

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC001

**Target:** Updip Extension of Gravity Modelled Body 1, oxide zone  
Shallowest hole, drill fence 1

Prospect: **EWAN EDWARD**  
Tenement: **EL23897**  
Locality: **Tennant Creek**

### Field Data

Datum: **MGA94 Z53**  
Easting: **438280.4** (tape & compass from surveyed grid)  
Northing: **7817233.5** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic brg + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **65m**

Date Drilled: **19/07/2005**  
Hole Type: **RC**  
Drilled By: **Underdale Drillers**  
Rig: **Mk10 Investigator**  
Air: **900cfm/350psi**  
Booster: **No**  
Logged By: **Ian Cowden**

### Survey Data

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured.  
Intersected siltstones and sandstones of the Warramunga Formation; possible qtz porphyry 55-63m  
No water intersected in drilling of hole.  
Minor quartz veining, qtz porphyry hangingwall  
No faults or major structures identified in drill chips.  
Base of clays at 15m downhole; still in weathered rock at 65m (EOH).

	From:	To:	No:	Comments:
<b>Samples:</b>	10001	10065	65	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10021	10040	20	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC002

**Target:** Upper Part of Gravity Modelled Body 1  
20m stepback from ERC01, drill fence 1

Prospect: **EWAN EDWARD**  
Tenement: **EL23897**  
Locality: **Tennant Creek**

### Field Data

Datum: **MGA94 Z53**  
Easting: **438290.3** (tape & compass from surveyed grid)  
Northing: **7817250.4** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **108m**

Date Drilled: **20/07/2005**  
Hole Type: **RC**  
Drilled By: **Underdale Drillers**  
Rig: **Mk10 Investigator**  
Air: **900cfm/350psi**  
Booster: **No**  
Logged By: **Ian Cowden**

### Survey Data

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured; hematite alteration above and below qp hangingwall contact, 64-75m.  
Intersected siltstones and sandstones of the Warramunga Formation; quartz porphyry from 69-93m  
Damp, smaller samples at rod changes: 66m, 72m, 78m, 84m, 90m.  
Little quartz veining except within quartz porphyry intrusive where it reaches 10% at 79-80m.  
No faults or major structures identified in drill chips.  
Base of clays at 15m downhole; fresh rock at 93m.

	From:	To:	No:	Comments:
<b>Samples:</b>	10066	10173	108	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10126	10160	35	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC003

**Target:**

Gravity Modelled Body 1  
20m stepback from ERC02, drill fence 1

Prospect:

EWAN EDWARD

Tenement:

EL23897

Locality:

Tennant Creek

**Field Data**

Datum: **MGA94 Z53**  
Easting: **438300.7** (tape & compass from surveyed grid)  
Northing: **7817268.1** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **150m**

Date Drilled:

20-21/07/2005

Hole Type:

RC

Drilled By:

Underdale Drillers

Rig:

Mk10 Investigator

Air:

900cfm/350psi

Booster:

No

Logged By:

Ian Cowden

**Survey Data**

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth	Azimuth
		(mag)	(MGA)

No downhole camera equipment available on drilling.

Survey data entered into database and checked:

**Comments:**

No ironstone intersected - no mag sus measured; qp is moderately hematitic from 108-115m.

Intersected siltstones and sandstones of the Warramunga Formation; quartz porphyry from 103-117m.

Made water o'night at 96m; wet sample 96-7m; damp, smaller at rod changes 102&103m, 114, 126, 132,138, 144m

Quartz veining mainly in qp, up to 7% from 108-109m; minor qv also at 3-4m, 17-18m, 32-34m, 78-79m, 124-126m.

No faults or major structures identified in drill chips.

Base of clays at 10m downhole; fresh rock at 93m

	From:	To:	No:	Comments:
<b>Samples:</b>	10174	10323	150	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10274	10293	20	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC004

**Target:**

Gravity Modelled Body 3  
45m stepback from ERC03, drill fence 1

Prospect:

EWAN EDWARD

Tenement:

EL23897

Locality:

Tennant Creek

**Field Data**

Datum: **MGA94 Z53**  
Easting: **438323.0** (tape & compass from surveyed grid)  
Northing: **7817306.6** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **65m**

Date Drilled:

21/07/2005

Hole Type:

RC

Drilled By:

Underdale Drillers

Rig:

Mk10 Investigator

Air:

900cfm/350psi

Booster:

No

Logged By:

Ian Cowden

**Survey Data**

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

**Comments:**

No ironstone intersected - no mag sus measured.  
Intersected silty sandstones and sandstones of the Warramunga Formation.  
No water intersected in drilling of hole.  
No quartz veining  
No faults or major structures identified in drill chips.  
Base of clays at 12m downhole; still in weathered rock at 65m (EOH).

	From:	To:	No:	Comments:
Samples:	10324	10388	65	1m splits, bagged into calico ~3kg each
Submitted:			0	

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC005

**Target:** Upper Part of Gravity Modelled Body 1  
Drill fence 2, 60m WNW of fence 1

Prospect: **EWAN EDWARD**  
Tenement: **EL23897**  
Locality: **Tennant Creek**

### Field Data

Datum: **MGA94 Z53**  
Easting: **438239.1** (tape & compass from surveyed grid)  
Northing: **7817280.0** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **108m**

Date Drilled: **21-22/7/2005**  
Hole Type: **RC**  
Drilled By: **Underdale Drillers**  
Rig: **Mk10 Investigator**  
Air: **900cfm/350psi**  
Booster: **No**  
Logged By: **Ian Cowden**

### Survey Data

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured; qp hematitic, 84-85m.  
Intersected siltstones and sandstones of the Warramunga Formation; qtz porphyry from 82-90m  
Damp, small samples 84-86m after rod change  
Qtz veining 6m, 11m, 18m, max 10% 38-39m then tr-minor qv for rest of hole (v little qv in qp)  
No faults or major structures identified in drill chips.  
Base of clays at 15m downhole; fresh rock at 77m

	From:	To:	No:	Comments:
<b>Samples:</b>	10389	10496	108	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10469	10483	15	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC006

**Target:** Gravity Modelled Body 1  
Drill fence 2, 60m WNW of fence 1

Prospect: **EWAN EDWARD**  
Tenement: **EL23897**  
Locality: **Tennant Creek**

### Field Data

Datum: **MGA94 Z53**  
Easting: **438248.9** (tape & compass from surveyed grid)  
Northing: **7817297.2** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **210** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **150m**

Date Drilled: **22/07/2005**  
Hole Type: **RC**  
Drilled By: **Underdale Drillers**  
Rig: **Mk10 Investigator**  
Air: **900cfm/350psi**  
Booster: **No**  
Logged By: **Ian Cowden**

### Survey Data

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured; qp is wk-mod hematitic, 112-115m.

Intersected siltstones and sandstones of the Warramunga Formation; qtz porphyry from 112-119m

Water level at 48m d/hole next morning; small damp samples at rod changes 120m, 138-141m.

Quartz veining 20m (20%), 31m (20%), 34m, 57m, 60m, 65m, 68m, 119m, 133-35m; 1-2% average in qp 114-119m

No faults or major structures identified in drill chips.

Base of clays at 8m downhole; fresh rock at 78m

	From:	To:	No:	Comments:
<b>Samples:</b>	10497	10646	150	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10605	10619	15	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC007

### Target:

Gravity Modelled Body 1

Drill fence 2, 60m WNW of fence 1 (scissor hole to ERC06)

Prospect:

EWAN EDWARD

Tenement:

EL23897

Locality:

Tennant Creek

### Field Data

Datum: MGA94 Z53

Easting: 438179.8 (tape & compass from surveyed grid)

Northing: 7817173.1 (tape & compass from surveyed grid)

RL: 350 (nominal)

Azimuth: 030 (MGA grid, = magnetic + 4.5 degrees)

Dip: -60 (clinometer)

Depth: 144m

Date Drilled:

23/07/2005

Hole Type:

RC

Drilled By:

Underdale Drillers

Rig:

Mk10 Investigator

Air:

900cfm/350psi

Booster:

No

Logged By:

Ian Cowden

### Survey Data

Collar Data: Method of Survey:

Easting:

RL:

Northing:

Comments: MGA 94 Z53

Azimuth:

Dip:

Downhole Survey: Method of Survey:

Depth, m

Dip

Azimuth

Azimuth

(mag)

(MGA)

No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured; weak hematite, 70-97m.

Intersected siltstones and sandstones of the Warramunga Formation; qp not reached, hole abandoned due to xs water.

Water level at 78m d/hole next morning; small damp samples at rod changes from 48m, contamination from 102m

Minor quartz veining 36m, 47m.

No faults or major structures identified in drill chips.

Base of clays at 16m downhole; fresh rock from 100m.

	From:	To:	No:	Comments:
Samples:	10647	10791	144	1m splits, bagged into calico ~3kg each
Submitted:			0	Target zone not reached

S/No: 10648 not used

# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

Hole:

ERC008

**Target:** Structural dislocation - Gravity Modelled Bodies 1, 4, 10  
155m ESE from drill fence 1

Prospect: **EWAN EDWARD**  
Tenement: **EL23897**  
Locality: **Tennant Creek**

### Field Data

Datum: **MGA94 Z53**  
Easting: **438368.0** (tape & compass from surveyed grid)  
Northing: **7817070.0** (tape & compass from surveyed grid)  
RL: **350** (nominal)  
Azimuth: **030** (MGA grid, = magnetic + 4.5 degrees)  
Dip: **-60** (clinometer)  
Depth: **162m** end of available rods

Date Drilled: **24/07/2005**  
Hole Type: **RC**  
Drilled By: **Underdale Drillers**  
Rig: **Mk10 Investigator**  
Air: **900cfm/350psi**  
Booster: **No**  
Logged By: **Ian Cowden**

### Survey Data

Collar Data:	Method of Survey:
Easting:	RL:
Northing:	Comments: MGA 94 Z53
Azimuth:	Dip:

Downhole Survey:	Method of Survey:
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Depth, m	Dip	Azimuth (mag)	Azimuth (MGA)
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No downhole camera equipment available on drilling.

Survey data entered into database and checked:

### Comments:

No ironstone intersected - no mag sus measured; qp is weak-mod hematitic 96-109m.  
Intersected siltstones and sandstones of the Warramunga Formation, quartz porphyry from 95-111m.  
Wet smaller samples from 78m, contamination from 102m on rod changes. Strong water inflow, last 12m  
Minor quartz veining 4m, 12m, 20m, 24m, 35m (10%), 90m; weak qv in much of qp, 0.5- 5.0%.  
No faults or major structures identified in drill chips.  
Base of clays at 23m downhole; fresh rock at 95m, h/wall of qp.

	From:	To:	No:	Comments:
<b>Samples:</b>	10792	10953	162	1m splits, bagged into calico ~3kg each
<b>Submitted:</b>	10882	10904	23	ALS Chemex AS05060352, Au/Multi element; reported 8 Aug 05
	10954	10957	4	field resplits of 10892, 10893, 10895, 10896



# RESOURCE HOLDINGS (WA) PTY LTD

## Drillhole Summary Sheet

## Logging Codes, ERC001-008

### Weathering:

cw	completely weathered
w	weathered
pw	part weathered
fr	fresh

### Colour:

Buff	Buff
Bl	Black
Br	Brown
Gn	Green
Gy	Grey
Pi	Pink
Pu	Purple
R	Red
Wh	White
Y	Yellow

L	Light
D	Dark
(_)	weakly

### Rock:

cy	clay
zst	siltstone
zst/s	siltstone, slightly sandy or coarser grained
z/sst	sandstone, slightly silty or very fine grained
sst	sandstone (vf, f, m gr = very fine, fine, medium grain size)
rx	rock fragments
qp	quartz porphyry/granitic intrusive
qv	quartz vein
chl	chloritic
he, hem	hematitic
ind	indurated
li	limonitic
sil	silicified
vlet	veinlets
tr	trace
m	minor
c	common