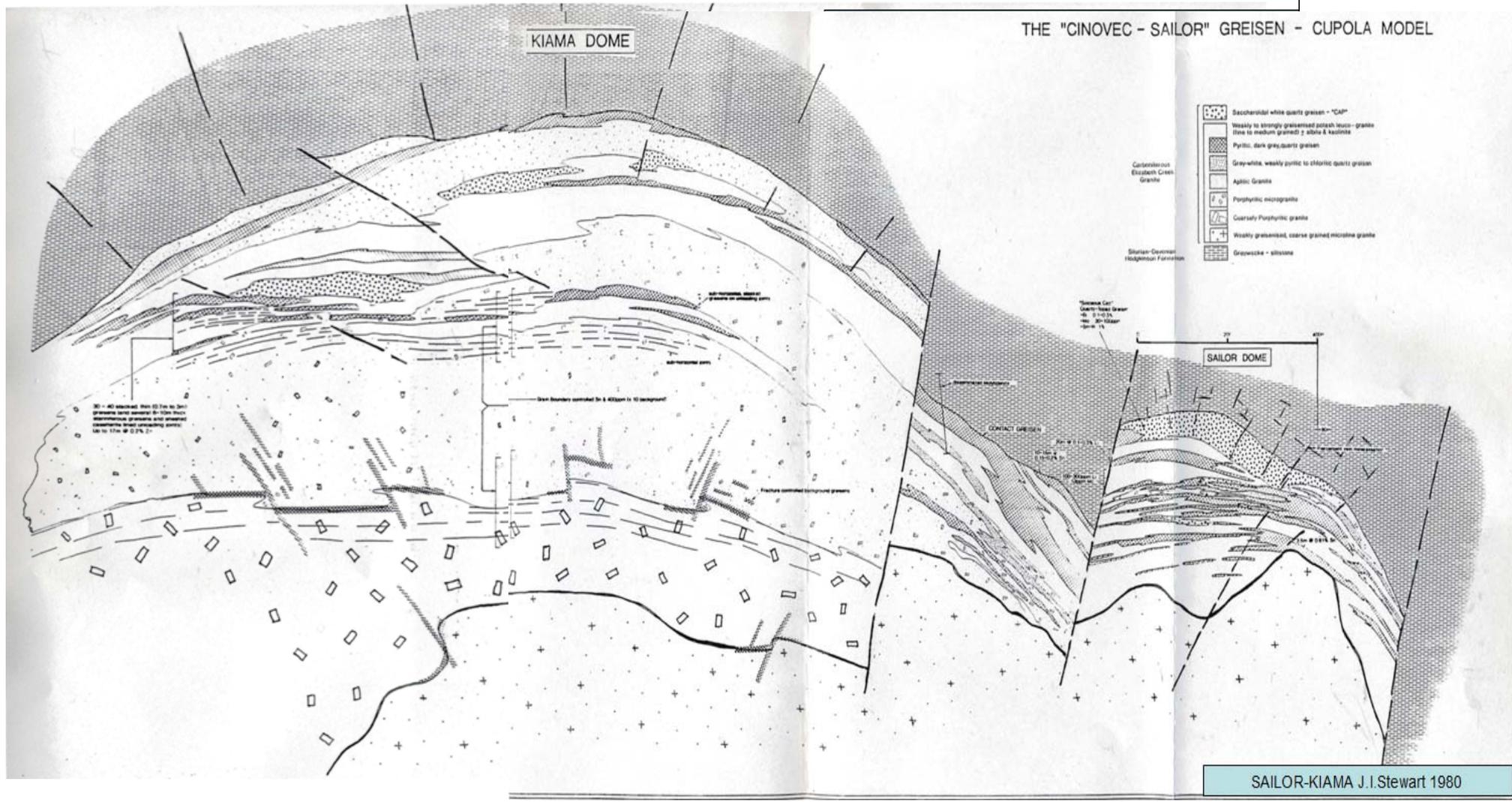
55 K 317672, 98 m E 8058049, 86 m S

elev 881 m

Nov 13, 2003

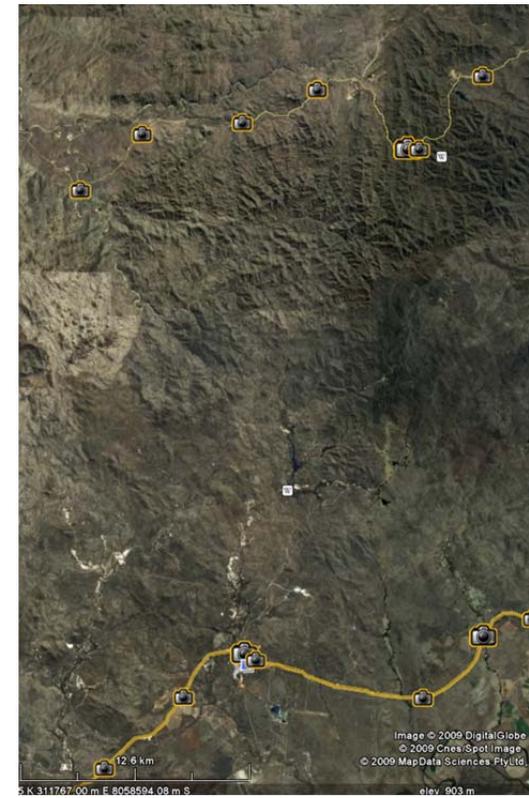
Eye alt 4.86 km

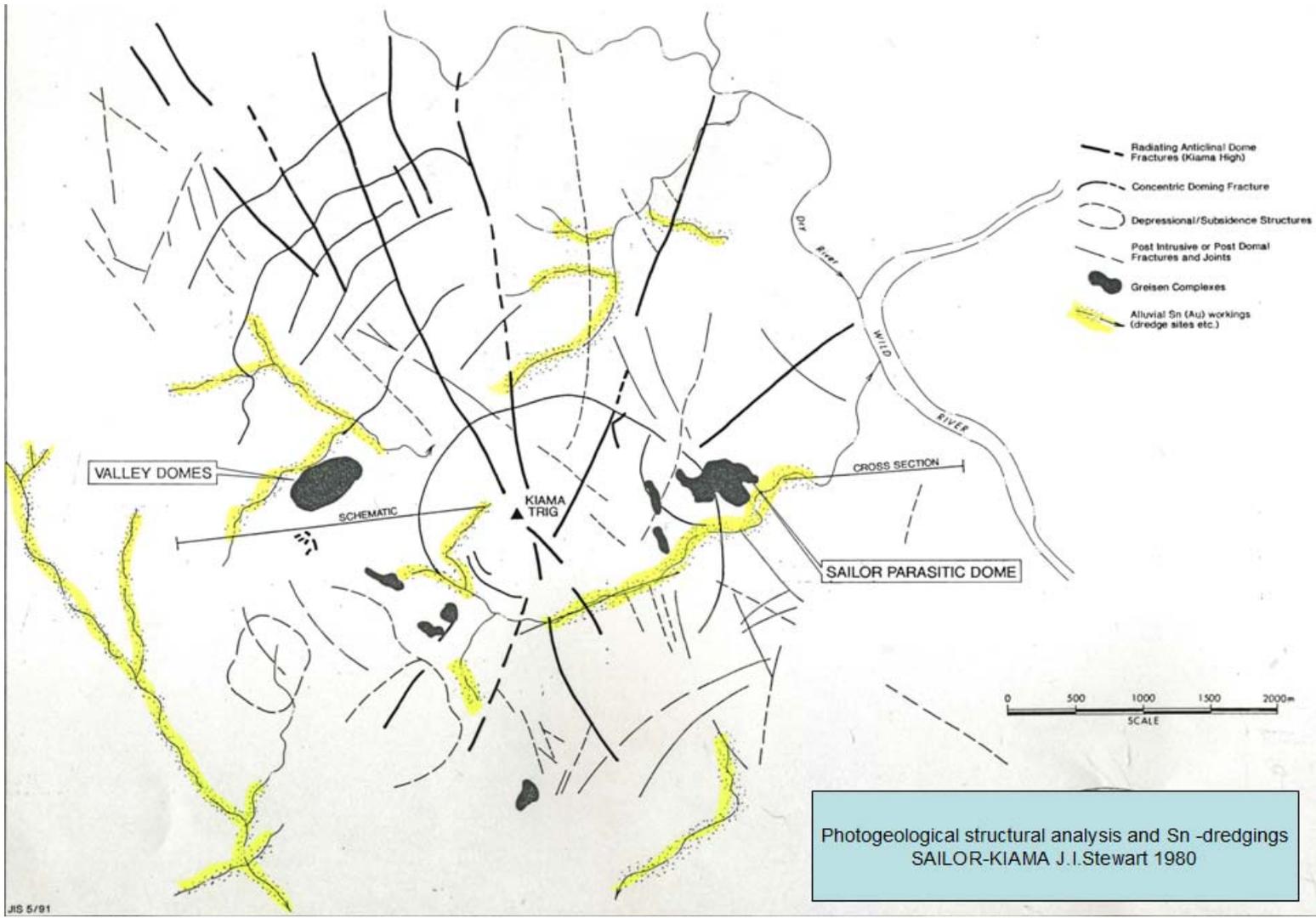
THE "CINOVEC - SAILOR" GREISEN - CUPOLA MODEL

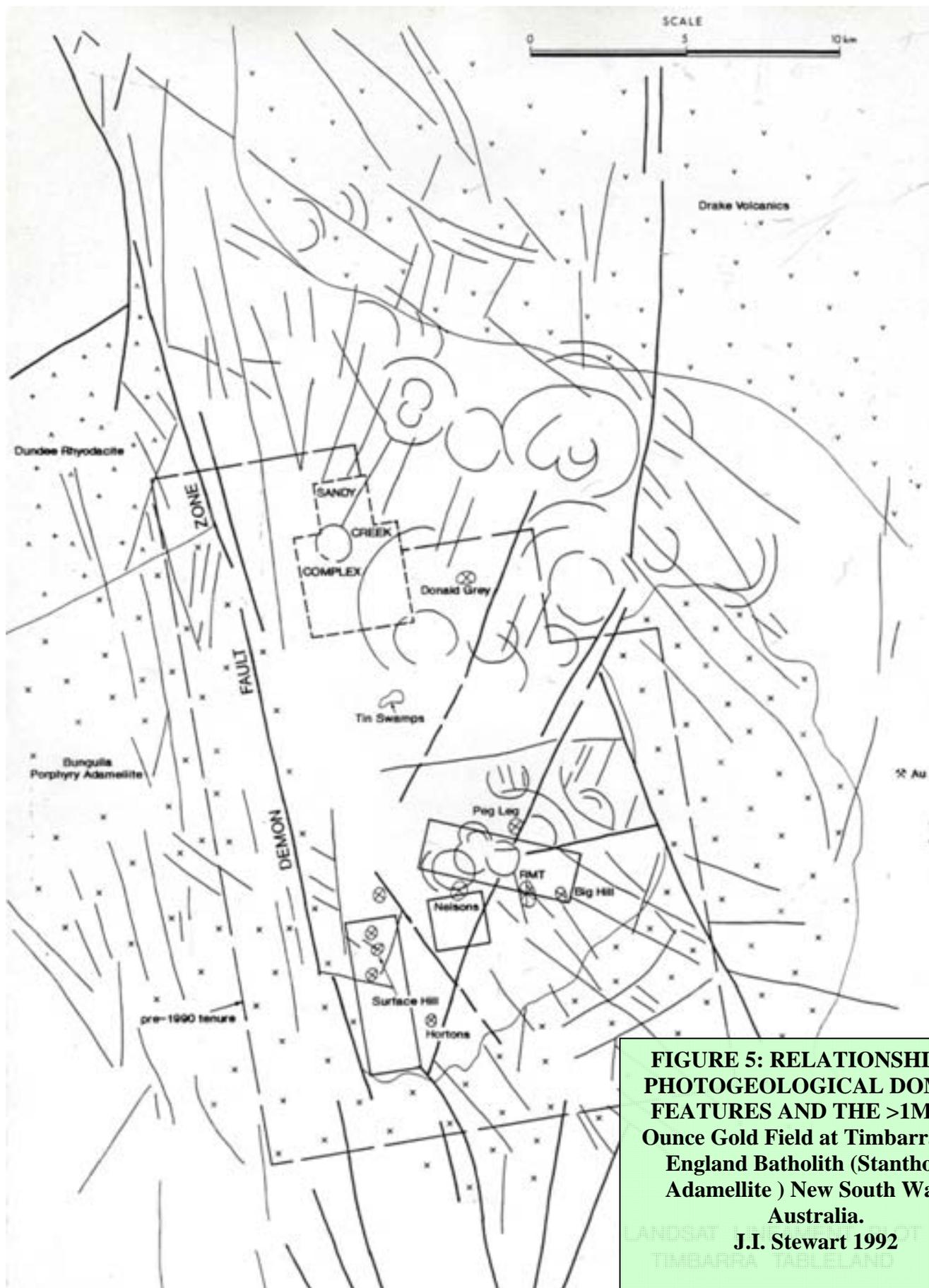


SAILOR-KIAMA J.I. Stewart 1980









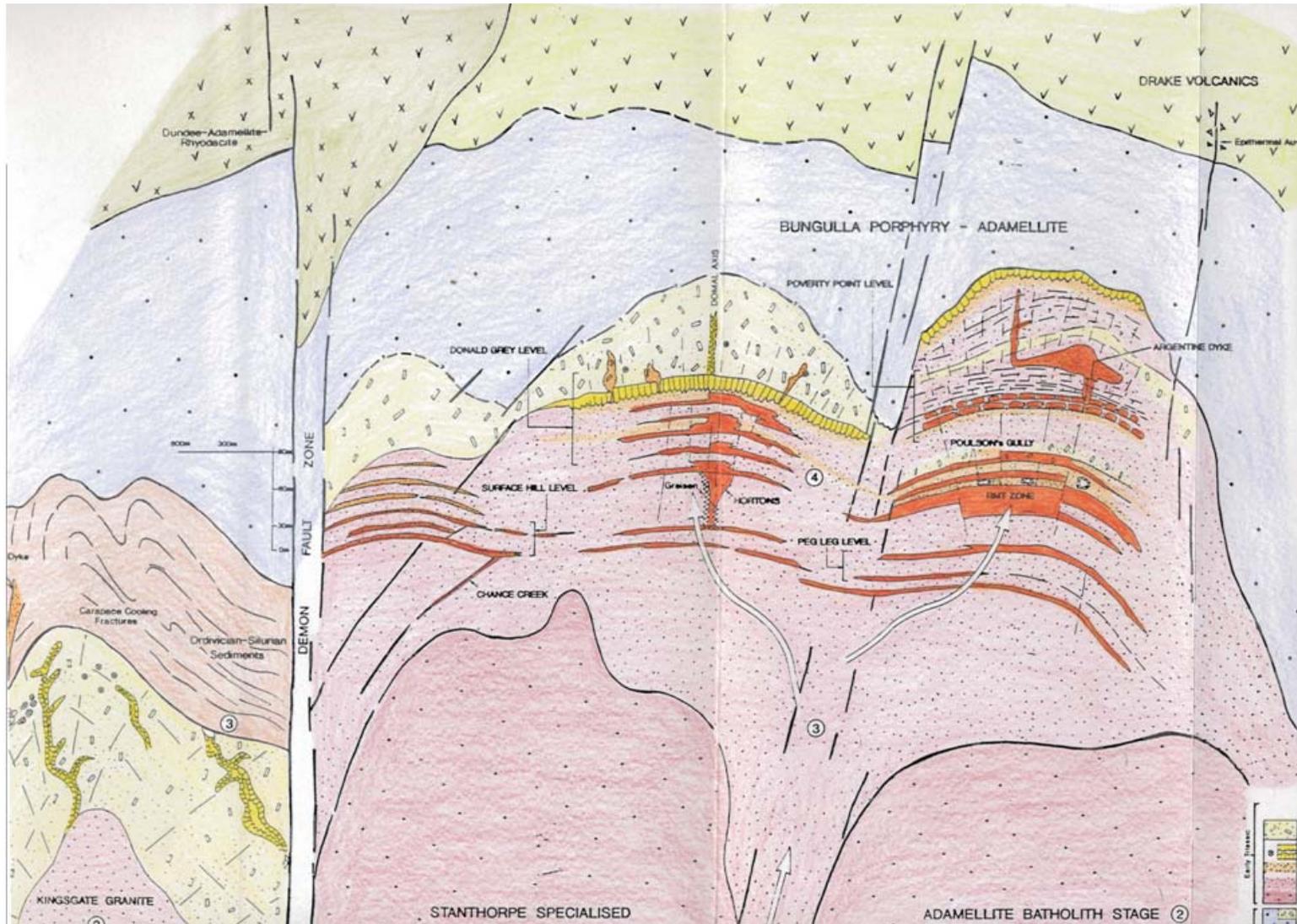
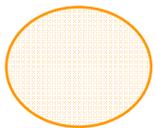
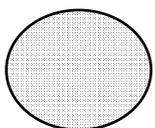


FIGURE6:
 RELATIONSHIP BETWEEN
 SUBHORIZONTAL
 FRACTIONATED MAGMA
 CHAMBERS , DOMAL CAPS,AND
 CARAPACE RELATED PIPES etc
 (Mo-Bi-Au-W).Stanthorpe
 Adamellite-Tenterfield and Kingsgate
 Granite .
 J.I.Stewart 1992 and mod. from D.A.
 Jones 1976.



**@1-4 POSSIBLE
 PROTORE HARDROCK
 SOURCE AREAS FOR**



**#1,2,3,4,5A,5B,6 and 7
 Spectral and Photo
 structural target areas
 under Investigation. EL11-
 2008**

**FIGURE 7 – TARGET
 AREAS IDENTIFIED BY
 SATELLITE LANDSAT
 AND GOOGLE STUDIES.
 EL 11-2008**