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EXPLORATION LICENCE 9/86

ALFRED RIVER AREA

ANNUAL REPORT 2 Jul 86 to 31 May 87

MICROFILMED

OPEN FILE

Author Ron Gregory

Copies to T. Parish (1)
 Mines Department (1)
 L. Killigrew (1)

June 87

87-2665

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(1)

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- 3: Reconitred localities.
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- 5: Parts per million, Limestone Creek 1986/87
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APPENDICES

- 1: Weight of Gold and Osmiridium in samples.
- 2: Parts per million of Gold and Osmiridium in samples.

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TENEMENT INFORMATION

- 1: The Licence 9/86 is located as per Figure 1.
- 2: The Licence was originally applied for by T.N.Parish and includes E.L. 23/86 shown in orange on Figure 2. The total area of the Licence is 33 km².
- 3: The partnership of T.N.Parish, R.A.Gregory and I.H.Gregory under the business name of Timron Mining have been the sole explorers on the Licence area to date.
- 4: On the 17th Feb 87 an agreement for sale of the Licence was signed. The sale is to Avignon Holdings Pty Ltd a major shareholder of Callina Pty Ltd and Registration of the Deed has been applied for.
- 5: Full compliance with the Deed has not been made by Avignon and negotiations regarding the future tenure of the Licence are proceeding at the present time.

SUMMARY OF PREVIOUS EXPLORATION

A detailed Summary of previous exploration history is in Renison Limited's and Goldfields Exploration reporting under E.L. 2/63 and E.L. 7/77. This history is summarised hereunder.

1: Small scale alluvial mining and prospecting during the early 1900's, for Gold Tin and Osmiridium. The main areas appear to be Limestone creek for Gold and Osmiridium and Little Wilson River for Tin.

2: From 1962 to 1969 Aberfoyle Ltd conducted reconnaissance geological mapping. Minor Sulphides in silicified ultrabasics were located near the Wilson-Little Wilson River junction.

3: During 1976-77 the Australia New Zealand Exploration Company stream sampled much of the area under E.L.3/76. The Company did not investigate any anomalies.

4: During 1978-79 Airborne Input E.M./Magnetics Survey(Butt-1978) and a Photogeological Survey were carried out by G.F.E.

5: From 1981-84 reconnaissance, geological mapping and stream sediment sampling in the Huskisson syncline was carried out by G.F.E.(Martin 1981, and Roberts and Martin 1982).

6: Follow up gridding and geochemistry of the Alfred River Tin anomaly and the Little Wilson River anomaly, completed 1985.

SUMMARY OF WORK COMPLETED

1: The previous history of the area has been thoroughly researched and copies for both Timron Mining and Avignon obtained.

2: The Assay of samples taken from the Little Wilson River grid were not done by G.F.E. and Avignon have obtained the samples for examination.

3: A reconnaissance of the following was carried out to assess the type of country involved and assess the difficulty of providing logistic support to foot orientated sampling and manual pitting and boring. Random pan sampling was undertaken on the reconnaissance in order to delineate areas of priority. The areas reconoitred are shown on Figure 3.

3.1 Little Wilson River

3.2 Limestone Creek

3.3 Helipad One to Wilson River

3.4 Alfred River Tin Anomoly

4: Because of its prospectivity and ease of access, priority was given to Limestone Creek and the river flat adjacent to the Wilson River between Alfred River and Limestone Creek.

4.1 The course of Limestone Creek was mapped.

4.2 Stream sediment sampling was undertaken along the course of Limestone Creek where ever it lay within the Licence boundary. Suitable trapsites for undisturbed sediments were difficult to obtain due to the whole of the creek having been worked for alluvial Gold and Osmiridium.

4.3 Reconnaissance sampling of the river flat adjacent to the Wilson River and steam sediments inthe Alfred River.

4.4 Details of the sampling are outlined in Appendix One. The samples were all concentrated by pan, assayed for Gold and Osmiridium by seiving and separation of the Gold and Osmiridium from the mostly Chromite cocentrate. The Chromite has not been assayed at this time.

CONCLUSIONS AND RECOMMENDATIONS

1: The alluvial Tin resources of the Little Wilson Grid do not appear to have been fully assessed by G.F.E. and therefore warrants further attention. However, due to the low marketability of Tin at the present time, further work, other than the assay of Renison's samples, is deferred at this time. The samples will be investigated for Gold and Osmiridium as well as Tin and further exploration will depend upon the results.

2: Sampling of Alfred River showed up no Gold, very little Osmiridium (well worn and probably of glacial origin) and some Tin in the mostly Chromite pan concentrate. The creek to the South of Limestone Creek has been reported by other prospectors to carry no Gold.

3: Limestone Creek has been found to be quite strongly anomalous for Gold, with some Osmiridium. The Gold and Osmiridium are only slightly worn and do not appear to have travelled far. It is likely therefore that they may have originated from a primary source on or near Limestone Creek. Further sampling will be required to confirm the origin.

4: The river flat adjacent to the Wilson River has been found to be prospective for Gold with some economical values having been obtained. Assessment of the depth and extent of the wash by further sampling is required.

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PROPOSED EXPLORATION

- 1: Sample on a 25 metre grid ,the flats adjacent to the length of Limestone Creek, where it falls within the Licence. Man portable auger will be used for this sampling.
- 2: Manual pitting will be resorted to when augering does not produce suitable samples.
- 3: Reconnaissance augering and or pitting of;
 - 3.1: The flats adjacent to Alfred River between Helipad One and Wilson River.
 - 3.2; The river flat adjacent to the Wilson River between Alfred River and Limestone Creek.
- 4: Reconnaissance and stream sediment sampling of the Chromite anomalies as shown on Figure 4.

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Osmiridium in Tasmania
1920

Sample	150um-	150um+	250um+	350um+	500um+	850um+	Total
lc1 Au:							Nil
Os:							Nil
lc2 Au:		.01mg	.1mg				.11mg
Os:	.001mg	.01mg					.011mg
lc3 Au:	.002mg	.005mg					.007mg
Os:			.25mg	.45mg	2.25mg		2.95mg
lc4 Au:		.03mg					.03mg
Os:							Nil
lc5 Au:							.001mg
Os:		.02mg	.2mg	.25mg			.47mg
lc6 Au:	.01mg	.1mg	.2mg				.31mg
Os:	.05mg	.1mg					.15mg
lc7 Au:					.5mg		.5mg
Os:		.01mg					.01mg
lc8 Au:	.001mg	.01mg	.2mg				.211mg
Os:	.003mg	.05mg	.1mg	.3mg			.453mg
lc9 Au:	.004mg	.2mg	.1mg				.304mg
Os:	.002mg	.1mg			1.0mg		1.102mg
lc10 Au:	.002mg	.01mg	.1mg		1.5mg	5.0mg	6.602mg
Os:	.001mg	.01mg	.1mg				.111mg
lc11 Au:	.004mg	.01mg					.014mg
Os:		.01mg					.01mg
lc12 Au:						2.5mg	2.5mg
Os:							Nil
lc13 Au:						5.0mg	5.0mg
Os:							Nil
lc14 Au:		.01mg			1.5mg		1.5mg
Os:		.01mg			1.0mg		1.01mg
wr1 Au:							Nil
Os:							Nil
wr2 Au:							Nil
Os:							Nil
wr3 Au:		.01mg				4.0mg	4.01mg
Os:							Nil
wr4 Au:			.1mg				.1mg
Os:							Nil
wr5 Au:							Nil
Os:							Nil
wr6 Au:						3.0mg	3.0mg
Os:							Nil
ar1 Au:							Nil
Os:							Nil
Sn:		150mg					150mg
ar2 Au:							Nil
Os:							Nil
Sn:		120mg					120mg
ar3 Au:							Nil
Os:							Nil
Sn:		300mg					300mg
ar4 Au:							Nil
Os:							Nil
Sn:		400mg					400mg

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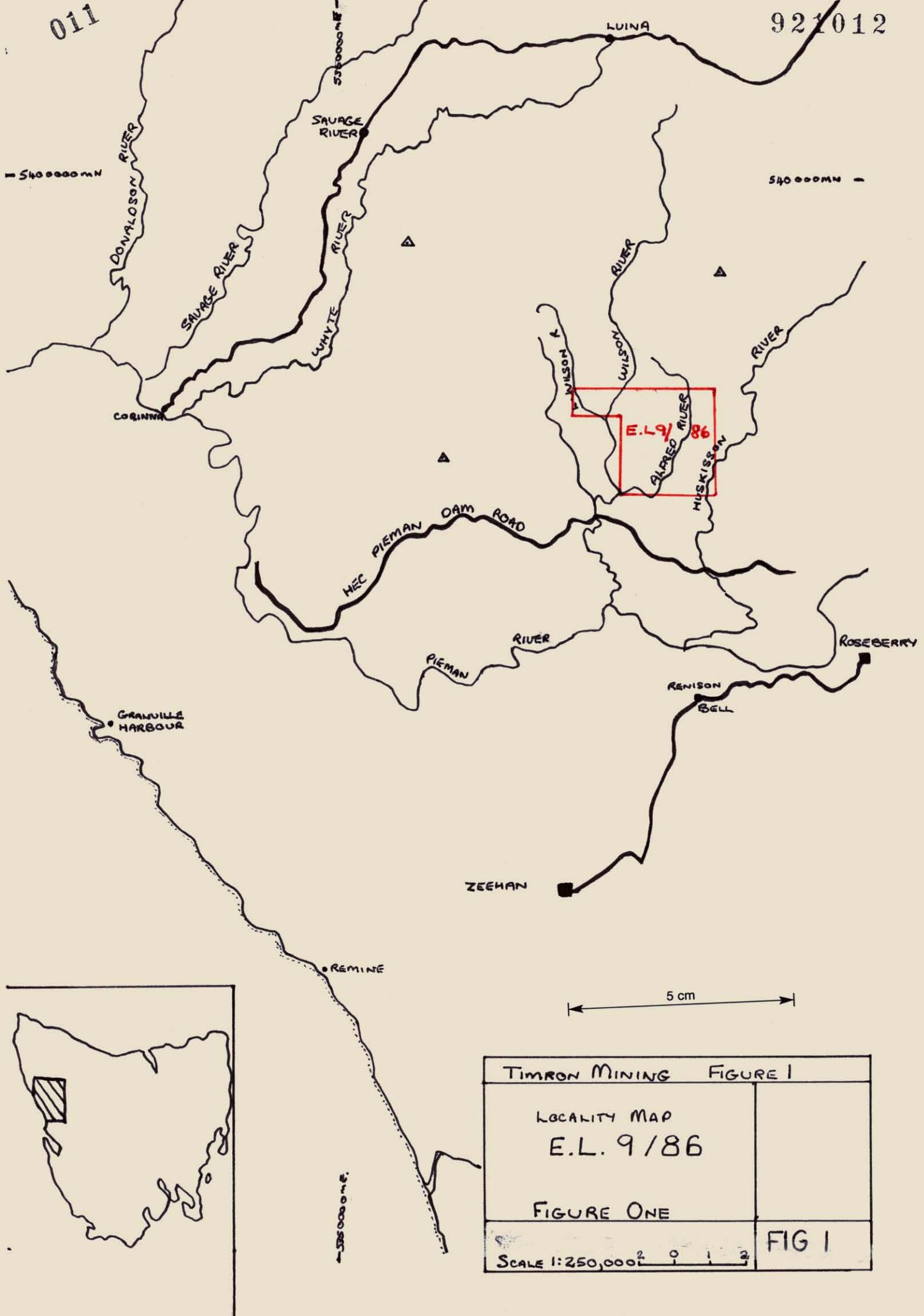
(Appendix Two)

Sample : Parts per Million

Lc1	Au : Nil Os : Nil	Ar1	Au : Nil Os : Nil Sn : 75,000ppm
Lc2	Au : 550ppm Os : 5.5ppm	Ar2	Au : Nil Os : Nil Sn : 60,000ppm
Lc3	Au : 3.5ppm Os : 1475ppm	Ar3	Au : Nil Os : Nil Sn : 150,000ppm
Lc4	Au : 15ppm Os : Nil	Ar4	Au : Nil Os : Nil Sn : 200,000ppm
Lc5	Au : Nil Os : 235ppm		
Lc6	Au : 155ppm Os : 75ppm		
Lc7	Au : 250ppm Os : 5ppm		
Lc8	Au : 105.5ppm Os : 226.5ppm		
Lc9	Au : 152ppm Os : 551ppm		
Lc10	Au : 3300ppm Os : 55ppm		
Lc11	Au : 7ppm Os : 5ppm		
Lc12	Au : 1250ppm Os : Nil		
Lc13	Au : 2500ppm Os : Nil		
Lc14	Au : 750ppm Os : 505ppm		
Wr1	Au : Nil Os : Nil		
Wr 2	Au : Nil Os : Nil		
Wr 3	Au : 2000ppm Os : Nil		
Wr4	Au : 50ppm Os : Nil		
Wr5	Au : Nil Os : Nil		
Wr6	Au : 1500ppm Os : Nil		

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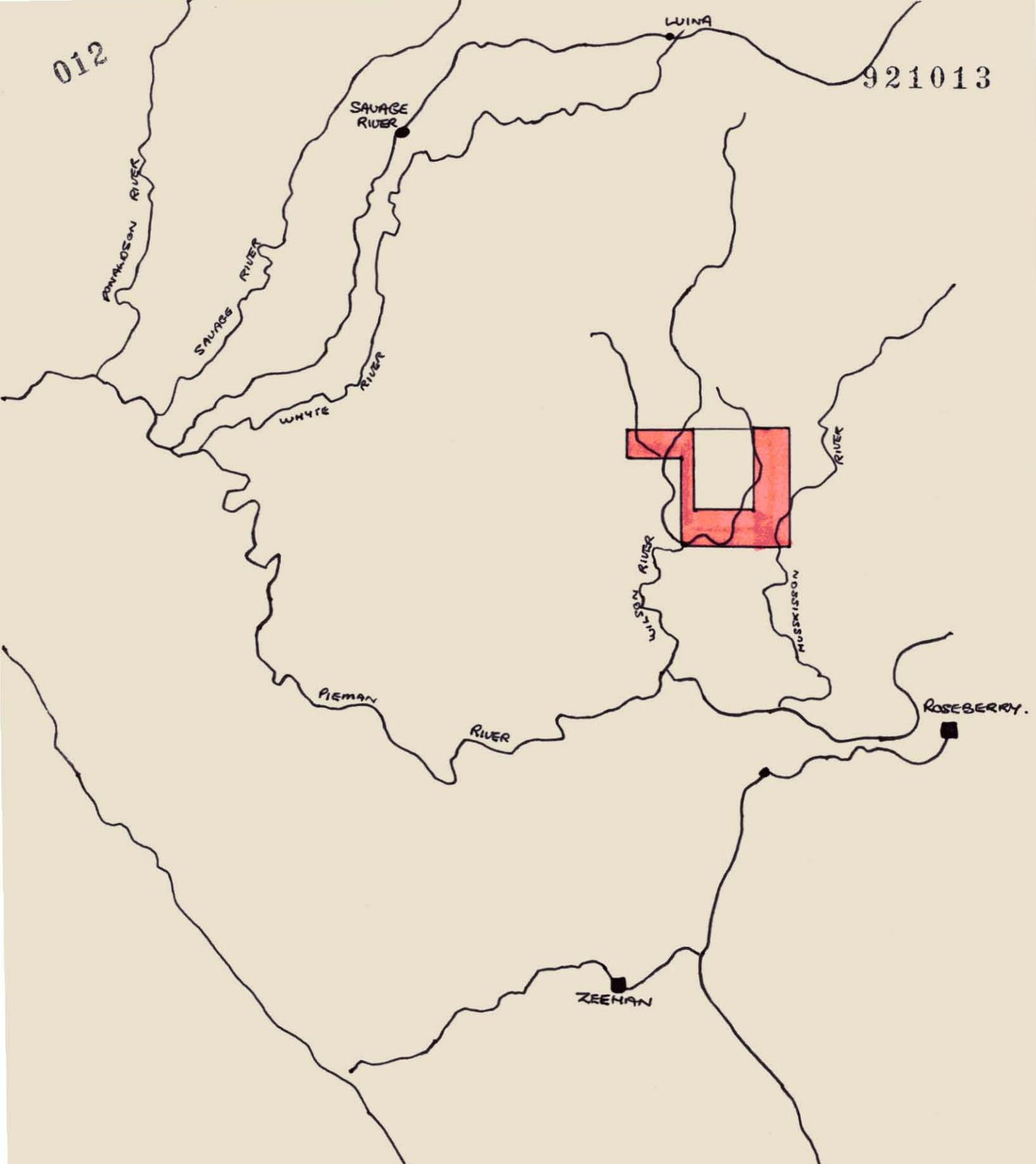
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TIMRON MINING		FIGURE I	
LOCALITY MAP			
E.L. 9/86			
FIGURE ONE			
SCALE 1:250,000		FIG I	

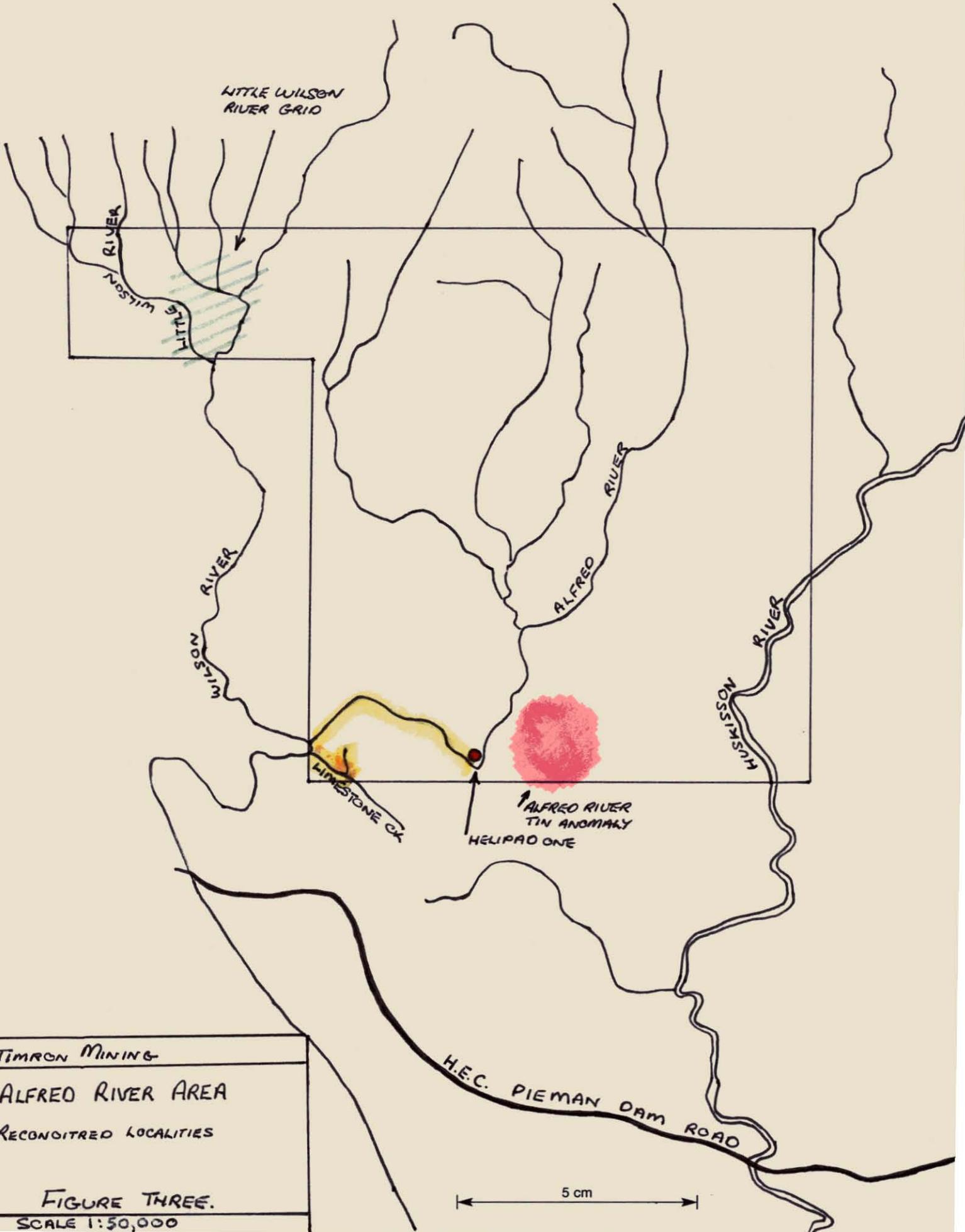
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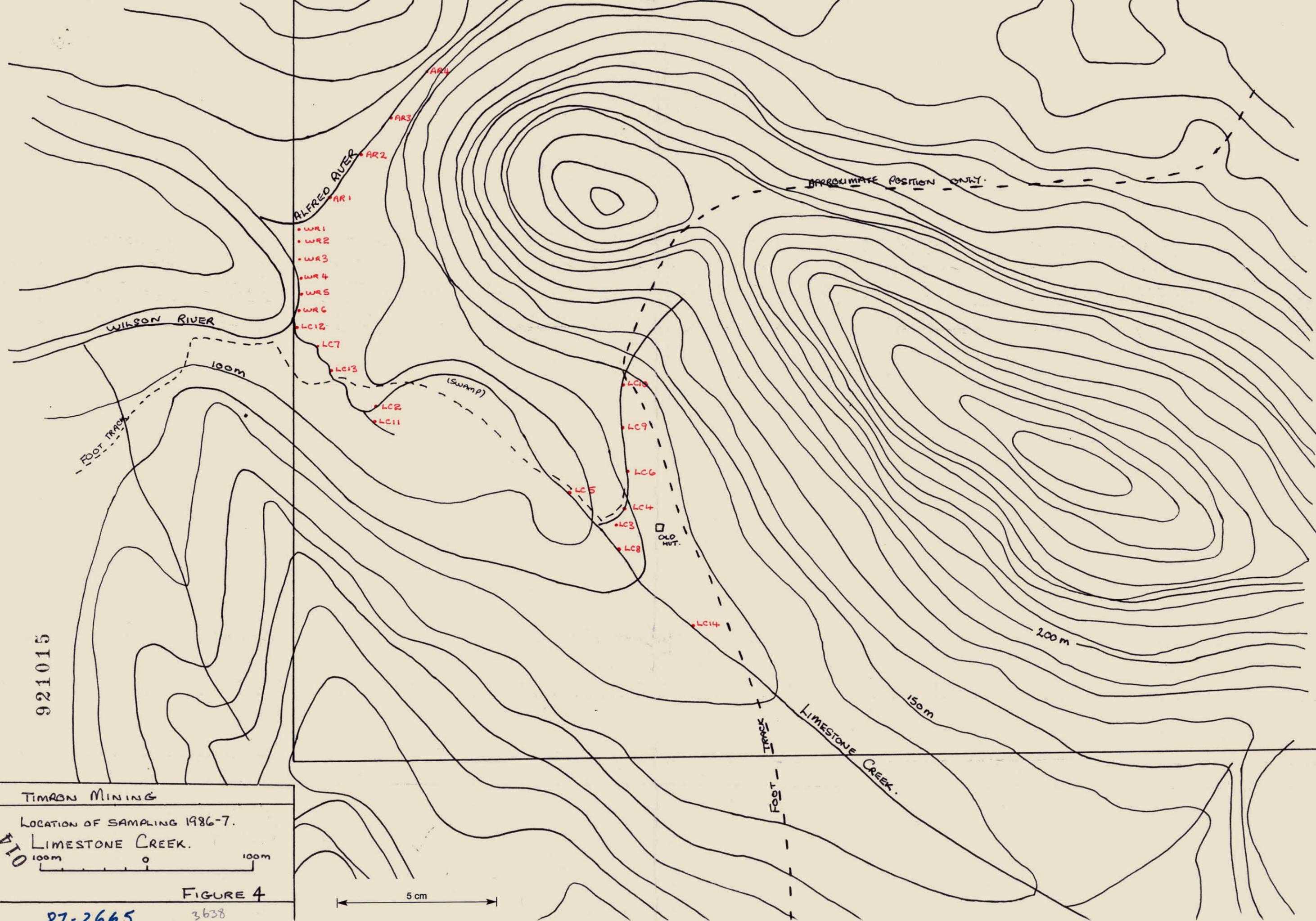


5 cm

TIMRON MINING.	
LOCALITY MAP	
E.L. 23/86	
SCALE 1:250,000	FIGURE 2



TIMRON MINING
 ALFRED RIVER AREA
 RECONOITRED LOCALITIES
 FIGURE THREE.
 SCALE 1:50,000



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LOCATION OF SAMPLING 1986-7.

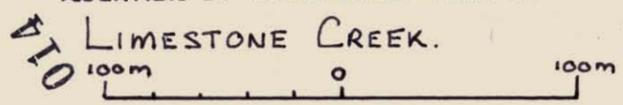


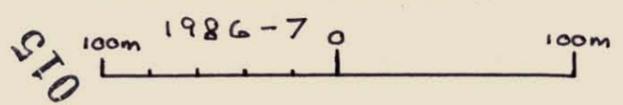
FIGURE 4

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PARSONS

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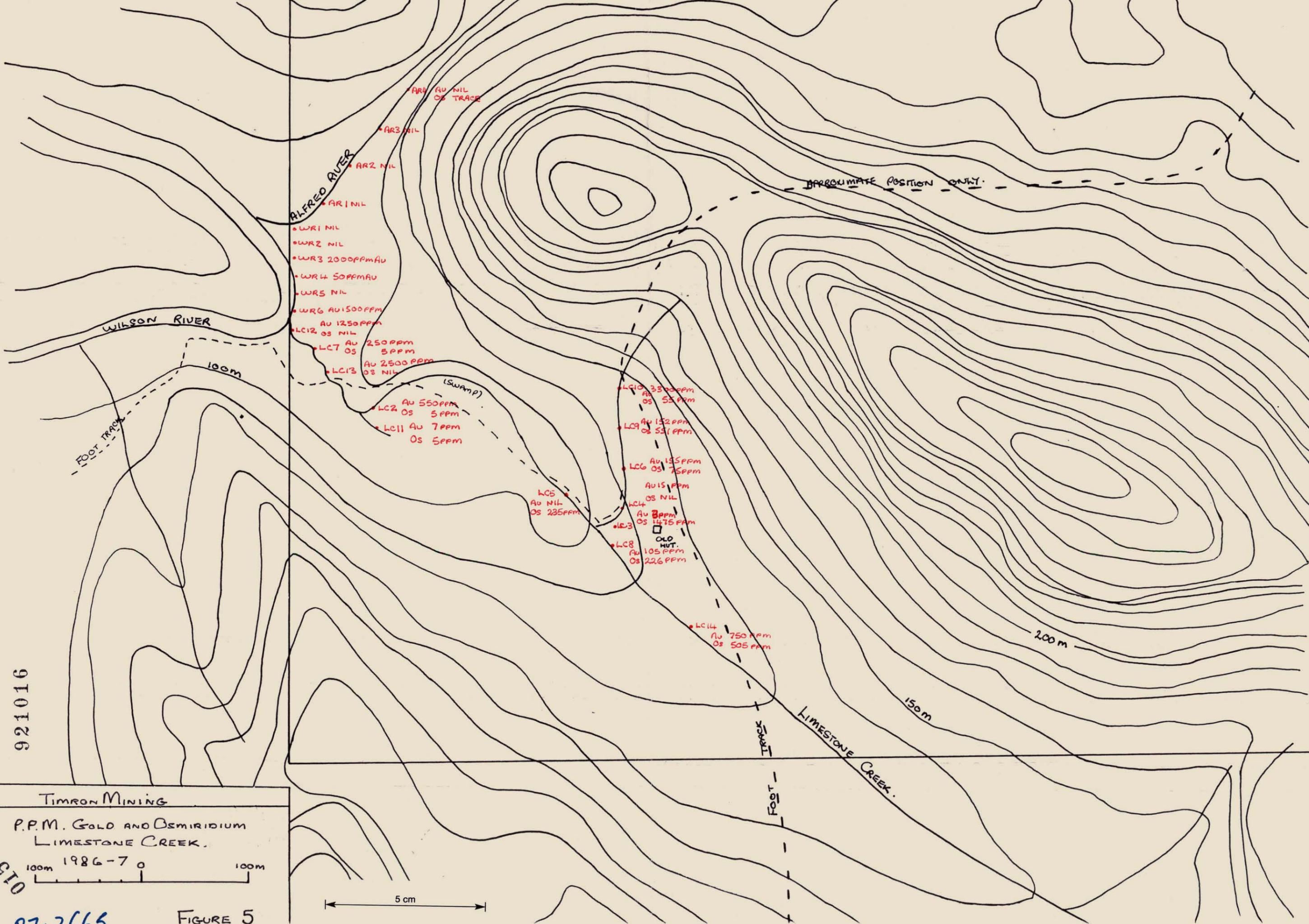
TIMRON MINING
P.P.M. GOLD AND OSMIRIDIUM
LIMESTONE CREEK.



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FIGURE 5

5 cm



AR4 Au NIL
Os TRACE

AR3 NIL

AR2 NIL

AR1 NIL

WR1 NIL

WR2 NIL

WR3 2000 PPM Au

WR4 50 PPM Au

WR5 NIL

WR6 Au 1500 PPM

Au 1250 PPM

LC12 Os NIL

LC7 Au 250 PPM

Os 5 PPM

LC13 Au 2500 PPM

Os NIL

(SWAMP)

LC2 Au 550 PPM

Os 5 PPM

LC11 Au 7 PPM

Os 5 PPM

LC5

Au NIL

Os 235 PPM

LC10 Au 3300 PPM

Os 55 PPM

LC9 Au 152 PPM

Os 55 PPM

LC6 Au 155 PPM

Os 75 PPM

Au 15 PPM

Os NIL

LC4 Au 8 PPM

Os 1475 PPM

LC3

LC8 Au 105 PPM

Os 226 PPM

OLD HUT.

LC14 Au 750 PPM

Os 505 PPM

APPROXIMATE POSITION ONLY.

WILSON RIVER

FOOT TRACK

100m

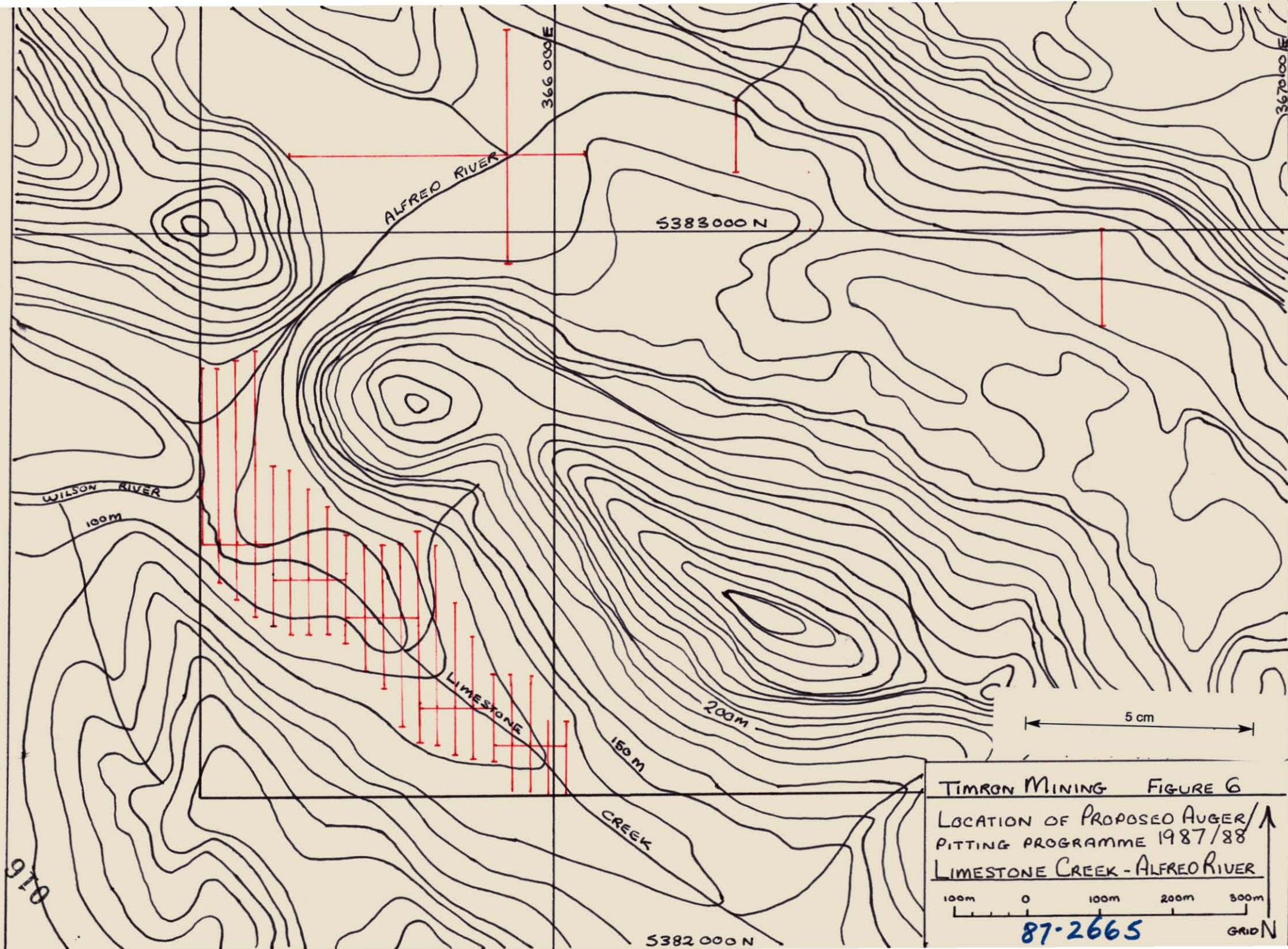
TRACK

FOOT

LIMESTONE CREEK.

150m

200m



TIMRON MINING FIGURE 6
 LOCATION OF PROPOSED AUGER/
 PITTING PROGRAMME 1987/88
 LIMESTONE CREEK - ALFRED RIVER

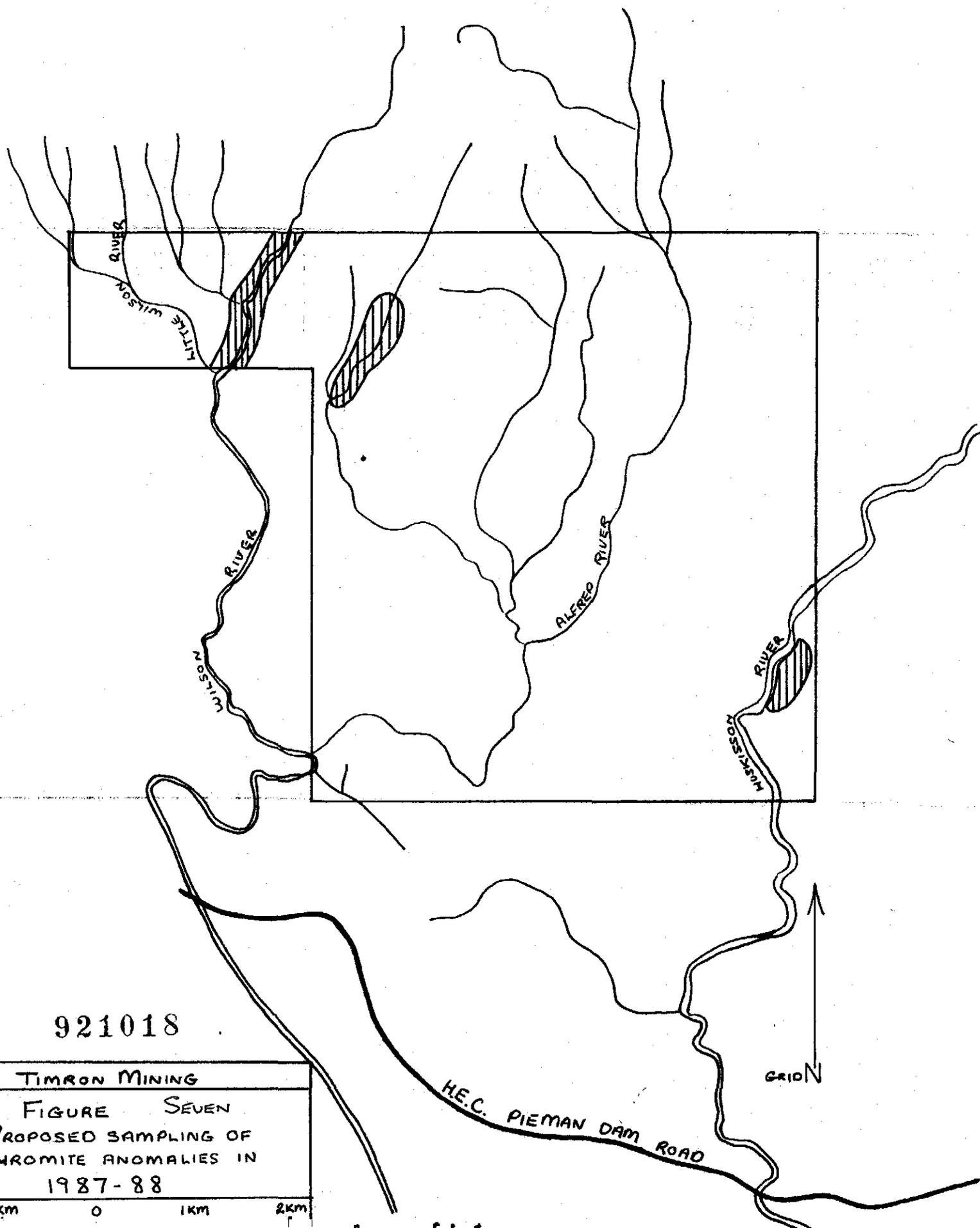
100m 0 100m 200m 300m
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5 cm



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FIGURE SEVEN			
PROPOSED SAMPLING OF			
CHROMITE ANOMALIES IN			
1987-88			
1KM	0	1KM	2KM