

Edmirringee Gold & Base
Metals Project

EL 9014

Annual Report

18 / 7 / 96 to 17 / 7 / 97

Titchener Prospecting

Author : Anthony Stehn

Introduction

EL 9014 covers part of the Davenport Range and the Edmirringee Block, known for its mineralisation of copper rich basalt and felsic volcanic rock types.

The author acts as a prospecting consultant to the holder and carried out the previous years exploration program with him as well as directing and requesting samples from a field trip made in November 1996 of this licence year.

As explained in the covering letter the licence year this report addresses is subject to a sect 172 Variation of Covenant postponing the majority of exploration expenditure intended for the past license year until the forthcoming licence year.

The Report that follows is limited therefore to the above named field trip taken in November 1996. The Report also includes exploration details for the coming licence year.

Location

The tenement is located approximately 10 kms south east of the Kurundi Pastoral Station homestead and is 150 kms south-south east of Tennant Creek.

Access is via the Epenarra Road and numerous station tracks. (fig 1.)

Tenement Status

The tenement is held by Titchener Prospecting and has run two years of its granted term on the 18 / 7 / 97. The tenement currently consists of 21 graticular blocks.

Geology and Mineralisation

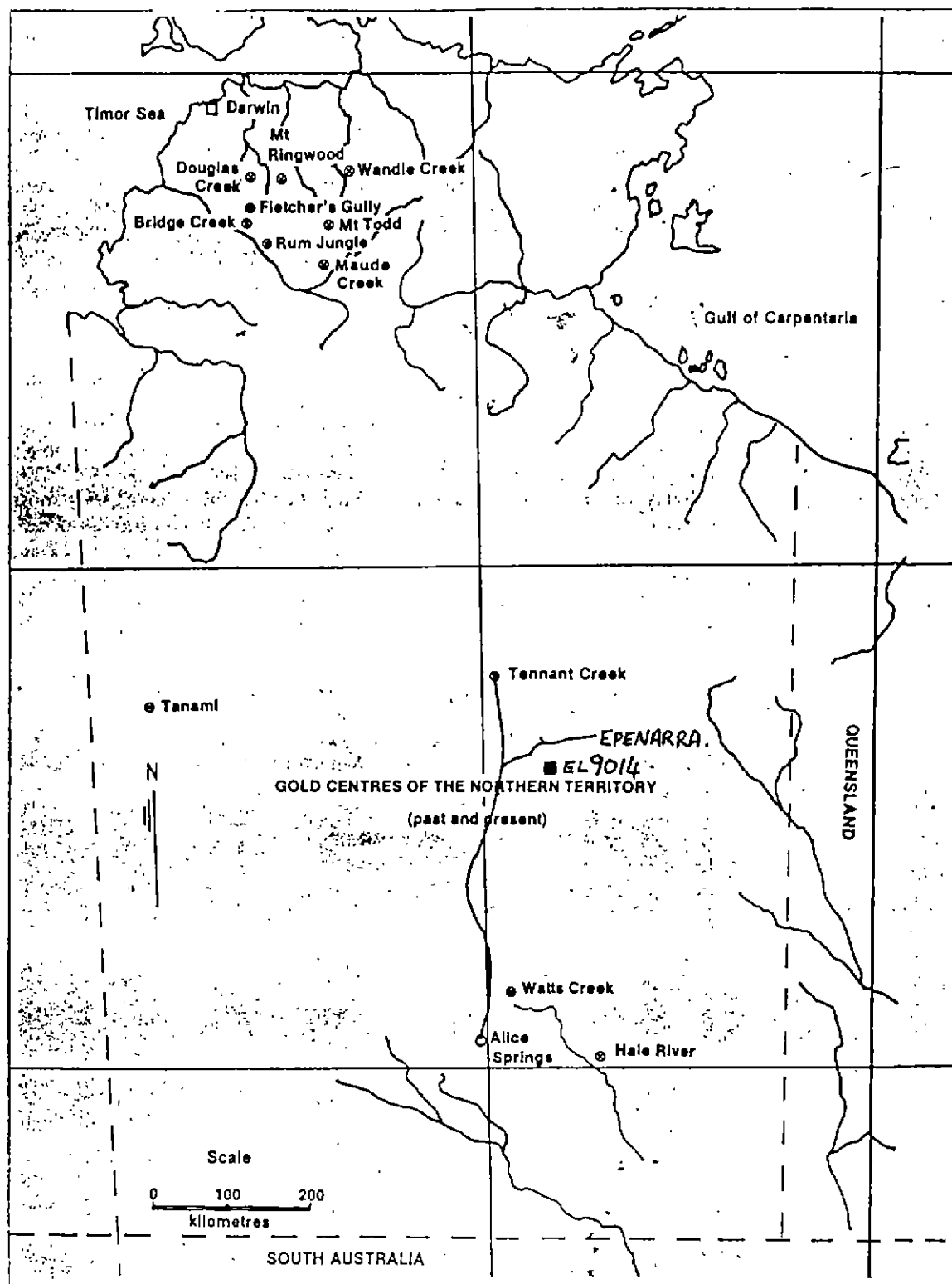
The Edmirringee Block lies on the Western fringe of the Kurrinelli Sandstone Belt which contains intrusive quartz veins and dykes (the main targets of our gold exploration). Basaltic rocks and Basalt Lava make up the Edmirringee Volcanic flow. The Copper mineralisation is cuprite and malachite within quartz and is enclosed in volcanic greenstone. Sulphides of unidentified type, were sparsely scattered in both Basalt and Breccia type rocks. Wolfram was discovered in large crystal form in narrow pegmatite dykes in the greenstones. The Epenarra Volcanic flow, on the northern most part of the tenement contains Felsic Volcanics and Volcanistic Sediments but no obvious base metal mineralisation has been discovered by us. Colluvium covers most of the areas between the outcropping (fig 2).

Exploration Carried Out

As discussed in the introduction the tenement is subject to a sect 172 Variation of Covenant with field work being limited to a field trip being undertaken in November 1996 to re-assure Titchener Prospecting that ground earmarked for relinquishment was in our opinion void of potetial gold bearing quartz outcropping that may have been overlooked in the previous terms exploration. Arial photos had been studied previous to the trip with limited outcrops identified, the outcrops were located on the ground using a GPS and samples were dollied and panned on site. A metal detector and further panning was undertaken where obvious traps and gullies occurred near outcropping. All sampling proved unsuccesful, location details are contained in figure X.3 .

1996 / 97 Expendature

Relocation	\$1,200
Wages	\$ 800
Toyota Hire	\$ 850
Administration, 96 / 97	\$1,600
TOTAL	\$4,450



TITCHENER PROSPECTING

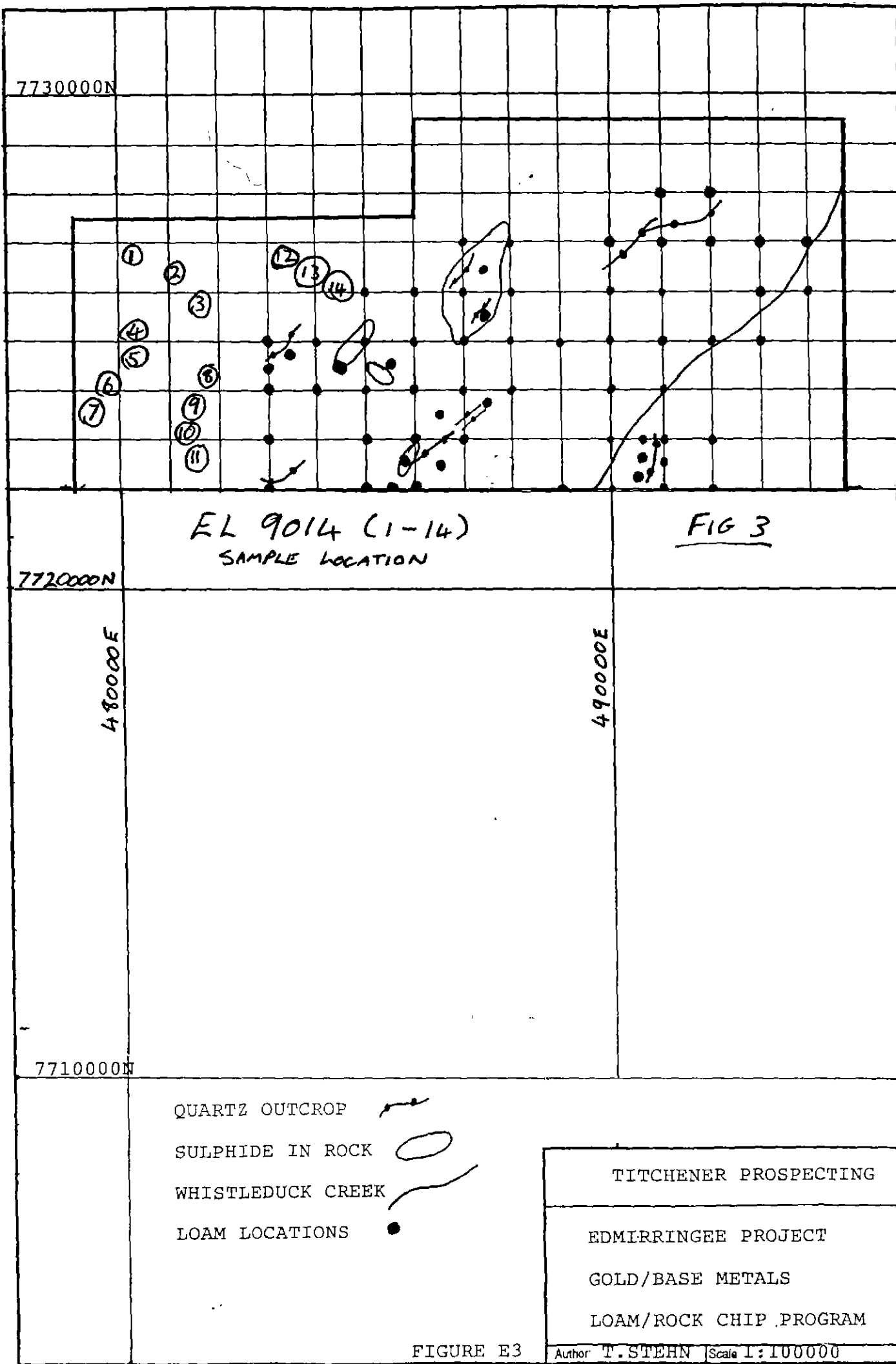
LOCATION DIAGRAM

EL 9014

Author: T. STEHN

Scale

Figure E1



FIELD SAMPLING EL 9014

NOV 96

<u>No</u>	<u>AU</u>	<u>DESCRIPTION</u>
①	—	OUTCROP, SOME QTZ / S/STONE
②	—	" " "
③	—	" , MAINLY S/STONE S&G
④	—	QTZ IN GULLY TRAP
⑤	—	"
⑥	—	"
⑦	—	"
⑧	—	GULLY TRAP IN RIDGE, TRACES QTZ
⑨	—	"
⑩	—	C/U ON SLOPE, S/STONE & QTZ PEBB.
⑪	—	C/U HIGH ON RIDGE SLOPE, SERIES OF SMALL QTZ STRINGERS LOCATED BY CHANCE, BARREN
⑫	—	S/STONE RIDGE & GULLY, GULLY CONTAINING QTZ MIX PEBBLE, CONDUCTED REASONABLE LOAM, BARREN
⑬	—	"
⑭	—	"

Proposed Exploration Expendature 1997 / 98 Licence Year

Geologist (wages, one month)	\$4,000
Field Assistant (wages, one month)	\$2,550
Toyota & Equipment Hire	\$6,000
Consumables	\$2,500
Relocation	\$3,000
Administration	\$2,000
Running Exploration Camp	\$2,000
Assay Costs	\$3,500
Total Expendature	\$25,550

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7730000N

7720000N

NORTH

7710000N

480000E

490000E

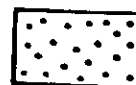
500000E



EPENARRA VOLCANICS
Felsic Volcanics, Volcanistic Sediments



EDMIRINGEE VOLCANICS
Basalt Lava, Basaltic Volcanistic Rocks
Felsic Volcanics



KIRRINELLI SANDSTONE
Lithic Feldspathic Arenite,
Pebbly/Quartz Arenite,
Conglomerate



QUARTZ OUTCROP



FAULT



MARJOR CREEKS

EL 9014

5 KILOMETERS

SCALE
1:100000

TITCHENER PROSPECTING

OUTCROP GEOLOGY
EL 9014
EDMIRINGEE PROJECT

Author: T. STEHN

Scale:

Figure E2