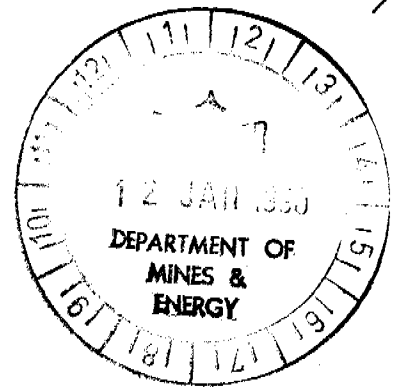




EXPLORATION LICENCE 5588
ANNUAL REPORT ON EXPLORATION

11 December 1988 - 10 December 1989

Pine Creek 1:250,000 sheet SD52/8

CR90/066

R.A. MEADE
December 1989

Report No. : NT90/01s

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FIGURES

NPC 009 065	EL5588 - Regional Location Diagram
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APPENDICES

Appendix 1	Rock Chip Sampling Analytical Results
Appendix 2	RAB Drilling Data (a) Geological Logs and Analytical Data (b) Analytical Cross Section (Figure NPC 009 068)
Appendix 3	Tenure, Drainage and Sample Location Maps (1:10,000 scale) Fenton - NW (5170-1-NW-IV) Fenton - NW (5170-1-NW-I)

BIBLIOGRAPHY DATA SHEETS

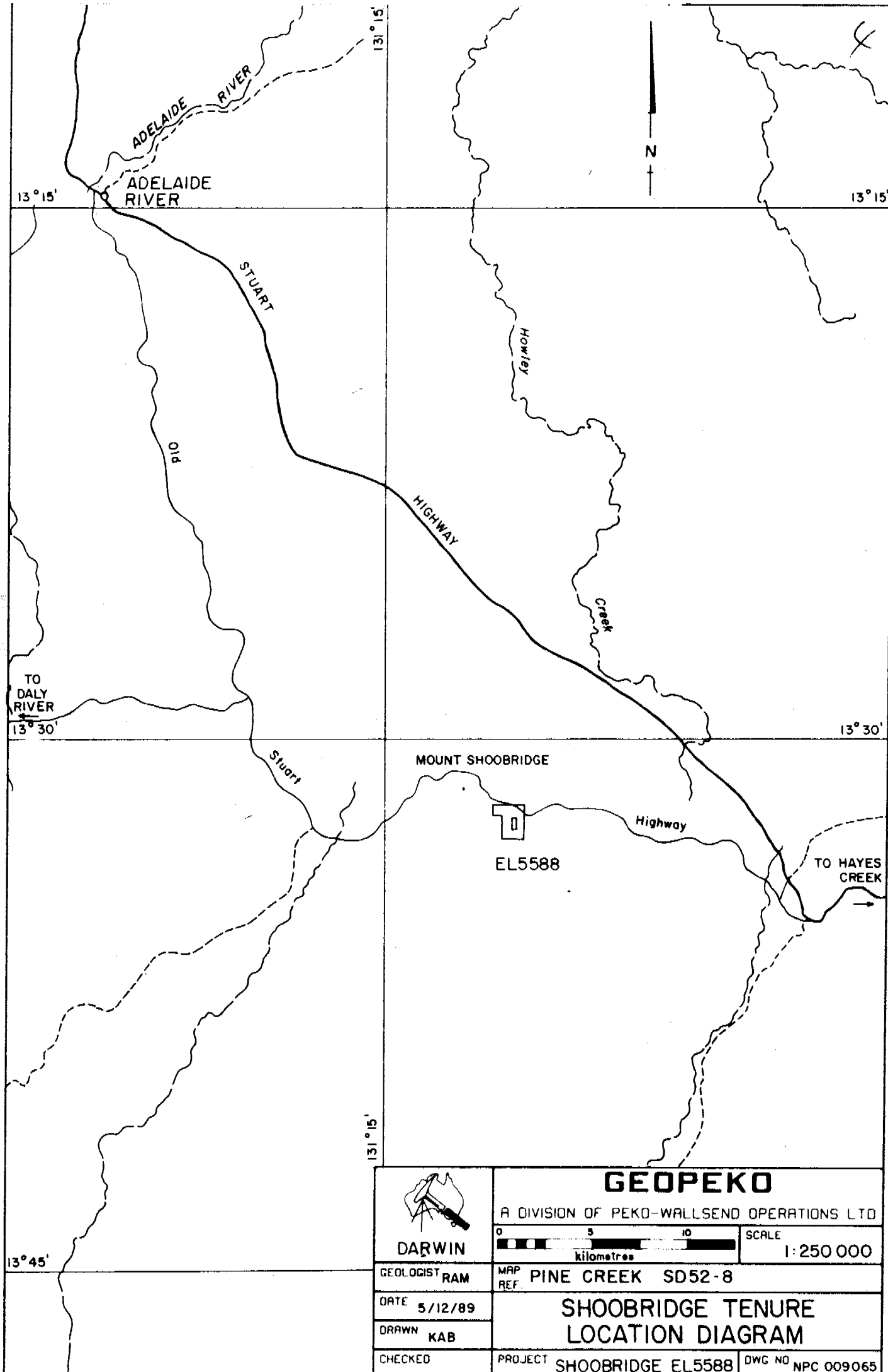
1. INTRODUCTION

Exploration Licence 5588 is located approximately 40 km southeast of Adelaide River, and comprises 1.8 sq. kms. It is contained within the Pine Creek SD52/8 1:250,000 scale and the Batchelor - Hayes Creek 5171 1:100,000 scale sheets (Figure NPC 009 065).

EL5588 was granted to Northern Territory Gold Mining NL on 11 December 1987, and now forms part of a Joint Venture, with Norgold Ltd which Geopeko is the operator. Geopeko (A Division of Peko Wallsend Operations Ltd.) became the operator of the licence area following corporate reorganisation in early 1989.

Geopeko's field evaluation program was staffed by one geologist and up to three field technicians.

This is the second Annual Report and details all work completed by Geopeko up to 10 December 1989.



DARWIN

GEOLOGIST RAM

DATE 5/12/89

DRAWN KAB

CHECKED

GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD

0 5 10
kilometres

SCALE
1:250 000

MAP REF. PINE CREEK SD52-8

**SHOOBRIDGE TENURE
LOCATION DIAGRAM**

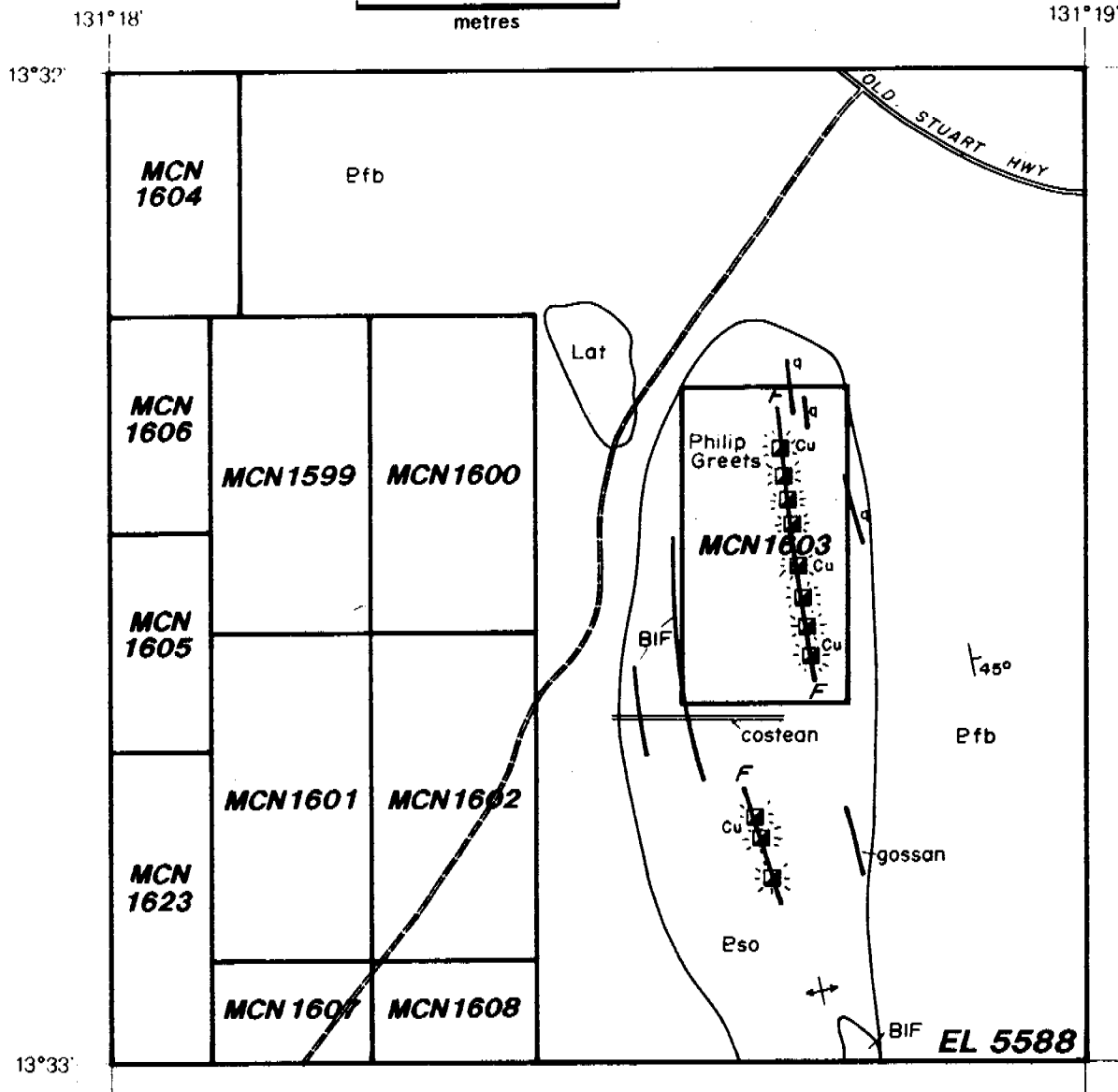
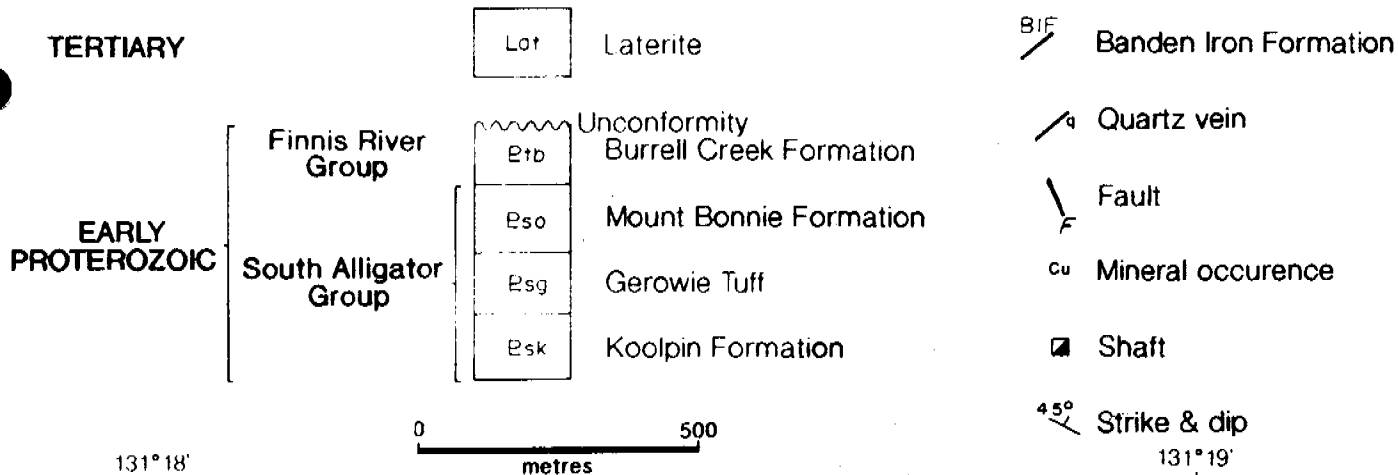
PROJECT SHOOBRIDGE EL5588 DWG NO NPC 009065

2. REGIONAL GEOLOGY

The geology of the licence area comprises rocks of the Early Proterozoic Finnis River Group and conformably underlying South Alligator Group. A broad north-south trending anticlinal feature exposes siltstones and banded iron formations of the Mount Bonne Formation, within the central portion of EL5588. This Formation is known to host copper mineralisation locally, at the Phillip Creets prospect (Figure NPC 009 033).

Surrounding the Mount Bonnie Formation is a simple sequence of siltstones and sandstones of the Burrell Creek Formation. These rocks are phyllitic in places with rare fine pebble conglomerate horizons

LEGEND



EL 5588 - MT SHOBRIDGE JOINT VENTURE GEOLOGY

3. EXPLORATION DURING THE FIRST TENURE YEAR

A total of 20 rock chip samples were collected from EL5588 and were assayed for Au, Cu, Pb, Zn, Ag, Sn, and As. These samples were taken from a ridge lying immediately south of the Phillip Greets prospect. Rock samples were composed of ferruginous siltstones and sandstones, rare quartz sandstones, and wide banded iron formations of the Mount Bonnie Formation. Analytical results were discouraging, with gold assays below detection (0.01ppm), and copper assays less than 100ppm (see Appendix 1 for details).

Three Rotary Air Blast (RAB) lines were drilled with a total of 228 one metre interval samples assayed for Au, and Cu. No anomalous mineralisation was intersected with all gold assays being below detection limit (0.01ppm) and Cu rarely exceeded 100ppm (Appendix 2).

All data has been collated onto 1:10,000 base sheets draughted from 1:10,000 scale aerial photographs. Surveying of RAB lines was achieved using a 4200 JLR GPS navigational instrument (refer to Appendix 3 for diagrams).

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4. EXPENDITURE

Exploration expenditure on EL5588 in the period 11 December 1988 to 19 December 1989, being the second tenure year, totalled \$20,571 as detailed below :

<u>Category</u>	<u>\$ Expenditure</u>
Salaries	2507
Wages	1710
Base Support Cost	5623
Vehicles	71
Field Supplies	762
Sustenance	169
Drilling - RAB	3148
Contractors	1423
Analytical Costs	3893
Management Charges	1265
TOTAL	<u>\$20,571</u>

The covenant for the same period was \$15,000.

5. CONCLUSIONS

1. No anomalous mineralisation worthy of more detailed follow-up work was located within EL5588.
2. Potential extensions to Cu mineralisation outside of the Phillip Greets prospect is poor.

6. RECOMMENDATIONS

No further work to be conducted on EL5588.

APPENDIX 1

Rock Chip Sampling Results



CLASSIC COMLABS LTD

Analytical Laboratories (INC. IN W.A.)

Marjorie Street, Berrimah, Northern Territory 0828
P.O. Box 58, Berrimah, Northern Territory 0828
Telephone: (089) 32 2637; Fax: (089) 32 3531

16th October 1989

REPORT NUMBER 9DN1427

CLIENT : GEOPEKO

CLIENT REFERENCE : Order Number : 38052
NT 601

REPORT COMPRISING : Cover Page
Pages 1 to 2
Page G1

DATE RECEIVED : 20th September 1989

Alan Cipllys
Manager
CLASSIC COMLABS LTD. (N.T.)

This report relates specifically to the sample(s) tested
in so far as that the sample(s) is truly representative
of the sample source as supplied.

Analysis code FA1
AAS1/2

Report 9DN1427

Page G1

Order No. 38052

Results in ppm

Sample	Au	Cu	Pb	Zn	Ag
--------	----	----	----	----	----

T-0068	<0.01	274	<5	7	<1	EL5588 ROCK CHIP
T-0069	<0.01	545	6	8	<1	
T-0070	<0.01	636	14	7	<1	
T-0071	<0.01	364	<5	7	<1	
T-0072	<0.01	239	<5	9	<1	
T-0073	<0.01	214	<5	8	<1	
T-0074	<0.01	423	<5	9	<1	
T-0075	<0.01	367	<5	16	<1	
T-0076	<0.01	415	<5	23	<1	
T-0077	<0.01	348	<5	41	<1	
T-0078	<0.01	622	<5	19	<1	
T-0079	<0.01	566	<5	26	<1	
T-0080	<0.01	289	<5	19	<1	
T-0081	<0.01	165	<5	48	<1	
T-0082	<0.01	126	<5	52	<1	
T-0083	<0.01	178	14	11	<1	
T-0084	<0.01	183	23	10	<1	
T-0085	<0.01	85	7	10	<1	
T-0086	<0.01	<0.01	220	<5	8	<1
T-0079B*	<0.01	544	11	6	<1	

*Sample Received Not Listed

Detn limit	(0.01)	(2)	(5)	(2)	(1)
------------	--------	-----	-----	-----	-----



3

Sample	Sn	As
--------	----	----

T 0068	<4	24	EL5588 ROCK CHIPS
T 0069	6	30	
T 0070	4	95	
T 0071	<4	65	
T 0072	<4	60	
T 0073	6	42	
T 0074	4	48	
T 0075	<4	38	
T 0076	6	15	
T 0077	<4	13	
T 0078	4	55	
T 0079A	<4	70	
T 0079B	<4	95	
T 0080	4	75	
T 0081	<4	12	
T 0082	<4	19	
T 0083	<4	42	
T 0084	<4	60	
T 0085	<4	22	
T 0086	<4	36	

Detn limit	(4)	(2)
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APPENDIX 2

Geological Log RAB Drilling with
Analytical Results

GEOPEKO - DRILLING LOG SHEET

PROSPECT: MOUNT SHOOBRIDGE

HOLE No: LINE 4

PAGE OF

GEOLOGICAL LOG	Mineral Percentages							Sample Number	Interval From To	Au ppm	Cu ppm	
	SLST	SST	PHYL	CLAY	QTZ	SULP						
H1 - Dark brown v. micaceous phyllite, v. slightly siliceous			100					T-0694	2-3	<0.01	11	
- as above			100					T-0695	3-4	<0.01	11	
- as above			100					T-0696	4-5	<0.01	5	
H2 - as above			100					T-0697	2-3	"	13	
- as above			100					T-0698	3-4	"	4	
- as above but stained & bleached ferr. phyllite			100					T-0699	4-5	"	28	
H3 - as above, very low Si content -Phyllite clay			100					T-0700	2-3	"	45	
as above			100					T-0701	3-4	"	125	
- slightly more siliceous (harder) phyllite			100					T-0702	4-5	"	84	
H4 - soft v micaceous phyllite			100					T-0703	2-3	"	18	
- as above			100					T-0704	3-4	"	21	
as above			100					T-0705	4-5	"	47	
- as above			100					T-0706	5-6	"	54	
- as above			100					T-0707	6-7	"	31	
- as above			100					T-0708	7-8	"	17	
H5 - soft v. micaceous phyllite			100					T-0710	2-3	"	48	
- as above			100					T-0711	3-4	"	65	
- as above			100					T-0712	4-5	"	20	
H6 - soft v. micaceous phyllite .			100					T-0713	2-3	"	15	
- as above			100					T-714	3-4	"	22	
- as above			100					T-715	4-5	"	31	

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GEOPEKO - DRILLING LOG SHEET

PROSPECT: MOUNT SHOEBRIDGE

HOLE No: LINE 4

PAGE OF

GEOLOGICAL LOG	Mineral Percentages							Sample Number	Interval From To	Au ppm	Cu ppm	
	SLST	SST	PHYI	CLAY	QTZ	SULP						
H7 - soft v. micaceous phyllite/clay			100					T-0716	2-3	<0.01	41	
- as above			100					T-0717	7-4	"	26	
as above			100					T-0718	4-5	"	29	
H8 - soft v. micaceous phyllite, some milky qtz			98		2			T-0719	2-7	"	8	
- as above no quartz			100					T-0720	3-4	"	22	
- as above			100					T-0721	4-5	"	4	
H9- soft v. micaceous phyllite/clay			100					T-0722	2-3	"	4	
- as above								T-0723		"	78	
- harder phyllite and milky quartz			95		5			T-0724	4-5	"	195	
H10 - soft v. micaceous phyllite			100					T-0726	2-3	"	84	
- as above			100					T-0727	3-4	"	250	
- as above traces f.g. sil white sst & quartz		Tr	100			Tr		T-0728	4-5	"	145	
H11- soft v micaceous phyllite			100					T-0729	2-3	"	8	
- as above some fq sil white sst		2	98					T-0730	3-4	"	4	
- as above			100					T-0731	4-5	"	18	
H12 - soft v. micaceous phyllite			100					T-0732	2-3	"	8	
-as above, some f q sil & ferr. sst		2	98					T-0733	3-4	"	21	
- as above			100					T-0734	4-5	"	53	
H13 - soft v micaceous phyllite			100					T-0735	2-3	"	10	
- soft v. micaceous phyllite			100					T-0736	3-4	"	13	
- soft v micaceous phyllite			100					T-0737	4-5	"	18	

GEOPEKO - DRILLING LOG SHEET				PROSPECT: MOUNT SHOOBRIDGE				HOLE No:		LINE 5		PAGE		OF	
GEOLOGICAL LOG				Mineral Percentages						Sample Number	Interval From To	Au ppm	Cu ppm		
				SLST	SST	PHYL	CLAY	QTZ	SULP						
H1 - f.g. stained & bleached ferruginous sst					100						T-745	2-3	<0.01	14	
- as above + clear qtz fragments					95			5			T-0746	3-4	"	6	
- as above					100			tr			T-0747	4-5	"	7	
as above + milky qtz fragments					98			2			T-0748	5-6	"	9	
H2 - v.f.g. sediment with clear qtz fragments					45		50	5			T-0749	2-3	"	64	
- f.g. stained & bleached ferruginous					45		50	5			T-0750	3-4	"	34	
- as above					93			7			T-0751	4-5	"	23	
- as above + more micaceous phyllite					85	5		10			T-0752	5-6	"	22	
- fg-mg stained ferr. sst + qtz					97			3			T-0753	6-7	"	28	
- as above					90			10			T-0754	7-8	"	11	
H3 - fg. - mg sst, phyllite & qtz					85	5		10			T-0755	2-3	"	29	
- as above					93	2		5			T-0756	3-4	"	28	
- as above					98			2			T-0757	4-5	"	9	
H4 - Phyllite f.g stained ferruginous sed. milky qtz					25	60		15			T-0758	2-3	"	9	
- as above					20	76		4			T-0759	3-4	"	21	
- as above					15	70		15			T-0761	4-5	"	23	
- v.f.g. sil sed, phyllite				10		86		4			T-0762	5-6	"	9	
H5 - f.g. slightly ferruginous sst, traces of qtz					100			Tr			T-0763	2-3	"	14	
- f.g. stained & bleached ferr. sst					100			Tr			T-0764	3-4	"	7	
- as above					95			5			T-0765	4-5	"	11	
H6 - v.f.g. ferruginous stained sed. phyllite					60	40					T-0766	2-3	"	15	
- as above					25	75					T-0767		" "	23	
- as above					10	85		5			T-0768		"	59	

GEOPEKO - DRILLING LOG SHEET			PROSPECT: MOUNT SHOORBRIDGE			HOLE No: LINE 5			PAGE OF					
GEOLOGICAL LOG			Mineral Percentages							Sample Number	Interval From To	Au ppm	Cu ppm	
			SLST	SST	PHYL	CLAY	QTZ	SULP	CALC					
H6 - (cont) f.g. stained & bleached seliceous sed				100						T-0769	5-5.5	<0.01	51	
H7 - f.g. stained & bleached ferr. sed, phyllite + quartz				55	40		5			T-0770	2-3	"	36	
- as above				40	60		Tr			T-0771	3-4	"	17	
- as above				30	70		Tr			T-0772	4-5	"	17	
H8 - phyllite + f.g. ferruginous sst				10	90					T-0773	2-3	"	62	
- as above				15	85		Tr			T-0774	3-4	"	79	
- as above				60	40		Tr			T-0775	4-5	"	51	
H9 - f.g. stained & bleached ferruginous sst, phyllite, qtz				93	5		2			T-0777	2-3	"	17	
- as above				90	10					T-0778	3-4	"	10	
- as above				40	60					T-0779	4-5	"	22	
H10- soft, v. micaceous phyllite					100					T-0780	2-3	"	28	
- soft pyllite + white calcrete ? fragments					80			20		T-0781	3-4	"	17	
- as above					60			40		T-0782	4-5	"	18	
H11 - soft micaceous phyllite, calcrete					90			10		T-0783	2-3	"	36	
- as above					50			50		T-0784		"	31	
- as above					90			10		T-0785	4-5	"	20	
H12 - phyllite clay & soft v. micaceous phyllite					50	50				T-0786	2-3	"	24	
- white calcrete soft phyllite/clay, f.g. ferruginous slst			10		75			15		T-0787	3-4	"	24	
- as above			10		38		2	50		T-0788	4-5	"	12	
H13 - soft v. micaceous phyllite3clay,calcrete,f.g. ferr. slst			5		90			5		T-0789	2-3	"	18	
- as above			10		65			25		T-0790	3-4	"	15	

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GEOPEKO - DRILLING LOG SHEET

PROSPECT: MOUNT SHOOBRIDGE

HOLE No: LINE 5

PAGE OF

GEOLOGICAL LOG	Mineral Percentages							Sample Number	Interval From To	Au ppm	Cu ppm	
	SLST	SST	PHYL	CLAY	QTZ	SULP	CALC					
H13(cont)- phyllite f.g. ferruginous sed. calcrete	10		85				5	T-0791	4-5	<0.01	19	
H14 - soft v. micaceous phyllite, calcrete			95				5	T-0793	2-3	"	22	
- as above			90				10	T-0794	3-4	"	9	
- as above			80				20	T-0795	4-5	"	24	
H15 - soft v. micaceous phyllite, f.g ferruginous sed	15		85	Tr				T-0796		"	14	
- soft phyllite/clay, f.g. ferr. sed + calcrete	5		65				30	T-0797	3-4	"	9	
- as above	5	75					20	T-0798	4-5	"	13	
H16- phyllite f.g. ferruginous sed. calcrete fragments	5	93			Tr		2	T-0799	2-3	"	15	
- as above	5		95				5	T-0800	3-4	"	14	
- as above			85				15	T-0801	4-5	"	10	
H17 - phyllite + f.g. ferruginous sed	10		90					T-0802	2-3	"	22	
- as above + trace calcrete & qtz.	5		93		2		Tr	T-0803	3-4	"	22	
- as above	Tr		85				15	T-0804	4-5	"	84	
H18 - f.g. ferruginous sed. & phyllite	5		95					T-0805	2-3	"	63	
- as above	5	95						T-0806	3-4	"	95	
- as above	5	95						T-0807	4-5	"	190	
H19- f.g. ferruginous / siliceous sst phyllite		30	70					T-0809	2-3	"	155	
- f.g. ferruginous slst, phyllite	5		95					T-0810		"	54	
- phyllite, clear qtz fragment			98		2			T-0811	4-5	"	88	
H20 - phyllite + f.g. ferruginous stained sst		20	80				Tr	T-0812	2-3	"	68	
- as above		5	90				5	T-0812	3-4	"	120	

GEOPEKO - DRILLING LOG SHEET			PROSPECT: MOUNT SHOOBRIDGE			HOLE No: LINE 5			PAGE OF				
GEOLOGICAL LOG	Mineral Percentages							Sample Number	Interval From To	Au ppm	Cu ppm		
	SLST	SST	PHYL	CLAY	QTZ	SULP	CALC						
H20 (cont.) - phyllite f.g. ferruginous /siliceous sed. calcrete		5	93				2		T-0814	4-5	<0.01	195	
H21 - v.f.g. ferruginous slst. f.g. sst, phyllite , milky qtz	15	10	70		5				T-0815	2-3	"	63	
- as above + calcrete fragments	2	5	88		Tr		5		T-0816	3-4	"	175	
- as above	5		80				15		T-0817	4-5	"	34	
H22 - milky quartz, stained & bleached ferruginous f.g. sed		20			80				T-0818		"	75	
- as above + phyllite		10	10		80				T-0819	3-4	"	120	
- as above			80		20				T-0820	4-5	"	105	
H23 -stained & bleached ferruginous f.g. sst, phyllite		15	83		2				T-0821	2-3	"	41	
- as above		100	Tr		Tr				T-0822	3-4	"	54	
- phyllite, cone ferr. f.g. sed, calcrete		10	85		Tr		5		T-0823	4-5	"	89	
H24 - f.g. ferruginous stained & bleached sed		98			2				T-0825	2-3	"	72	
- f.g. siliceous grey sed. phyllite		50	50						T-0826	3-4	"	42	
- f.g. ferruginous stained & bleached sed. phyllite		95	5				Tr		T-0827	4-5	"	16	
H25 - phyllite, v.f.g. ferruginous sed	5		93		2				T-0828	2-3	"	175	
- as above + non ferruginous f.g. sed		90	10						T-0829	3-4	"	82	
- as above		95	5						T-0830	4-5	"	62	
H26 - phyllite v.f.g. ferruginous sed. milky qtz	5		90		5				T-0831	2-3	"	91	
- phyllite		100							T-0882	3-4	"	72	
- as above									T-0883	4-5	"	22	
H27 - Phyllite, f.g. stained & bleached ferruginous sed.		40	60						T-0834	2-3	"	38	
- as above		20	80						T-0835	3-4	"	18	

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GEOPEKO - DRILLING LOG SHEET

PROSPECT: MOUNT SHOOBRIDGE

HOLE No: LINE 6

PAGE OF

GEOLOGICAL LOG	Mineral Percentages								Sample Number	Interval From To	Au ppm	Cu ppm	
	SLST	SST	PHYL	CLAY	QTZ	SULP	CALC						
H1 - soft slightly ferruginous phyllite			100						T-0850	2-3	<0.01	10	
- as above + clear quartz			97		3				T-0851	3-4	"	5	
- as above, very soft phyllites			97		3				T-0852	4-5	"	11	
- phyllite fq -mg sst, quartz		30	65		5				T-0853	5-6	"	8	
- f.g. siliceous sst		85	15		Tr				T-0854	6-7	"	21	
- as above		85	15						T-0855	7-8	"	26	
H2 - phyllite/phyllite clay clear quartz			85		15				T-0856	2-3	"	11	
- phyllite, traces calcrete			98				2		T-0857	3-4	"	100	
- as above			100						T-0858	4-5	"	82	
H3 - m g ferruginous sst + phyllite		2	98						T-0859	2-3	"	19	
- phyllite			100						T-0860	3-4	"	15	
- v. soft phyllite + clear quartz			97		3				T-0861	4-5	"	7	
H4- soft phyllite/phyllite clay, f.g. v. ferruginous sst nodule		5	95						T-0862	2-3	"	7	
- f.g. sst + phyllite		30	70						T-0863	3-4	"	16	
- phyllite			100						T-0864	4-5	"	28	
H5 - phyllite / phyllite clay			100						T-0866	2-3	"	12	
- phyllite + f.g. ferruginous sst		5	95						T-0867	3-4	"	20	
- as above		Tr	100						T-0868	4-5	"	10	
H6 - phyllite			100						T-0869	3-4	"	10	
- brown ferruginous grey phyllite			100						T-0870	4-5	"	12	
H7 - phyllite + traces qtz & calcrete			100		Tr		Tr		T-0871	3-4	"	17	
as above			100				Tr		T-0872	4-5	"	18	

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GEOPEKO - DRILLING LOG SHEET				PROSPECT: MOUNT SHOEBRIDGE				HOLE No: LINE 6				PAGE		OF	
GEOLOGICAL LOG				Mineral Percentages					Sample Number	Interval		Au ppm	Cu ppm		
				SLST	SST	PHYL	CLAY	QTZ	SULF	CALC	From	To			
H8 - f.g. ferruginous sst, phyllite, stained qtz					60	35		5			T-0873	3-4	10.01	17	
- as above					5	95					T-0874	4-5	"	35	
H9 - soft phyllite / phyllite clay						100					T-0875	3-4	"	26	
- as above + traces milky qtz & calcrete						93		2		5	T-0876	4-5	"	14	
H10 - soft phyllite (dark)						100					T-0877	3-4	"	19	
- as above						100					T-0878	4-5	"	29	
H11 - bleached & stained slightly ferruginous phyllite						100					T-0879	3-4	"	185	
- as above + milky qtz						80		20			T-0880	4-5	"	160	
H12 - bleached & stained ferr. phyllite						100					T-0881	3-4	"	23	
- as above						100					T-0883	4-5	"	32	
H13 - as above						100					T-0844	4-5	"	82	
as above						100					T-0885	4-5	"	53	
H14 - soft grey phyllite, some ferr. staining						100		Tr			T-0886	3-4	"	13	
- as above						100					T-0887	4-5	"	34	
H15 - f.g. hard siliceous sed. soft phyllite					90	10					T-0888	3-4	"	22	
- stained & bleached ferruginous phyllite						100					T-0889	4-5	"	13	
H16 - dark phyllite						100					T-0890	3-4	"	105	
-						100					T-0891	4-5	"	150	

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GEOPEKO - DRILLING LOG SHEET

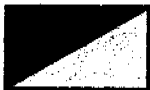
PROSPECT: MOUNT SHOEBRIDGE

HOLE No: LINE 6

PAGE OF

GEOLOGICAL LOG	Mineral Percentages								Sample Number	Interval From To	Au ppm	Cu ppm	
	SLST	SST	PHYL	CLAY	QTZ	SULP	CALC						
H17 - f.g. stained/bleached ferr. sed. + phyllite		10	90						T-0892	3-4	<0.01	42	
- as above			100						T-0893	4-5	"	60	
H18 - slightly ferruginous phyllite			100						T-0894	3-4	"	82	
- as above			100						T-0895	4-5	"	34	
H19 - as above			100						T-0896	3-4	"	125	
- as above			100						T-0897	4-5	"	71	
H20 - f.g. white siliceous sed. with pink ferruginous staining		100	Tr		Tr				T-0898	3-4	"	17	
- as above + slightly milky quartz		85	5		10				T-0900	4-5	"	39	
H21 - F.g. white siliceous sed with pink ferruginous staining		100	Tr						T-0901	3-4	"	6	
- as above, some phyllite		95	5						T-0902	4-5	"	6	
- as above		100							T-0903	5-6	"	5	
- as above		100							T-0904	6-7	"	8	
H22 - soft phyllite			100						T-0905	3-4	"	15	
- as above			100						T-0906	4-5	"	14	
H23 - soft phyllite			100						T-0907	3-4	"	2	
- as above			100						T-0908	4-5	"	4	
H24 - as above			100						T-0909	3-4	"	15	
- as above			100						T-0910	4-5	"	6	
H25 - as above									T-0911	4-5	"	5	
- as above									T-0912	4-5	"	21	

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CLASSIC COMLABS LTD

Analytical Laboratories (INC. IN W.A.)

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P.O. Box 58, Berrimah, Northern Territory 0828
Telephone: (089) 32 2637; Fax: (089) 32 3531

27th October 1989

REPORT NUMBER 9DN1570

CLIENT : GEOPEKO

CLIENT REFERENCE : Order Number : 38087 NT 605

REPORT COMPRISING : Cover Page
Pages G1 to G6

DATE RECEIVED : 5th October 1989

Alan Cipllys
Manager
CLASSIC COMLABS LTD. (N.T.)

This report relates specifically to the sample(s) tested
in so far as that the sample(s) is truly representative
of the sample source as supplied.



SHOOBRIDGE AREA

Analysis code FA1
AAS1

Report 9DN1570

Page G1

Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0666	<0.01	25	3	9	2-3
T0667	<0.01	13			3-4
T0668	<0.01	13			4-5
T0669	<0.01	18		10	2-3
T0670	<0.01	19			2-3 repeat
T0671	<0.01	12			3-4
T0672	<0.01	12			4-5
T0673	<0.01	21			5-6
T0674	<0.01	12		11	2-3
T0675	0.04	13			3-4
T0676	<0.01	9			4-5
T0677	<0.01	15		12	2-3
T0678	0.12	23			3-4
T0679	0.05	18			4-5
T0680	0.01	15		13	2-3
T0681	<0.01	51			3-4
T0682	0.04	41			4-5
T0683	0.08	35			4-5 repeat
T0684	0.10	29			5-5.5
T0685	<0.01	28		14	2-3
T0686	0.10	26			3-4
T0687	<0.01	4			4-5
T0688	<0.01	24		15	2-3
T0689	<0.01	20			3-4
T0690	<0.01	49			4-5
T0691	<0.01	23		16	2-3
T0692	<0.01	18			3-4
T0693	<0.01	51			4-5
T0694	<0.01	11	4	1	2-3
T0695	<0.01	11			3-4
T0696	<0.01	5			4-5
T0697	<0.01	13		2	2-3
T0698	<0.01	4			3-4
T0699	<0.01	28			4-5
T0700	<0.01	45		3	2-3
T0701	<0.01	125			3-4
T0702	<0.01	84			4-5
T0703	<0.01	18		4	2-3
T0704	<0.01	21			3-4
T0705	<0.01	47			4-5
Detn limit	(0.01)	(2)			



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Analysis code FA1
AAS1

Report 9DN1570

Page G2

Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0706	<0.01	54	4	4	5-6
T0707	<0.01	31			6-7
T0708	<0.01	17			7-8
T0709	<0.01	19			7-8 repeat
T0710	<0.01	48		5	2-3
T0711	<0.01	65			3-4
T0712	<0.01	20			4-5
T0713	<0.01	15		6	2-3
T0714	<0.01	22			3-4
T0715	<0.01	31			4-5
T0716	<0.01	41		7	2-3
T0717	<0.01	26			3-4
T0718	<0.01	29			4-5
T0719	<0.01	8		8	2-3
T0720	<0.01	22			3-4
T0721	<0.01	4			4-5
T0722	<0.01	4		9	2-3
T0723	<0.01	78			3-4
T0724	<0.01	195			4-5
T0725	<0.01	195			4-5 repeat
T0726	<0.01	84		10	2-3
T0727	<0.01	250			3-4
T0728	<0.01	145			3-4
T0729	<0.01	8		11	2-3
T0730	<0.01	4			3-4
T0731	<0.01	18			4-5
T0732	<0.01	8		12	2-3
T0733	<0.01	21			3-4
T0734	<0.01	53			4-5
T0735	<0.01	10		13	2-3
T0736	<0.01	13			3-4
T0737	<0.01	18			4-5
T0738	<0.01	30		14	2-3
T0739	<0.01	20			3-4
T0740	<0.01	38			4-5
T0741	<0.01	57			4-5 repeat
T0742	<0.01	215		15	2-3
T0743	<0.01	95			3-4
T0744	<0.01	170			4-5
T0745	<0.01	14	5	1	2-3
Detn limit	(0.01)	(2)			



SHOOBRIDGE AREA

Analysis code FA1
AAS1

Report 9DN1570

Page G3

Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0746	<0.01	6	5	1	3-4
T0747	<0.01	7			4-5
T0748	<0.01	9			5-6
T0749	<0.01	64			2-3
T0750	<0.01	34		2	3-4
T0751	<0.01	23			4-5
T0752	<0.01	22			5-6
T0753	<0.01	28			6-7
T0754	<0.01	11		3	7-8
T0755	<0.01	29			2-3
T0756	<0.01	28			3-4
T0757	<0.01	9			4-5
T0758	<0.01	9		4	2-3
T0759	<0.01	21			3-4
T0760	<0.01	23			3-4 repeat
T0761	<0.01	23			4-5
T0762	<0.01	9		5	5-6
T0763	<0.01	14			2-3
T0764	<0.01	7			3-4
T0765	<0.01	11			4-5
T0766	<0.01	15		6	2-3
T0767	<0.01	23			3-4
T0768	<0.01	59			4-5
T0769	<0.01	51			5-5.50
T0770	<0.01	36		7	2-3
T0771	<0.01	17			3-4
T0772	<0.01	17			4-5
T0773	<0.01	62			2-3
T0774	<0.01	79		8	3-4
T0775	<0.01	51			4-5
T0776	<0.01	50			4-5 repeat
T0777	<0.01	17			2-3
T0778	<0.01	10		9	3-4
T0779	<0.01	22			4-5
T0780	<0.01	28			2-3
T0781	<0.01	17			3-4
T0782	<0.01	18		10	4-5
T0783	<0.01	36			2-3
T0784	<0.01	31			3-4
T0785	<0.01	20			4-5
Detn limit	(0.01)	(2)			



SHOOBRIDGE AREA

Analysis code FA1
AAS1

Report 9DN1570

Page G4

Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0786	<0.01	24	5	12	2-3
T0787	<0.01	24			3-4
T0788	<0.01	12			4-5
T0789	<0.01	18			2-3
T0790	<0.01	15		13	3-4
T0791	<0.01	19			4-5
T0792	<0.01	12		14	4-5 repeat
T0793	<0.01	22			2-3
T0794	<0.01	9			3-4
T0795	<0.01	24			4-5
T0796	<0.01	14		15	2-3
T0797	<0.01	9			3-4
T0798	<0.01	13		16	4-5
T0799	<0.01	15			2-3
T0800	<0.01	14			3-4
T0801	<0.01	10			4-5
T0802	<0.01	22		17	2-3
T0803	<0.01	22			3-4
T0804	<0.01	84		18	4-5
T0805	<0.01	63			2-3
T0806	<0.01	95			3-4
T0807	<0.01	190			4-5
T0808	<0.01	210		19	4-5 repeat
T0809	<0.01	155			2-3
T0810	<0.01	54			3-4
T0811	<0.01	88			4-5
T0812	<0.01	68		20	2-3
T0813	<0.01	120			3-4
T0814	<0.01	195		21	4-5
T0815	<0.01	63			2-3
T0816	<0.01	175			3-4
T0817	<0.01	34			4-5
T0818	<0.01	75		22	2-3
T0819	<0.01	120			3-4
T0820	<0.01	105			4-5
T0821	<0.01	41			2-3
T0822	<0.01	54		23	3-4
T0823	<0.01	89			4-5
T0824	<0.01	76			4-5 repeat
T0825	<0.01	72			2-3
Detn limit	(0.01)	(2)			



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SHOOBRIDGE AREA

Analysis code FA1
AAS1

Report 9DN1570

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Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0826	<0.01	42	5	24	3-4
T0827	<0.01	16			4-5
T0828	<0.01	175		25	2-3
T0829	<0.01	82			3-4
T0830	<0.01	62			4-5
T0831	<0.01	91		26	2-3
T0832	<0.01	72			3-4
T0833	<0.01	22			4-5
T0834	<0.01	38		27	2-3
T0835	<0.01	18			3-4
T0836	<0.01	57			4-5
T0837	<0.01	20		28	2-3
T0838	<0.01	19			3-4
T0839	<0.01	16			4-5
T0840	<0.01	69		29	2-3
T0841	<0.01	190			2-3 repeat
T0842	<0.01	115			3-4
T0843	<0.01	35			4-5
T0844	<0.01	20		30	2-3
T0845	<0.01	13			3-4
T0846	<0.01	15			4-5
T0847	<0.01	55		31	2-3
T0848	<0.01	19			3-4
T0849	<0.01	21			4-5
T0850	<0.01	10	6	1	2-3
T0851	<0.01	5			3-4
T0852	<0.01	11			4-5
T0853	<0.01	8			5-6
T0854	<0.01	21			6-7
T0855	<0.01	26			7-8
T0856	<0.01	11		2	2-3
T0857	<0.01	100			3-4
T0858	<0.01	82			4-5
T0859	<0.01	19		3	2-3
T0860	<0.01	15			3-4
T0861	<0.01	7			4-5
T0862	<0.01	7		4	2-3
T0863	<0.01	16			3-4
T0864	<0.01	28			4-5
T0865	<0.01	16			4-5 repeat
Detn limit	(0.01)	(2)			



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SHOOBRIDGE AREA

Analysis code FA1
AAS1

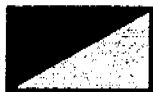
Report 9DN1570

Page G6

Order No. 38087

Results in ppm

Sample	Au	Cu	Line	Hole No.	Interval
T0866	<0.01	12	6	5	2-3
T0867	<0.01	20			3-4
T0868	<0.01	10			4-5
T0869	<0.01	10		6	3-4
T0870	<0.01	12			4-5
T0871	<0.01	17		7	3-4
T0872	<0.01	18			4-5
T0873	<0.01	17		8	3-4
T0874	<0.01	35			4-5
T0875	<0.01	26		9	3-4
T0876	<0.01	14			4-5
T0877	<0.01	19		10	3-4
T0878	<0.01	29			4-5
T0879	<0.01	185		11	3-4
T0880	<0.01	160			4-5
T0881	<0.01	23		12	3-4
T0882	<0.01	19			3-4 repea
T0883	<0.01	32			4-5
T0884	<0.01	82		13	3-4
T0885	<0.01	53			4-5
T0886	<0.01	13		14	3-4
T0887	<0.01	34			4-5
T0888	<0.01	22		15	3-4
T0889	<0.01	13			4-5
Detn limit	(0.01)	(2)			



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27th October 1989

REPORT NUMBER 9DN1596

CLIENT : GEOPEKO

CLIENT REFERENCE : Order Number : 38092 NT 651

REPORT COMPRISING : Cover Page
Pages G1 to G5

DATE RECEIVED : 10th October 1989

Alan Ciplys
Manager
CLASSIC COMLABS LTD. (N.T.)

This report relates specifically to the sample(s) tested
in so far as that the sample(s) is truly representative
of the sample source as supplied.



SHOOBRIDGE AREA

Analysis code FA1
AAS1

Report 9DN1596

Page G1

Order No. 38092

Results in ppm

Sample		Au	Cu	Line	Hole No.	Interval
0890		<0.01	105	6	16	3-4
0891		<0.01	150			4-5
0892		<0.01	42		17	3-4
0893		<0.01	60			4-5
0894		<0.01	82		18	3-4
0895		<0.01	34			4-5
0896		<0.01	125		19	3-4
0897		<0.01	71		19	4-5
0898		<0.01	13		20	3-4
0899		<0.01	7			3-4 repeat
0900		<0.01	39			4-5
0901		<0.01	6		21	3-4
0902		<0.01	6			4-5
0903		<0.01	5			5-6
0904	<0.01	<0.01	8			6-7
0905		<0.01	15		22	3-4
0906		<0.01	14			4-5
0907		<0.01	2		23	3-4
0908		<0.01	4			4-5
0909		<0.01	15		24	3-4
0910		<0.01	6			4-5
0911		<0.01	5		25	3-4
0912	<0.01	<0.01	21			4-5
0913		<0.01	14			4-5 repeat
0914		<0.01	21		26	3-4
0915		<0.01	52			4-5
0916		<0.01	45		27	3-4
0917		<0.01	26			4-5
0918		<0.01	77		28	3-4
0919		<0.01	62			4-5
0920		<0.01	6		29	3-4
0921		<0.01	<2			4-5
0922		<0.01	49	7	1	2-3
0923		<0.01	22			3-4
0924		<0.01	67			4-5
0925		<0.01	195		2	3-4
0926		<0.01	4			4-5
0927		<0.01	23		3	3-4
0928		<0.01	125			4-5
0929	<0.01	<0.01	<2		4	3-4
Detn limit		(0.01)	(2)			

APPENDIX 3

Tenure, Drainage and Sample Location Maps
(1:10,000 scale)
Fenton - NW (5170-1-NW-IV)
Fenton - NW (5170 -1-NW-I)

BIBLIOGRAPHY DATA SHEETS

*see over for Explanatory Notes

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 LICENCE NO. (S) PROJECT YEAR(S) 1988 - 1989
 LICENCEE(S) NORTHERN TERRITORY GOLD MINING NL
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 OPERATOR(S) GEOPEKO

1:1 000 000 map name(s) and No. (s)

1: 250 000 map name(s) and No. (s) PINE CREEK SD52-81: 100 000 map name(s) and No. (s) TIPPERARY 51701: 50 000 map name(s) and No. (s) FENTON 5170 - 1PROSPECT NAME MOUNT SHOOBRIDGE

** SITE LOCATION

LAT: _____

LONG: _____

EAST: _____

NORTH: _____

*** TECTONIC UNIT

PINE CREEK BASIN

MAJOR TERM



METALS



NONMETALS



PETROLEUM

OTHER

**** MINOR TERMS

DRILLING



DIAMOND



PERCUSSION



AUGER



ROTARY

COMMODITIES



U



Au



Ag



Cu



Pb



Zn



Sn



W



Dmd

Other _____

AERIAL/GRND GEOPHYSICS



MAGNETIC



RADIOACTIVITY



E.M. SURVEY



IP SURVEY



SEISMIC



RESISTIVITY



GRAVITY



GEOPHYSICAL ANOM

GEOCHEMISTRY



DRAINAGE TESTING



DRILLCORE ANALYSIS



ASSAYING



GEOCHEMICAL ANOM



SAMPLING



STREAM SEDIMENT



SOIL



ROCK CHIP



WATER

GENERAL



GEOL MAPPING



PHOTO GEOLOGY



GRIDDING



METHODS



REGIONAL GEOL



LOCAL GEOLOGY



STRATIGRAPHY



RECONNAISSANCE



LOGGING

OTHER TERMS:

LOWER PROTEROZOIC/FINNIS RIVER GROUP/SOUTH ALLIGATOR GROUP

NOTES

ABSTRACT ATTACHED

DEPARTMENTAL USE ONLY

REPORT NO

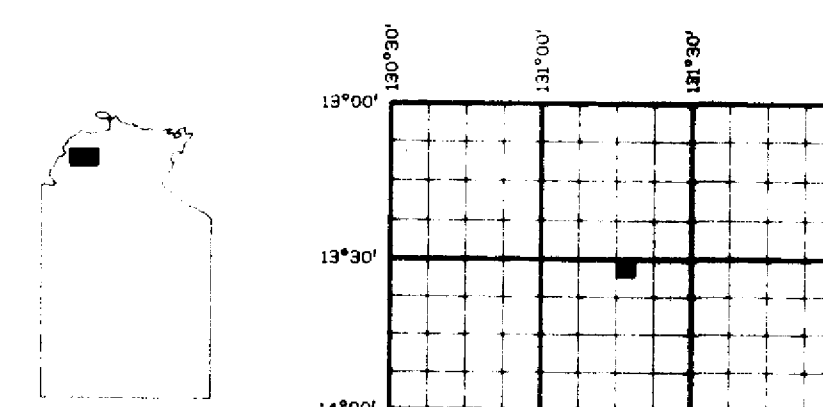
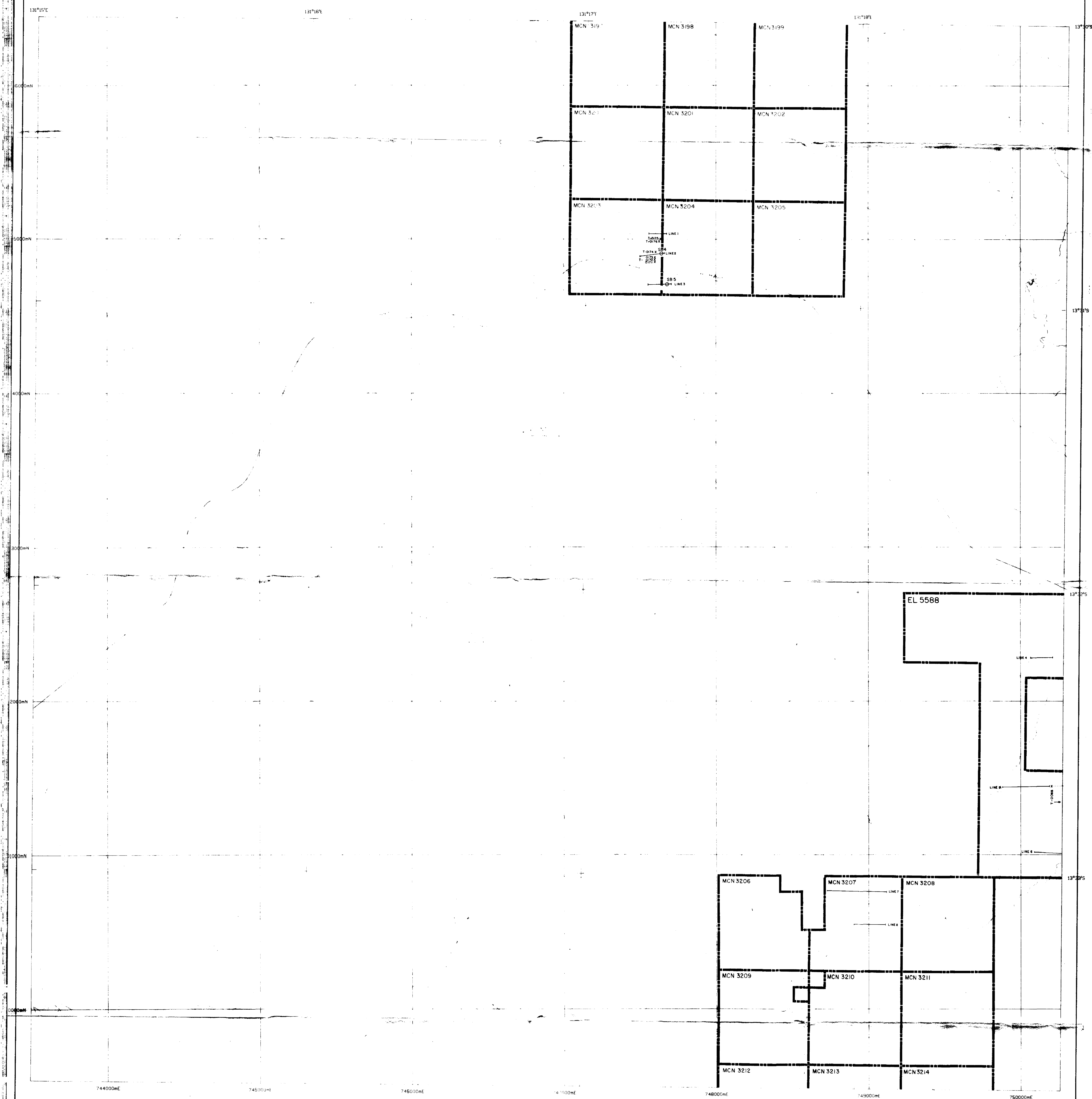
SECURITY

TEXT LOCATION

ENTRY NO

INDEXED BY/DATE

CHECKED BY/DATE



INDEX TO ADJOINING
MAPS

S171 III-SE-III	S171 II-SW-III	S171 II-SW-III
S170 IV-NE-I	S170 I-NW-IV	S170 I-NW-I
S170 IV-NE-II	S170 I-NW-III	S170 I-NW-E



УКУУ / 066ГЕОРЕКО

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD

	Map Ref

FENTON-NW-IV

DARWIN		FENTON-NW-IV	
Gcc	RAM	TEAURE	

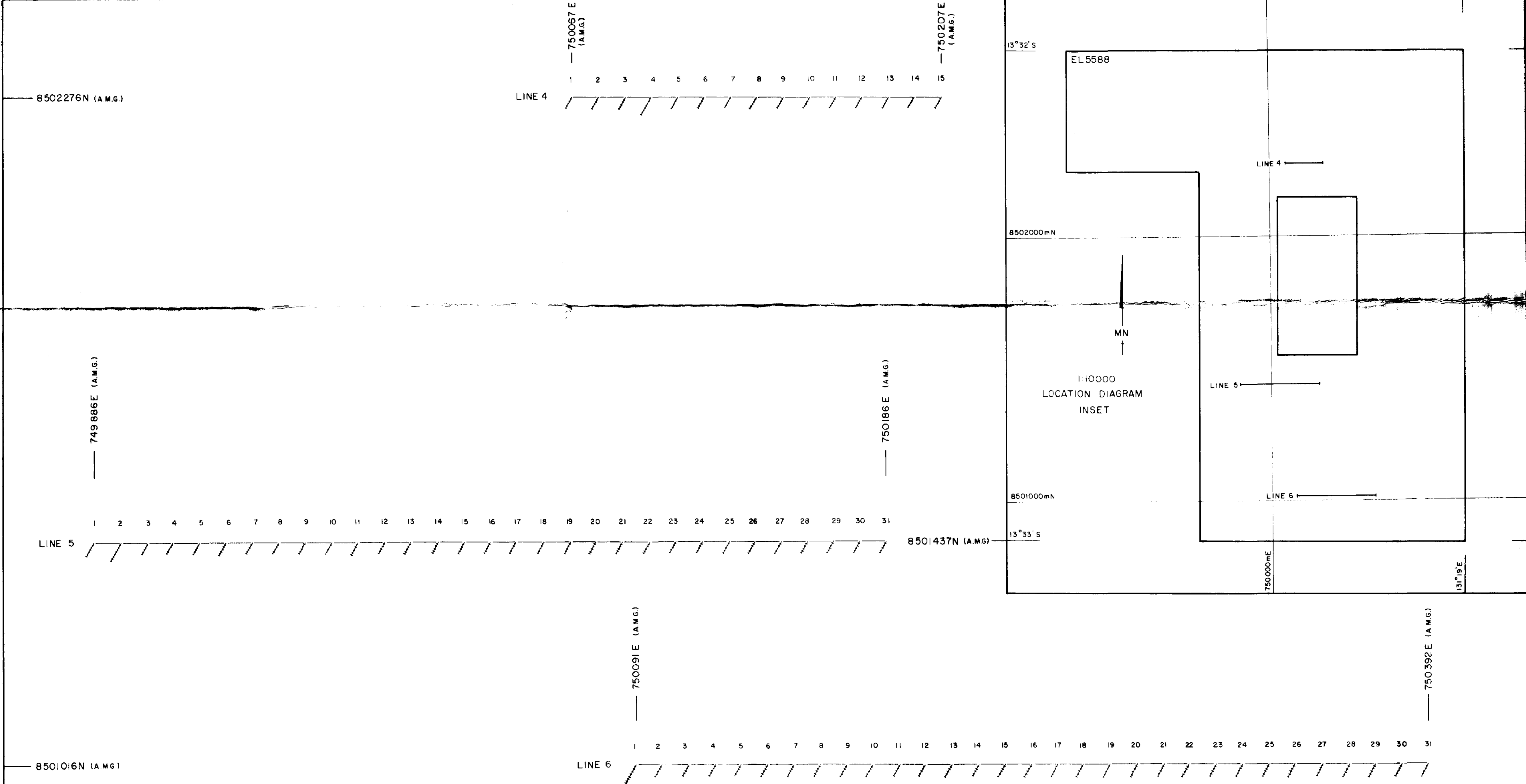
	NAME	TENURE	TOPOGRAPHY
Drawn	KAB		

Checked		
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Date	1/12/89		

NORTH POINT RELATIONSHIPS ARE
SHOWN FOR THE CENTRE OF THE MAP
MAGNETIC NORTH IS CORRECT FOR 1980.

GRID/MAGNETIC ANGLE 3°31'13"
GRID CONVERGENCE 0°32'2" 50"
SICULAR VARIATION 0°02'28" east per year



LEGEND

I - Hole Number

RAB Line
All Au values < 0.01

NB Cu values not shown

DRAWING REVISION
DATE TYPE

DARWIN

CR90/066

GEOPEKO

HORIZONTAL 1:1000
VERTICAL 1:5000

SHOOBRIDGE

EL 5588

RAB DRILLING - ANALYTICAL CROSS SECTIONS

SHOOBRIDGE J/V

NPC 009 068