PALADIN
RESOURCES N.L.
A.C.N. 061 681 098

EDEN CREEK PTY LTD

FINAL REPORT
on
EXPLORATION LICENCE 8212

TENNANT CREEK

NORTHERN TERRITORY

COVERING THE PERIOD

24 November 1994 to 07 December 1995

Compiled By: K S Taylor

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Report No. GR TC15-16
Accession No. 1652

(i) SUMMARY

EL 8212 was granted to Eden Creek Pty Ltd, a subsidiary of Paladin Resources NL, on 24 November 1993 and was cancelled on the grant of SEL 9328 on 07 December 1995.

Work carried out during the first year of tenure included geological mapping, ground magnetics, a soil sampling survey of 77 samples, the drilling of 460 vacuum holes for 3419m and geochemical analysis of 437 bottom hole samples. A maximum value of 0.018ppm Au was recorded from one sample.

Work during the second year included the drilling of 60 air core holes for 568m and 9 percussion RAB holes for 235m. A total of 137 samples were sent for analysis. Assay results were disappointing with a maximum Au value of 7ppb.

Exploration is focussed on gold.

(ii) TABLE OF CONTENTS

		PAGE
SUMMARY		(i)
TABLE OF CONTENTS		(ii)
1.	INTRODUCTION	1
2.	LOCATION	1
3.	GEOLOGY	1
4.	INVESTIGATIONS	2
	4.1 First Year	2
	4.2 Second Year	3
	4.2.1 Air Core Drilling	3
	4.2.2 RAB Percussion Drilling	3
	4.2.3 Geochemistry	4
5.	STATEMENT OF EXPENDITURE	5

LIST OF FIGURES

Figure 1	15D06	Tennant Creek Project, Location
Figure 2		Air Core Drill Locations
Figure 3		RAB Percussion Drill Locations

LIST OF APPENDICES

Appendix I	Air Core Drill Hole Data
Appendix II	RAB Percussion Drill Hole Data

1. INTRODUCTION

Exploration Licence 8212, covering an area of 5 blocks (16km^2) was granted on 24 November 1993 to Eden Creek Pty Ltd, which was subsequently acquired by Paladin Resources NL (Paladin) as a wholly owned subsidiary prior to the listing of Paladin on the Western Australian Stock Exchange. The tenement was cancelled on the grant of SEL 9328 on 07 December 1995.

The tenement is worked by Paladin as part of the Tennant Creek Project.

This report covers exploration work carried out by Paladin during the second year of tenure.

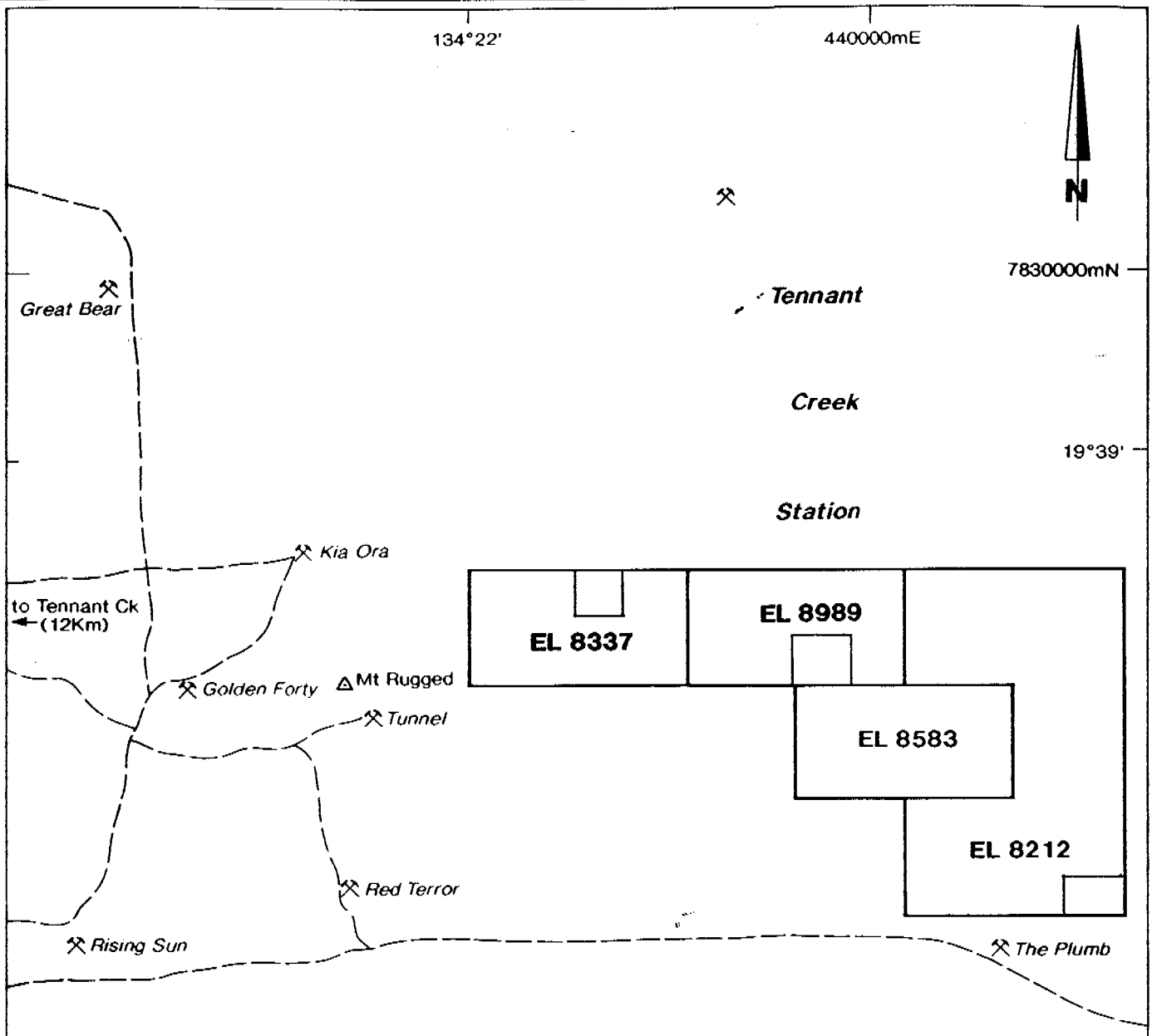
2. LOCATION

EL 8212 lies approximately 27km east-southeast of Tennant Creek on the TENNANT CREEK 1:250,000 map sheet SE 53-14 and the TENNANT CREEK 1:100,000 map sheet 52/5. (*Figure 1*)

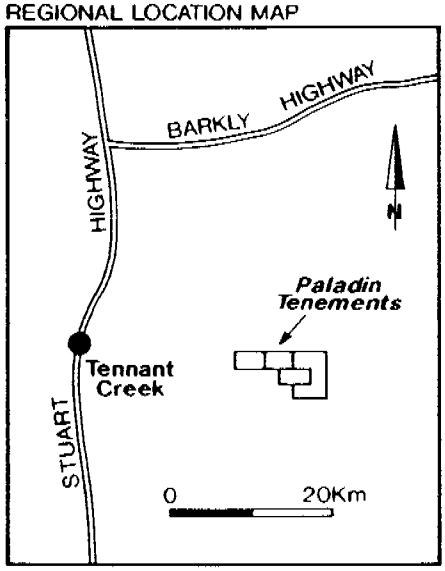
3. GEOLOGY

Economic gold mineralisation in the Tennant Creek area is hosted in units of the Lower Proterozoic Warramunga Group. Dominated by siliciclastic turbidites, the Warramunga Group also contains felsic volcanic and volcanoclastic units. This sequence is oxidised and included important haematitic and magnetite bearing lutites.

The Warramunga Group is intruded by granites and early concordant to discordant porphyry units that underwent slate belt style regional metamorphism producing east-west trending folds and slaty cleavage. Metamorphism reached lower greenschist facies.



REGIONAL LOCATION MAP



0 1 2 3 4Km

1:100000

This map falls within Tennant Creek E53-14

PALADIN RESOURCES N.L.

TENNANT CREEK PROJECT

LOCATION MAP

DATE Nov 94	FIGURE 1
PLAN NO 15D06	

The Lower Proterozoic rocks are unconformably overlain by the Middle Proterozoic Tomkinson Creek Beds north of Tennant Creek, and the Hatches Creek Group (south of Tennant Creek) which were folded along NW to NNW trending axes.

Siltstone, shale and greywacke, with interbedded haematitic shales of the Black Eye Member of the Warramunga Group dominate the rock types in the project area. Mixed shales and greywackes of the Carraman Formation crop out at the eastern side of the area. Layer parallel quartz feldspar porphyries occur mainly in the southern parts. A coarse grained granite showing large feldspar porphyroblast intrudes the southeastern corner of the area.

The rocks are folded into east-west trending synclines and anticlines. Metamorphism reached greenschist facies. Within the centre of the area a large east-west trending anticline, showing a shallow westerly plunge in the Mt Rugged area, dominates the folding. Subsidiary second order anticlines on the flanks of the main fold appear to be the focus for some ironstone development and gold mineralisation in the area (eg. Tunnel, Red Terror and New Hope Mines). East-west trending shear zones sub-parallel to the folds can be mineralised as observed in the Kia Ora Mine.

Late faults, often quartz filled, cut the area in a northwesterly direction. The old Renate workings are located on a shear in this direction showing brecciation and quartz hematite veining.

4. INVESTIGATIONS

4.1 First Year

Work carried out during the first year of tenure included geological mapping, ground magnetics, a soil sampling survey of 77 samples, the drilling of 460 vacuum holes for 3419m and geochemical analysis of 437 bottom hole samples. A maximum value of 0.018ppm Au was recorded from one sample. Full details are to be found in the 94/95 Annual Reports.

4.2 Second Year

4.2.1 Air Core Drilling

Traceys Drilling of Tennant Creek drilled 60 air core holes (TCV820-879) on 25 x 25m centres for a total of 568m over two days in March. Air core was the preferred method of drilling due to the inability of a vacuum rig to penetrate damp ground.

The primary target was a combined copper/gold/magnetic anomaly identified during the vacuum drilling program from November 1994.

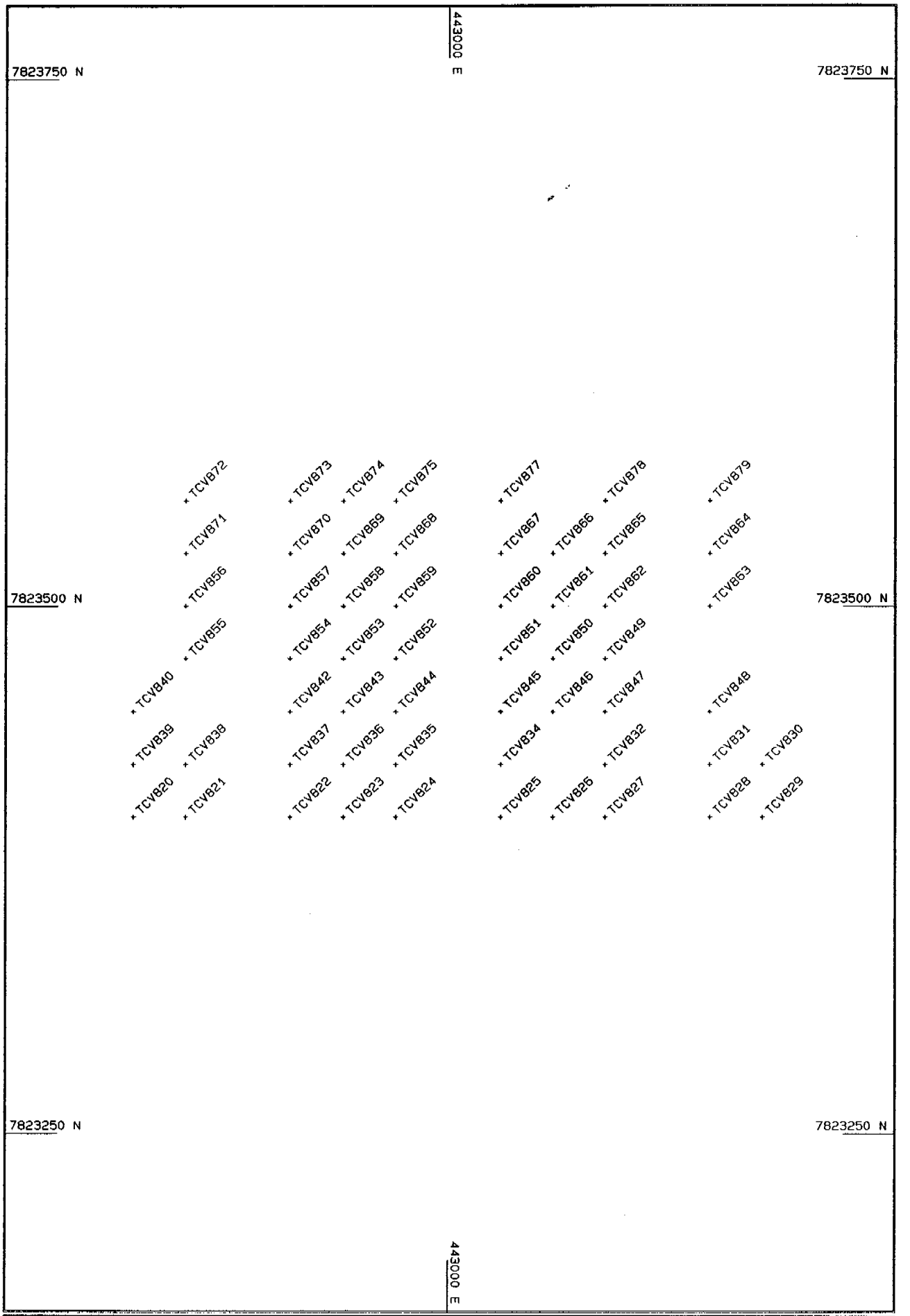
57 samples were collected from 60 drill holes. The three holes that didn't return a sample were terminated in the cover sequence.

The most commonly intersected rock types in the air core holes were chloritic siltstones and mafic greywackes. Assay results were disappointing with the maximum Au value being 7ppb and the mean 2ppb. (*Figure 2 Appendix 1*)

4.2.2 RAB Percussion Drilling

Shadcote Drilling of Tennant Creek drilled 9 percussion RAB holes (TCR01-TCRO9) in October for a total of 235m to clarify the copper/gold/magnetic anomaly that was still considered significant although results from the air core program did not clearly identify a deep drilling target.

Three 50m spaced fences were drilled across the centre of the target at 25m hole spacing with holes dipping 60° to the south. Holes were planned to 50 metres depth, however they were stopped when drilled 3m into an underlying granite. The rock type was consistently chloritic siltstone overlying a weathered biotite granite. The depth of the granite was generally 20 to 24m however TCR07 intersected granite at 9m. Holes were sampled in 3m composites. (*Figure 3 Appendix 2*)


443000 m
7823750 N
7823750 N
7823500 N
7823500 N
7823250 N
7823250 N
443000 E
TCV872
TCV873
TCV874
TCV875
TCV877
TCV878
TCV879
TCV871
TCV870
TCV869
TCV868
TCV867
TCV866
TCV865
TCV864
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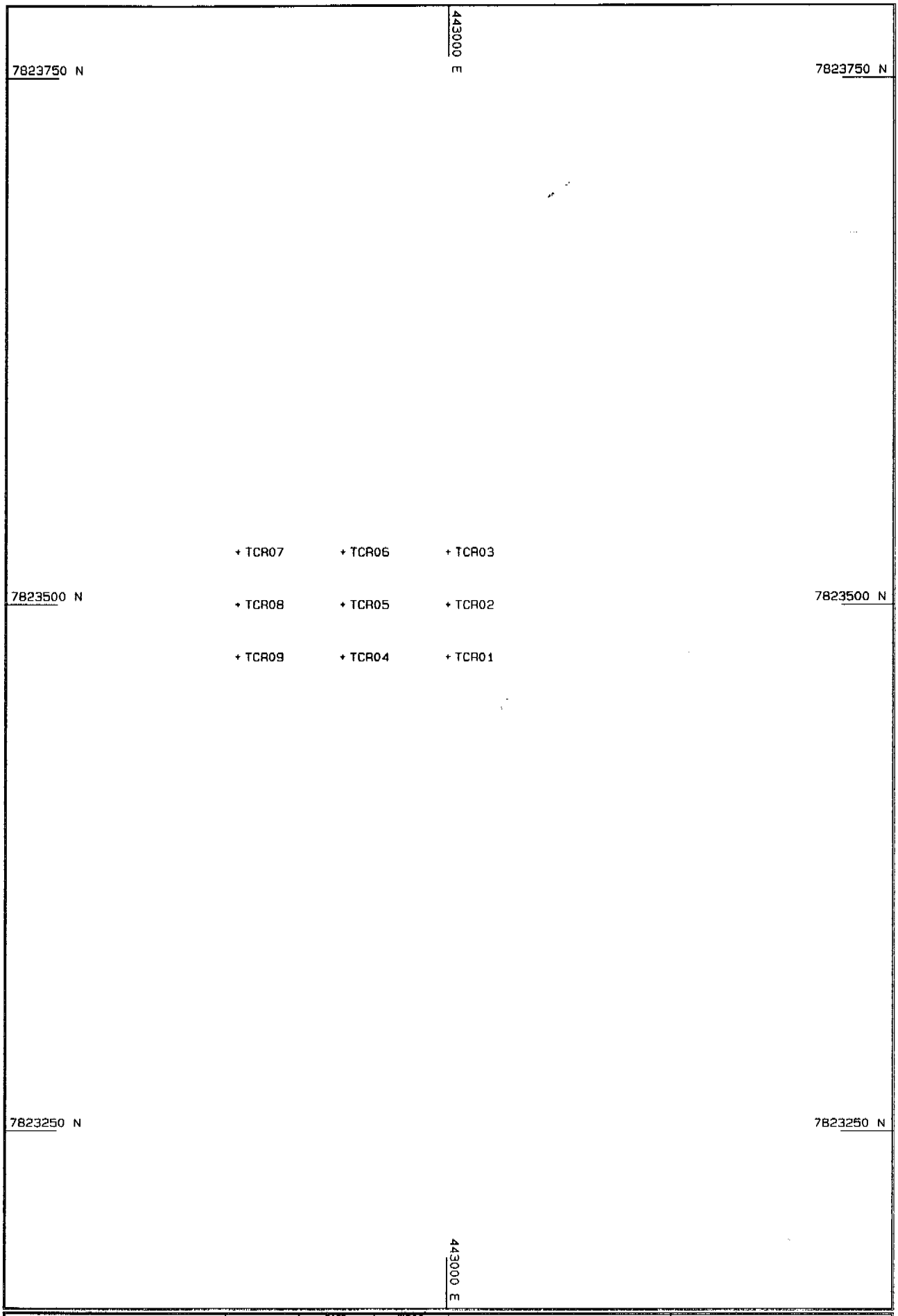
TCV830
TCV838
TCV820
TCV822
TCV823
TCV824
TCV825
TCV826
TCV827
TCV828
TCV829
TCV821
Scale
1: 2500
DATE
20/02/96
REF No.
8212DRL2
SHEET
1 of 1
PALADIN RESOURCES NL
EL8212
AIR CORE DRILL HOLE LOCATIONS

FIGURE No. 2



	Scale 1:2500	DATE 20/02/96	SHEET 1 of 1	PALADIN RESOURCES NL
		REF No. 8212DRL2		EL8212 AIR CORE DRILL HOLE LOCATIONS

FIGURE No. 3

4.2.3 Geochemistry

The drill samples were sent to Assaycorp at Pine Creek for gold analysis using method FA50 (fire assay) with a detection limit of 1ppb Au. (*Appendix 1 & 2*)

5.

STATEMENT OF EXPENDITURE

EXPLORATION LICENCE 8212

COVERING THE PERIOD

24/11/94 to 07/12/95

CATEGORY	AMOUNT $
Salaries & Wages	6,652
Consultants / Contractors	805
Bulldozing / Grading	-
Drilling RAB	2,820
Drilling PDH/RC	4575
Geochemistry - Stream	-
Geochemistry - Soil & Rock Chip	7088
Geophysics - Airborne/Processing	-
Fuel	-
Vehicles & Equipment	140
Camp Operating & Consumables	71
Travel, Accommodation & Meals	250
Drafting, Printing & Maps	228
Subtotal	22,629
Overheads (12%)	2,715
TOTAL	25,344

APPENDIX 1

AIR CORE DRILL HOLE DATA

ABBREVIATION CODE FOR SAMPLE RESULT PRINTOUTS

GRP	ROCK GROUP
TY	ROCK TYPE
IM	INDICATOR MINERAL
A1	ALTERATION TYPE 1
S1	STRENGTH OF ALTERATION 1
A2	ALTERATION TYPE 2
S2	STRENGTH OF ALTERATION 2
A3	ALTERATION TYPE 3
S3	STRENGTH OF ALTERATION 3
MN	MINERALISATION
G	GRAIN SIZE
TX	TEXTURE
SCINT	SCINTILLOMETER
PET	PETROLOGY
CODE	INTERNAL MANAGEMENT FILE

[redacted] TYPE C[redacted] RO[redacted] [redacted]NERAL [redacted] ROCK TEXTURE

FIRST COLUMN

SAMPLE TYPE

Point Sample	1
Channel Sample, Drillhole Section	2
Composite Sample	3
Bulk Sample	4
Other	5

SECOND & THIRD COLUMNS

BEDROCK - NATURAL EXPOSURES	00
Rock in situ (Outcrop)	01
Rock not in situ (scree, boulders)	02
Specimen	03
Other	04
SOIL - NATURAL EXPOSURES	10
Residual	11
Transported	12
Organogenic	13
Other	14
STREAM SEDIMENTS	20
Sediments - Active	21
Sediments from bank or bar	22
Other	23
DRILLHOLE CUTTINGS OF BEDROCK	30
Hand Auger	31
Auger	32
Vacuum	33
Rotary Air Blast	34
Percussion	35
Reverse Circulation	36
Air Core	37
Diamond Core	38
Other	39

SECOND & THIRD COLUMNS

DRILLHOLE CUTTINGS OF SURFICIAL DEPOSITS	40
Hand Auger	41
Auger	42
Vacuum	43
Rotary Air Blast	44
Percussion	45
Reverse Circulation	46
Air Core	47
Diamond Core	48
Other	49
TRENCHES/PITS	50
Surficial Deposits	51
Bedrock (in general)	52
Wall Rock of Ore	53
Ore	54
Others	55
MINE/SHAFT/OPEN CUT	60
Surficial Deposits	61
Bedrock (in general)	62
Wall Rock of Ore	63
Ore	64
Tailings	65
Dump Material	66
Other	67
WATER	70
Spring/Seeping	71
Swamp	72
Earth Dam	73
Lake	74
River	75
Bore/Well	76
Other	77
GEOBOTANICAL SAMPLES	80
TECHNOLOGICAL SAMPLES	90

ROCK TYPE

AI	ACID ROCK
AV	ACID VOLCANIC
AD	ADAMELLITE
AG	AGGLOMERATE
AA	ALASKITE
AL	ALBITITE
AE	ALNOITE
AM	AMPHIBOLITE
AN	ANDESITE
AT	ANDESITIC TUFF
AO	ANORTHOSITE
AP	APLITE
AB	ARENITE
AR	ARGILLITE
AK	ARKOSE
AS	ASH
BF	BANDED IRON FORMATION
BS	BASALT
BK	BASALTIC KOMATIITE
BT	BASALTIC TUFF
BA	BASANITE
BI	BIOCLASTIC ROCK
BL	BLACK SHALE
BX	BRECCIA (GEN)
BR	BRONZITITE (+ORPX)
CS	CALC-SILICATE
CC	CALCRETE
CB	CARBONATITE
CT	CATACLASITE
CM	CEMENT (+FONDUE)
CK	CHARNOCKITE
CH	CHERT
CL	CHLOTERE SCHIST
CR	CHROMITITE
CU	CLAY, UNCONSOLIDATED
CY	CLAYSTONE
CX	CLINOPYROXENITE
CG	CONGLOMERATE
CQ	COQUINA
XT	CRYSTAL TUFF
DC	DACITE
DB	DIABASE
DT	DIATOMITE
DR	DIORITE
DL	DOLERITE
DO	DOLOMITE
DM	DOLOMITIC LIMESTONE
DU	DUNITE
DI	DURICRUST
EC	ECLOGITE
EV	EVAPORITE
FG	FAULT GOUGE
FL	FELSITE
FP	FELSPAR PORPHYRY
FE	FERRICRETE
FZ	FERRUGINOUS ZONE
GB	GABRO
GL	GLASS
GN	GNEISS
GO	GOSSAN
GR	GRANITE
GD	GRANODIORITE
GF	GRANOFELS
GP	GRANOPHYRE
GL	GRANULITE
GS	GREENSCHIST
GE	GREISEN
GW	GREYWACKE
GT	GRIT
HZ	HARZBURGITE
HF	HORNFELS
IG	IGNEOUS (GEN)
IM	IGNIMBRITE
IN	INTRUSIVE (GEN)
IR	IRONSTONE (GEN)
JA	JASPER (GEN)
KM	KIMBERLITE
KP	KIMBERLITIC PERIDOTITE
KO	KOMATIITE
LM	LAMPROPHYRE
LT	LAPILLI TUFF
LP	LAPILLI
LH	LATERITE CAP, HARD
LS	LATERITE CAP, SOFT
LO	LATERITE MOTTLED ZONE
LL	LATERITE PALLID ZONE
LR	LATERITE
LA	LATITE
LM	LHERZOLITE
LI	LIMBURGITE
LE	LIMESTONE
LC	LOST CORE
LU	LUTITE
MF	MAFIC VOLCANIC
MA	MAGNETITITE
MR	MARBLE
ML	MARL
MP	MASSIVE SULPHIDES
MS	METASEDIMENT
MV	METAVOLCANIC
MC	MICA SCHIST
MI	MIGMATITE
MK	MILL-ROCK
MZ	MONZONITE
MU	MUD, UNCONSOLIDATED
MD	MUDSTONE
MO	MULLOCK
MY	MYLONITE
NR	NORITE
OB	OBSIDIAN
OW	OLD WORKINGS
OL	OLIVINE GABRO
OP	OPAL
OM	ORTHOGNEISS
OY	ORTHOPYROXENITE
PN	PRAGNEISS
PC	PEBBLE CONGLOMERATE
PB	PEBBLES, UNCONSOLIDATED
PA	PEBBLY SANDSTONE
PG	PEGMATITE
PL	PELITE
PR	PERIDOTITE
PT	PHONOLITE
PO	PHOSPHORITE
PH	PHYLLITE
PF	PHYLLONITE
PI	PICRITE
PS	PISOLITE
PD	PORCELLANITE
PP	PORPHYRY
PM	PSAMMITE
PE	PSEPHITE
PU	PUMICE
PK	PYROCLASTIC AGGLOMERATE
PY	PYROCLASTIC ROCK (GEN)
PX	PYROXENITE
QB	QUARTZ BASALT
QD	QUARTZ DIORITE
QF	QUARTZ FELSPAR PORPHYRY
QG	QUARTZ GABBRO
QL	QUARTZ LATITE
QM	QUARTZ MONZONITE
QP	QUARTZ PORPHYRY
QT	QUARTZITE
RD	RHYODACITE
RY	RHYOLITE
RC	ROCK (GEN)
RU	RUDITE
SA	SAND, UNCONSOLIDATED
SN	SANDSTONE
SP	SAPROLITE
SC	SCHIST
SF	SCORIA
SE	SEDIMENT (GEN)
SD	SEDIMENTARY ROCK
SR	SERPENTINITE
SH	SHALE
ST	SILCRETE
SU	SILT, UNCONSOLIDATED
SI	SILTSTONE
SK	SKARN
SL	SLATE
SO	SOIL
SB	SPILITE
SY	SYENITE
SM	SYENODIORITE
TO	TACONITE
TT	TACTITE
TL	TAILINGS
TS	TALC SCHIST
TX	TECTONIC BRECCIA
TI	TILLITE
TN	TONALITE
TA	TRACHY-ANDESITE
TC	TRACHYTE
TR	TROCTOLITE
TF	TUFF
UR	UNIDENTIFIED ROCK
VN	VEIN
VA	VOLCANIC AGGLOMERATE
VC	VOLCANIC CONGLOMERATE
WC	WACKE
WB	WEBSTERITE
WT	WELDED TUFF
WH	WEHRLITE

MINERAL TYPE

AC	ACTINOLITE
AD	ADULARIA
AE	AEGIRINE
QG	AGATE
AB	ALBITE
AM	ALMANDINE
AL	ALUNITE
QA	AMETHYST
AX	AMPHIBOLE (GEN)
AA	ANDALUSITE
AI	ANGLESITE
AH	ANHYDRITE
AK	ANKERITE
AN	ANORTHITE
AF	ANORTHOCLASE
AP	ANTHOPHYLLITE
AQ	ANTIGORITE
AT	APATITE
AR	ARAGONITE
AS	ARSENOPYRITE
AO	ASBESTOS
AZ	AZURITE
BA	BARITE
BE	BERYL
BI	BIOTITE
BM	BISMUTHINITE
BC	BLOOM (COBALT)
BO	BORNITE
BR	BROCHANTITE
BZ	BRONZITE
BU	BRUCITE
CA	CALCITE
CB	CARBONATE (GEN)
CQ	CARNOTITE
CT	CASSITERITE
CE	CERUSSITE
QY	CHALCEDONY
CC	CHALCOCITE
CP	CHALCOPYRITE
CH	CHERT
CL	CHLORITE
CD	CHLORITOID
CR	CHROMITE
CK	CHRYSOCOLLA
CS	CHRYSOTILE
CN	CINNABAR
CY	CLAY
CX	CLINOPYROXENE (GEN)
CZ	CLINOZOISITE
BC	COBALT BLOOM
CF	COFFINITE
CU	COPPER (NATIVE)
CO	CORDIERITE
CM	CORUNDUM
CV	COVELLITE
CW	CROCIDOLITE
CG	CROCOITE
CI	CUPRITE
DD	DIAMOND
DC	DICKITE
DG	DIGENITE
DI	DIOPSIDE
DO	DOLOMITE
EN	ENARGITE
ES	ENSTATITE
EP	EPIDOTE
ER	ERYTHRITE
FA	FAYALITE
FD	FELSPARS (GEN)
FE	FELSPATHOIDS (GEN)
FM	FERRIMOLYBDITE
FL	FLUORITE
FO	FORSTERITE
FU	FUCHSITE
GH	GAHNITE
GL	GALENA
GA	GARNET
GI	GIBBSITE
GS	GLASS, GLASSY MATRIX
GN	GLAUCONITE
GC	GLAUCOPHANE
GO	GOETHITE
AU	GOLD
GD	GOLD (alternate)
GR	GRAPHITE
GY	GYPSUM
HA	HALITE
HE	HEMATITE (EARTHY)
HS	HEMATITE (SPECULARITE)
HM	HEMIMORPHITE
HB	HORNBLENDE
HZ	HYDROZINCITE
HY	HYPERSTHENE
IL	ILLITE
IM	ILMENITE
JD	JADEITE
JA	JAROSITE
KM	K-FELSPAR MICROCLINE
KF	K-FELSPAR ORTHOCLASE
KA	KAOLINITE
KY	KYANITE
LM	LAUMONTITE
LW	LAWSONITE
LU	LEUCITE
LE	LEUCOXENE
LI	LIMONITE
MF	MAFIC MINERALS (GEN)
MH	MAGHEMITE
MA	MAGNESITE
MT	MAGNETITE
MC	MALACHITE
MN	MANGANITE
MR	MARCASITE
MP	MARTITE
MI	MICA (GEN)
KM	MICROCLINE
MO	MOLYBDENITE
MZ	MONZITE
MM	MONTMORILLONITE
MU	MUSCOVITE
NF	NEPHELINE
NI	NICCOLITE
OL	OLIVINE
OP	OPAL, OPALINE SILICA
OQ	OPAQUES (GEN)
OM	ORPIMENT
KF	ORTHOCLASE
OR	ORTHOPYROXENE (GEN)
OS	OSMIRIDIUM
OX	OXIDES (GEN)
PN	PENTLANDITE
PH	PHLOGOPITE
PF	PLAGIOCLASE
PT	PLATINOIDS (GEN)
PW	POWELLITE
PE	PREHNITE
PS	PSILOMELANE
PY	PYRITE
PL	PYROLUSITE
PP	PYROPHYLITE
PR	PYROXENE (GEN)
PO	PYRRHOTITE
QR	QUARTZ (RUTILATED)
QZ	QUARTZ
QG	QUARTZ (AGATE)
QA	QUARTZ (AMATHYST)
QY	QUARTZ (CHALCEDONY)
QX	QUARTZ CRYSTALS
QV	QUARTZ VEIN, MASSIVE
QC	QUARTZ-CARBONATE
QS	QUARTZ-SERICITE
QT	QUARTZ-TOURMALINE
RE	REALGAR
RC	RHODOCHROSITE
RN	RHODONITE
RU	RUTILE
SC	SCAPOLITE
SH	SCHEELITE
SR	SERICITE
SE	SERPENTINE
SO	SERPENTINISED OLIVINE
SD	SIDERITE
SI	SILLIMANITE
AG	SILVER
SV	SILVER (alternate)
SS	SILVER, SULPHOSALTS
SM	SMITHSONITE
HS	SPECULARTIE
SP	SPHALERITE
SN	SPHENE
ST	STAUROLITE
SB	STIBNITE
SA	SULPHATES (GEN)
SU	SULPHIDES (GEN)
TA	TALC
TC	TALC-CARBONATE
TT	TANTALITE
TL	TELLURIDES (GEN)
TN	TENNANTITE
TE	TENORITE
TH	TETRAHEDRITE
TZ	TOPAZ
TB	TORBERNITE
TO	TOURMALINE
TV	TRAVERTINE
TR	TREMOLITE
TU	TURQUOISE
UR	URANINITE (PITCHBLENDE)
UX	URANIUM MINERALS (GEN)
VA	VANADINITE
VM	VERMICULITE
VE	VESUVIANITE
WA	WAD (MANGANESE)
WL	WILLEMITE
WF	WOLFRAMITE
WO	WOLLASTONITE
WN	WULFENITE
ZE	ZEOLITE
ZC	ZINCITE
ZI	ZIRCON

ROCK TEXTURE

<	MICROVEINED
>	MACROVEINED
AB	ANIMAL BURROWED
AG	ALGAL MATTED
AM	AMYGDALOIDAL
AO	AMORPHOUS
AP	APLITIC
AU	AUGEN
BC	BIOCLASTIC
BD	BEDDED
BI	BIOTURBACEOUS
BK	BLOCKY
BN	BANDED
BR	BRECCIATED
BT	BOTRYOIDAL
BW	BOX WORKS
CA	CATACLASTIC
CC	CASTED
CF	FLUTE CASTED
CG	CLAY GALLED
CL	LOAD CASTED
CM	CHILLED MARGIN
CN	CONCRETIONARY
CR	CRENULATED
CS	CLOSE STRUCTURED (FRAME SUP)
CT	CLASTIC
CU	CUMULATE
DF	DRAG FOLDED
EQ	EQUIGRANULAR
FB	FLOW BANDED
FC	FOSSILIFEROUS CALCAREOUS
FD	FOSSILIFEROUS CARBONACEOUS
FF	FOSSILIFEROUS FAUNAL
FG	FOSSILIFEROUS GRAPHITIC
FI	FISSILE
FM	FOSSILIFEROUS MARINE
FN	FOSSILIFEROUS NON-MARINE
FO	FOLIATED
FP	FOSSILIFEROUS PLANTS
FR	FRAGMENTAL
FS	FOSSILIFEROUS
FT	FOLDED
FX	FAULT BRECCIA
FY	FLAGGY
GB	GRANOBLASTIC
GD	GRADED BEDDED
GF	GRAPHIC
GL	GRANULOSE
GN	GNEISSIC
GO	GRANOPHYRIC
GP	GLOMERO-PORPHYRITIC
GR	GRANITIC
GY	GREASY
HA	HARRISITIC
HF	HORNFELSIC
HO	HOMOGENEOUS
HT	HETEROGENEOUS
IB	INTERBEDDED
IC	INTERCUMULATE
IM	IMBRICATE
IN	INTERSTITIAL
IQ	INEQUIGRANULAR
KR	CRACKLED
LB	LENSOID BANDED
LE	LINEATED
LL	LIT-PAR-LIT
LM	LAMINATED
LN	LENTICULAR
LS	LISTRIC SURFACED
LT	LITHIC
MC	MUD CRACKED
MX	MASSIVE
MY	MYLONITIC
ND	NODULAR
OR	ORBICULAR
OS	OPEN STRUCTURED, MATRIX SUPPORT
PB	POPHYROBLASTIC
PC	POIKILOBLASTIC
PG	PEGMATITIC
PH	PHYLLITIC
PI	PISOLITIC
PK	POIKILITIC
PL	PELETAL
PM	PILLOWED MARGIN
PO	PILLOWED
PP	PORPHYRITIC
PS	SLUMPED
PW	PARTINGS
PX	PILLOWED BRECCIA
RB	RIBBON-LIKE
RM	RIPPLE MARKED
RP	RAIN PRINTED
RW	REWORKED
SB	SLABBY
SC	SCHISTOSE
SD	SPINIFEX RANDOM
SF	SPINIFEX SHEAF
SH	SHEARED
SK	STOCKWORK
SL	SLATY
SP	SPARRY
SR	SCOURED
SS	SOFT SED SLUMPING
ST	STYLOLITIC
SU	SPHERULITIC
SW	STROMATOLITIC
SX	SPINIFEX
TC	TRACHYTIC
TF	TUFFACEOUS (SHARDY)
TG	PTIGMATIC
UF	UNIFORM
VG	VUGGY
VQ	QUARTZ VEINED
VR	VARIOLITIC
VS	VESICULAR
VV	VEINED
WL	WELDED
WS	WISPY

Project tc15 File 8212dr11.dat Tue Feb 20 14:28 1996

RECORD	SAMP	HOLE	FROM	TO	N-AMG	E-AMG	TY	IM1	IM2	A1	S1	MN1	G	AU(0.001)	AU2(0.001)	CU(1)	PB(2)	ZN(1)	BI(1)
1	104	TCV820	9.00	10.00	7823400	442850	SI	CL	BT				F	0.005	0.004	26	10	33	<1
2	105	TCV821	10.00	11.00	7823400	442875	SI	CL	BT				F	0.006	0.006	18	13	24	<1
3	106	TCV822	10.00	11.00	7823400	442925	SI	CL					F	0.001		4	8	37	<1
4	107	TCV823	9.00	10.00	7823400	442950	SI	CL					F	0.005	0.004	3	17	34	<1
5	108	TCV824	10.00	11.00	7823400	442975	SI						F	0.004		11	14	17	<1
6	109	TCV825	10.00	11.00	7823400	443025	SI	CL					F	0.004		15	2	154	<1
7	110	TCV826	10.00	11.00	7823400	443050	SI	MI					F	0.003		9	13	28	<1
8	111	TCV827	9.00	10.00	7823400	443075	SI	MI					F	0.004		7	9	47	<1
9	112	TCV828	10.00	11.00	7823400	443125	SI						F	0.007	0.005	13	6	99	<1
10	113	TCV829	9.00	10.00	7823400	443150	SI	CL	QZ	IR	W		F	<0.001		39	5	58	<1
11	114	TCV830	9.00	10.00	7823425	443150	SI	CL					F	0.003		10	6	26	<1
12	115	TCV831	9.00	10.00	7823425	443125	SI	CL	BT				F	0.004	0.004	57	5	35	<1
13	116	TCV832	9.00	10.00	7823425	443075	SI						F	0.004	0.004	7	7	17	<1
14	117	TCV834	10.00	11.00	7823425	443025	SI	QZ		IR	W		F	0.002		46	12	23	<1
15	118	TCV835	9.00	10.00	7823425	442975	QZ			IR	W		F	0.002		11	4	26	<1
16	119	TCV836	9.00	10.00	7823425	442950	QZ			IR	W		F	<0.001		4	<2	16	<1
17	120	TCV837	6.00	7.00	7823425	442925	GW	MI					M	0.003	0.004	38	<2	50	<1
18	121	TCV838	10.00	11.00	7823425	442875	SI						F	<0.001		3	<2	35	<1
19	122	TCV839	9.00	10.00	7823425	442850	SI	BT	CL				F	0.003	0.002	1	2	22	<1
20	123	TCV840	9.00	10.00	7823450	442850	SI	BT	CL				F	0.002		13	2	22	<1
21	124	TCV842	9.00	10.00	7823450	442925	SI	CL					F	0.003		17	<2	20	<1
22	125	TCV843	9.00	10.00	7823450	442950	GW						F	0.003	0.002	34	<2	44	<1
23	126	TCV844	9.00	10.00	7823450	442975	SI						F	0.002		5	<2	13	<1
24	127	TCV845	9.00	10.00	7823450	443025	SI	CL					F	<0.001		33	<2	18	<1
25	128	TCV846	9.00	10.00	7823450	443050	SI	CL					F	0.001		24	4	18	<1
26	129	TCV847	9.00	10.00	7823450	443075	SI	CL	BT				F	0.001		8	<2	30	<1
27	130	TCV848	9.00	10.00	7823450	443125	SI	MI					F	<0.001		11	3	22	<1
28	131	TCV849	9.00	10.00	7823475	443075	SI	CL					F	0.002		21	<2	45	<1
29	132	TCV850	9.00	10.00	7823475	443050	GW	QZ	MI				F	0.002	0.003	20	<2	33	<1
30	133	TCV851	9.00	10.00	7823475	443025	GW	QZ	MI				F	0.002		7	<2	15	<1
31	134	TCV852	5.00	6.00	7823475	442975	GW	QZ	MI				F	0.001		15	<2	16	<1
32	135	TCV853	9.00	10.00	7823475	442950	SI	CL					F	0.003	0.005	84	<2	36	<1
33	136	TCV854	9.00	10.00	7823475	442925	GW	QZ	MI				M	<0.001		9	<2	21	<1
34	137	TCV855	9.00	10.00	7823475	442875	GW	QZ		IR	M		M	0.002	0.001	7	<2	12	<1
35	138	TCV856	9.00	10.00	7823500	442875	GW	QZ	MI				M	0.001		17	2	13	<1
36	139	TCV857	7.00	8.00	7823500	442925	GW	QZ	MI			PY	M	0.002		11	5	20	<1
37	140	TCV858	9.00	10.00	7823500	442950	SI	CL	BT				F	<0.001		28	,2	29	<1
38	141	TCV859	9.00	10.00	7823500	442975	SI	CL					F	0.004	0.004	31	3	21	<1
39	142	TCV860	8.00	9.00	7823500	443025	SI	CL	BT				F	0.002		7	2	19	<1
40	143	TCV861	9.00	10.00	7823500	443050	SI	MI					F	0.001		21	4	26	<1
41	144	TCV862	7.00	8.00	7823500	443075	GW	QZ	MI				F	0.002	0.002	16	4	24	<1
42	145	TCV863	6.00	7.00	7823500	443125	SI	MI					F	0.005	0.004	22	<2	22	<1
43	146	TCV864	9.00	10.00	7823525	443125	SI	CL					F	0.002		7	<2	16	<1
44	147	TCV865	7.00	8.00	7823525	443075	GW	QZ	CL				F	0.002		7	<2	16	<1
45	148	TCV866	9.00	10.00	7823525	443050	SI	MI					F	0.001		9	<2	17	<1
46	149	TCV867	9.00	10.00	7823525	443025	SI	CL	MU				F	0.002		11	<2	26	<1
47	150	TCV868	9.00	10.00	7823525	442975	SI	CL	MU				F	<0.001		7	<2	22	<1
48	151	TCV869	8.00	9.00	7823525	442950	GW	MI	QZ				F	0.001		9	<2	18	<1
49	152	TCV870	9.00	10.00	7823525	442925	GW	MI	QZ				F	0.002		9	<2	14	<1
50	153	TCV871	7.00	8.00	7823525	442875	GW	CL					F	0.003	0.005	18	2	26	<1

RECORD	SAMP	HOLE	FROM	TO	N-AMG	E-AMG	TY	IM1	IM2	A1	S1	MN1	G	AU(0.001)	AU2(0.001)	CU(1)	PB(2)	ZN(1)	BI(1)
51	154	TCV872	5.00	6.00	7823550	442875	GW	QZ	MI				F	0.002		10	7	22	<1
52	155	TCV873	4.00	5.00	7823550	442925	GW	CL					F	0.001	0.002	9	6	15	<1
53	156	TCV874	9.00	10.00	7823550	442950	GW	CL	QZ				F	0.002	0.002	5	3	15	<1
54	157	TCV875	9.00	10.00	7823550	442975	SI	CL	BT				F	0.001		43	<2	56	<1
55	158	TCV877	9.00	10.00	7823550	443025	GW	MI	QZ				F	0.001		6	<2	22	<1
56	159	TCV878	9.00	10.00	7823550	443075	SI	MI					F	0.004	0.003	5	<2	19	<1
57	160	TCV879	9.00	10.00	7823550	443125	SI	CL	BT				F	<0.001		7	<2	16	<1

APPENDIX 2

RAB PERCUSSION DRILL HOLE DATA

RECORD	SAMP	HOLE	FROM	TO	N-AMG	E-AMG	AZIM	DIP	TY	IM1	IM2	IM3	A1	S1	A2	S2	A3	S3	TX	AU(0.001)	AU2(0.001)
1	501	TCR01	0.00	3.00	7823475	443000	180	-60	SO											0.002	0.001
2	502	TCR01	3.00	6.00	7823475	443000	180	-60	SA											0.001	
3	503	TCR01	6.00	9.00	7823475	443000	180	-60	SI				IR	W	QZ	W				0.001	
4	504	TCR01	9.00	12.00	7823475	443000	180	-60	SI	MI			IR	W	CL	M	BT	M		0.001	
5	505	TCR01	12.00	15.00	7823475	443000	180	-60	SI	MI			IR	M	CL	M				0.001	
6	506	TCR01	15.00	18.00	7823475	443000	180	-60	SI				IR	M					SH	0.001	
7	507	TCR01	18.00	21.00	7823475	443000	180	-60	SI	MI			CL	M	IR	W			SH	0.001	
8	508	TCR01	21.00	24.00	7823475	443000	180	-60	GR	QZ	FD	AX	CL	W	IR	W	BT	W	SH	0.002	
9	509	TCR01	24.00	27.00	7823475	443000	180	-60	GR	QZ	FD		CL	W	IR	M				0.001	0.001
10	510	TCR01	27.00	30.00	7823475	443000	180	-60	GR	QZ	FD		CL	W	IR	M				<0.001	
11	511	TCR01	30.00	33.00	7823475	443000	180	-60	GR	QZ	FD		CL	W	IR	M				0.001	
12	512	TCR01	33.00	34.00	7823475	443000	180	-60	GR	QZ	FD		CL	W	IR	M				0.002	
13	513	TCR02	0.00	3.00	7823500	443000	180	-60	SO											0.001	
14	514	TCR02	3.00	6.00	7823500	443000	180	-60	SA											0.002	
15	515	TCR02	6.00	9.00	7823500	443000	180	-60	CU											0.001	0.001
16	516	TCR02	9.00	12.00	7823500	443000	180	-60	SI				IR	W	QZ	W				0.002	
17	517	TCR02	12.00	15.00	7823500	443000	180	-60	SI	MI			CL	M					SH	0.001	
18	518	TCR02	15.00	18.00	7823500	443000	180	-60	SI	QZ			CL	W					SH	0.001	
19	519	TCR02	18.00	21.00	7823500	443000	180	-60	GR	QZ	FD		CL	W	IR	M			SH	0.002	0.001
20	520	TCR02	21.00	24.00	7823500	443000	180	-60	GR	QZ	FD		CL	W	IR	M				0.001	
21	521	TCR03	0.00	3.00	7823525	443000	180	-60	SO											0.001	
22	522	TCR03	3.00	6.00	7823525	443000	180	-60	SA											0.001	
23	523	TCR03	6.00	9.00	7823525	443000	180	-60	CU											<0.001	
24	524	TCR03	9.00	12.00	7823525	443000	180	-60	SI	MI	QZ		CL	W	BT	W	IR	W		<0.001	<0.001
25	525	TCR03	12.00	15.00	7823525	443000	180	-60	SI	MI			CL	W	BT	W	IR	W	SH	0.001	
26	526	TCR03	15.00	18.00	7823525	443000	180	-60	SI	MI			CL	W	BT	W	IR	W	SH	0.001	
27	527	TCR03	18.00	21.00	7823525	443000	180	-60	SI	MI			CL	W	BT	W	IR	W	SH	0.001	
28	528	TCR03	21.00	24.00	7823525	443000	180	-60	SI	MI			CL	S	BT	M	IR	W	SH	<0.001	
29	529	TCR03	24.00	27.00	7823525	443000	180	-60	GR	QZ	FD	BT								<0.001	
30	530	TCR03	27.00	30.00	7823525	443000	180	-60	GR	QZ	FD	BT								<0.001	
31	531	TCR03	30.00	33.00	7823525	443000	180	-60	GR	QZ	FD	BT								0.001	
32	532	TCR04	0.00	3.00	7823475	442950	180	-60	SO											0.001	
33	533	TCR04	3.00	6.00	7823475	442950	180	-60	SA											0.001	
34	534	TCR04	6.00	9.00	7823475	442950	180	-60	CU											<0.001	
35	535	TCR04	9.00	12.00	7823475	442950	180	-60	SI	MI			CL	W	BT	W			SH	0.002	0.001
36	536	TCR04	12.00	15.00	7823475	442950	180	-60	SI	MI			CL	W	BT	W			SH	0.001	
37	537	TCR04	15.00	18.00	7823475	442950	180	-60	SI	MI			CL	S	BT	W			SH	0.002	
38	538	TCR04	18.00	21.00	7823475	442950	180	-60	GR											0.001	
39	539	TCR04	21.00	24.00	7823475	442950	180	-60	GR											0.002	
40	540	TCR05	0.00	3.00	7823500	442950	180	-60	SO											0.001	
41	541	TCR05	3.00	6.00	7823500	442950	180	-60	SA											0.001	0.002
42	542	TCR05	6.00	9.00	7823500	442950	180	-60	SI	MI			CL	W						0.001	
43	543	TCR05	9.00	12.00	7823500	442950	180	-60	SI	MI			CL	W						0.001	
44	544	TCR05	12.00	15.00	7823500	442950	180	-60	SI	MI			CL	S	BT	W				0.001	
45	545	TCR05	15.00	18.00	7823500	442950	180	-60	SI	MI			CL	S	BT	W				0.001	0.001
46	546	TCR05	18.00	21.00	7823500	442950	180	-60	GR	QZ	FD	BT								0.001	
47	547	TCR05	21.00	24.00	7823500	442950	180	-60	GR	QZ	FD	BT								0.001	
48	548	TCR06	0.00	3.00	7823525	442950	180	-60	SO											0.001	
49	549	TCR06	3.00	6.00	7823525	442950	180	-60	SA											<0.001	
50	550	TCR06	6.00	9.00	7823525	442950	180	-60	CU											<0.001	

RECORD	SAMP	HOLE	FROM	TO	N-AMG	E-AMG	AZIM	DIP	TY	IM1	IM2	IM3	A1	S1	A2	S2	A3	S3	TX	AU(0.001)	AU2(0.001)
51	551	TCR06	9.00	12.00	7823525	442950	180	-60	SI	IR	MI		QZ	W	IR	W	CL	M		<0.001	
52	552	TCR06	12.00	15.00	7823525	442950	180	-60	SI	MI			QZ	W	IR	W	CL	M	SH	<0.001	<0.001
53	553	TCR06	15.00	18.00	7823525	442950	180	-60	SI	MI			QZ	W	CL	M			SH	0.002	0.001
54	554	TCR06	18.00	21.00	7823525	442950	180	-60	GR	QZ	FD		IR	M	CL	M			SH	0.001	
55	555	TCR06	21.00	24.00	7823525	442950	180	-60	GR	QZ	FD		IR	M	CL	W	BT	W		0.001	
56	556	TCR06	24.00	25.00	7823525	442950	180	-60	GR	QZ	FD		IR	M	CL	W	BT	W		0.001	
57	557	TCR07	0.00	3.00	7823525	442900	180	-60	SO											0.001	
58	558	TCR07	3.00	6.00	7823525	442900	180	-60	SI	MI			CL	M					SH	0.001	
59	559	TCR07	6.00	9.00	7823525	442900	180	-60	SI	MI			CL	M	BT	W			SH	0.001	
60	560	TCR07	9.00	12.00	7823525	442900	180	-60	GR	QZ	FD		BT	W	IR	W				0.001	
61	561	TCR08	0.00	3.00	7823500	442900	180	-60	SO											0.001	0.002
62	562	TCR08	3.00	6.00	7823500	442900	180	-60	SA											0.001	
63	563	TCR08	6.00	9.00	7823500	442900	180	-60	CU											0.002	0.001
64	564	TCR08	9.00	12.00	7823500	442900	180	-60	SI	MI			CL	W	BT	W				0.002	0.002
65	565	TCR08	12.00	15.00	7823500	442900	180	-60	SI	MI			CL	M	BT	W				0.003	0.003
66	566	TCR08	15.00	18.00	7823500	442900	180	-60	SI	MI			CL	M	BT	W			SH	0.007	0.006
67	567	TCR08	18.00	21.00	7823500	442900	180	-60	SI	MI			CL	S	GR	W			SH	0.003	
68	568	TCR08	21.00	24.00	7823500	442900	180	-60	GR	QZ	FD		IR	M					SH	0.002	
69	569	TCR08	24.00	27.00	7823500	442900	180	-60	GR	QZ	FD		IR	M						0.001	
70	570	TCR08	27.00	28.00	7823500	442900	180	-60	GR	QZ	FD		IR	M						0.005	0.006
71	571	TCR09	0.00	3.00	7823475	442900	180	-60	SO											0.001	
72	572	TCR09	3.00	6.00	7823475	442900	180	-60	SA											0.001	
73	573	TCR09	6.00	9.00	7823475	442900	180	-60	CU											0.001	
74	574	TCR09	9.00	12.00	7823475	442900	180	-60	SI	MI			CL	W						0.001	
75	575	TCR09	12.00	15.00	7823475	442900	180	-60	SI	MI			CL	M						0.001	0.003
76	576	TCR09	15.00	18.00	7823475	442900	180	-60	SI	MI			CL	W	BT	W			SH	0.001	
77	577	TCR09	18.00	21.00	7823475	442900	180	-60	SI	MI			CL	M	BT	W			SH	0.002	0.001
78	578	TCR09	21.00	24.00	7823475	442900	180	-60	GR	QZ	FD		IR	M					SH	0.001	
79	579	TCR09	24.00	27.00	7823475	442900	180	-60	GR	QZ	FD		IR	W						<0.001	0.001
80	580	TCR09	27.00	30.00	7823475	442900	180	-60	GR	QZ			IR	W						0.001	