NORTHERN TERRITORY
TANAMI PROJECT
PARTIAL RELINQUISHMENT REPORT
FOR THE PERIOD
31 DECEMBER 1993 TO 30 DECEMBER 1997

VOLUME 2 OF 2

TENEMENTS:	EL'S 7632, 7633 (TANAMI 2)
TENEMENT HOLDER:	SONS OF GWALIA LTD
OPERATOR:	SONS OF GWALIA LTD 16 PARLIAMENT PLACE WEST PERTH WA 6005
COMMODITY:	GOLD
SHEETS COVERED:	MT THEO, MT SOLITAIRE & MT PEAKE
PREPARED BY:	Jane Westaway J WESTAWAY, T SLADE
AUTHORISED BY:	Jane Westaway for P RUZICKA
DISTRIBUTION:	SONS OF GWALIA LTD – PERTH (1) SONS OF GWALIA LTD – ALICE SPRINGS (1) N.T. DEPT OF MINES & ENERGY – DARWIN (1) CENTRAL LAND COUNCIL – ALICE SPRINGS (1)
REPORT NO:	0325-08

Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE 11/03/98	PLAN 4a
1:25000	REF No. 1	FILE RELINQAU

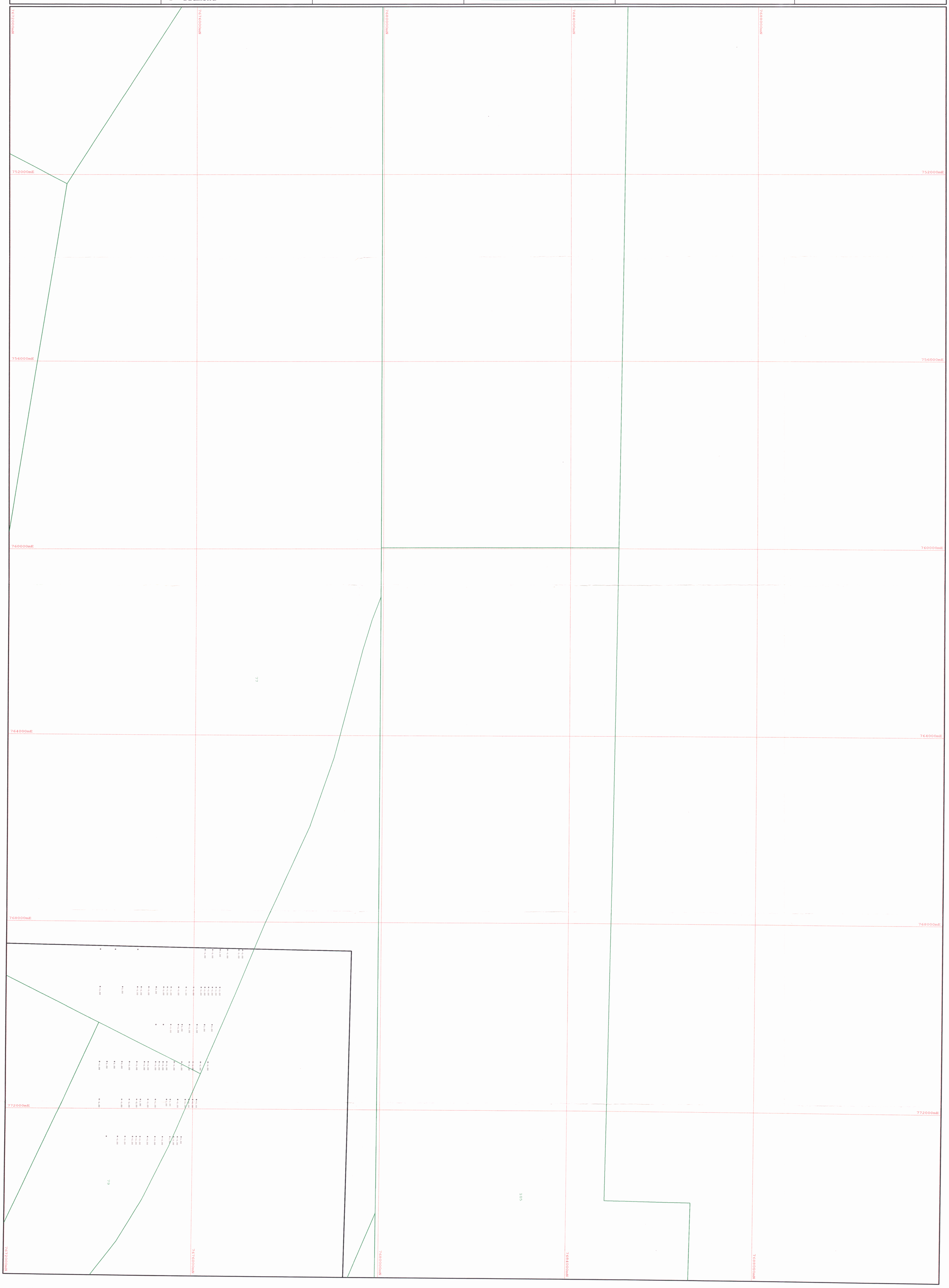
0 — 2500m

CR90/457

Walkely Hills

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report



Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE 11/03/98	PLAN 4b
1:25000	REF No. 1	FILE RELINQAU

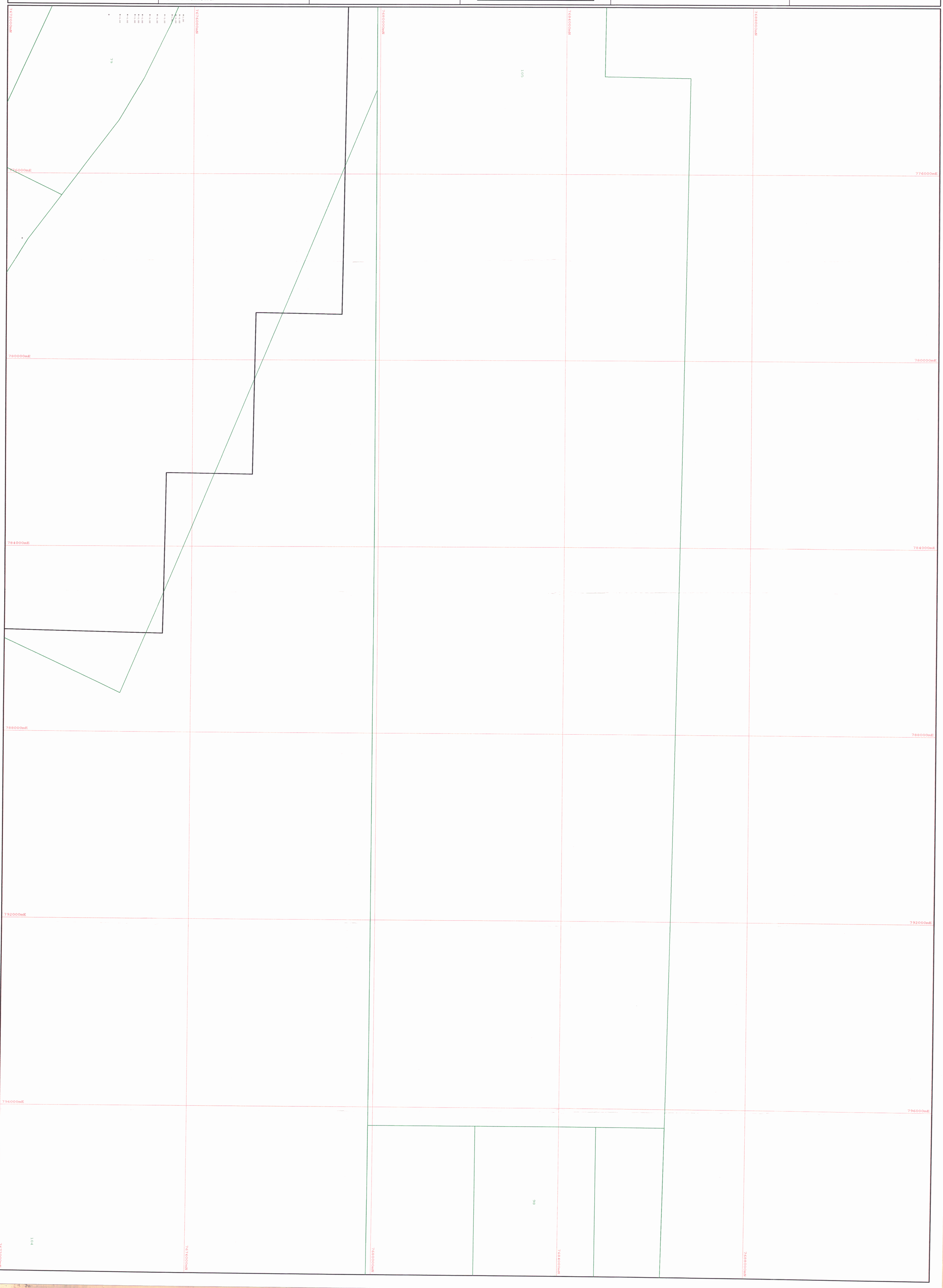
0 — 2500m

CR98/457

Parkers Cone

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report



Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE 11/03/98	PLAN 4c
1:25000	REF No. 1	FILE RELINQAU

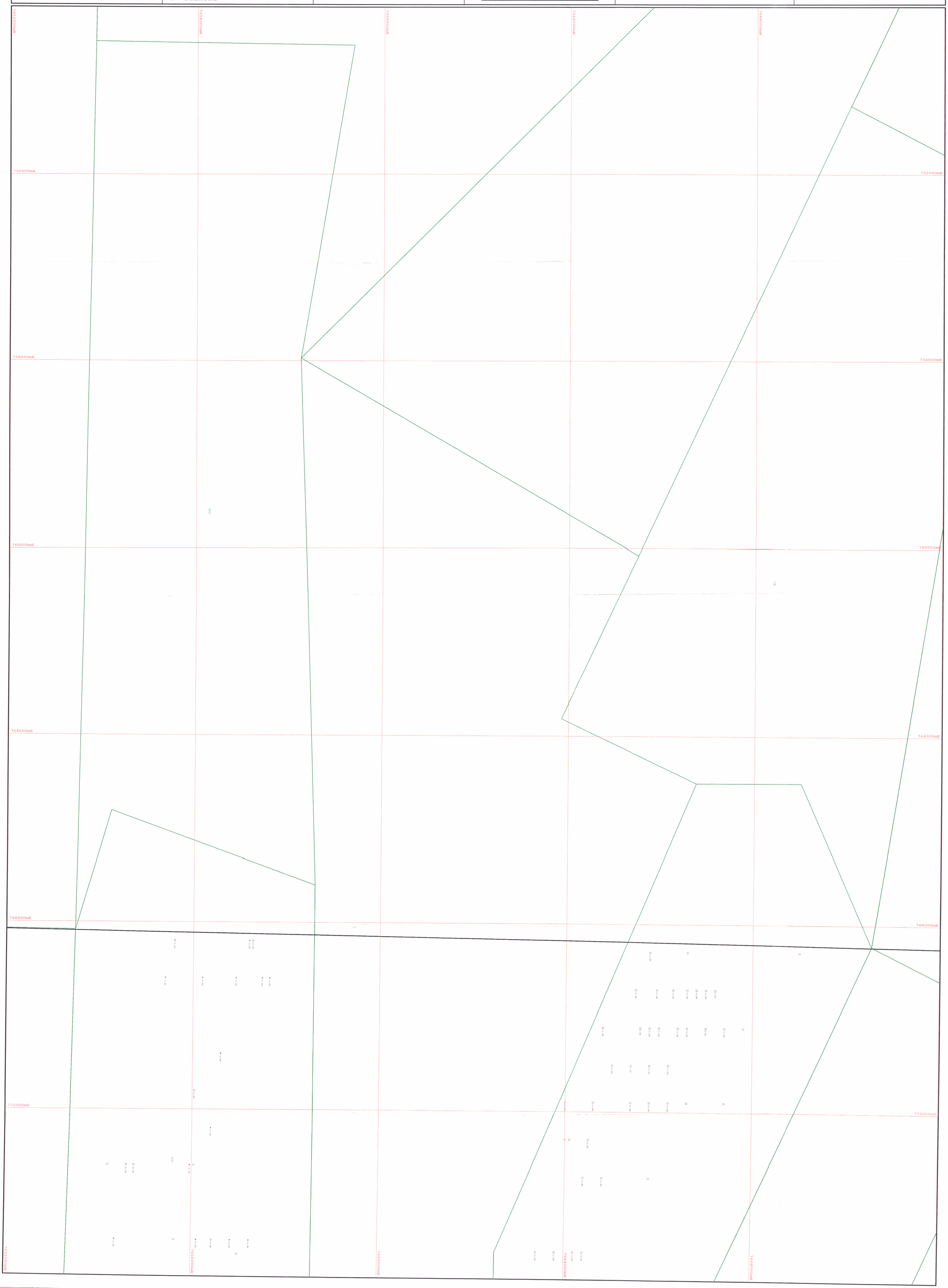
0 2500m

CR98/457

Djanba Hills

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report



Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE 11/03/98	PLAN 4d
1:25000	REF No. 1	FILE RELINQAU

0 — 2500m

CR98/457

Ngalabaldjiri Hills

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report

Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE	PLAN 4e
1:25000	11/03/98	
	REF No. 1	FILE RELINQAU

0 — 2500m

CR98/457

Arthur Hills

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report

Boundary of Area Relinquished

Work Area

Hole Type
- Vacuum
- Aircore
- RAB
- RC
- Diamond

Scale	DATE	PLAN 4f
1:25000	11/03/98	
	REF No. 1	FILE RELINQAU

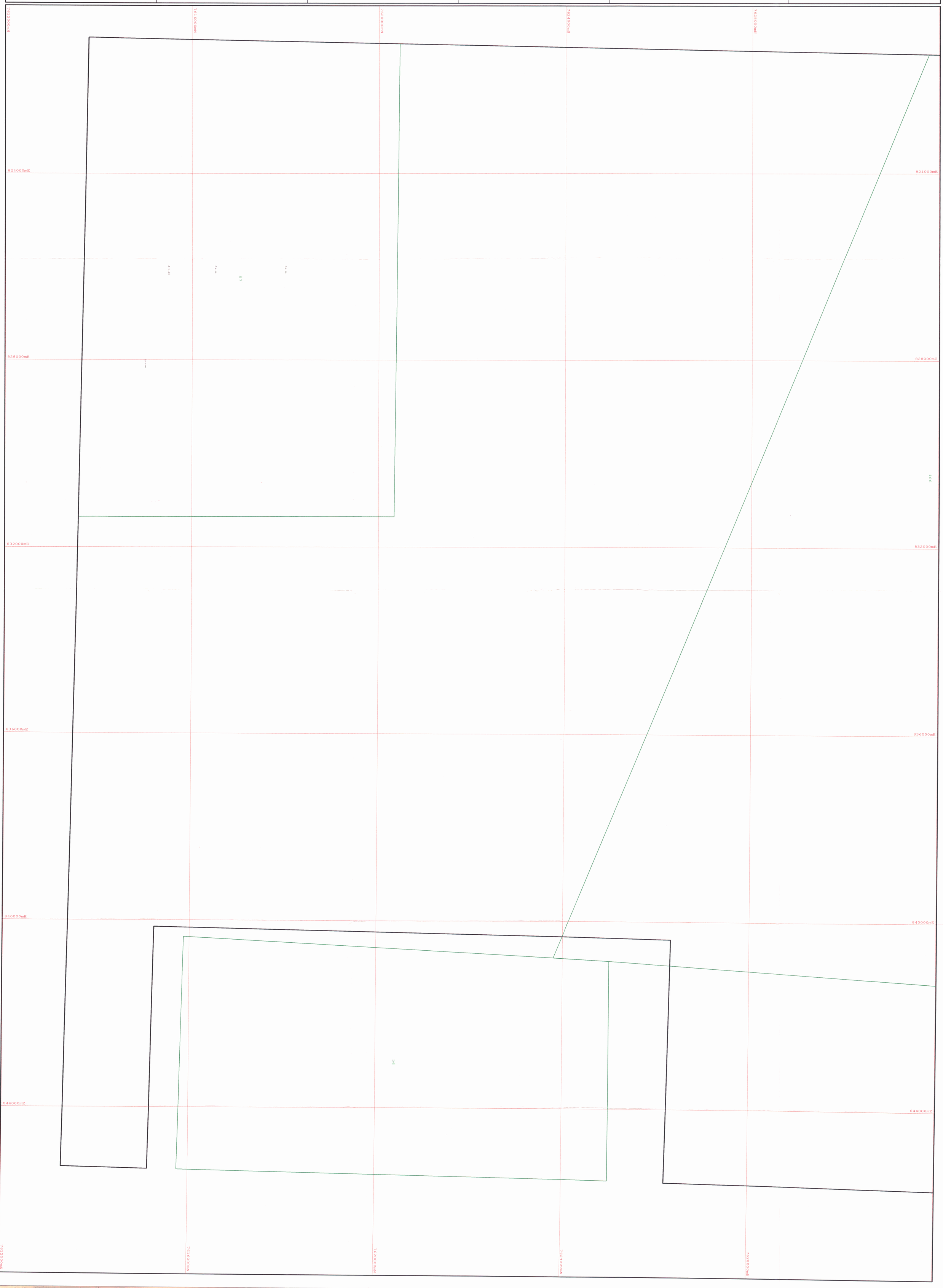
0 — 2500m

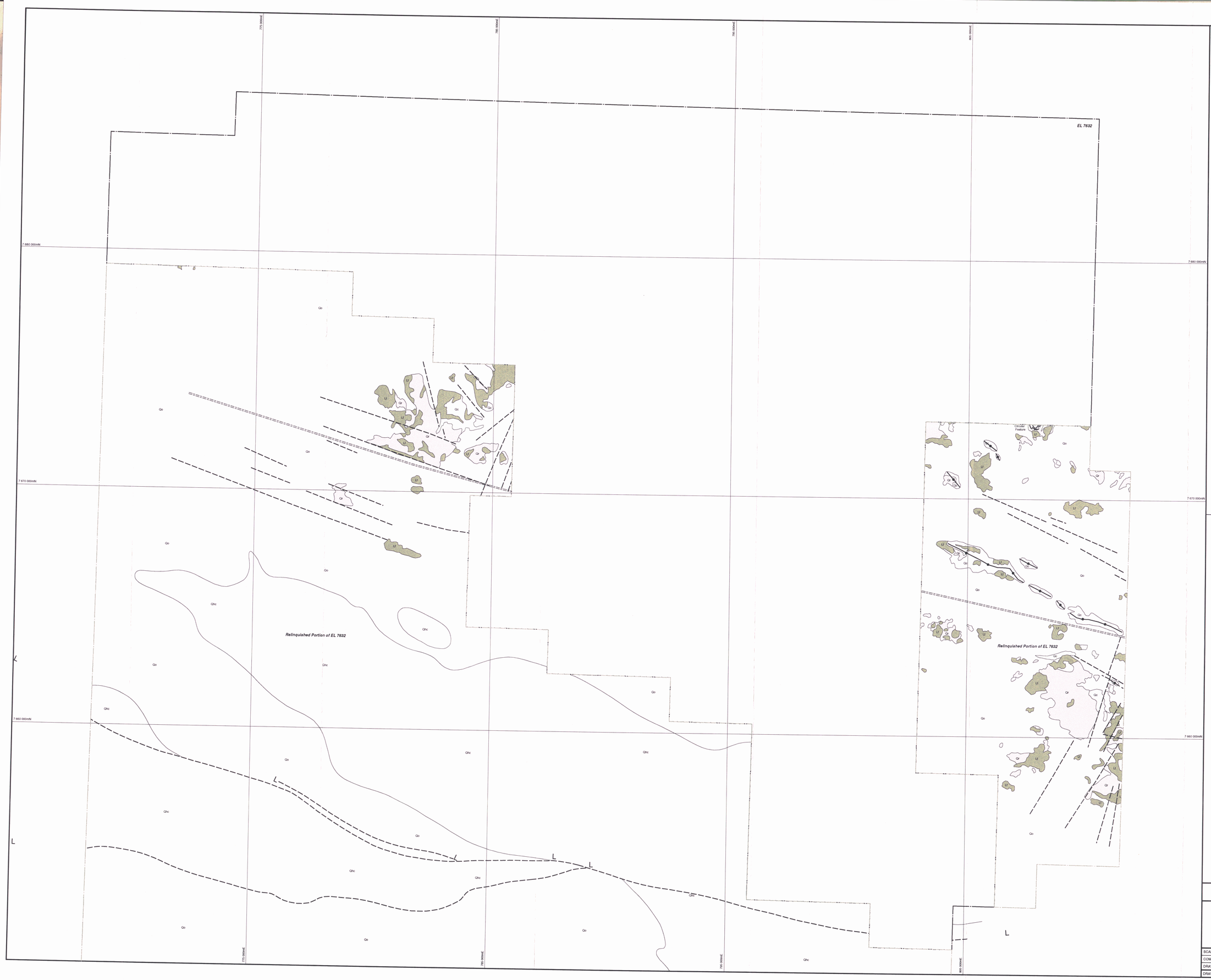
CR98/457

Lander River

Maximum Downhole Gold (ppb)

SONS OF GWALIA LTD
Tanami 2 Project
Partial Relinquishment Report





TOPOGRAPHY

- Highway
- Road
- Unmetalled road
- Track
- Fence, with gate
- Telegraph line
- Open cut mine or gravel pit
- Shaft, pit, with dump
- Dry bore/sump or float
- Drillhole - vertical, inclined
- Costean or trench
- Creek
- Well or bore
- Tenement boundary
- Tenement peg - surveyed - GPS control - as photo

STRUCTURE

- Geological boundary - accurate, approximate, inferred
- Fault (F) or Shear(s) (L) - accurate, approximate, inferred
- Low angle fault - direction of dip shown
- Thrust fault - triangle on older rock
- Shear zone
- Unconformity
- Antiformal, synformal folding with plunge direction
- Drag fold - direction & plunge
- Bedding - trend, measured, vertical
- Metamorphic foliation - schistosity, measured, vertical
- Jointing - measured, vertical, horizontal
- Cleavage - measured, vertical, horizontal
- Lineation - direction & plunge, horizontal

RECENT - SURFICIAL DEPOSITS

- Qa Alluvium
- Qf Footslope diagonals
- Qc Colluvium
- Qs Stockpile
- Qd Duke deposits
- Qw Wetland soil
- Qp Playa
- Qe Eaolian
- Qhc Hardpan
- Qu Silcrete
- Qk Calcrete

LATERITE PROFILE - WEATHERING

- Qr Residual
- Qrf Ferricrete
- Qrs Silcrete
- Qrk Calcrete
- Ln Ferruginous zone
- Lm Mottled clay zone
- Lk Kaolin
- Lp Pisolite zone
- Lsc Saprolite
- Lsf Ferruginous
- Lsk Kaolinitic
- Lsm Mottled
- Lsp Pisolitic

MAFIC ROCKS

- Ul Undifferentiated mafic rock
- Um Undifferentiated mafic volcanics
- Umv Undifferentiated mafic sub-volcanic
- Mb Basalt
- Mbk Basalt kaolin
- Mdb Dolerite
- Mgb Gabbro
- Mgbk Gabbro kaolin
- Ma Amphibolite
- Mzb Zoned dolerite (eg zone 1)
- Mzd Quartz dolerite
- Mzp Granophyric dolerite
- Mzc Leucocratic (mafic 1-35%)
- Mzm Melanocratic (mafic 35-65%)

ULTRAMAFIC ROCKS

- Uu Undifferentiated ultramafic rock
- Uud Dolite (>50% Ol)
- Uup Peridotite (>40% Ol)
- Uop Orthopyroxenite - Clinopyroxenite
- Uopy Pyroxenite (<10% hyper)
- Uo Dunite
- Uoa Serpentinite after dunite
- Uot Talc-chlorite after dunite
- Uotm Talc magnesite
- Uotl Talc carbonate
- Uotc Talc chlorite after dunite
- Uosc Serpentinite - talc chlorite
- Uosa Amphibole - chlorite after dunite

FELSIC AND INTERMEDIATE ROCKS

- Fu Undifferentiated felsic rock
- Fuv Undifferentiated felsic volcanics
- Fuvi Undifferentiated felsic volcanic intrusives
- Fg Granitoids
- Fgr Rhyolite
- Fgrk Rhyolite kaolin
- Fgra Aplite
- Fgrv Rhyolite
- Fgrvk Rhyolite kaolin
- Fgrd Granite
- Fgrdk Granite kaolin
- Fgrdc Granodiorite
- Fgrdt Tonalite
- Fgrdg Granite
- Fgrdgk Granite kaolin
- Fgrs Syenite
- Fgrsk Syenite kaolin
- Fgrc Charnockite
- Fgrck Charnockite

SEDIMENTARY ROCKS

- Su Undifferentiated sedimentary rock
- Sc Conglomerate
- Sa Sandstone - quartzite
- Sq Quartzite
- Sr Breccia
- Sb Shale
- Sk Siltstone
- Sf Chert - Hornfelsic
- Sm Marl
- Sm Iron formation
- Sl Limestone
- Sd Dolomite
- Sz Calcrete
- Sbr Sedimentary breccia

ALBANIAN ROCKS

- Ma Metadolerite
- Mlp Lamprophyre lamprophyre
- Mu Ultramafics

METAMORPHIC - TECTONIC ROCKS

- Mt Tectonite / cataclasite
- Mm Mylonite
- Mh Hornfels
- Mq Quartzite
- Mqm Quartz mylonite
- Mb Cataclasite
- Mbm Basic mylonite (eg at Guildford)

MISCELLANEOUS ROCKS

- Mbr Breccia
- Mv Volcanic
- Mqv Quartz veinlet, large veins

TEXTURAL FEATURES

- ae aplitic
- ag agglomeratic
- ap porphyritic
- ad aphanitic
- ab blocky
- bl blebby
- bx brecciated
- bm brecciated
- cr crenulated
- ch chilled
- ff fine grained
- gr grained
- gb granoblastic
- gd gneissic
- lm laminated
- lb lobated
- lr lineated
- lp lepidoblastic
- lg lepidoblastic
- mb mosaic
- mc mottled
- mt mottled
- mv mottled
- nd nodular
- oo oolitic
- pa parallel
- pb porphyroblastic
- pc porphyritic
- pd pisolitic
- pl pillow
- pr prismatic
- pt pitted
- rb rhombic
- rh rhomb
- rm rhombic
- rp rhomb
- sc scoriaceous
- sh schistose
- sp spinifex
- sr scoriaceous fragmental
- st stretched
- vc vesicular
- vf vesicular
- vm vesicular
- vp vesicular
- vt vesicular
- vv vesicular
- ff fulleranoid
- ad sub-ball
- ac crystal-ball
- ag agglomeratic ball
- ab bomb-ball

COLOURS

- bla black
- blu blue
- br brown
- gr green
- or orange
- pi pink
- pu purple
- red red
- wh white
- yel yellow
- l light
- d dark

MINERALOGY (MOTIF) - ALTERATION / VEIN (VM)

- ab albite
- ac actinolite
- am amphibole
- an anorthite
- ap apatite
- ar aragonite
- ba barite
- bi biotite
- ca calcite
- cb carbonate
- ch chlorite
- cl clay
- cm chlorite
- cr crocoite
- cs cassiterite
- cy cryptite
- dm diamond
- dr dravite
- ep epidote
- fe iron
- fl fluorite
- fs feldspar
- gl glass
- gn galena
- gr graphite
- gy gypsum
- hb hornblende
- hm hematite
- ho hornfels
- kn kaolin
- lm limonite
- lp lepidolite
- lu luxulianite
- mc muscovite
- mg magnetite
- mn manganese
- mo molybdenite
- mu muscovite
- na nacrite
- ne nepheline
- oc ochre
- op opal
- or orthoclase
- pa paragonite
- pb phlogopite
- pc pectolite
- pd prehnite
- pe pyrite
- pl plagioclase
- po potash
- pr prehnite
- pt pyrite
- qt quartz
- qz quartzite
- rc rock crystal
- rh rhodonite
- rm rhombic
- rp rhomb
- sc scapolite
- sd siderite
- se sericite
- sh shale
- sk silicification
- sm smectite
- sp sphene
- st stilbite
- sy syenite
- ta talc
- tc talc
- tl tellurium
- tm tourmaline
- tr tremolite
- wn wollastonite

Scale 1 : 50 000

1 0 1 2 3 4

km

AMG ZONE 52

PLAN 5

SONS OF GWALIA LTD.

TANAMI

EL 7632
REGOLITH INTERPRETATION

SCALE	1 : 50 000	LOCATED ON	MT. SOLITAIRE 1 : 250 000 SHEET		
COMPILED	T. J. SLADE	SEPT '97	LAST REVISION		
DRAWN	P. LITIC	MAR '98	ORIGINAL HELD	PERTH	MS

DRAWING NUMBER : ..\drawings\aust\zone52\tanami 2\fa29801\er01_a0.dgn

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