

# Total Station Line Survey

Surveyor R Routley

Hours Start 0700

Finish 1900

GPS Unit #

Survey Assistant P Hansen

Totals Hours 12.0 Hrs

Vehicle Rego Hire Single Cab

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PB	3196	3512	316	7.9	Travel 0.5 Hrs
			Total 316	Total 7.90 km	Standby Rain 1.5hrs

# Wilson Survey Group P/L

## Daily Productivity Report

Project : 2001 Midlands 2 D Seismic Survey

Client: Great South Lands Minerals Limited

Date: 24/03/2001      Job Number: 2001-003

### Office

Surveyor		R Wilson		Survey Assistant		Vehicle Rego	
Hours		Start 700	Finish 1200	Totals Hours		12	
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments		
					PB REDUCTIONS		
					ST REDUCTIONS		
					Office 5.0 hrs		

### GPS Surveying Crew # 1

Surveyor		T Worrall		Survey Assistant		R Simmons		Vehicle Rego Hire Dual Cab	
Hours		Start 0700	Finish 1700	Totals Hours		12.0Hrs			
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments				
PR	729	928	199	4975	Travel 2.0Hrs				

### GPS Surveying Crew # 2

Surveyor		J Turner		Survey Assistant		Paul		Vehicle Rego Toyota Dual Cab	
Hours		Start 0700		Finish 1930		Totals Hours		12.0Hrs	
Line Number		Starting Station		Ending Station		No. Stns		Distance	
PR		409		622		213.00		5325	
		</							

# Total Station Line Survey

Surveyor R Routley

Hours Start 0700

Finish 1900

GPS Unit #

Survey Assistant

P Melrose

Totals Hours

12.0 Hrs

Vehicle Rego Hire Single Cab

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PB	3512	3540	28	0.7	Travel 1.5 Hrs
TB	648	786	138	3.45	
			Total 166	Total 4.15 km	Standby Rain 1.5hrs

# Wilson Survey Group P/L

Project : 2001 Midlands 2 D Seismic Survey

## Daily Productivity Report

Client: Great South Lands Minerals Limited

Date: 25/03/2001      Job Number: 2001-003

### Line Ranging

Surveyor		R Wilson		Survey Assistant			
Hours		Start 730	Finish 1800	Totals Hours		10.5	
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments		
PR				8.0 km			
PT				25.0 km			
PQ				3.5 km			

### GPS Surveying Crew # 1

Surveyor		T Worrall		Survey Assistant		R Simmons	
Hours		Start 0600		Finish 1700		Totals Hours	
						11.0hrs	
Line Number		Starting Station	Ending Station	No. Stns	Distance	Comments	
PR		645	720	75	1875	Travel 2.0Hrs	
		1178	1324	146	3650	Rain Standby 1.0 hrs	

### GPS Surveying Crew # 2

Surveyor		J Turner		GPS Unit #		Paul		Vehicle Rego Toyota Dual Cab	
Hours		Start 0700		Finish 1700		Survey Assistant		11.0Hrs	
						Totals Hours			
Line Number		Starting Station	Ending Station	No. Stns	Distance	Comments			
PR		928	1178	250	6250	Travel 2.0Hrs			
						Rain Standby 1.0 hrs			
				Total 250	Total 6.25 km				



# Wilson Survey Group P/L

## Daily Productivity Report

Project : 2001 Midlands 2 D Seismic Survey

Client: Great South Lands Minerals Limited

Date: 26/03/2001 Job Number: 2001-003

### Line Ranging

Surveyor R Wilson

Hours Start 600 Finish 1800

GPS Unit #

Survey Assistant

Totals Hours

12

Vehicle Rego

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PT				8.0 km	Ranging 4.5 hrs
Office					
5.0 hrs					5.0 hrs reductions on PR, PQ, PB

### GPS Surveying Crew # 1

Surveyor T Worrall

Hours Start 0800 Finish 1800

GPS Unit #

Survey Assistant

Totals Hours

10.0hrs

Vehicle Rego Hire Dual Cab

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PR	435	231	204	5100	Travel 2.0Hrs Rain Standby 1.0 hrs
					Heavy Timber and Gorse poor GPS coverage
			Total 204	Total 5,100 km	

### GPS Surveying Crew # 2

Surveyor J Turner

Hours Start 0600 Finish 1800

GPS Unit #

Survey Assistant

Totals Hours

12.0Hrs

Vehicle Rego Toyota Dual Cab

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PT	100	269	169	4225	Travel 2.0Hrs
Chained Only					GPS Surveying 5.5 hrs + travel
ST	100	160	60	1500	Travel 2.0 hrs
					Chaining 2.5 hrs (depegged 3km)

# Total Station Line Survey

Surveyor R Routley

Hours Start 0600

Finish 1800

GPS Unit #

Survey Assistant

P Melrose

Totals Hours 12.0 Hrs

Vehicle Rego Hire Single Cab

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
ST	100	290	190	4750	Travel 3.5 hrs Rain 2.5 hrs
			Total 190	Total 4.75 km	Cheched TB, too wet drove to ST started on line.

## Daily Productivity Report

**Client: Great South Lands Minerals Limited**

**Date: 27/03/2001**      **Job Number: 2001-003**

**Surveyor**

## Start 600

## Survey Assistant

### Totals Hours

## Finish 1800

**Ending St**

## Ending Station

**No Strs**

[illegible]

45.

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PF					
Office 5.0 hrs					Ranging 4.0 hrs
					5 @0 hrs reductions on PB, PT

## Surveyor

**Start 0630**

## Survey Assistant

**Survey Assistant P. Smith**

RTK02

**Vehicle Rego Hire Dual Cab**

Survey Assistant P. Smith  
Totals Hours 11.5

**Five Assistants**

## Finish 1800

ish 1800

## Key Assumptions

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PT	270	446	176	4400	
	761	839	78	1950	Travel 2.0Hrs
			Total 204	Total 6.350 km	2.0 KM HAND CARRY

**Surveyor**

**Start 0630**

## Survey Assistant

**Survey Assistant R Simmons**

11.5Hrs

**Totals Hours**

## Finish 1800

## Sh 1800

### Totals Hours

## 2.1.1

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PT	449	761	312	7800	Travel 2.0Hrs 1.5km hand carry
			Total 312	Total 7.80 km	



GPS Surveying Crew #3 Static Survey Control

Static Survey Control		
Surveyor	M. Algar	Survey Assistant C. Barker
Hours	Start 0600	Finish 1800
Vehicle Rego Hire Dual Cab		

**Exhibits**

**Survey Assistant C. Barker**

**Totals Hours** **12.0hrs**

[illegible]

**Total Station Line Survey**

**Surveyor** R Routley

**Station Line Survey**

**GPS Unit #** Survey Assistant

**Vehicle Rego Hire Single Cab**

GPS Unit #

**Survey Assistant** **P Melrose**

<p><b>otals Hours</b></p>	<p><b>12.0 Hrs</b></p>
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Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
ST	290	584	294	7350	Travel 2.0 hrs Rain 0.5 hrs
			Total 294	Total 7.35 km	

# Wilson Survey Group P/L

## Daily Productivity Report

Project : 2001 Midlands 2 D Seismic Survey

Client: Great South Lands Minerals Limited

Date: 28/03/2001 Job Number: 2001-003

### Line Ranging

Surveyor	R Wilson		GPS Unit #	Vehicle Rego	
Hours	Start 600	Finish 1800	Survey Assistant	Totals Hours	
				8	
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PF					Ranging 4.0 hrs
Office					
4.0 hrs					4.0 hrs reductions on PF

### CHAINING Crew # 1

Surveyor J Turner		Survey Assistant P. Smith		Vehicle Rego Hire Dual Cab	
Hours Start 0630		Finish 1830		RTK02	
		Totals Hours		12.0 hrs	
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
ST	100	160	60	1500	RECHAIN LINE
TA	100	160	60	1500	CHAINED ONLY
PA	100	348	248	6200	CHAINED ONLY
					Travel 2.0Hrs
			Total 368	Total 9.20 km	

### GPS Surveying Crew # 1

Surveyor		T Worrall		GPS Unit #		Vehicle Rego Toyota Dual Cab	
Hours		Start 1030	Finish 1700	Survey Assistant C.Barker		Totals Hours 6.5Hrs	
Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments		
PH	1129	1229	100	2500	Travel 2.5Hrs		
					Line not slashed no gates		
					Office - Trcae Diagrams		
			Total 100	Total 2.50 km			

2003/2001.

# GPS Surveying Crew #2 Static Survey Control

Vehicle Rego Hire Dual Cab

Surveyor M. Algar      Survey Assistant R. Simmons      Hours Start 0700      Finish 1800      Totals Hours 11.0hrs

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
1B	SOL	Bronte Park			Travel 2.0Hrs

## Total Station Line Survey

Vehicle Rego Hire Single Cab

Surveyor R Routley      GPS Unit #      Survey Assistant P Melrose      Hours Start 0700      Finish 1830      Totals Hours 11.5 Hrs

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
ST	584	796	212	5300	Travel 2.0 hrs
			Total 294	Total 5.30 km	

# Wilson Survey Group P/L

## Daily Productivity Report

Project : 2001 Midlands 2 D Seismic Survey

Client: Great South Lands Minerals Limited

Date: 30/03/2001 Job Number: 2001-003

### Office

Surveyor R Wilson

Hours

GPS Unit #

Survey Assistant

Totals Hours

Finish

Start

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments

Vehicle Rego

### CHAINING Crew # 1

Surveyor J Turner

Hours

GPS Unit #

Survey Assistant P. Smith

Totals Hours

RTK02

Vehicle Rego Hire Dual Cab

Finish 1830

Start 0630

12.0 hrs

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
TA	512	570	58	1450	CHAINED ONLY
PD	316	620	304	7600	
					Travel 2.0Hrs
			Total 362	Total 9.05 km	

### GPS Surveying Crew # 1

Surveyor T Worrall

Hours

GPS Unit #

Survey Assistant R. Simmons

Totals Hours

Vehicle Rego Toyota Dual Cab

Finish 1830

Start 0630

10.5Hrs

Line Number	Starting Station	Ending Station	No. Stns	Distance	Comments
PF	975	1262	287	7175	Travel 2.5Hrs
			Total 287	Total 7.175 km	

30/3/2001