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# 1999 YILGARN SEISMIC SURVEY

Kalgoorlie/Boulder Western Australia

# FIELD ACQUISITION AND OPERATIONS REPORT

**FOR** 

# AUSTRALIAN NATIONAL SEISMIC IMAGING RESOURCE (ANSIR)

BY



TERRACORP PTY. LTD.

**August/September 1999** 

BMR COMP 199**9** /55 CI

#### **FINAL REPORT - OPERATIONS**

By

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Of

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**FOR** 

**ANSIR** 

**GPO BOX 378 CANBERRA ACT 2601** 

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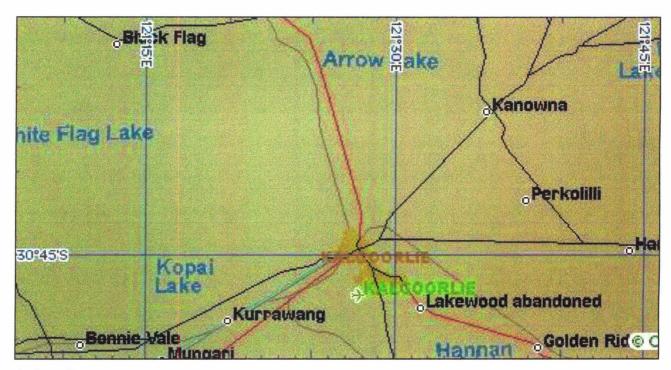
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#### 1. INTRODUCTION

Terracorp under its facilities management agreement with ANSIR was contracted to conduct the 1999 Yilgarn Seismic Survey located in the Kalgoorlie Goldfields region of Western Australia. In total 194.64 kms of 60 and 120 fold, 240 channel data was recorded between 19<sup>th</sup> August and 3<sup>rd</sup> September 1999.

This report covers various field operations relating to experimentals, line clearing, chaining, surveys, recording and field processing.

The contract was supervised by Mr Andrew Owen of ANSIR.



#### 1.1 Geographical Area

The area of operation is situated in the goldfields regions of Western Australia, north and south of Kalgoorlie/Boulder. The program extended over numerous mining and pastoral leases from Ora Banda in the Northwest to Bolder in the Southeast. The general topography varied from low-lying salt lakes to rocky outcrops where vehicle and production was slowed due to the difficult terrain. The land use was predominantly pastoral and mining leases, these were serviced by a network of country roads. Large open cut mining operations were scattered throughout the area requiring on-site safety inductions.

Where possible lines followed station tracks, mining roads and country roads, minimising the amount of line clearing required.

#### 1.2 Weather

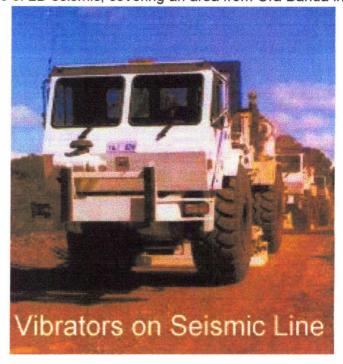
The weather varied greatly during the period of operations from rainy days at the start, to fine sunny days and cold windy days near completion. Other than the rain early in the project that prevented vehicular access, the weather was favourable to geophysical operations, with daytime temperature conducive to line operations.

#### 1.3 Logistics

Terracorp's crew mobilised from Perth to Kalgoorlie Western Australia on the morning of 17<sup>th</sup> August 1999 to commence the 1999 Yilgarn Seismic Survey. The planned program consisted of approximately 210 Kms of 2D seismic, covering an area from Ora Banda in

the north to Bolder in the south. The vibes were trucked from Broken Hill to Port Augusta where they were loaded on the rail for transport to Kalgoorlie. Trucking was organised by Radford's Transport of Broken Hill.

The Albion Shamrock Hotel/Motel in Boulder provided accommodation and meals, this location was central to the area of operations and provides good access to the lines.



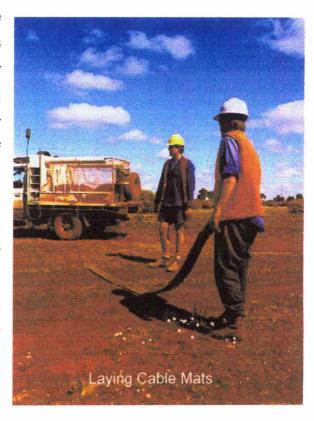
The mechanics and electronic workshops were established at Time's Transport's yard located at 8 Clement Way, Boulder. Fuel was delivery by BP Kalgoorlie to Terracorp's bulk tankers situated at the yard.

Rain delayed testing and production for the first 2 days; heavy overnight storms made road conditions very slippery. It was decided to restrict vehicular movement to light vehicles until conditions improved. Truck access was possible on Thursday 19<sup>th</sup> August when Charles Boyes Transport of Boulder low loaded the vibes from Boulder to the start of line 99AGS-Y1. Boyes Transport was also contracted to move the vibes during line changes, where access along the sealed roads was prohibited.

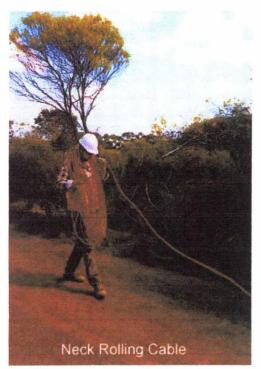
Safety Inductions were conducted by Centaur Mining at both its mine locations, Mt Pleasant and Cawes mines. It was a requirement when working at the mine sites that hard hats, safety glasses and flashing lights were used. Other inductions followed at Delta Gold's, Ballart's Last Chance Mine, Kalgoorlie Consolidated Gold Mines and Kaltailings.

Jim and Barry Donkin of Boulder were contracted to provide flag person services for the numerous rail crossings. Their services were required during the laying and retrieval of the cable, and whenever personnel were working within 3 metres of the rail.

Main Roads WA issued permits for the movement of the vibes within the area of operations. The vehicles were restricted to tracks and gravel roads. Permission was granted for the vibes to cross over bitumen roads, however vehicular travel along the sealed roads was prohibited.



Road crossings were carried out by Terracorp's accredited personnel. Prior to the cable



being laid across the road, warning signs were located each side of the crossing to warn oncoming motorists. All signage was in accordance with Main Roads WA regulations.

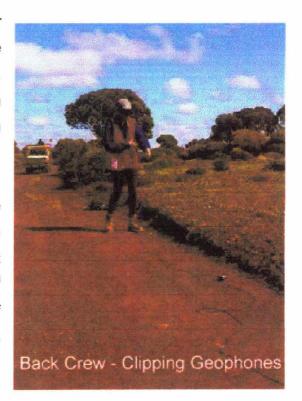
In total 194.64kms of 2D seismic was recorded over 16 days. The average for production days was 12.165 kms per day. The project was completed on the 3<sup>rd</sup> of September the 4<sup>th</sup> and 5<sup>th</sup> were taken up washing all the vehicles, counting, checking and packing up of ANSIR equipment in readiness for shipment to West Wyalong.

Operational delays due to mine site inductions and restricted movement of the vibrators added to the overall operational time. Logistically the area of operation required careful planning to ensure all operational hazards were addressed and the appropriate safety measures applied. Safety issues were discussed on a daily basic with frequent toolbox meetings. Mine site inductions played an important role in pinpointing the potential hazards that the crew faced in these areas. It should be noted that the Safety Officer and Client Representatives role in this type of operation is critical in providing feedback from mine site safety personnel, coordinating inductions and ensuring crew personnel are well informed of the potential hazards. This system proved very effective with praise coming from Delta Gold on the professionalism of the operation. A job well done.

#### 1.4 Recording

As a result of inclement weather experimentals on line 99AGS-Y1 were delayed until late afternoon on 19<sup>th</sup> August. these were conducted by Andrew Owen from ANSIR and Steve Tobin from Terracorp.

Production recording commenced on the 20<sup>th</sup> August 1999 on line 99AGS-Y1 with 13.60 kms being recorded. The last production profile was recorded on the 3<sup>rd</sup> September on line 99AGS-Y3. A total of 194.64 kms of 2D seismic data was recorded.



#### 2. SURVEYING

#### 2.1 Surveying

All Field Surveying was contracted to Dynamic Satellite Surveys (DSS) of Yeppoon, Queensland. See DSS Final Report Appendix "M". G

#### 2.2 Line Clearing

Line clearing was contracted to Hampton Transport Services of Kalgoorlie. In most cases a 14G grader was used to tidy up access tracks, however in locations where the lines deviated from the tracks a front end loader was used to selectively clean up vegetation to provide a track for the line crew. A minimalist approach was adopted at all times to line clearing; all large shrubs and trees were left in place. The lines weaved through the vegetation to minimise clearance and prevent line of sight along the seismic line.

#### 2.3 Chaining

DSS carried out the chaining of the seismic line. Plastic pin markers were placed at 40 metre intervals along the seismic traverse. Even numbered pin markers were marked with the station number. Permanent markers were placed on fences as close to the start, end and intersections of lines as possible. The requirement was for a PM to be placed at least every 5 Kms. P.M.'s were also placed on road verges. The permanent marker consisted of a full star iron driven into the ground and concrete placed around the base. The PM was then fitted with a stamped aluminium tag bolted to the top. The tag was marked with the line number and closest VP number.

#### 2.4 Permitting

Bruce Goleby and Andrew Owen of ANSIR conducted permitting.

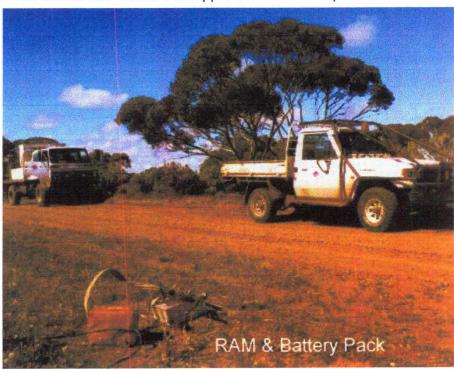
# 3. Recording

#### 3.1 Introduction

The first production profile was recorded on Line 99AGS-Y1 on the 20<sup>th</sup> August 1999. The final day's production took place on the 3<sup>rd</sup> September 1999.

Recording Parameter sheets are detailed in Appendix F of this report. These cover all

aspects of the parameters for the line.
Details of recording equipment are detailed in Appendix A of this report.
A list of tapes forms
Appendix B of this report.



#### 4. FIELD PROCESSING

#### 4.1 Introduction.

ANSIR's Geophysicists handled all field processing. An infield processing base was established at the Albion Shamrock Motel. The ANSIR Geophysicists were handed tapes and supporting documentation daily for QC.

#### 4.2 Experimental Program

The Experimental Program for the 1999 Yilgarn Seismic Survey was conducted on Thursday 19<sup>th</sup> August 1999 on a portion of the seismic Line 99AGS-Y1 to the north of Kalgoorlie.

The Experimental Program for the 1999 Yilgarn Seismic Survey was conducted on Thursday 19<sup>th</sup> August 1999 on the western end of Line 99AGS-Y1.

#### Aim of the Experimental Program

The fundamental acquisition parameters of Group Interval, Number of Channels, CDP Fold, VP interval and Record Length were decided based on the quality of data previously acquired in the area so that the main objective of this experimental was then to:

Complete the Point Source Test [all 4 vibes then repeat 1<sup>st</sup> vibe at the end]. Determine Optimum:

- No.of Vibrators (3 vs 4 Online)
- Sweep Type (Varisweep vs Diversity Stack Monosweep)
- Sweep Frequencies (Bandwidth and Shape)

The location selected for testing was Line 99AGS-Y1 Northwest of Kalgoorlie over an area that was representative of regional data quality including key structural elements expected throughout the area.

#### Startup Protocol Tests

Prior to commencing the parameter testing the following ARAM 24 Startup Protocol Tests were completed:

**ARAM 24 CRU System Tests** 

3490E Cartridge Tape Drive tests.

System tests on all ARAM 24 Mark II Remote Acquisition Modules - RAMs.

System Pulse Tests on all Geospace Geophone strings connected to the line.

Radio similarities via Pelton VIBRA-SIG were completed on each of four IVI Hemi 60 Vibes to be used as a check that all vibrators are operating with the same phase, polarity and amplitude characteristics.

Details of the ARAM 24 system Startup Protocol and Daily, Weekly and Monthly tests are attached.

#### Line 99AGSY1 - Experimental Line:

Line 99AGSY1 was chained with 40m group interval from SP 1000 on the western end to approximately SP 2426 in the east. The following area was selected to record a brief testing program.

- Receiver Points: 1002 (West) to 1242 (East)
- 40 metre Group Interval

Pegs on North side of line for LHD vibrators

240 Live Channels (9.60 kms live) - Fixed Spread

4800-0-4800 metre maximum offset range

12 x Geospace 10Hz Geophones laid over 40 metres with 3.3m phone spacing. (Centred midway between stations +20m from peg, ie 1000 centred at 1000.5)

Spread frozen - no roll-along for testing

Source Points: VP 1122 through to VP 1136

8 Consecutive VPs for each test.

80 metre VP Interval

8 Fold with 20 metre CDP Interval

Vibe Array centred on VP Peg

Record Length: 16.0 seconds

#### **Crew Supervision**

The testing program was designed and coordinated by Stephen Tobin whilst Systems Engineers Mike Bokor and James Butcher undertook all instrument testing and seismic observing. The seismic crew ran under the direction of Crew Managers Mr Bob Stephenson and Mr Steve Barbour with Mr John Philippson as Senior Vibe Technician responsible for all Vibroseis and mechanical systems.

The ANSIR Project was planned, managed and coordinated in the field by Dr Bruce Goleby and Mr Andrew Owen. Mr Owen remained on crew for the duration of the survey as the ANSIR Client Representative.

#### Vibroseis Similarities

The new Pelton Advance 2 Model 6 ESG – Encoder Sweep Generator and VCE - Vibe Control Electronics were installed and delivery testing conducted by Pelton Engineer Mr Elmo Christianson in November 1998. The VIBRA-SIG Radio Similarity QC system will be used throughout the experimental program and then production to monitor the integrity of every sweep of each vibrator continuously throughout the day.

During the 1999 Yilgarn Seismic Survey the output of the IVI Hemi 60 vibrators was set at approximately 90% of the 62,000 lb Peak Force. Maximum acceptable phase error tolerance between the ESG Pilot and the Vibrator M5 Accelerometer signal is 5 degrees.

Prior to the commencement of the test program Radio Similarities were completed via the Pelton VIBRA-SIG System. These Startup Tests ensured that all Vibrators to be used throughout the survey were operating with the same Polarity and within the same Similarity Phase error tolerances. Acceptable phase difference between machines is +/-5 degrees.

Recent rain at Kalgoorlie had made it difficult to move all four (4) Hemi 60 vibrators to the line quickly on Thursday 19<sup>th</sup> August. Thus it was decided to conduct the brief testing program using initially only the two (2) vibrators that were mobilised from Kalgoorlie via low loader on Thursday.

Late that afternoon the third vibe arrived from Kalgoorlie, however the testing was completed on Friday morning 20<sup>th</sup> August using the two vibes only for consistency of results.

#### Experimental Program - Thursday 19th August 1999

#### **Parameter Testing**

Record into Receiver Line 99AGSY1

Live Spread Stations 1002-1241: 240 Stations @ 40m GI

8 VPs are referenced to 40m VP chaining: VPs 1122-1136

Offsets VP 1122: 4800-0-4800m: Spread Fixed

16.0sec Record Length

FILE	RCVR \	V.P. SWE	EP NO	<b>)</b> .	SWEEP	SOURCE	NO.
NO.	LINE	FRE	Q SWEE	PS	LENGT	H ARRAY	VIBES
Sweep	Frequen	cy Tests					
1-8	99AGSY1	1122-1136	8-90Hz	4	8.0sec	15mP-P/10m Move	eups 2
9-16	99AGSY1	1122-1136	6-80Hz	4	8.0sec	15mP-P/10m Move	eups 2
17-24	99AGSY1	1122-1136	Varisweep A	4	8.0sec	15mP-P/10m Move	eups 2
		9	6-64 Hz				
		4	12-120Hz				
		4	12-100Hz				

#### **Production Recording**

Line 99FSGY1 was recorded on Friday 20<sup>th</sup> August using 3 Vibes online from Files 1-40 and 4 Vibes online from File 41 through to the end of the line.

6-80 Hz

#### **AGSO - AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION**

#### "1999 YILGARN SEISMIC SURVEY" - KALGOORLIE, W.A.

#### **ACQUISITION PARAMETERS**

Lines: 99ASGY1, 99ASGY2, 99ASGY3, 99ASGY4 and 99ASGY5

Acquisition Type: ARAM24 – 24 Bit Telemetry System

Energy Source: 4 x IVI Hemi 60 4x4 Buggy mounted Vibes Online

Vibrator Point Interval: 80.0 metres

Vibrator Array: 15.0m pad-pad

Vibrator Array Location: Centred on Station Peg (Centred on SP 100.0)

Receivers: 12 x Geospace Type GS-32CT 10Hz Geophones/Group

Receiver Interval: 40.0 metres

Receiver Array: 40.0 metres (12 phones with 3.33m spacing)

Receiver Array Location: Centred +20.0m in direction of increasing

station numbers, ie Centre of Receiver array

at SP 100 is actually at 100.5

Sweep Length: 8.0 sec

Number of Composites: 4

Sweep Type: Varisweep

Sweep Frequencies: 6-64 Hz

12-120 Hz 12-100 Hz 6-80 Hz

Sweep Taper: 200 msec Taper

Source Effort: 400 sec/km

Sweep Control: Pelton Advance 2 Model 6

Accelerometers: Pelton M5I High Performance

Similarity System:

Pelton VIB-SIG

Peak Force:

62,031 lbs

Hold Down Weight:

65,000 lbs

Vibrator Drive Level:

Force Control On - 75% Peak Force

Phase Lock:

**Ground Force Phase Lock** 

No. of Channels:

240 Channels

**Spread Geometry:** 

4800m\* 4800m

Channel Geometry:

TR 1 - (VP Location) - Tr 240

Rear Spread \* Front Spread

1st Ch - Ch 121 - Last Ch 240

Check Observers Logs For Correct Geometry

Fold:

60 Fold with 20.0m CDP's

Record Length:

16.0 seconds

Correlation Sample Rate:

2 milliseconds

Written to Tape S.R.:

2 milliseconds

#### 5. PERSONNEL

#### POSITION

Crew Manager Operations Manager Snr Observer

Instrument Tech

Cable/Geophone Repair

Snr Vibe Mechanic Asst Vibe Mechanic

Vibe Op Vibe Op Vibe Op Vibe Op

Snr Vehicle Mechanic Safety Officer/Mechanic O.S

**Line Boss** 

Line Crew/Cable-Ram Ute Line Crew/Cable-Ram Ute Line Crew/Cable-Ram Ute

Line Crew/Jug Ute
Line Crew/Front Crew
Line Crew/Front Crew
Line Crew/Back Crew
Line Crew/Back Crew
Line Crew/Back Crew

DSS Surveyor DSS Surveyor ANSIR Geophysicist ANSIR Geophysicist ANSIR Geophysicist

#### NAME

Bob Stephenson Steve Barbour James Butcher Mick Bokor Stuart Robinson John Philippson Peter McKenzie Allan Tanner Shane Goossens Geoff Geraty Mick Jardine Richard Barnes

Tim Cox

Brendon Horsten
Traci Jones
Andrew Smylie
Noel Grainger
June Brummel
Gordon Heiniman
Shane Ebsworth
Andrew Mead
Jeremy Dermer
Anthony Dermer
Liz Goold

Tom Pickett Lynne Baker Andrew Owen Bruce Goleby Tanya Fomin

## **APPENDIX "A"**

#### **Equipment Specifications**

#### **RECORDING EQUIPMENT**

#### **ARAM 24 Seismic Data Acquisition and Processing System including**

- Real Time Parallel Processor Correlator
- One (1) 10 metre Radio Mast on Recorder with High Gain Antenna
- Forty Five (45) Remote Acquisition Modules [360 Channels]
- Forty Five (45) Telemetry Data Cables [360 channels], 348 metres long, with eight
   (8) takeouts spaced at 43 metres apart.
- Geospace DX4 10Hz High Specification Superphones
- [Broad Dynamic Range, High S/N, High Specification]
- Three Hundred and Sixty (360) geophone strings [360 Channels with 12 ph/group],
- Sensor SMT-200 Geophone Tester and QC System

#### **SOURCE EQUIPMENT**

#### Four (4) IVI Hemi 60 4x4 Articulated Buggy mounted Vibrators

- Peak force is 62,031 lbs per Vibe and
- Hold-Down weight is 63,000 lbs per Vibe
- One (1) Pelton Advance 2 Model 6 PC Based VIBRASIG
- Real Time Similarity System
- Five (5) Pelton Advance 2 Model 6 VCEs plus various spare boards.
- One (1) Pelton Advance 2 Model 6 ESG for Recording Truck plus spare boards.
- Three (3) Vibrators operating Online [186,093lbs Force] and One (1) on Standby.
- Vibrators are equipped with Force Control and Ground Force Phase Lock using
- M5 High Performance accelerometers.
- Electronics are capable of correlating various individual sweep frequencies and compositing any range or variation of Upsweeps or Downsweeps within the same VP location. This process is Trade Marked as Varisweep.

#### **OFFICE EQUIPMENT AND COMMUNICATIONS**

- One (1) PC based Crew Management and Information System complete with software, Laptop PC and printer
- Four (4) Mobile UHF Radios for Crew and Local Shire Communications.
- One (1) Optus Satellite Telephone in PMs Office or Toyota
- One (1) Motorola Syntrex or equivalent FM radio for Field Communications
- Assorted Daily, weekly and Monthly Operations forms, Safety and Environmental Incident report Forms, crew and System Technical Manuals and Maintenance Handbooks.

#### **VEHICLES**

 One (1) Mercedes 911 4WD Recording Truck equipped with an Airconditioned recording cab, Power generator and First Aid Kit

	No.	Year	Model	Type
•	One (1)	1996	HZJ75 Toyota 4x	4 Party Manager
•	Two (2)	1996	HZJ75 Toyota 4x	4ATU Line Unit
•	One (1)	1996	HZJ75 Toyota 4x	4Line Boss Unit
•	Three (3)	1996	HZJ75 Toyota 4x	4Line Units
•	One (1)	1995	HZJ75 Toyota 4x	4Chaining Unit
•	One (1)	1995	HZJ75 Toyota 4x	4 GPS Survey Unit
•	One (1)	1995	HZJ75 Toyota 4x	4Mechanics Unit
•	One (1)	1986	Isuzu 4x4 Vibrato	r Service Unit.
•	One (1	1982	Isuzu 4x4 Cable/0	Geophone Unit.
•	One (1	1986	Hino 4x4 Supply	Truck.
•	One (1	1980	Kenworth 6x4 Wa	ater Truck.

#### **CAMP EQUIPMENT**

- One (1) Terracorp Office and Crew Manager's Accommodation caravan.
- One (1) Workshop/Parts Store Caravan equipped with power and hand tools, electric and oxy/acetylene welding equipment.
- One (1) Airconditioned ATU/Cable Repair Caravan.

#### **OCCUPATIONAL HEALTH AND SAFETY STANDARDS**

- Site Specific Safety Management Plan (SSSMP) written, published and implemented for each seismic survey undertaken with all site specific hazards examined along with medivac and emergency procedures summarised.
- Sunscreens and UV blockout creams will be supplied at no cost to all crew members with the wearing of creams being mandatory for all line personnel.
- Hats, shirts and covered safety footwear must be worm by field crew at all times.
- Reflective Orange Safety Vests for all Survey and Recording Crew personnel.
- Severe Disciplinary Procedures ensured Crew Members adhered to all company policies including the wearing of Seat Belts, Speed Limits etc.
- SSB and CB Radios along with Mobile Satellite Telephone and Fax machines are maintained on crew to assist with Safe Operations.
- Crew Manager's vehicle, fitted with Mobile telephone.
- One (1) Full International red Cross standard First Aid Kit was maintained at the Terracorp' crew office with a Basic Emergency Kit maintained in the crew Recording truck online.
- Pre-Survey Induction, Safety and Orientation meetings were conducted with all crew personnel and subcontractors. The appointed Safety Officer conducted a compulsory Weekly Environmental and Safety Meeting and the company Operational Health and Safety Policy was displayed and available for review by all crew members.

# CHAINING / GPS SURVEY CREWS Dynamic Satellite Surveys – Adelaide, South Australia

#### **Survey Personnel**

Two (2) GPS Chainpersons/Surveyor

#### **Survey Equipment**

- One (1) 1995 HZJ75 Toyota 4x4 Chaining Unit
- One (1) 1996 HZJ75 Toyota 4x4 Survey Unit (4 days)
- Survey Data output in UKOOA Format

#### **Services**

- All messing, accommodation, fuels and lubricants.
- All Line positioning, Chaining, surveying and output of survey data in SEGP1 and UKOOA format on floppy disk.

# **APPENDIX "B"**

# **Tape Listing Yilgarn Seismic Survey**

**Tape Listing** 

Line	Reel #	FF-FF	VP-VP	Tape Type
99AGS-Y1	L15099003	27-116	1000-1178	3490E
99AGS-Y1	L15099004	117-196	1180-1340	3490E
99AGS-Y1	L15099005	187-299	1342-1508	3490E
99AGS-Y1	L15099006	300-403	1509-1664	3490E
99AGS-Y1	L15099007	404-417	1666-1694	3490E
99AGS-Y1	L15099008	418-524	1696-1912	3490E
99AGS-Y1	L15099009	525-551	1914-1966	3490E
99AGS-Y1	L15099010	395	1648	3490E
99AGS-Y4	L15099011	552-616	2730-2602	3490E
99AGS-Y4	L15099012	617-719	2600-2426	3490E
99AGS-Y4	L15099013	720-807	2423-2335	3490E
99AGS-Y4	L15099014	870-972	2334-2232	3490E
99AGS-Y4	L15099015	973-1075	2231-2124	3490E
99AGS-Y4	L15099016	Point Source		3490E
99AGS-Y4	L15099017	1080-1182	2123-2017	3490E
99AGS-Y4	L15099018	1183-1285	2016-1905	3490E
99AGS-Y4	L15099019	1286-1324	1904-1837	3490E
99AGS-Y4	L15099020	1325-1427	1836-1691	3490E
99AGS-Y4	L15099021	1428-1530	1690-1588	3490E
99AGS-Y4	L15099022	1531-1626	1587-1492	3490E
99AGS-Y4	L15099023	1627-1719	1491-1399	3490E
99AGS-Y4	L15099024	1720-1810	1398-1308	3490E
99AGS-Y4	L15099025	1811-1876	1300-1168	3490E
99AGS-Y5	L15099026	1877-1994	1000-1238	3490E
99AGS-Y5	L15099027	1995-2094	1240-1440	3490E
99AGS-Y5	L15099028	2095-2199	1442-1654	3490E
99AGS-Y5	L15099029	2200-2232	1656-1720	3490E
99AGS-Y2	L15099030	2233-2347	2270-2040	3490E
99AGS-Y2	L15099031	2348-2450	2038-1824	3490E
99AGS-Y2	L15099032	2451-2512	1822-1698	3490E
99AGS-Y2	L15099033	2513-2615	1696-1486	3490E
99AGS-Y2	L15099034	2616-2630	1484-1450	3490E
99AGS-Y3	L15099035	2631-2745	1786-1476	3490E
99AGS-Y3	L15099036	2746-2850	1474-1230	3490E
99AGS-Y1	E15099002	17-196	1000-1340	Exabyte
99AGS-Y1	E15099003	197-417	1342-1694	Exabyte
99AGS-Y1	E15099005	418-551	1696-1966	Exabyte
99AGS-Y4	E15099006	552-616	2730-2602	Exabyte

99AGS-Y4	E15099007	617-807	2600-2335	Exabyte
99AGS-Y4	E15099008	808-1075	2334-2124	Exabyte
99AGS-Y4	E15099009	1076-1324	2123-1837	Exabyte
99AGS-Y4	E15099010	1325-1626	1836-1494	Exabyte
99AGS-Y4	E15099011	1627-1810	1491-1308	Exabyte
99AGS-Y4	E15099012	1811-1876	1300-1168	Exabyte
99AGS-Y5	E15099013	1877-2094	1000-1440	Exabyte
99AGS-Y5	E15099014	2095-2232	1442-1720	Exabyte
99AGS-Y2	E15099015	2233-2512	2270-1698	Exabyte
99AGS-Y2	E15099016	2513-2630	1696-1450	Exabyte
99AGS-Y3	E15099017	2631-2850	1786-1230	Exabyte

#### SAFETY MEETING REPORT

Date: 18/08/99. Client: AGSO.

Prospect: 99 Yilgarn Seismic Project.

Area: Kalgoorlie/Boulder.

State: WA.

Party Manager: Bob Stephenson.

Safety Officer: Tim Cox.
Scribe: Tim Cox.
Client Rep: Andrew Owen.

# Of Accidents Since Last Meeting. Vehicles
# Of Accidents Since Last Meeting. Employees
# Of Incidents Since Last Meeting. Employees
# Of Compensation Claims Since Last Meeting. 0
# Of LTI'S Since Last Meeting. 0

#### **DETAILS**:

- 1) Safety Meeting was held on the Wednesday morning before commencement of the survey. Bob Stephenson chaired the meeting and introduced Andrew Owen as the client rep. and Tim Cox as the Safety Officer.
- 2) Andrew Owen informed the crew as to the nature of the survey and described the geological aims of the survey.
- 3) Tim Cox discussed the aims of the safety program and requested that all designated drivers check their vehicles for safety equipment and emphasised the importance of regular safety checks of the vehicles.
- 4) Bob Stephenson discussed the hazards and requirements associated with conducting the survey through mine sites, with particular attention to the correct usage of the safety vests.
- 5) S. Barbour discussed the immediate plan to mobilise the crew and equipment to the survey site.
- 6) Incident 1 On the mobilisation trip from Perth to Boulder Elizabeth Goold was taken ill with nausea and stomach pains. She was given anti-digestion medicine and cool water to sip. Her condition improved and it was decided to continue to Boulder where she was admitted to hospital overnight for tests. She was released the next morning much improved and returned to work the following day. At this point in time she is yet to undergo a stomach biopsy at the request of the attending doctor.
- 7) Incident 2 On Wednesday morning Richard Barnes (mechanic) noted smoke issuing from the engine compartment of one of the AGSO vibrators in the storage compound. Fire extinguishers were in place and immediately at hand and the smouldering electrical fire was instantly bought under control. Fire damage was minimal and the electrical fault was repaired the next morning. There was no lost time due to the incident. It was noted that damage was kept to minimum due to the safety equipment

having being strategically placed by Richard as a first priority during the unpacking process of the workshop.

#### TERRACORP PERSONNEL:

R. Stephenson, S. Barbour, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, R. Barnes, B. Horsten, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, P. McKenzie.

#### **DSS PERSONNEL**

T. Picket, L. Baker.

#### **AGSO PERSONNEL:**

A. Owen, B. Goleby, T. Fomin.

#### SAFETY MEETING REPORT

Date: 22/08/99 Client: AGSO

Prospect: 99 Yilgarn Seismic Project

Area: Kalgoorlie/Boulder

State: WA

Party Manager: Bob Stephenson

Safety Officer: Tim Cox Scribe: Tim Cox Client Rep: Andrew Owen

# Of Accidents Since Last Meeting. Vehicles 0
# Of Accidents Since Last Meeting. Employees 0
# Of Incidents Since Last Meeting. Employees 1
# Of Compensation Claims Since Last Meeting. 0
# Of LTI'S Since Last Meeting. 0

#### **DETAILS**:

- 1) Steve Barbour introduced Tim Cox as the Safety Officer.
- 2) Tim Cox discussed the incident concerning the electrical fire and commended Richard Barnes on placing of the fire equipment and quick action.
- 3) A decision was made to withdraw one of the line vehicles (Dual Cab Toyota) after a safety audit was conducted on the vehicle the previous day. The reasons behind the withdrawal were explained to all present and the importance of regular vehicle checks was reinforced.
- 4) An emergency response plan was introduced and printed sheets outlining the process was distributed to all line vehicles and recorder, including a field first aid summary sheet.
- 5) The concept of an emergency response folder to be kept in the office was introduced and the crew was asked to fill in medical and emergency contact details to be kept in the office in a sealed section of the emergency response folder.

#### **TERRACORP PERSONNEL:**

R. Stephenson, S. Barbour, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, R. Barnes, B. Horsten, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, P. McKenzie, L. Goold.

#### **DSS PERSONNEL:**

T. Picket, L. Baker.

#### AGSO PERSONNEL:

A. Owen, T. Fomin.

#### SAFETY MEETING REPORT

Date:

30/08/99

Client:

**AGSO** 

Prospect:

99 Yilgarn Seismic Project

Area:

Kalgoorlie/Boulder

State:

WA

Party Manager:

**Bob Stephenson** 

Safety Officer:

Tim Cox

Scribe:

Tim Cox

Client Rep:

**Andrew Owen** 

# Of Accidents Since Last Meeting. Vehicles 0
# Of Accidents Since Last Meeting. Employees 0
# Of Incidents Since Last Meeting. Employees 1
# Of Compensation Claims Since Last Meeting. 0
# Of LTI'S Since Last Meeting. 0

#### **DETAILS**:

- 1. The meeting commenced with a summary recap in regard to the procedures to be followed when placing and removing cable across public roads. The incident/procedure had been sufficiently addressed at an extraordinary meeting held the morning following the incident (29/08/99).
- 2. Mine safety issues were addressed as the crew were due to enter the mine site (Delta Gold BLC) that morning. Points discussed followed those covered in the on-site mine induction. Particular attention was given to the procedure to be followed with regard to crossing the active haul road on the mine site and PPE requirements.
- 3. Mention was made with regard to the speed of line vehicles on the line and in particular when passing working vibrators.

#### TERRACORP PERSONNEL:

R. Stephenson, S. Barbour, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, R. Barnes, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, P. McKenzie, L. Goold.

#### **DSS PERSONNEL:**

T. Picket, L. Baker.

#### TOOLBOX MEETING REPORT

Date:

27/08/99

Client:

**AGSO** 

Prospect:

99 Yilgarn Seismic Project

Area:

Kalgoorlie/Boulder

State:

WA

Party Manager:

**Bob Stephenson** 

Safety Officer:

Tim Cox

Scribe:

Tim Cox

Client Rep:

**Andrew Owen** 

A decision was made by the Safety Officer and the Client that a toolbox meeting should be held to discuss points of relevance with regard to specific issues the crew would confront on the line before the next Safety Meeting.

#### **DETAILS**:

- 1. Mine specific emergency response procedures were discussed as well as the PPE requirements for on site mine work.
- 2. Safety issues with regard to working around numerous power lines in the area were discussed, along with traffic considerations specific to the area at hand.
- 3. The crew was informed as to the location and procedures in relation to working in the vicinity of gas pipelines in the immediate areas.
- 4. It was noted that numerous clay pans would be encountered the following day and the crew was informed to avoid the areas if possible.
- 5. Quality control with regard to geophone placement was mentioned as a reminder.

#### **TERRACORP PERSONNEL:**

R. Stephenson, S. Barbour, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, R. Barnes, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, P. McKenzie, L. Goold.

#### **DSS PERSONNEL:**

T. Picket, L. Baker.

#### **TOOLBOX MEETING REPORT**

Date:

29/08/99

Client:

AGSO

Prospect:

99 Yilgarn Seismic Project

Area:

Kalgoorlie/Boulder

State:

WA

Party Manager:

**Bob Stephenson** 

Safety Officer:

Tim Cox

Scribe:

Tim Cox

Client Rep:

**Andrew Owen** 

A Toolbox Meeting was called by the Safety Officer to address procedures not followed with regard to the laying down and retrieving of cable and cable mats across busy public roads. It was noted the previous day (28/08/99) that one worker was not wearing a reflective safety vest while nailing the cable mat across the highway. The worker was immediately informed of the error and instructed as to the correct PPE requirements for the job at hand. The afternoon of the same day it was noted that flagmen were not in place when retrieving the cable and cable mat from the same location. In response the toolbox meeting was called for the following morning.

#### **DETAILS**:

- 1. The importance and priority of crew safety while conducting operations on public roads was addressed. Particular attention was made to adherence to procedures at all times.
- 2. Mention was made as to the responsibility of each crew member for his/her personal safety. The onus being on the individual to recognise unsafe work procedures and the right to refuse to work under unsafe conditions. In addition, the crew was informed that it is the responsibility of every crew member to inform his or her workmates of unsafe work practice when observed.
- 3. The crew were informed as to the correct procedures to be followed with regard to installation and retrieval of cable and cable mats on public roads.
- 4. In addition to following procedures already in place, it was impressed that the relevant trained person should control and organise the process and that only relevant trained personnel would act as flagmen.

#### TERRACORP PERSONNEL:

R. Stephenson, S. Barbour, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, R. Barnes, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, P. McKenzie, L. Goold.

**DSS PERSONNEL:** 

T. Picket, L. Baker.

#### **TOOLBOX MEETING REPORT**

Date:

3/09/99

Client:

AGSO

Prospect:

99 Yilgarn Seismic Project

Area:

Kalgoorlie/Boulder

State:

WA

Party Manager:

**Bob Stephenson** 

Safety Officer:

Tim Cox

Scribe:

Tim Cox

Client Rep:

**Andrew Owen** 

#### **DETAILS**:

- 1. The crew was informed to beware of hyper-saline salt deposits around the Bindoulie mine area. It was explained to wash salt from the skin regularly if contact occurs, and to avoid eye contact.
- 2. A significant number of discarded hypodermic needles have been noticed in the vicinity of the cemetery. Crew was informed as to the health hazards associated with used needles and not to touch them under any circumstances. Also when noticed for the crew to inform the rest of the crew via radio as to the location of the needles.
- 3. The crew was informed of the dangers associated with haulage traffic in the vicinity if the line adjacent to the Bindoulie mine area. A plan was initiated whereby when a truck comes into the vicinity of the line crew; a radio message was to be distributed down the line informing the rest of the crew that a truck was approaching.

(Further to this I visited the Bindoulie mine site office after the meeting and spoke to the resident manager Paul Jent. It was agreed that due to the slippery conditions of the haul road and concerns with crew safety, mine trucks would use an alternative access bypassing the crew until midday. At which time the condition of the road would be reexamined and if ok, the trucks would be using the road during the afternoon. Paul said he would contact all drivers and inform them of the crew's location and to reduce speed in the vicinity and to generally beware. Informed the line boss (Andrew Smylie) to post lookouts after midday as needed, to inform the crew when trucks were approaching.)

#### TERRACORP PERSONNEL:

R. Stephenson, M. Bokor, T. Cox, J. Butcher, S. Robinson, J. Philippson, A. Tanner, S. Goossens, M. Jardine, G. Geraty, T. Jones, N. Grainger, S. Ebsworth, G. Heiniman, A. Mead, A. Dermer, J. Brummel, J. Dermer, A. Smylie, L. Goold.

### **APPENDIX "D"**

#### **Monthly Injury Summary Report**

Month: SEPTEMBER 1999		
Year: 1999		**************************************
Client: ANSIR	,	
Location: KALGOORLIE/BOULDER W/	A	
Permit Area		KALGOORLIE/BOULDER WA
Total Personnel on Crew		21 to 28
Total Hours Worked	(a)	40.25
Total Exposure Hours	(b)	1014.75
No. Of Minor Injuries	(c)	0
No. Medical Treatments	(d)	0
No. of LTI's	(e)	0

- (f) Total Number of Hours worked in the permit area per person.
- (g) Total exposure hours = (a) x total number of personnel.
- (h) Number of injuries that required treatment by first aider/medic.
- (i) Number of injuries that required treatment by medical practitioner. Not LTI's
- (j) Number of LTI's as defined by Australian Standard 1885.

#### **APPENDIX "D"**

#### **Monthly Injury Summary Report**

Month:	SEPTEMBER 1999	70070
Year:	1999	
Client:	ANSIR	3
Location: K	ALGOORLIE/BOULDER WA	
Permit Area		KALGOORLIE/BOULDER WA
Total Perso	nnel on Crew	21 to 28
Total Hours	Worked (a)	40.25
Total Expos	sure Hours (b	1014.75
No. Of Mind	r Injuries (c)	0
No. Medica	Treatments (d)	0
No. of LTI's	(e)	0

- (f) Total Number of Hours worked in the permit area per person.
- (g) Total exposure hours = (a) x total number of personnel.
- (h) Number of injuries that required treatment by first aider/medic.
- (i) Number of injuries that required treatment by medical practitioner. Not LTI's
- (j) Number of LTI's as defined by Australian Standard 1885.

DAY 1					TERRA LY PR	ODLIC.	TION	DEDO	эт			
CREW 205		····		DAI	LIPK	ODUC	HON	KEPUI	<u> </u>		DATE	. 17-Aug-9
Client	ANSIR								Party M	lanager	BOB STEPHENSON	
Survey Name.	YILGARN		•						Client F	Rep	ANDREW OWEN	
Area	KALGOOF	RLIE REGI	ION						Weathe	er	FINE	
State	WA											
RECORDING						Kms.		SKIPS		ROFILES		TOTALS
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Line No		Rec		Rec							Skips	
Line No		Rec		Rec							Kms	0.000
Line No		Rec		Rec							Cum Kms	0.000
Line No		Rec		Rec	<del></del>							
	Travel Time				(	Down Tin	ne - Vibe	es	.2		Extra Charges	
	Test Time						Recorde	r			Extra Vibe Hrs	
	Recording Tim	e					Cables				Detours Charge Hrs	
Other Time	Line Chang						ATU's				WashdownsHrs	
	Recorder M						Detours				Extra Other Charge	
	Detours/Te						W/on S				Total ExtraHrs	0.00
	Experiment						Stock D	-			Total Extra(Job).Hrs	0.00
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	Weather Ti								4.5			
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COMMENTS:	Crew Mobil Chargeable	Time Mob	ilisation 1	algoorlie, Le 1 Day. rth 14th. Rur				•	·	ck		
SURVEY	Crew Mobil Chargeable DSS Surve	Time Mob y Mobilised	ilisation 1 from Per	1 Day. rth 14th. Rur	Control		ain 99AG	SS-Y5 16th	·	ck	-	<u>-</u>
SURVEY Line No	Crew Mobil Chargeable DSS Survey	Time Mob y Mobilised STN	ilisation 1 from Per	1 Day. rth 14th. Rur STN	1129		ain 99AG	5S-Y5 16th 5.160	·	ck 	·	·
SURVEY Line No	Crew Mobil Chargeable DSS Surve	Time Mob y Mobilised STN STN	ilisation 1 from Per	1 Day. rth 14th. Rur STN STN	Control		Kms.	SS-Y5 16th	·	ck		
SURVEY Line No Line No	Crew Mobil Chargeable DSS Survey	STN STN	ilisation 1 from Per	STN STN	1129		Kms. Kms. Kms.	5S-Y5 16th 5.160	·	ck	Total Kms	12 380
SURVEY Line No Line No Line No	Crew Mobil Chargeable DSS Survey	STN STN STN STN	ilisation 1 from Per	STN STN STN STN STN STN	1129		Kms. Kms. Kms. Kms. Kms.	5S-Y5 16th 5.160	·	ck	Total Kms	12.360
SURVEY Line No Line No Line No Line No	Crew Mobil Chargeable DSS Survey	STN STN	ilisation 1 from Per	STN STN	1129		Kms. Kms. Kms.	5S-Y5 16th 5.160	·	ck	Total KmsCum. Kms. (Job)	12.360 12.360
SURVEY Line No Line No Line No Line No Line No CHAINING	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN STN STN STN STN STN STN	from Per 1000 1000	STN STN STN STN STN STN	1129 1280		Kms. Kms. Kms. Kms. Kms.	5.160 7.200	·	ck		
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SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN STN STN STN STN STN STN STN STN STN	1000 1000	STN	1129 1280		Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck		
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Cum. Kms. (Job)	12.360
SURVEY Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN STN STN STN STN STN STN STN STN STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Cum. Kms. (Job)	12.360
SURVEY Line No RANGING	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN STN STN STN STN STN STN STN STN STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Cum. Kms. (Job)	12.360
SURVEY Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Cum. Kms. (Job)	12.360
SURVEY Line No RANGING Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Cum. Kms. (Job)  Total Kms Cum. Kms. (Job)	12.360 12.360 12.360
SURVEY Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN	1000 1000 1000 1000	STN	1129 1280 1129 1280		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 5.160	·	ck	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.360 12.360 12.360
SURVEY Line No	Crew Mobil Chargeable DSS Surve 99AGSY1 99AGSY5	STN	1000 1000 1000 1000	STN	1129 1280 1129 1280	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200	1.	ck	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.360 12.360 12.360
SURVEY Line No Line No Line No Line No CHAINING Line No	Crew Mobil Chargeable DSS Surve  99AGSY1 99AGSY5  99AGSY1 99AGSY5	STN	1000 1000 1000	STN	1129 1280 1129 1280	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200	1.	ck	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.360 12.360 12.360
SURVEY Line No	Crew Mobil Chargeable DSS Surve  99AGSY1 99AGSY5  99AGSY1 99AGSY5  Dozer Dozer	STN Line No	1000 1000 1000	STN	1129 1280 1129 1280 5:	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 Hrs Hrs	1.	ck	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	12.360 12.360 12.360 0.000 0.000
SURVEY Line No	Crew Mobil Chargeable DSS Surve  99AGSY1 99AGSY5  99AGSY1 99AGSY5  Dozer Dozer Grader	STN ST	1000 1000 1000	STN	1129 1280 1129 1280 3 :	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 Hrs Hrs		ck	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.360 12.360 12.360 0.000 0.00
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SURVEY Line No Line No Line No Line No CHAINING Line No LINE CLEAR	Crew Mobil Chargeable DSS Survey 99AGSY1 99AGSY5  99AGSY5  Dozer Dozer Grader Grader	Time Mobilised  STN Line No Line No Line No	1000 1000 1000	STN	1129 1280 1129 1280 3: ms. Cut ms. Cut ms. Cut	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 5.160 7.200 Hrs Hrs Hrs			Total Kms	12.360 12.360 12.360 0.000 0.00
SURVEY Line No Line No Line No Line No CHAINING Line No LINE CLEAR	Crew Mobil Chargeable DSS Survey 99AGSY1 99AGSY5  99AGSY5  Dozer Dozer Grader Grader 1 # Mtt	Time Mobilised  STN Line No Line No Line No	1000 1000 1000 1000 #Holes	STN	1129 1280 11280 1129 1280 5:	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 5.160 7.200 Hrs Hrs Hrs Hrs		#Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Hours  Total Hours  Total Hrs (Job)  # Hrs	12.360 12.360 12.360 0.000 0.00
SURVEY Line No LINE CLEAR	Crew Mobil Chargeable DSS Survey 99AGSY1 99AGSY5  99AGSY5  Dozer Dozer Grader Grader 1 # Mtt	STN Line No Line No	#Holes	STN	1129 1280 1129 1280 3 :	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 5.160 7.200 Hrs Hrs Hrs Hrs		#Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Hours  Total Hours  Total Hrs (Job)  # Hrs	12.360 12.360 12.360 0.000 0.00
SURVEY Line No Line No Line No Line No CHAINING Line No	Crew Mobil Chargeable DSS Survey 99AGSY1 99AGSY5  99AGSY5  Dozer Dozer Grader Grader 1 # Mtt	Time Mobilised STN Cum # Mt	#Holes #Holes or (Job)	STN	1129 1280 1129 1280 3 :	15th. Cha	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	5.160 7.200 5.160 7.200 5.160 7.200 Hrs Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	12.360 12.360 12.360 0.000 0.00

DAY 2					~ ~		ACOR					
200				DAI	LY PI	RODUC	CTION	REPOR	RT		DATE	40.4
CREW 205											DATE	18-Aug-99
Client	ANSIR								Party M	anager.	BOB STEPHENSON	
Survey Name.	YILGARN								Client R	lep	ANDREW OWEN	
Area	KALGOOR	LIE REGIO	NC						Weathe	r	RAIN	
State	WA											
						16		01(100				
RECORDING		5		D		Kms.		SKIPS	٢	ROFILES	D . S	TOTALS
_ine No		Rec		Rec							Profiles	0
ine No		Rec		Rec							Skips	0
ine No		Rec Rec		Rec Rec							Kms Cum Kms	0.000
_ine No:		Rec		Rec							Cum Ams	0.000
ine No HOURS	Travel Time		2.00	Nec		Down T	ime - Vib				Extra Charges	<del></del>
	Test Time		0.00			DOWN 1		er			Extra vibe Hrs	0.00
	Recording Tim		0.00								Detours Charge Hrs	0.00
Other Time	Line Chang		0.00								WashdownsHrs	0.00
20101 1 HHG	Recorder M		0.00				Detour				Extra Other Charge	0.00
	Detours/Te		0.00					Spread.			Total ExtraHrs	0.00
	Experiment		0.00					Spreau. Damage			Total Extra(Job).Hrs	0.00
	Other Char		7.50	7.				Jamaye			Processing Hrs	0.00
	Wait on Sp		0.00				Ouici	•••••			1 100033119 1 113	
	Weather Ti		0.00									
	Stock Dam		0.00			Total D	own Time		0.00		Total DayHrs	12.00
	Safety Mee	•	2.50				own Time		0.00		Total Hrs (Job)	24.00
COMMENTS	Overnight F	Rains, Roa	d Verv Sli	pperv. No A	ccess To			Other Ch	arge Und	acking, Vibe	Repairs, Maintenance	
COMMENTS:				ppery, No A		Lines	na	Other Ch	arge Unp	acking, Vibe	e Repairs, Maintenance	
COMMENTS:	Induction M	leeting 07	30-0900 M	It Pleasant N	line, Cer	Lines ntaur Mini	•	Other Ch	arge Unp	acking, Vibe	e Repairs, Maintenance	
COMMENTS:	Induction M Unpack Co	leeting 07: ntainer, Cl	30-0900 M harge Boxe	lt Pleasant N es, Check E	dine, Cer quipmen	Lines ntaur Mini t, Assess	Roads	Other Ch	arge Unp	acking, Vibe	e Repairs, Maintenance	
	Induction M Unpack Co	leeting 07: ntainer, Cl	30-0900 M harge Boxe	It Pleasant N	dine, Cer quipmen	Lines ntaur Mini t, Assess	Roads	Other Ch	arge Unp	acking, Vibe	e Repairs, Maintenance	
SURVEY	Induction M Unpack Co Fire in Vibe	leeting 073 ntainer, Cl Motor. Ca	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check E Damage, Rej	dine, Cer quipment pair all Al	Lines ntaur Mini t, Assess Iternator I	Roads Mounts		arge Unp	acking, Vibe	e Repairs, Maintenance	-
SURVEY	Induction M Unpack Co	leeting 073 ntainer, Cl Motor. Ca STN	30-0900 M harge Boxe	It Pleasant Mes, Check E Damage, Re STN	dine, Cer quipmen	Lines ntaur Mini t, Assess Iternator I	Roads Mounts Kms.	8.760	arge Unp	acking, Vibe	e Repairs, Maintenance	
SURVEY Line No	Induction M Unpack Co Fire in Vibe	leeting 073 ntainer, Cl Motor. Ca STN STN	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check E Damage, Rej STN STN	dine, Cer quipment pair all Al	Lines ntaur Mini t, Assess Iternator I	Roads Mounts Kms. Kms.	8.760 0.000	arge Unp	acking, Vibe	e Repairs, Maintenance	
SURVEY _ine Noine No	Induction M Unpack Co Fire in Vibe	ntainer, Ch Motor. Ca STN STN STN	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check EDamage, Res STN STN STN	dine, Cer quipment pair all Al	Lines ntaur Mini t, Assess Iternator I	Roads Mounts Kms. Kms. Kms.	8.760 0.000 0.000	arge Unp	acking, Vibe		
SURVEY Line No Line No Line No	Induction M Unpack Co Fire in Vibe	stn STN STN STN	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check EDamage, ReSTN STN STN STN STN	dine, Cer quipment pair all Al	Lines ntaur Mini t, Assess Iternator I	Roads Mounts  Kms. Kms. Kms. Kms.	8.760 0.000 0.000 0.000	arge Unp	acking, Vibe	Total Kms	8.760
SURVEY ine No ine No ine No ine No	Induction M Unpack Co Fire in Vibe	ntainer, Ch Motor. Ca STN STN STN	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check EDamage, Res STN STN STN	dine, Cer quipment pair all Al	Lines ntaur Mini t, Assess Iternator I	Roads Mounts Kms. Kms. Kms.	8.760 0.000 0.000	arge Unp	acking, Vibe		
SURVEY Line No Line No Line No Line No Line No Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	STN STN STN STN STN STN STN	30-0900 M harge Boxe at Repair D 1129	It Pleasant Mes, Check Edamage, Report STN STN STN STN STN STN	Mine, Cer quipment pair all Al 1348	Lines htaur Mini t, Assess iternator I	Roads Mounts Kms. Kms. Kms. Kms. Kms.	8.760 0.000 0.000 0.000 0.000	arge Unp	acking, Vibe	Total Kms	8.760
SURVEY Line No Line No Line No Line No Line No CHAINING	Induction M Unpack Co Fire in Vibe	STN	30-0900 M narge Boxe at Repair D	It Pleasant Mes, Check E Damage, Report STN STN STN STN STN STN STN	dine, Cer quipment pair all Al	Lines htaur Mini t, Assess iternator I	Roads Mounts Kms. Kms. Kms. Kms. Kms.	8.760 0.000 0.000 0.000 0.000 8.760	arge Unp	acking, Vibe	Total Kms	8.760
SURVEY Line No Line No Line No Line No CHAINING Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Ct Motor. Ca  STN STN STN STN STN STN STN	30-0900 M harge Boxe at Repair D 1129	It Pleasant Mes, Check Edamage, Research STN STN STN STN STN STN STN STN STN	Mine, Cer quipment pair all Al 1348	Lines htaur Mini t, Assess iternator I	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 8.760 0.000	arge Unp	acking, Vibe	Total Kms	8.760
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M harge Boxe at Repair D 1129	It Pleasant Mes, Check Edamage, Research STN	Mine, Cer quipment pair all Al 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total KmsCum. Kms. (Job)	8.760 21.120
SURVEY Line No Line No Line No Line No CHAINING Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M harge Boxe at Repair D 1129	It Pleasant Mes, Check Edamage, Resolution STN	Mine, Cer quipment pair all Al 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total KmsCum. Kms. (Job)	8.760 21.120
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M narge Boxi at Repair D 1129	It Pleasant Mes, Check E Damage, Report STN	Mine, Cer quipmen pair all Al 1348 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total KmsCum. Kms. (Job)	8.760 21.120
SURVEY Line No RANGING	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca STN	30-0900 M narge Boxi at Repair D 1129	It Pleasant Mes, Check Edamage, Resolution STN	Mine, Cer quipmen pair all Al 1348 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total KmsCum. Kms. (Job)	8.760 21.120
SURVEY Line No RANGING Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca STN	30-0900 M narge Boxi at Repair D 1129	It Pleasant Mes, Check E Damage, Report STN	Mine, Cer quipmen pair all Al 1348 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total KmsCum. Kms. (Job)	8.760 21.120
SURVEY Line No RANGING Line No Line No Line No Line No Line No Line No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca STN	30-0900 M narge Boxi at Repair D 1129	It Pleasant Mes, Check E Damage, Report STN	Mine, Cer quipmen pair all Al 1348 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total Kms	8.760 21.120 8.760 21.120
SURVEY Line No Line N	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M narge Boxi at Repair D 1129	It Pleasant Mes, Check E Damage, Report STN	Mine, Cer quipmen pair all Al 1348 1348	Lines htaur Mini t, Assess iternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 8.760 0.000 0.000	arge Unp	acking, Vibe	Total Kms	8.760 21.120 8.760 21.120
SURVEY .ine Noine No	Induction M Unpack Co Fire in Vibe 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M harge Boxe at Repair D 1129	It Pleasant Mes, Check Edamage, Report STN	Mine, Cer quipment pair all Al 1348 1348	Lines htaur Mini t, Assess lternator I	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		acking, Vibe	Total Kms  Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	8.760 21.120 8.760 21.120 0.000 0.000
SURVEY .ine Noine No	Induction M Unpack Co Fire in Vibe 99AGSY1 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M harge Boxe at Repair D 1129	STN	Mine, Cerquipment pair all All 1348	Lines htaur Mini t, Assess lternator !	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		acking, Vibe	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000
SURVEY ine No	Induction M Unpack Co Fire in Vibe 99AGSY1 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	1129	STN	Mine, Cerquipment pair all All 1348 1348 S :	Lines htaur Mini t, Assess lternator !  3	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs		acking, Vibe	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000
SURVEY ine No	Induction M Unpack Co Fire in Vibe 99AGSY1 99AGSY1 Dozer Dozer Grader	leeting 07: ntainer, Cl Motor. Ca  STN Line No Line No Line No	30-0900 M narge Boxe at Repair E  1129  1129	STN	Mine, Cerquipment pair all All 1348 1348 S:	Lines htaur Mini t, Assess ltemator !  3	Roads Wounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		acking, Vibe	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY ine No ine No ine No ine No CHAINING ine No	Induction M Unpack Co Fire in Vibe 99AGSY1 99AGSY1	leeting 07: ntainer, Cl Motor. Ca  STN	30-0900 M narge Boxe at Repair E  1129  1129	STN	Mine, Cerquipment pair all All 1348 1348 S :	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		acking, Vibe	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000
SURVEY Line No Line No.	Dozer Grader Grader	leeting 07: ntainer, Cl Motor. Ca  STN Line No Line No Line No	30-0900 M harge Boxe at Repair D 1129 1129	STN	Mine, Cerquipment observation of the control of the	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs			Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY  ine No	Induction M Unpack Co Fire in Vibe  99AGSY1  99AGSY1  Dozer Dozer Grader Grader  1 # Mtr	leeting 07: ntainer, Cl Motor. Ca  STN Line No Line No Line No	#Holes	STN	Mine, Cerquipment obsir all All 1348 1348 S:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		#Holes	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY  ine No	Dozer Grader Grader	leeting 07: ntainer, Cl Motor. Ca  STN Line No Line No Line No	30-0900 M harge Boxe at Repair D 1129 1129	STN	Mine, Cerquipment observation of the control of the	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs			Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No.	Induction M Unpack Co Fire in Vibe 99AGSY1  99AGSY1  Dozer Dozer Grader Grader 1 # Mtr 2 # Mtr	leeting 07: ntainer, Cl Motor. Ca STN Line No Line No Line No	#Holes	It Pleasant Mes, Check E Damage, Rej STN COMMENT	Mine, Cerquipment oair all Al 1348 1348 S:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Lin	Induction M Unpack Co Fire in Vibe  99AGSY1  99AGSY1  Dozer Dozer Grader Grader  1 # Mtr 2 # Mtr	leeting 07: ntainer, Cl Motor. Ca STN Cum # M	#Holes #Holes tr (Job)	It Pleasant Mes, Check E Damage, Report STN	Mine, Cerquipment oair all Al 1348 1348 S:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs. Hrs. Cu	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line N	Induction M Unpack Co Fire in Vibe  99AGSY1  99AGSY1  Dozer Dozer Grader Grader  1 # Mtr 2 # Mtr 0.0 0	leeting 07: ntainer, Cl Motor. Ca STN Cum # M Cum Drill	#Holes	It Pleasant Mes, Check E Damage, Report STN	Mine, Cerquipment oair all Al 1348 1348 S:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	Lines htaur Mini t, Assess ltemator !  3	Roads Mounts  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Km	8.760 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	8.760 21.120 8.760 21.120 0.000 0.000 0.000 0.000 0.000

DAY 3							RP			
				DA	ILY PR	RODUCTIO	N REPOI	RT		
CREW 205									DATE	19-Aug-99
Client	ANSIR							Party Manager.	BOB STEPHENSON	
Survey Name.	YILGARN							Client Rep	ANDREW OWEN	
Area	KALGOORL	IE REGIO	NC					Weather	FINE	
State	WA									
						· · · · · · · · · · · · · · · · · · ·		, , , , , , , , , , , , , , , , , , , ,		
RECORDING		_		_		Kms.	SKIPS	PROFILE		TOTALS
Line No		Rec		Rec					Profiles	0
Line No		Rec		Rec					Skips	0
Line No		Rec		Rec					Kms	0.000
Line No		Rec		Rec					Cum Kms	0.000
Line No	ravel Time	Rec	2.50	Rec	<del></del>	Down Time - V	ihaa		Fide Observe	<del></del>
	est Time		0.25		,		rder		Extra Charges	0.00
	est time Recording Time		0.25				s		Extra vibe Hrs Detours Charge Hrs	0.00 0.00
Other Time	Line Change		0.00				S		WashdownsHrs	
Outer Time	Recorder Mo		0.00				ırs/Terr		Extra Other Charge	0.00 0.00
	Detours/Ten		0.00				n Spread.		Total ExtraHrs	0.00
	Experimenta		1.50				Damage		Total Extra(Job).Hrs	0.00
	Other Charg		7.75						Processing Hrs	0.00
	Wait on Spre		0.00			Care			r roccomy rns	
	Weather Tin		0.00							
	Stock Dama		0.00			Total Down Tin	ne	0.00	Total DayHrs	12.00
	Safety Meet	-	0.00					0.00	Total Hrs (Job)	36.00
	Experimenta	ils Late A to Line all	fternoon o			Cum. Down Tir	· · · · · · · · · · · · · · · · · · ·		(66)	
SURVEY Line No	Experimenta Float Vibes t	als Late A to Line all aid Sprea STN	fternoon o	ess Delays	0630-1030 1664	0 Wet Slippery 0	conditions 12.640		(66)	
SURVEY Line No	Experimenta Float Vibes t Line Crew La	sis Late A to Line all aid Sprea STN STN	fternoon o I Day. Acc	STN	0630-1030 1664	0 Wet Slippery ( Kms Kms	12.640 0.000		(66)	
SURVEY Line No Line No	Experimenta Float Vibes t Line Crew La	STN STN	fternoon o I Day. Acc	STN STN STN	1664	0 Wet Slippery 0 Kms Kms Kms	12.640 0.000 0.000			
SURVEY Line No Line No Line No Line No	Experimenta Float Vibes t Line Crew La	STN STN STN	fternoon o I Day. Acc	STN STN STN STN	1664	0 Wet Slippery 0 Kms Kms Kms Kms	12.640 0.000 0.000 0.000		Total Kms	12.640
SURVEY Line No Line No Line No Line No Line No	Experimenta Float Vibes t Line Crew La	STN STN	fternoon o I Day. Acc	STN STN STN	1664	0 Wet Slippery 0 Kms Kms Kms	12.640 0.000 0.000			
SURVEY Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN STN STN STN STN	fternoon of Day. Accord	STN STN STN STN STN	1664	0 Wet Slippery 0 Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000		Total Kms	12.640
SURVEY Line No Line No Line No Line No CHAINING Line No	Experimenta Float Vibes t Line Crew La	STN STN STN STN STN	fternoon o I Day. Acc	STN STN STN STN STN	1664	O Wet Slippery C Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000		Total Kms	12.640
SURVEY Line No Line No Line No Line No CHAINING Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN STN STN STN STN STN	fternoon of Day. Accord	STN STN STN STN STN STN STN	1664	O Wet Slippery C Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000		Total Kms	12.640
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN STN STN STN STN STN STN STN STN	1664 1664	O Wet Slippery C Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total KmsCum. Kms. (Job)	12.640 33.760
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN STN STN STN STN STN	fternoon of Day. Accord	STN STN STN STN STN STN STN	1664 1664	O Wet Slippery C Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total Kms(Job)  Cum. Kms. (Job)	12.640 33.760
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN	1664 1664	C Wet Slippery C  Kms Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total KmsCum. Kms. (Job)	12.640 33.760
SURVEY Line No Line No Line No Line No CHAINING Line No RANGING Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN	1664 1664	C Wet Slippery C  Kms Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total Kms(Job)  Cum. Kms. (Job)	12.640 33.760
SURVEY _ine Noine No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN	1664 1664	C Wet Slippery C  Kms Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total Kms(Job)  Cum. Kms. (Job)	12.640 33.760
SURVEY Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN	1664 1664	C Wet Slippery C  Kms Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total Kms(Job)  Cum. Kms. (Job)	12.640 33.760
SURVEY Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day. Accord	STN	1664 1664	C Wet Slippery C  Kms Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000		Total Kms(Job)  Total Kms  Cum. Kms. (Job)	12.640 33.760 12.640 33.760
SURVEY Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN	fternoon of Day, Accord  1348	STN	1664 1664 TS:	Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000		Total Kms	12.640 33.760 12.640 33.760
SURVEY Line No	Experimenta Float Vibes I Line Crew La 99AGSY1	STN Line No	fternoon of Day, Accord 1348 1348	STN	1664 1664 TS:	Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000		Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000
SURVEY _ine Noine No	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader	STN Line No	1348	STN	1664  1664  TS:  Kms. Cut Kms. Cut Kms. Cut	Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000		Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY _ine Noine Noine No CHAINING _ine Noine No	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader	STN Line No	1348	STN	1664 1664 TS:	Kms Kms Kms Kms Kms Kms Kms Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000		Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000
SURVEY Line No	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader Grader	STN Line No	1348 1348	STN	1664  1664  Kms. Cut Kms. Cut Kms. Cut	Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000		Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No LINE CLEAR	Experimenta Float Vibes I Line Crew La 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr	STN Line No	fternoon of Day. Accord 1348 1348	STN	1664  TS:  Kms. Cut Kms. Cut Hrs	Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000 0.000	r #Hole	Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No LINE CLEAR	Experimenta Float Vibes I Line Crew La 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr	STN Line No	1348 1348	STN	1664  1664  Kms. Cut Kms. Cut Kms. Cut	Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000 0.000	r #Hole	Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY Line No RANGING Line No Line No.	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr # Mtr	STN Line No Line No	fternoon of Day. Accord 1348 1348	STN STN STN STN STN STN STN STN STN COMMEN	1664  TS:  Kms. Cut Kms. Cut Hrs	Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000 0.000	r #Hole	Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY Line No  DRILLING Rig No. 1 Rig No. 2	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr # Mtr 0.0	STN Line No Line Mo Line Mo Line Mo Cum # M	fternoon of Day, Accord  1348  1348  1348  #Holes #Holes	STN	1664  1664  TS:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	Kms	12.640 0.000 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000 0.000	г #Hole г #Hole	Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Experimenta Float Vibes I Line Crew La  99AGSY1  99AGSY1  Dozer Dozer Grader Grader Grader # Mtr # Mtr 0.0 0	STN CMB KMS KMS KMS KMS Line No Line No Line No Cum # M Cum Drill	#Holes #Holes tr (Job)ed (Job)	STN	1664  1664  TS:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	Kms	12.640 0.000 0.000 0.000 12.640 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs	r #Hole r #Hole	Total Kms	12.640 33.760 12.640 33.760 0.000 0.000 0.000 0.000 0.000

DAY 4				T .	TT X7 P			DEDON	T			
CREW 205			<del></del>	DA	ILY P	KODU	LIUN	REPOR	.1		DATE.	. 20-Aug-99
									1			
Client	ANSIR	•							Party Ma	nager.	BOB STEPHENSON	
Survey Name.	YILGARN								Client Re	•	ANDREW OWEN	
Area	KALGOORI	LIE REGIO	N						Weather.		FINE	
State	WA											
RECORDING				<del></del>		Kms		SKIPS	PF	ROFILES		TOTALS
Line No	99AGSY1	Rec	1000	Rec	1340	13.600		1		170	Profiles	170
Line No	00/100/11	Rec	1000	Rec	1010	. 10.000	•	•			Skips	170
Line No		Rec		Rec							Kms	13.600
Line No		Rec		Rec							Cum Kms	13.600
Line No		Rec		Rec								
HOURS Tr	ravel Time		2.50			Down T	ime - Vibe	es	0.00		Extra Charges	
Te	est Time		0.25				Record	er	0.00		Extra vibe Hrs	0.00
Re	Recording Time	е	6.50						0.00		Detours Charge Hrs	0.00
Other Time	Line Chang	e	0.00				ATU's		0.00		WashdownsHrs	0.00
	Recorder M		1.00				Detours		0.00		Extra Other Charge	0.00
	Detours/Ter		0.00				W / on	Spread.	0.00		Total ExtraHrs	0.00
	Experiment		1.25				Stock E	_	0.00		Total Extra(Job).Hrs	0.00
	Other Charg	•	0.00				Other	,	0.00		Processing Hrs	
	Wait on Spr		0.00									
	Weather Tir		0.00									
	Stock Dama	•	0.00				own Time		0.00		Total DayHrs	12.00
	Safety Meet	ting	0.50			(:iim 1:	own Time	(Job)	0.00		Total Hrs (Job)	48.00
			5 1 " 1		====							
COMMENTS:	Tape: Line 9	99AGS-Y1				, VP1000				Handed t		
COMMENTS:	Tape: Line 9	99AGS-Y1 99AGS-Y1	,Reel # L	15099004.	FF117-19	, VP1000 6, VP118	0-1340(34	190E)		Handed t	o client	
COMMENTS:	Tape: Line 9	99AGS-Y1 99AGS-Y1	,Reel # L	15099004.	FF117-19	, VP1000 6, VP118	0-1340(34	190E)			o client	
	Tape: Line 9	99AGS-Y1 99AGS-Y1	,Reel # L	15099004.	FF117-19	, VP1000 6, VP118	0-1340(34	190E)		Handed t	o client	<u> </u>
	Tape: Line 9	99AGS-Y1 99AGS-Y1	,Reel # L	15099004.	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34	190E)		Handed t	o client	<u> </u>
SURVEY	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1	,Reel # L Reel # E1	15099004, I 15099002, F	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Exa	190E) abyte)		Handed t	o client	
SURVEY Line No	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1, STN	,Reel # L Reel # E1	15099004, I 15099002, F STN	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Example of the control of the cont	190E) abyte)		Handed t	o client	
SURVEY Line No	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1, STN STN	,Reel # L Reel # E1	15099004, I 15099002, F STN STN	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Exa Kms. Kms.	190E) abyte) 12.120		Handed t	o client	12.120
SURVEY Line No Line No	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1 STN STN	,Reel # L Reel # E1	15099004, I 15099002, F STN STN STN	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Example 1340) Kms. Kms. Kms.	190E) abyte) 12.120 0.000		Handed t	o client o client	12.120 45.880
SURVEY Line No Line No Line No Line No	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1, STN STN STN	,Reel # L Reel # E1	15099004, I 15099002, F STN STN STN	FF117-19 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Ext Kms. Kms. Kms. Kms.	12.120 0.000 0.000		Handed t	o client o client Total Kms	
SURVEY Line No Line No Line No Line No Line No	Tape: Line 9 Tape:Line 9	99AGS-Y1 99AGS-Y1 9AGS-Y1, STN STN STN	,Reel # L Reel # E1	15099004, I 15099002, F STN STN STN	FF117-196 FF17-196	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Ext Kms. Kms. Kms. Kms.	12.120 0.000 0.000		Handed t	o client o client Total Kms	
SURVEY Line No Line No Line No Line No Line No CHAINING	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	99AGS-Y1 99AGS-Y1 9AGS-Y1 9AGS-Y1 STN STN STN STN	,Reel # L <sup>-</sup> Reel # E1 1664	STN STN STN STN STN STN	FF117-196 	, VP1000 6, VP118 , VP1000-	0-1340 (34 -1340 (Exa Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000		Handed t	o client o client Total Kms	
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	99AGS-Y1 99AGS-Y1 9AGS-Y1 STN STN STN STN	,Reel # L <sup>-</sup> Reel # E1 1664	STN STN STN STN STN STN STN	FF117-196 	, VP1000 6, VP118 , VP1000-	0-1340(34 -1340 (Example 1340) Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000		Handed t	o client o client Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	STN	,Reel # L <sup>-</sup> Reel # E1 1664	STN STN STN STN STN STN STN STN	FF117-196 	, VP1000 6, VP118 , VP1000-	0-1340 (34 -1340 (Exi Kms. Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000 12.120 0.000		Handed t	o client o client Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	STN	Reel # L1 1664	STN	FF117-196 	, VP1000 6, VP118 , VP1000-	O-1340(34 -1340 (Exi Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000 12.120 0.000 0.000		Handed t	o client o client  Total Kms	45.880
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	99AGS-Y1 99AGS-Y1 9AGS-Y1 9AGS-Y1 8TN 8TN 8TN 8TN 8TN 8TN	Reel # L1 1664	STN	FF117-196 	, VP1000 6, VP118 , VP1000-	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000		Handed t	o client o client  Total Kms	12.120
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No Line No RANGING Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	99AGS-Y1 99AGS-Y1 9AGS-Y1 9AGS-Y1 8TN 8TN 8TN 8TN 8TN 8TN	Reel # L1 1664	STN	FF117-196 	, VP1000 6, VP118 , VP1000-	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000		Handed t	o client o client  Total Kms	12.120
SURVEY Line No Line No Line No Line No CHAINING Line No RANGING	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	99AGS-Y1 99AGS-Y1 9AGS-Y1 9AGS-Y1 8TN 8TN 8TN 8TN 8TN 8TN 8TN 8TN	Reel # L1 1664	STN	FF117-196 	, VP1000 6, VP118 , VP1000-	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000		Handed t	o client o client  Total Kms Cum. Kms. (Job)  Total Kms	12.120
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape:Line 9 99AGSY1	STN	Reel # L1 1664	STN	FF117-196 	, VP1000 6, VP118 , VP1000-	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000		Handed t	Total Kms  Total Kms  Total Kms  Total Kms  Total Kms  Cum. Kms. (Job)	12.120 45.880
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1	STN	Reel # L1 1664	STN	FF117-196	, VP1000 6, VP118 , VP1000-	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000		Handed t	Total Kms	12.120 45.880 0.000 0.00
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1	STN	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:	, VP1000 6, VP118 , VP1000- 7	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer	STN Line No	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader	STN Line No	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 Hrs. Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000 0.000
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer	STN Line No	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader	STN Line No	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000 0.000
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr	STN Line No	Reel # L1 1664 1664 #Holes	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	UPHOL	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.		Handed t Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr	STN Line No	Reel # L1 1664 1664	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu	, VP1000 6, VP118 , VP1000- 7	C-1340 (Exitation of the control of	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.		Handed t	Total Kms	12.120 45.880 0.000 0.00 0.000 0.000 0.000
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr # Mtr	STN Line No Line No	Reel # L1 1664 1664 1664 #Holes	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	, VP1000 6, VP118 , VP1000- 7	UPHOL Unit 1 Unit 2	12.120 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.120 45.880 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr # Mtr	STN	Reel # L1 1664 1664 1664 #Holes #Holes	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	, VP1000 6, VP118 , VP1000- 7	O-1340(34-1340 (Exitation of the content of the con	12.120 0.000 0.000 0.000 12.120 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes #Holes	Total KmsCum. Kms. (Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hms(Job)  Total Hours  Total Hrs (Job)  # Hrs # Hrs	12.120 45.880 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Line 9 Tape: Line 9 Tape: Line 9 99AGSY1  99AGSY1  Dozer Dozer Grader Grader # Mtr # Mtr	STN	Reel # L1 1664 1664 1664 #Holes #Holes	STN	FF117-196  196  196  TS:  Kms. Cu Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	, VP1000 6, VP118 , VP1000- 7	O-1340(34) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	12.120 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.120 45.880 0.000 0.000 0.000 0.000 0.000 0.000

				DAI	LV PR	ODHC'	TION	REPOR	Т			
CREW 205				DAI	LIII	ODCC	11011	KEI ON	1		DATE	21-Aug-9
Client	ANSIR								Party	Manager.	BOB STEPHENSON	
Survey Name.	YILGARN								Client	Rep	ANDREW OWEN	
Area	KALGOORL	E REGION	I						Weath	ner	FINE	
State	WA											
RECORDING						Kms.		SKIPS		PROFILES		TOTALS
Line No	99AGSY1	Rec	1342	Rec	1694	14.160		2		221	Profiles	221
Line No		Rec		Rec							Skips	2
Line No		Rec		Rec							Kms	14.160
Line No	و با	Rec		Rec							Cum Kms	27.760
Line No		Rec		Rec								
HOURS 1	Fravel Time	2	.00			Down Ti	me - Vibe	es	0.00		Extra Charges	
7	Fest Time	0	.25				Record	er	0.00		Extra vibe Hrs	0.00
· F	Recording Time	8	.00				Cables.		0.25		Detours Charge Hrs	0.00
Other Time	Line Change		.00						0.00		WashdownsHrs	0.00
	Recorder Mo		.50				Detours		0.00		Extra Other Charge	0.00
	Detours/Terr		.00				W / on		0.00		Total ExtraHrs	0.00
	Experimenta		.00				Stock D	•	0.00		Total Extra(Job).Hrs	0.00
	Other Charg		.00						0.00		Processing Hrs	0.00
	Wait on Spre		.00				Ou 161		0.00		i ioocaaniy ma	
		•										
	Weather Tim		.00			T-4-1 D-	Ti		0.05		Tatal Day	40.00
	Stock Dama	-	.00				wn Time		0.25		Total DayHrs	12.00
	Safety Meeti		.00				own Time		0.25		Total Hrs (Job)	60.00
0011115	T 1 4										1km each side of mine	
COMMENTS:	Tape: Reel #						•					
COMMENTS:	Tape: Reel #	L1509900	6, Line 99A	AGS-Y1, F	F300-403	, VP 1509	9-1664(34	490E)	:		appointed rail crossing	
COMMENTS:	Tape: Reel # Tape: Reel #	L1509900 L1509900	6, Line 99 <i>4</i> 7, Line 99 <i>4</i>	AGS-Y1, F AGS-Y1, F	F300-403 F404-417	, VP 1509 , VP 1666	9-1664(34 5-1694(34	490E) 490E)	. i.			
	Tape: Reel #	L1509900 L1509900	6, Line 99 <i>4</i> 7, Line 99 <i>4</i>	AGS-Y1, F AGS-Y1, F	F300-403 F404-417	, VP 1509 , VP 1666	9-1664(34 5-1694(34	490E) 490E)	: - · · ·			
COMMENTS: .	Tape: Reel # Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F BAGS-Y1,	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(34 12-1694(E	490E) 490E) Exabyte)				
SURVEY Line No	Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990 STN	6, Line 99 <i>4</i> 7, Line 99 <i>4</i>	AGS-Y1, F AGS-Y1, F BAGS-Y1. STN	F300-403 F404-417	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(34 12-1694(E Kms.	490E) 490E) Exabyte) 12.160				
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F BAGS-Y1,	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(34 12-1694(E	490E) 490E) Exabyte)				
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990 STN	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F BAGS-Y1. STN	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(34 12-1694(E Kms.	490E) 490E) Exabyte) 12.160				
SURVEY Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel #	E1509900 E1509900 E0150990 STN STN	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F BAGS-Y1. STN STN	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(34 <u>12-1694(E</u> Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000				12.160
SURVEY Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel #	STN STN	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 3-1694(34 12-1694(E Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000	1		appointed rail crossing	12.160 58.040
SURVEY Line No Line No Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990 STN STN STN	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F PAGS-Y1. STN STN STN	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 5-1694(34 42-1694(E Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000 0.000	*		appointed rail crossing  Total Kms	
SURVEY Line No Line No Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel #	L1509900 L1509900 E0150990 STN STN STN	6, Line 994 7, Line 994 03, Line 99	AGS-Y1, F AGS-Y1, F PAGS-Y1. STN STN STN	F300-403 F404-417 FF197-41	, VP 1509 , VP 1666 7, VP134	9-1664(34 5-1694(34 42-1694(E Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000 0.000			appointed rail crossing  Total Kms	
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 E0150990 STN STN STN STN STN	6, Line 99 <i>A</i> 7, Line 99 <i>A</i> 03, Line 99 2730	AGS-Y1, F AGS-Y1, F BAGS-Y1. STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	9-1664(34 6-1694(8 42-1694(E Kms. Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000 0.000 0.000	1		appointed rail crossing  Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 E0150990 STN STN STN STN STN	6, Line 99 <i>A</i> 7, Line 99 <i>A</i> 03, Line 99 2730	AGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1.  STN  STN  STN  STN  STN  STN  STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	3-1664(34 5-1694(34 12-1694(E Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 0.000	:		appointed rail crossing  Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 E0150990 STN STN STN STN STN STN STN STN	6, Line 99 <i>A</i> 7, Line 99 <i>A</i> 03, Line 99 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	3-1664(3- 3-1694(3- 3-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000 0.000 12.160 0.000 0.000	:		Total KmsCum. Kms. (Job)	58.040
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 E0150990 STN STN STN STN STN STN STN STN STN STN STN	6, Line 99 <i>A</i> 7, Line 99 <i>A</i> 03, Line 99 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000			Total Kms	12.160
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 E0150990 STN STN STN STN STN STN STN STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	3-1664(3- 3-1694(3- 3-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) Exabyte) 12.160 0.000 0.000 0.000 12.160 0.000 0.000			Total KmsCum. Kms. (Job)	58.040
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000			Total Kms	12.160
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	E1509900 E01509900 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000			Total Kms	12.160
SURVEY Line No RANGING Line No Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000			Total Kms	12.160 58.040
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1	L1509900 L1509900 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426	, VP 1509 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000
SURVEY Line No Line No Line No CHAINING Line No	Tape: Reel # Tape: Reel # 99AGS-Y1	E1509900 E01509900 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426	. VP 1508 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000 0.00
SURVEY Line No	Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer	L1509900  L1509900  STN  STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730 C	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426	. VP 1508 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer	E1509900 E0150990 STN	6, Line 99/ 7, Line 99/ 03, Line 99/ 2730 2730 C	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426 S:	. VP 1508 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader	E1509900 E0150990 STN Line No Line No	6, Line 99/7, Line 99/7, Line 99/03, Line 99/03, Line 99/2730  2730  CO	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426 S: Kms. Cut Kms. Cut Kms. Cut	. VP 1508 , VP 1666 7, VP134	2-1664(3-6-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-1694(E-16)(E-16)(E-16)(E-16)(E-16)(E-	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer	E1509900 E0150990 STN	6, Line 99/7, Line 99/7, Line 99/03, Line 99/03, Line 99/2730  2730  CO	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426 S:	. VP 1508 , VP 1666 7, VP134	9-1664(34 5-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000			Total Kms	12.160 58.040 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader	E1509900 E0150990 STN Line No Line No	2730  CC	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426  2426  S: Kms. Cut Kms. Cut Kms. Cut	. VP 1508 , VP 1666 7, VP134	9-1664(34 5-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	•	Flagman	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr	E1509900 E0150990 STN Line No Line No	6, Line 99/7, Line 99/03, Line	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426 2426 S: Kms. Cut Kms. Cut Kms. Cut	. VP 1508 , VP 1666 7, VP134	9-1664(34 5-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	· ·	#Holes	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No LINE CLEAR	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr	E1509900 E0150990 STN Line No Line No	2730  CC	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426  2426  S: Kms. Cut Kms. Cut Kms. Cut	. VP 1508 , VP 1666 7, VP134	9-1664(34 5-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	· ·	Flagman	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr	E1509900 E0150990 STN Line No Line No	6, Line 99/7, Line 99/03, Line	AGS-Y1, F AGS-Y1, F AGS-Y1, F AGS-Y1. STN STN STN STN STN STN STN STN	F300-403 F404-417 FF197-41 2426  2426  S: Kms. Cut Kms. Cut Hrs	. VP 1508 , VP 1666 7, VP134	9-1664(34 5-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	· ·	#Holes	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr	E1509900 E0150990 STN Line No Line No	6, Line 99/7, Line 99/7, Line 99/03, Line	AGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, STN	F300-403 F404-417 FF197-41 2426  2426  S: Kms. Cut Kms. Cut Hrs	. VP 1508 , VP 1666 7, VP134	9-1664(34 6-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Li	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr	L1509900 L1509900 STN STN STN STN STN STN STN STN STN Line No Line No Line No Line No Line No Line No	6, Line 99/7, Line 99/7, Line 99/03, Line	AGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, STN	F300-403 F404-417 FF197-41  2426  2426  S: Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	. VP 1508 , VP 1666 7, VP134	0-1664(34 6-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.	· · · · · · · · · · · · · · · · · · ·	#Holes #Holes	Total Kms	12.160 58.040 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # Tape: Reel # Tape: Reel # 99AGS-Y1  99AGS-Y1  Dozer Dozer Grader Grader # Mtr # Mtr 0.0 0	L1509900 L1509900 STN STN STN STN STN STN STN STN Line No Line No Line No Line No Cum # Mtr	6, Line 99/7, Line 99/7, Line 99/03, Line	AGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, FAGS-Y1, STN	F300-403 F404-417 FF197-41  2426  2426  S:S:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	. VP 1508 , VP 1666 7, VP134	0-1664(34 6-1694(84 6-1694(E Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	490E) 490E) 12.160 0.000 0.000 0.000 12.160 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes #Holes	Total Kms	58.040 12.160 58.040 0.000 0.000 0.000 0.000 0.000 0.000

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CREW 205				DA		TERRA ODUC		REPOR	Т			
					21 11	0200	11011	102 01			DATE	22-Aug-99
Client Survey Name. Area	ANSIR YILGARN KALGOORLIE WA	E REGIOI	N						Party Mar Client Rep Weather	o	BOB STEPHENSON ANDREW OWEN FINE	
DECORDING						Kms.		SKIPS		OFILES		TOTALO
RECORDING Line No	99AGSY1	Rec	1696	Rec	1966	10.880		2	FR	134	Profiles	TOTALS 199
Line No	99AGSY1	Rec	2730	Rec	2602	5.120		0		65	Skips	2
Line No	99AGS14	Rec	2/30	Rec	2002	5.120		U		05	Kms	16.000
Line No		Rec		Rec							Cum Kms	43.760
Line No	T 1 72	Rec	2.00	Rec		Davis Ti	\/ib		0.00		Fide Observe	
	Travel Time		2.00			Down III	me - Vib		0.00		Extra Charges	0.00
	Test Time		0.25					ег	0.00		Extra vibe Hrs	0.00
	Recording Time		6.75						0.00		Detours Charge Hrs	0.00
Other Time	Line Change		1.50						0.00		WashdownsHrs	0.00
	Recorder Mov		0.50				Detours		0.00		Extra Other Charge	0.00
	Detours/Terra		0.00					Spread.	0.00		Total ExtraHrs	0.00
	Experimental.	(	0.00				Stock D	amage	0.00		Total Extra(Job).Hrs	0.00
	Other Charge	(	0.50	(Vibes Bre	ak)		Other		0.00		Processing Hrs	
	Wait on Sprea	ad. (	0.00									
	Weather Time	e (	0.00									
	Stock Damage	e (	0.00			Total Do	wn Time		0.00		Total DayHrs	12.00
	Safety Meetin	ıg (	0.50			Cum. Do	own Time	(Job)	0.25		Total Hrs (Job)	72.00
		L 130330	i i, Lille 9	9AGS-Y4,F	F332-616,	VP2730-	2602(34	90E)/E150	99006.Y4,V	P2730-26	02,FF552-616	
	99AGS-Y4	STN	2426	9AGS-Y4,F STN			2602(34 Kms.	90E)/E150 18.080	99006.Y4,V	'P2730-26	02,FF552-616	
Line No					1974				99006.Y4,V	'P2730-26	02,FF552-616	
Line No		STN		STN	1974		Kms.		99006.Y4,V	(P2730-26	02,FF552-616	
Line No Line No Line No		STN STN		STN	1974		Kms. Kms.		99CC6.Y4,V	'P2730-26	02,FF552-616  Total Kms	18.080
Line No Line No Line No Line No		STN STN STN		STN STN STN	1974		Kms. Kms. Kms.	18.080	99006.Y4,V	'P2730-26		18.080 76.120
Line No Line No Line No Line No		STN STN STN		STN STN STN	1974		Kms. Kms. Kms. Kms.	18.080	99006.Y4,V	P2730-26	Total Kms	
Line No Line No Line No Line No Line No		STN STN STN		STN STN STN	1974		Kms. Kms. Kms. Kms.	18.080	990C6, Y4, V	P2730-26	Total Kms	
Line No Line No Line No Line No Line No CHAINING Line No	99AGS-Y4	STN STN STN STN	2426	STN STN STN STN	1974		Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000	990C6, Y4, V	(P2730-26	Total Kms	
Line No Line No Line No Line No Line No CHAINING Line No	99AGS-Y4	STN STN STN STN	2426	STN STN STN STN	1974		Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080	99006.Y4.V	P2730-26	Total Kms	
Line No Line No Line No Line No Line No CHAINING Line No Line No	99AGS-Y4	STN STN STN STN STN	2426	STN STN STN STN STN	1974 1974		Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000	99006.Y4.V	(P2730-26	Total Kms	
Line No Line No Line No Line No CHAINING Line No Line No Line No	99AGS-Y4	STN STN STN STN STN STN	2426	STN STN STN STN STN STN STN STN	1974 1974		Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000	99005.Y4,V	P2730-26	Total Kms Cum. Kms. (Job)	76.120
Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	99AGS-Y4	STN STN STN STN STN STN STN	2426	STN STN STN STN STN STN STN STN STN	1974		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000	99005.Y4,V	P2730-26	Total KmsCum. Kms. (Job)	76.120 18.080
Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No Line No RANGING	99AGS-Y4	STN STN STN STN STN STN STN	2426	STN	1974		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000	99005.Y4,V	P2730-26	Total KmsCum. Kms. (Job)	76.120 18.080
Line No RANGING	99AGS-Y4	STN STN STN STN STN STN STN STN STN STN	2426	STN	1974		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000	99005.Y4,V	P2730-26	Total KmsCum. Kms. (Job)	76.120 18.080
Line No RANGING Line No	99AGS-Y4	STN STN STN STN STN STN STN STN STN STN STN	2426	STN	1974		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000	99005.Y4,V	P2730-26	Total KmsCum. Kms. (Job)	76.120 18.080 76.120
Line No RANGING Line No Line No Line No Line No Line No	99AGS-Y4	STN Kms Kms Kms	2426	STN	1974		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000	99005.Y4,V	P2730-26	Total Kms  Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	76.120 18.080 76.120
Line No  Line No  Line No  Line No  CHAINING  Line No  Line No  Line No  Line No  RANGING  Line No  Line No  RANGING  Line No	99AGS-Y4	STN STN STN STN STN STN STN STN STN STN Kms Kms Kms	2426	STN	1974 1974 TS:		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000		P2730-26	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Kms	76.120 18.080 76.120 0.000 0.00
Line No  Line No  Line No  CHAINING  Line No  Line No  Line No  Line No  Line No  Line No  RANGING  Line No  Line No	99AGS-Y4 99AGS-Y4 Dozer	STN	2426	STN	1974 1974 TS:		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000 0.000		P2730-26	Total Kms	76.120 18.080 76.120 0.000 0.00 0.000
Line No  Line No  Line No  Line No  CHAINING  Line No  Line No  Line No  Line No  RANGING  Line No  Line No  RANGING  Line No	99AGS-Y4  99AGS-Y4  Dozer L Dozer L	STN Line No	2426	STN	1974 1974 FS : Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000 0.000		P2730-26	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000
ine No ine No ine No ine No CHAINING ine No	99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L	STN Line No	2426	STN	1974  1974  TS:  Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000 0.000 Hrs Hrs		P2730-26	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000
Line No Line No Line No Line No CHAINING Line No	99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L	STN Line No	2426	STN	1974 1974 FS : Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000 0.000 Hrs Hrs		P2730-26	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000
Line No Line No Line No Line No CHAINING Line No	99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L Grader L	STN Line No	2426	STN	1974  1974  TS:  Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080  0.000 0.000  18.080 0.000 0.000 0.000 0.000 Hrs Hrs Hrs			Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000
Line No Line No Line No Line No CHAINING Line No Line No.	99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L Grader L Grader L	STN Line No	2426	STN	1974  1974  TS:  Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080 0.000 0.000 18.080 0.000 0.000 0.000 0.000 Hrs Hrs		#Holes	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000
Line No Line No Line No Line No CHAINING Line No Line N	99AGS-Y4  99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L Grader L 4 Mtr 4 Mtr 2 # Mtr	STN Line No	2426  2426  0.000  #Holes #Holes	STN STN STN STN STN STN STN COMMEN	1974  1974  IS:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs		Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOL Unit 1	18.080  0.000 0.000  18.080 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000
Line No Line No Line No Line No CHAINING Line No	99AGS-Y4  99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L Grader L 4 Mtr 2 # Mtr 0.0 C	STN Line No	2426 2426 0.000 #Holes	STN STN STN STN STN STN STN COMMEN	1974  1974  TS:  Kms. Cut Kms. Cut Kms. Cut Hrs		Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOL Unit 1	18.080  0.000 0.000  18.080 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000
•	99AGS-Y4  99AGS-Y4  99AGS-Y4  Dozer L Dozer L Grader L Grader L 4 Mtr 2 # Mtr 0.0 C	STN Line No Line No Cum # Mt	2426  2426  0.000  #Holes #Holes	STN STN STN STN STN STN STN STN STN	1974  1974  IS:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs		Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	18.080  0.000 0.000  18.080 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs		#Holes #Holes	Total Kms	76.120 18.080 76.120 0.000 0.000 0.000 0.000 0.000 0.000

DAY 7							ONT	REPOR	Г			
CREW 205	•			DAL	LITK	<u> </u>	UN	CEFOR	1		DATE	23-Aug-9
Client	ANSIR								Party M	-	BOB STEPHENSON	
Survey Name.	YILGARN								Client F	•	ANDREW OWEN	
Area	KALGOORLIE	REGION							Weathe	r	FINE	
State	WA											
RECORDING						Kms.		SKIPS	Р	ROFILES		TOTALS
Line No	99AGS-Y4				2335	10.680		1		191	Profiles	191
Line No		Rec		Rec							Skips	1
Line No		Rec		Rec							Kms	10.680
Line No		Rec		Rec		•					Cum Kms	54.440
Line No		Rec		Rec								
	ravel Time					Down Time			0.75		Extra Charges	
	est Time						Recorde		0.50		Extra vibe Hrs	0.00
	tecording Time						Cables		0.75		Detours Charge Hrs	0.00
Other Time	Line Change						\TU's		0.00		WashdownsHrs	0.00
	Recorder Mov						Detours/		0.00		Extra Other Charge	0.00
	Detours/Terra						V / on S	•	0.00		Total ExtraHrs	0.00
	Experimental.						Stock Da	•	0.00		Total Extra(Job).Hrs	0.00
	Other Charge					С	Other	••••••	0.00		Processing Hrs	
	Wait on Sprea											
	Weather Time											
	Stock Damage					Total Down			2.00		Total DayHrs	12.00
	Safety Meeting	g., 0.00	0			Cum. Dowr	n Time (		2.25		Total Hrs (Job)	84.00
COMMENTS:	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	L15099012, L L15099013, L	ine 99AGS	-Y4,FF7	20-807, \	/P 2423-233	35(3490	E)				
SURVEY Line No	Tape: Reel # I Tape: Reel # I	L15099012, L L15099013, Li ccumulator Bla	ine 99AGS	S-Y4,FF7 nline 12	20-807, \	/P 2423-233 ow Going Di	35(3490 ifficult T	E) errain 12.960				
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	L15099012, L L15099013, L ccumulator Bla STN 19 STN 19	ine 99AGS adder, 3 O	STN	20-807, \ ) Fold. Sl	/P 2423-233 ow Going Di	35(3490 ifficult T Kms. Kms.	E) Terrain 12.960 0.000		· · · · · · · · · · · · · · · · · · ·		
SURVEY Line No Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	STN 1" STN STN	ine 99AGS adder, 3 O	STN STN STN	20-807, \ ) Fold. Sl	/P 2423-233 ow Going Di 	35(3490 ifficult T Kms. Kms. Kms.	12.960 0.000 0.000			Total Kms	12 060
SURVEY Line No Line No Line No Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	L15099012, L L15099013, L L15099013, L SCUMULATOR BIS STN 1' STN STN STN	ine 99AGS adder, 3 O	STN STN STN STN STN	20-807, \ ) Fold. Sl	/P 2423-233 ow Going Di 	35(3490 ifficult T Kms. Kms. Kms. Kms.	12.960 0.000 0.000 0.000			Total Kms	12.960
SURVEY Line No Line No Line No Line No Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	STN 1" STN STN	ine 99AGS adder, 3 O	STN STN STN	20-807, \ ) Fold. Sl	/P 2423-233 ow Going Di 	35(3490 ifficult T Kms. Kms. Kms.	12.960 0.000 0.000			Total KmsCum. Kms. (Job)	12.960 89.080
SURVEY Line No Line No Line No Line No Line No CHAINING	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN STN STN STN STN	ine 99AGS adder, 3 O	STN STN STN STN STN STN	20-807, \ 0 Fold. Slo 1650	/P 2423-233 ow Going Di 	35(3490 ifficult T Kms. Kms. Kms. Kms. Kms.	12.960 0.000 0.000 0.000 0.000				
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad	STN 11 STN	ine 99AGS adder, 3 O	STN STN STN STN STN	20-807, \ ) Fold. Sl	/P 2423-233 ow Going Di	35(3490 ifficult T Kms. Kms. Kms. Kms. Kms.	12.960 0.000 0.000 0.000 0.000				
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1: STN	ine 99AGS adder, 3 O	STN STN STN STN STN STN STN STN	20-807, \ 0 Fold. Slo 1650	/P 2423-233 ow Going Di  k k k k k	35(3490 ifficult T  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	12.960 0.000 0.000 0.000 12.960 0.000	-			
Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1: STN	ine 99AGS adder, 3 O	STN STN STN STN STN STN STN STN STN	20-807, \ 0 Fold. Slo 1650	/P 2423-233 ow Going Di	35(3490 ifficult T  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000	-		Cum. Kms. (Job)	89.080
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1: STN	ine 99AGS adder, 3 O	STN	20-807, \ 0 Fold. Slo 1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000	-		Cum. Kms. (Job)  Total Kms	12.960
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1: STN	974	STN	1650	/P 2423-233 ow Going Di	35(3490 ifficult T  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000	-		Cum. Kms. (Job)	89.080
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1' STN 1' STN 1' STN STN STN STN STN STN STN STN	974	STN	1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000			Cum. Kms. (Job)  Total Kms	12.960
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1' STN 1' STN 1' STN STN STN STN STN STN STN STN	974 COI	STN	1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000			Cum. Kms. (Job)  Total Kms	12.960
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1' STN 1' STN 1' STN 5TN STN	974 COI	STN	1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000			Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	12.960 89.080
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ad 99AGSY4	STN 1 STN STN.	974 COI	STN	1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.960 89.080
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ac 99AGSY4	STN 1: STN 5TN STN	974 974 COI	STN STN STN STN STN STN STN STN STN STN	1650 1650 S :	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	E) errain  12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.960 89.080 0.000 0.00
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ac 99AGSY4  99AGSY4  Dozer	STN 1 STN STN.	974 974 COI	STN STN STN STN STN STN STN STN STN STN	1650	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.960 89.080 0.000 0.000
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ac 99AGSY4  99AGSY4  Dozer Dozer	STN 1 STN STN.	974 974 000	STN	1650 1650 S :	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	E) errain  12.960 0.000 0.000 0.000 12.960 0.000 0.000 0.000 Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	12.960 89.080 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ac 99AGSY4  99AGSY4  Dozer Dozer Grader	STN 1: STN	974 974 000	STN STN STN STN STN STN STN STN STN STN STN	1650 S :	/P 2423-233 ow Going Di	ss(3490 ifficult T iff	E) errain  12.960 0.000 0.000 0.000 0.000  12.960 0.000 0.000 0.000 0.000 Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.960 89.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Vibe Blown Ac 99AGSY4  99AGSY4  Dozer Dozer Grader	STN 1: STN	974 974 000	STN STN STN STN STN STN STN STN STN STN STN	1650 S :	/P 2423-233 ow Going Di	S5(3490 ifficult T Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	E) errain  12.960 0.000 0.000 0.000 0.000  12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	12.960 89.080 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Tape: Reel # I Vibe Blown Ac  99AGSY4  99AGSY4  Dozer Dozer Grader Grader	STN 1' STN Line No	974  974  COI	STN STN STN STN STN STN STN STN STN STN STN	1650 S:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	/P 2423-233 ow Going Di	S5(3490 ifficult T	E) errain  12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#Holes	Total Kms	12.960 89.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No LINE CLEAR	Tape: Reel # I Tape: Reel # I Tape: Reel # I Vibe Blown Ac  99AGSY4  99AGSY4  Dozer Dozer Grader Grader # Mtr	STN 1' STN	974 974 000	STN STN STN STN STN STN STN STN STN STN STN	1650 S :	/P 2423-233 ow Going Di	S5(3490 ifficult T Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	E) errain  12.960 0.000 0.000 0.000 0.000  12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#Holes #Holes	Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	12.960 89.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line Rig No. 1 Rig No. 2	Tape: Reel # I Tape: Reel # I Tape: Reel # I Vibe Blown Ac  99AGSY4  99AGSY4  Dozer Dozer Grader Grader # Mtr # Mtr	L15099012, L L15099013, L L15099013, L Coumulator Bla  STN 1 STN Line No Line No ##	974  974  COI	STN STN STN STN STN STN STN STN STN STN	1650 S:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	/P 2423-233 ow Going Di	S5(3490 ifficult To Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	E) errain  12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.960 89.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No.	Tape: Reel # I Tape: Reel # I Tape: Reel # I Vibe Blown Ac  99AGSY4  99AGSY4  Dozer Dozer Grader Grader Grader # Mtr # Mtr	STN 1' STN	974 974 COI	STN	1650 S:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs	/P 2423-233 ow Going Di	S5(3490 ifficult To Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	E) errain  12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.960 89.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape: Reel # I Tape: Reel # I Tape: Reel # I Vibe Blown Ac  99AGSY4  99AGSY4  Dozer Dozer Grader Grader # Mtr # Mtr  0.0 0	L15099012, L L15099013, L L15099013, L Coumulator Bla  STN 1 STN Line No Line No ##	974  974  COI	STN	1650 S:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	/P 2423-233 ow Going Di	S5(3490 ifficult To Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	E) errain  12.960 0.000 0.000 0.000 0.000 12.960 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	12.960 89.080 0.000 0.000 0.000 0.000 0.000

	DAY 8						TERRA						
					DA.	LY PR	ODUCT	ION I	REPOR	<u>T</u>			
	CREW 205											DATE	. 24-Aug-9
	Client	ANSIR								Party	Manager.	BOB STEPHENSON	
	Survey Name.	YILGARN								-	Rep	ANDREW OWEN	
	Area	KALGOORLI	E PEGION	N							ner	FINE	
	State	WA	L INLUIO	•						******		1 1112	
	Otato	• • • • • • • • • • • • • • • • • • • •											
	RECORDING						Kms.		SKIPS		PROFILES		TOTALS
	Line No	99AGS-Y4	Rec	2334	Rec	2124	8.440		2		206	Profiles	206
	Line No		Rec		Rec							Skips	2
	Line No		Rec		Rec							Kms	8.440
	Line No		Rec		Rec							Cum Kms	62.880
	Line No		Rec		Rec							···	
	HOURS	Travel Time	:	2.00			Down Tim	ne - Vibe	s	0.00		Extra Charges	
		Test Time		0.25				Recorde	er	0.00		Extra vibe Hrs	0.00
•		Recording Time	(	6.50				Cables		0.00		Detours Charge Hrs	0.00
	Other Time	Line Change		0.00				ATU's		0.00		WashdownsHrs	0.00
		Recorder Mo		0.00				Detours	/Terr	0.00		Extra Other Charge	0.00
		Detours/Terr	ain. (	0.00				W / on S	Spread.	0.00		Total ExtraHrs	0.00
		Experimenta	l (	0.00				Stock D	_	0.00		Total Extra(Job).Hrs	0.00
		Other Charge	e (	0.00				Other		3.00		Processing Hrs	0.00
		Wait on Spre		0.00									
	·	Weather Tim		0.00									
		Stock Damag	•	0.00			Total Dov			3.00		Total DayHrs	12.00
		Safety Meeti	ng (	0.25			Cum. Dov	vn Time	(Job)	5.25		Total Hrs (Job)	96.00
	COMMENTS:	Tape: Reel #	L1509901	14, Line 99	AGS-Y4,F	F870-972,	VP 2334-2	2232(34	90E)				
		Tape: Reel #	L1509901	15, Line 99	AGS-Y4,F	F973-1075	, VP 2231	-2124(3	490E)				
		Reshoot 233	4-2273 Inc	correct Geo	ometry 3 h	ours.							
		Toolbox Mee	ting 0630-	0640 Clier	nt/Safety C	fficer/Line	Crew to Di	scusss	LineHazar	ds			
	SURVEY ·												
	Line No	99AGSY4	STN	1240	STN.	1650		Kms.	16.400				
	Line No		STN		STN			Kms.	0.000				
	Line No		STN		STN			Kms.	0.000				
	Line No		STN STN		STN STN			Kms. Kms.	0.000 0.000			Total Kms	16.400
	1											Total Kms	16.400 105.480
	Line No		STN		STN.		·····	Kms.	0.000				
	Line No Line No	99AGSY4	STN	1240	STN.		<del> </del>	Kms.	0.000				
	Line No Line No CHAINING	99AGSY4	STN STN STN	1240	STN STN STN	1650	<del></del>	Kms. Kms. Kms.	0.000 0.000 16.400				
	Line No Line No CHAINING Line No	99AGSY4	STN STN	1240	STN STN STN STN	1650		Kms. Kms.	0.000 0.000			Cum. Kms. (Job)	
	Line No  Line No  CHAINING  Line No  Line No	99AGSY4	STN STN STN STN STN	1240	STN STN STN STN STN STN	1650		Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000				
	Line No  CHAINING Line No  Line No  Line No	99AGSY4	STN STN STN STN		STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000			Cum. Kms. (Job)	105.480
	Line No  CHAINING Line No  Line No  Line No  Line No	99AGSY4	STN STN STN STN STN		STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Cum, Kms. (Job)	105.480
	Line No  CHAINING  Line No  Line No  Line No  Line No  Line No	99AGSY4	STN STN STN STN STN STN		STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Cum, Kms. (Job)	105.480
	Line No  CHAINING Line No  Line No  Line No  Line No  Line No  RANGING Line No  Line No  Line No	99AGSY4	STN STN STN STN STN STN		STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Cum, Kms. (Job)  Total Kms  Cum. Kms. (Job)	105.480
	Line No  CHAINING  Line No  Line No  Line No  Line No  RANGING  Line No  Line No  Line No  RANGING  Line No  Line No	99AGSY4	STN STN STN STN STN STN		STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Cum, Kms. (Job)	105.480
	Line No  CHAINING Line No  Line No  Line No  Line No  Line No  RANGING Line No  Line No  Line No	99AGSY4	STN STN STN STN STN STN STN		STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Cum, Kms. (Job)  Total Kms  Cum. Kms. (Job)	105.480 16.400 105.480
	Line No  CHAINING  Line No  Line No  Line No  Line No  RANGING  Line No  Line No  Line No  RANGING  Line No  Line No	99AGSY4	STN Line No	0.000	STN STN STN STN STN STN STN STN	1650		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	105.480 16.400 105.480 0.000
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	tw 1	STN Kms Kms Kms Kms Kms	0.000	STN STN STN STN STN STN STN STN	1650 TS:		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	16.400 105.480 0.000 0.00
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	Dozer	STN Line No	0.000	STN STN STN STN STN STN STN STN	1650 TS :		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	16.400 105.480 0.000 0.00 0.000
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	Dozer Dozer	STN Line No	0.000	STN STN STN STN STN STN STN STN	1650 TS: Kms. Cut. Kms. Cut.		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000 Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Cum. Kms. (Job)	16.400 105.480 0.000 0.00 0.000 0.000
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	Dozer Dozer Grader	STN STN STN STN STN STN STN STN STN Line No Line No Line No	0.000	STN STN STN STN STN STN STN STN	1650 TS:  Kms. Cut. Kms. Cut. Kms. Cut.		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)	16.400 105.480 0.000 0.00 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No	Dozer Dozer Grader	STN STN STN STN STN STN STN STN STN Line No Line No Line No	0.000	STN STN STN STN STN STN STN STN	1650 TS:  Kms. Cut. Kms. Cut. Kms. Cut.	 	Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#Holes	Total Kms. (Job)  Total Kms. (Job)	16.400 105.480 0.000 0.00 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line Rig No.	Dozer Dozer Grader Grader	STN STN STN STN STN STN STN STN STN Line No Line No Line No	0.000	STN STN STN STN STN STN STN STN	1650 TS:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	 	Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#Holes #Holes	Total Kms	16.400 105.480 0.000 0.00 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line Rig No.	Dozer Dozer Grader Grader	STN STN STN STN STN STN STN STN STN Line No Line No Line No	0.000  #Holes	STN STN STN STN STN STN STN STN	I650 TS:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs	 	Kms. Kms. Kms. Kms. Kms. Kms. UPHOLI	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.			Total Kms	16.400 105.480 0.000 0.00 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line Rig No.	Dozer Dozer Grader Grader Grader  1 # Mtr 2 # Mtr	STN STN STN STN STN STN STN STN Line No Line No Line No	0.000  #Holes	STN STN STN STN STN STN COMMEN	I650 TS:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs		Kms. Kms. Kms. Kms. Kms. Kms. UPHOLI Unit 1	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.			Total Kms	16.400 105.480 0.000 0.00 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line	Dozer Dozer Grader Grader  1 # Mtr 2 # Mtr	STN STN STN STN STN STN STN Kms Kms Kms Line No Line No Line No	#Holes	STN STN STN STN STN STN COMMEN	I650 TS:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs		Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOLI Unit 1 Unit 2	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	16.400 105.480 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No  Total # Mts	Dozer Dozer Grader Grader 1 # Mtr 2 # Mtr . 0.0	STN STN STN STN STN STN STN Kms Kms Kms Line No Line No Line No Line No	#Holes #Holes	STN STN STN STN STN STN COMMEN	I650 TS:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs		Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOLI Unit 1 Unit 2 Total # N	0.000 0.000 16.400 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	16.400 105.480 0.000 0.000 0.000 0.000 0.000

DAY 9	•			DA.	II.V PD	ODUC	TION	REPOR	T:			
CREW 205				<u>DA</u>	ILI IN	ODUC	HON	KEIOF	<u>, 1</u>		DATE	25-Aug-99
or .	ANOID								Dorty Mana		DOD OTERUSION	
Client	ANSIR								Party Mana	-	BOB STEPHENSON	
Survey Name.	YILGARN								Client Rep.		ANDREW OWEN	
Area	KALGOOR	LIE REGIO	ON						Weather		SHOWERS	
State	WA										•	
RECORDING						Kms.		SKIPS	PRO	FILES		TOTALS
Line No	99AGSY4	Rec	2123	Rec	1837	11.480		44	2	245	Profiles	245
Line No		Rec		Rec							Skips	44
Line No		Rec		Rec							Kms	11.480
Line No		Rec		Rec							Cum Kms	74.360
Line No		Rec		Rec								
HOURS	Travel Time		1.50			Down Tin	ne - Vibe	es	0.00		Extra Charges	
	Test Time		0.50				Recorde	er	0.00		Extra vibe Hrs	0.00
. 1	Recording Tim	e	7.75				Cables.		0.00		Detours Charge Hrs	0.00
Other Time	Line Chang		0.00				ATU's		0.00		WashdownsHrs	0.00
	Recorder M		1.50				Detours		0.00		Extra Other Charge	0.00
	Detours/Te		0.75	-1			W/on		0.00		Total ExtraHrs	0.00
	Experiment		0.00				Stock D	•	0.00		Total Extra(Job).Hrs	0.00
	Other Char		0.00						0.00		Processing Hrs	0.00
	Wait on Sp	-	0.00				Ju161		3.00		1 100cooning Fils	0.00
	Weather Ti		0.00									
	Stock Dam		0.00			Total Dov	m Time		0.00		Total Day Lies	12.00
	Stock Dain								5.25		Total DayHrs	12.00
	Safety Mee	tina	በ በበ			Cum Dov	um lima					
	•	L1509901 # L150990 # L150990	17,Line 99, 19,Line 99,	AGS-Y4,FF	1080-118	2,VP 2123	1905(34 3-2017(3	90E)/E150 490E)/E1	9908,Y4, VP		Total Hrs (Job) 124,FF808-1075 2335,FF617-807	108.00
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel	L1509901 # L150990 # L150990 æReel # L	8.Line 99A 17,Line 99, 19.Line 99,	AGS-Y4,FF AGS-Y4,FF STN	1080-118	3,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637) Kms.	90E)/E150 490E)/E1	9908,Y4, VP		124,FF808-1075	108.00
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc	L1509901 # L150990 # L150990 eReel # L' STN STN	8.Line 99A 17,Line 99, 19.Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN	F1080-118 F11286-13	3,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637) Kms. Kms.	90E)/E150 490E)/E150 (3490E) 8.800	9908,Y4, VP		124,FF808-1075	108.00
SURVEY Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc	L1509901 # L150990 # L150990 æReel # L' STN STN STN	8.Line 99A 17,Line 99, 19.Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN	F1080-118 F11286-13	3,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637) Kms. Kms. Kms.	90E)/E156 490E)/E13 (3490E) 8.800 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807	
SURVEY Line No Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc	L1509901 # L150990 # L150990 peReel # L STN STN STN STN	8.Line 99A 17,Line 99, 19.Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN STN	F1080-118 F11286-13	3,VP 2016- 32,VP 2123 324,VP 190	Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E13 (3490E) 8.800 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800
SURVEY Line No Line No Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc	L1509901 # L150990 # L150990 æReel # L' STN STN STN	8.Line 99A 17,Line 99, 19.Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN	F1080-118 F11286-13	3,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637) Kms. Kms. Kms.	90E)/E156 490E)/E13 (3490E) 8.800 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807	
SURVEY Line No Line No Line No Line No Line No CHAINING	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 ceReel # L STN STN STN STN	8,Line 99A 17,Line 99, 19,Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN	F1080-118 F11286-13	5,VP 2016- 32,VP 2123 324,VP 190	.1905(34 3-2017(3 04-1637( Kms. Kms. Kms. Kms.	90E)/E156 490E)/E13 (3490E) 8.800 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc	L1509901 # L150990 # L150990 # L150990 ceReel # L STN STN STN STN	8.Line 99A 17,Line 99, 19.Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN STN	F1080-118 F11286-13	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637( Kms. Kms. Kms. Kms. Kms.	90E)/E156 490E)/E13 (3490E) 8.800 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800
SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # Reel # L  STN STN STN STN STN STN	8,Line 99A 17,Line 99, 19,Line 99, 15099016.	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN	F1080-118 F11286-13	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 04-1637( Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E11( 3490E) 8.800 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # Reel # L  STN STN STN STN STN STN STN STN	8,Line 99A 17,Line 99, 19,Line 99, 15099016.	AGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS-Y4,FFAGS	F1080-118 F11286-13	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800 114.280
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # Reel # L  STN	8,Line 99A 17,Line 99, 19,Line 99, 15099016.	STN	F1080-118 F11286-13	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807  Total Kms	8.800 114.280 8.800
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # Reel # L  STN STN STN STN STN STN STN STN	8.Line 99A 17.Line 99A 19.Line 99A 15.099016. 1020	STN	1240 1240	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807 Total Kms	8.800 114.280
SURVEY Line No Line No Line No Line No CHAINING Line No RANGING	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 eReel # L'  STN	8.Line 99A 17.Line 99A 19.Line 99A 15.099016. 1020	STN	1240 1240	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807  Total Kms	8.800 114.280 8.800
SURVEY Line No RANGING Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 eReel # L'  STN	8.Line 99A 17.Line 99A 19.Line 99A 15.099016. 1020	STN	1240 1240	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		124,FF808-1075 2335,FF617-807  Total Kms	8.800 114.280 8.800
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # L150990 PEREEI # L  STN	8.Line 99A 17.Line 99A 19.Line 99A 15.099016. 1020	STN	1240 1240	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		Total Kms	8.800 114.280 8.800 114.280
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # L150990 EREel # L  STN Kms Kms Kms Kms	8.Line 99A 17.Line 99A 19.Line 99A 15.099016. 1020	STN	1240 1240	5,VP 2016- 32,VP 2123 324,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9908,Y4, VP		Total Kms	8.800 114.280 8.800 114.280
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4	L1509901 # L150990 # L150990 # L150990 # L150990 EREel # L  STN STN STN STN STN STN STN STN STN Kms Kms Kms Kms Kms	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240	5,VP 2016- 12,VP 2123 124,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	09908,Y4, VF		Total Kms	8.800 114.280 8.800 114.280 0.000 0.00
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc 99AGSY4	L1509901 # L1509901 # L150990 # L150990 # L150990 EREel # L  STN	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 Kms. Cut.	5,VP 2016- 12,VP 2123 124,VP 19C	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E11 (3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000	09908,Y4, VF		Total Kms	8.800 114.280 8.800 114.280 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc 99AGSY4  99AGSY4  Dozer Dozer	L1509901 # L1509901 # L150990 # L150990 # L150990 EREel # L'  STN  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 SS:	5,VP 2016- 12,VP 2123 124,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E11 (3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000	09908,Y4, VP		Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4  99AGSY4  Dozer Dozer Grader	L1509901 # L1509901 # L150990 # L150990 # L150990 EReel # L'  STN  Line No  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 S: Kms. Cut. Kms. Cut. Kms. Cut.	5,VP 2016- 12,VP 2123 124,VP 190	1905(34 3-2017(3 )4-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( (3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs.	09908,Y4, VP		Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Sourc 99AGSY4  99AGSY4  Dozer Dozer	L1509901 # L1509901 # L150990 # L150990 # L150990 EREel # L'  STN  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 SS:	5,VP 2016- 12,VP 2123 124,VP 190	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( (3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	09908,Y4, VP		Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000
SURVEY Line No Lin	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4  99AGSY4  Dozer Dozer Crader Grader	L1509901 # L1509901 # L150990 # L150990 # L150990 EReel # L'  STN  Line No  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 S: Kms. Cut. Kms. Cut. Kms. Cut.	5,VP 2016- 12,VP 2123 124,VP 19C	1905(34 3-2017(3 04-1637) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( 3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.	09908,Y4, VF	P2600-2	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4  99AGSY4  Dozer Dozer Crader Grader 1 # Mtr	L1509901 # L1509901 # L150990 # L150990 # L150990 EReel # L'  STN  Line No  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 S: Kms. Cut. Kms. Cut. Kms. Cut.	5,VP 2016- 12,VP 2123 124,VP 19C	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( (3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	9908,Y4, VF	P2600-2	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No L	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4  99AGSY4  Dozer Dozer Crader Grader	L1509901 # L1509901 # L150990 # L150990 # L150990 EReel # L'  STN  Line No  Line No  Line No	8.Line 99A 17.Line 99A 19.Line 99A 15099016. 1020 1020	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN	1240 1240 S: Kms. Cut. Kms. Cut. Kms. Cut.	5,VP 2016- 12,VP 2123 124,VP 19C	1905(34 3-2017(3 04-1637) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( 3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.	9908,Y4, VF	P2600-2	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Li	Tape: Reel Tape: Reel Tape: Reel Point Source 99AGSY4  99AGSY4  Dozer Dozer Grader Grader Grader 4 # Mtr # Mtr	L1509901 # L150990 # L150990 # L150990 # L150990 EREel # L'  STN Line No Line No Line No Line No	8.Line 99A 17.Line 99A 17.Line 99A 19.Line 99A 15099016.  1020  1020  0.000  #Holes #Holes	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN COMMENT	1240  1240  1240  SS:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Hrs.	5,VP 2016- 12,VP 2123 124,VP 19C	1905(34 3-2017(3 04-1637( Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E11( 3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	9908,Y4, VF 509907,Y4, V	Holes Holes	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source  99AGSY4  99AGSY4  Dozer Dozer Grader Grader Grader 1 # Mtr 0.0	L1509901 # L150990 # L150990 # L150990 # L150990 EREel # L'  STN STN STN STN STN STN STN STN STN Line No	8.Line 99A 17.Line 99A 17.Line 99A 19.Line 99A 15099016.  1020  1020  0.000  #Holes #Holes #Holes	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN COMMENT	1240 1240 1240 1240 1240 1440 158:	5,VP 2016- 12,VP 2123 124,VP 19C	1905(343-2017(304-1637)  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E15( 3490E)  8.800  0.000  0.000  0.000  0.000  0.000  Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.	####0	Holes Holes	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel Tape: Reel Tape: Reel Point Source  99AGSY4  99AGSY4  Dozer Dozer Grader Grader Grader 1 # Mtr 0.0 0	L1509901 # L1509901 # L150990 # L150990 # L150990 EREel # L'  STN  Cum # Mt  Cum Drille  Cum # Mt  Cum Drille	8.Line 99A 17.Line 99A 17.Line 99A 19.Line 99A 15099016.  1020  1020  0.000  #Holes #Holes	AGS-Y4,FF AGS-Y4,FF STN STN STN STN STN STN STN STN COMMENT	1240  1240  1240  SS:  Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut. Hrs.	5,VP 2016- 12,VP 2123 124,VP 19C	1905(343-2017(304-1637) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E15( 490E)/E15( 490E)/E11( 3490E) 8.800 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	######################################	Holes Holes	Total Kms	8.800 114.280 8.800 114.280 0.000 0.000 0.000 0.000 0.000

DAY 10			ı	Th A I	IIV DI		DEDOL	OT.			
CREW 205				<u>DA</u>	ILY Ph	RODUCTION	KEPUH	(1		DATE	26-Aug-99
											· ·
Client	ANSIR							Party Manager	BOB	STEPHENSON	
Survey Name.	YILGARN							Client Rep	AND	REW OWEN	
Area	KALGOORL	JE REGIO	N					Weather	SHO	WERS	
State	WA					-					
250020110							01(100	DD05#			
RECORDING	***	_	4000			Kms.	SKIPS	PROFILI	:5		TOTALS
Line No	99AGSY4	Rec	1836	Rec	1492	13.800	43	302		Profiles	302
Line No		Rec		Rec						Skips	43
Line No		Rec		Rec						Kms	13.800
Line No		Rec		Rec						Cum Kms	88.160
Line No		Rec		Rec							
HOURS T	ravel Time	1	.50			Down Time - Vib	es	0.00	Extra	Charges	
T	est Time	0	.25			Record	er	0.00	Extra	vibe Hrs	0.00
R	Recording Time	e 8	1.75			Cables		0.00		urs Charge Hrs	0.00
Other Time	Line Change		0.00					0.00		hdownsHrs	0.00
	Recorder M		.00				s/Terr	0.00		Other Charge	0.00
	Detours/Ter		.50				Spread.	0.00		ExtraHrs	0.00
	Experimenta		0.00				Damage	0.00		Extra(Job).Hrs	0.00
	Other Charg		0.00					0.00			
	Wait on Spr		.00			Ouler		0.00	P100	essing Hrs	0.00
	•										
	Weather Tin		0.00						*		
	Stock Dama	-	.00			Total Down Time		0.00		DayHrs	12.00
							e (Job)	5.25	Total	Hrs (Job)	120.00
	Tape: Reel I	_15099020 _15099021 _15099022	Line99AG,	S-Y4,FF1	428-1530	Cum. Down Time ; VP1836-1691(34 ; VP1690-1588(34 ; VP1587-1492(34	90E)/E1509 90E)			075-1324	
SURVEY	Tape: Reel I Tape: Reel I Tape: Reel I	_15099020 _15099021 _15099022	Line99AG Line99AG	S-Y4,FF1	428-1530	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34	90E)/E1509 90E)			075-1324	
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 Iakes	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34	90E)/E1509 90E) 90E)			075-1324	
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 Iakes STN	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1 STN	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34	90E)/E1509 90E) 90E)			075-1324	
SURVEY Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 lakes STN STN	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1 STN STN	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms.	90E)/E1509 90E) 90E) 21.600		-1837,FF1	075-1324 Kms	21.600
SURVEY Line No Line No Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 lakes STN STN STN	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1 STN STN STN	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) ) Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000		-1837,FF1		
SURVEY Line No Line No Line No Line No CHAINING	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 lakes STN STN STN	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1 STN STN STN STN	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) ) Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000		-1837,FF1	Kms	21.600
SURVEY Line No Line No Line No Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 lakes STN STN STN	Line99AG Line99AG Line99AG	SS-Y4,FF1 SS-Y4,FF1 STN STN STN STN	428-1530 531-1626	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) ) Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000		-1837,FF1	Kms	21.600
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt	L15099020 L15099021 L15099022 lakes STN STN STN STN STN	Line99AG Line99AG Line99AG 1180	STN STN STN STN STN STN STN	428-1530 531-1626 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) ) Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 0.000		-1837,FF1	Kms	21.600
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	S-Y4,FF1 S-Y4,FF1 STN STN STN STN STN STN	428-1530 531-1626 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 0.000		-1837,FF1	Kms	21.600
SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	STN	428-1530 531-1626 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000		Total	KmsKms. (Job)	21.600 135.880
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	STN	428-1530 531-1626 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000 0.000		Total Cum	Kms	21.600 135.880 21.600
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG  1180	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000		Total Cum	KmsKms. (Job)	21.600 135.880
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000 0.000		Total Cum	Kms	21.600 135.880 21.600
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG  1180	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000 0.000		Total Cum	Kms	21.600 135.880 21.600
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000 0.000		Total Cum.	Kms. (Job)  Kms. (Job)	21.600 135.880 21.600 135.880
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt		Line99AG Line99AG Line99AG 1180	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 21.600 0.000 0.000		Total Cum Total Cum	Kms. (Job)  Kms. (Job)  Kms. (Job)	21.600 135.880 21.600 135.880
SURVEY _ine Noine No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5	15099020 15099021 15099022 lakes STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN	.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 21.600 0.000 0.000 0.000	9909,Y4, VP2123	Total Cum Total Cum Total Cum	Kms. (Job)  Kms. (Job)	21.600 135.880 21.600 135.880 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5	15099020 15099021 15099022 lakes STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN	.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34 ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 21.600 0.000 0.000 0.000	9909,Y4, VP2123	Total Cum Total Cum Total Cum Total	Kms	21.600 135.880 21.600 135.880 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 ************************************	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  ) Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 21.600 0.000 0.000 0.000 Hrs.	9909,Y4, VP2123	Total Cum Total Cum Total Cum Total Cum	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 TS: Kms. Cut Kms. Cut Kms. Cut	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  ) Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 21.600 0.000 0.000 0.000 0.000	9909,Y4, VP2123	Total Cum Total Cum Total Cum Total Cum	Kms	21.600 135.880 21.600 135.880 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 ************************************	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  ) Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs.	9909,Y4, VP2123	Total Cum Total Cum Total Cum Total Cum	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 TS: Kms. Cut Kms. Cut Kms. Cut	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  )	90E)/E1509 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	9909,Y4, VP2123	Total Cum.  Total Cum.  Total Cum.  Total Cum.  Total Cum. Total Cum. Total	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Dozer Grader Grader		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 TS: Kms. Cut Kms. Cut Kms. Cut	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  ) Kms.	90E)/E1509 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs.	9909,Y4, VP2123	Total Cum.  Total Cum.  Total Cum.  Total Cum.  Total Cum. Total Cum. Total	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Dozer Grader Grader		.Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG .Line99AG	STN	428-1530 531-1626 1720 1720 'S: Kms. Cut Kms. Cut Kms. Cut	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  )	90E)/E1509 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	#Hol	Total Cum  Total Cum  Total Cum  Total Cum  Total Cum  Total Cum	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No Line No Line No Line No RANGING Line No Line No Line No Line No  CHAINING Line No Lin	Tape: Reel I Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader Grader # Mtr # Mtr		Line99AG Line99AG Line99AG Line99AG  1180  CO 0.000  #Holes #Holes	STN	428-1530 531-1626 1720 1720 'S: Kms. Cut Kms. Cut Kms. Cut Hrs	,VP1836-1691(34 ,VP1690-1588(34 ,VP1587-1492(34  ) Kms.  Ums.  Kms.  Kms.	90E)/E1509 90E) 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	#Hol	Total Cum.  Total Cum.  Total Cum.  Total Cum.  Total Cum.  Total Cum. Total Cum.	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader Grader # Mtr # Mtr		.Line99AG .Line9PAG .LinePAG .LineP	STN	428-1530 531-1626 1720 1720 1720 'S: Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	VP1836-1691(34 VP1690-1588(34 VP1587-1492(34  ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOL Unit 1 Unit 2 Total #	90E)/E1509 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.	#Hol	Total Cum.  Total	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel I Tape: Reel I Tape: Reel I Tape: Reel I Detours salt 99AGSY5  99AGSY5  Dozer Dozer Grader Grader # Mtr # Mtr 0.0 0		.Line99AG .Line9PAG .LinePAG .Li	STN	428-1530 531-1626 1720 1720 'S: Kms. Cut Kms. Cut Kms. Cut Hrs	VP1836-1691(34 VP1690-1588(34 VP1587-1492(34  ) Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOL Unit 1 Unit 2 Total #	90E)/E1509 90E) 90E) 21.600 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.	#Hol #Hol 0.00	Total Cum. Total	Kms	21.600 135.880 21.600 135.880 0.000 0.000 0.000 0.000 0.000

				DA	ILY PR	ODUC	TION	REPOR	T			
CREW 205							, , , , , , , , , , , , , , , , , , , ,				DATE	. 27-Aug-9
Slight	ANSIR								Darty N	Aanager.	DOD STEDUENSON	
Olient									-	-	BOB STEPHENSON	
Survey Name.	YILGARN	LIE DECIC	\N1							Rep er	ANDREW OWEN	
Area	KALGOOR	LIE REGIC	)N		100				vveau	ei	FINE	
State	WA							i i				
RECORDING						Kms.		SKIPS		PROFILES		TOTALS
ine No	99AGSY4	Rec	1491	Rec	1308	7.360		0		184	Profiles	184
ine No		Rec		Rec							Skips	0
ine No		Rec		Rec							Kms	7.360
ine No		Rec		Rec							Cum Kms	
											Culli Kills	95.520
ine No		Rec	4.50	Rec		D	\ Cb.		0.00			
	Travel Time		1.50			Down II	me - Vibe		0.00		Extra Charges	
	Test Time		0.50				Recorde		0.00		Extra vibe Hrs	0.00
	Recording Tim		6.50						0.00		Detours Charge Hrs	0.00
Other Time	Line Chang	je (	0.00				ATU's		0.00		WashdownsHrs	0.00
	Recorder M	flove	1.00				Detours	/Terr	0.00		Extra Other Charge	0.00
	Detours/Te	rrain. (	0.00				W / on S	Spread.	0.00		Total ExtraHrs	0.00
	Experiment	tal (	0.00				Stock D	amage	0.00		Total Extra(Job).Hrs	0.00
	Other Char		0.00				Other	-	0.00		Processing Hrs	0.00
	Wait on Sp	•	0.00				• •	****	-		· · · · · · · · · · · · · · ·	
	Weather Ti		0.00									
	Stock Dam		0.00			Total Do	wn Time.		0.00		Total DayHrs	11.50
		. •	2.00				own Time		5.25		' <del>-</del> '	
COMMENTS:	Safety Mee Tape: Reel			20.344.554	007.4740				3.23		Total Hrs (Job)	131.50
	Induction M	leeting 080	00 Ballart's		ce. Delays	S Due to H	lighway.	ĺ				
	Induction M Early Finish	feeting 080 n, Cable Ov	00 Bailart's ver Highway	Last Chan y Remove	ce. Delays d at 1730	S Due to H	Highway. quirement					
ine No	Induction M	feeting 080 n, Cable Ov STN	00 Ballart's	Last Chan y Remove STN	ce. Delays d at 1730 2270	S Due to H	Highway. quirement Kms.	16.400				
ine No	Induction M Early Finish	feeting 080 n, Cable Ov STN STN	00 Bailart's ver Highway	Last Chan y Remove STN STN	ce. Delays d at 1730 2270	S Due to H	Highway. quirement Kms. Kms.	16.400 0.000		·		
ine No ine No	Induction M Early Finish	fleeting 080 n, Cable Ov STN STN STN	00 Bailart's ver Highway	STN STN STN	ce. Delays d at 1730 2270	S Due to H	Highway quirement Kms. Kms. Kms.	16.400 0.000 0.000			Total Kma	16 400
Line No Line No Line No	Induction M Early Finish	Meeting 080 n, Cable Ov STN STN STN STN	00 Bailart's ver Highway	STN STN STN STN STN	ce. Delays d at 1730 2270	S Due to H	Highway quirement Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000			Total Kms	16.400
Line No Line No Line No Line No	Induction M Early Finish	fleeting 080 n, Cable Ov STN STN STN	00 Bailart's ver Highway	STN STN STN	ce. Delays d at 1730 2270	S Due to H	Highway quirement Kms. Kms. Kms.	16.400 0.000 0.000			Total KmsCum. Kms. (Job)	16.400 152.280
SURVEY Line No Line No Line No Line No Line No CHAINING	Induction M Early Finish 99AGSY2	STN STN STN STN STN STN	00 Ballart's ver Highway 1860	STN STN STN STN STN STN	ce. Delays d at 1730 2270	s Due to H	Highway quirement Kms. Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000 0.000				
Line No Line No Line No Line No Line No Line No CHAINING Line No	Induction M Early Finish	STN STN STN STN STN STN STN STN	00 Bailart's ver Highway	Last Chan y Remove STN STN STN STN STN STN	ce. Delays d at 1730 2270	s Due to H	Highway quirement Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000 0.000				
ine No ine No ine No ine No ine No CHAINING ine No	Induction M Early Finish 99AGSY2	STN STN STN STN STN STN STN STN STN	00 Ballart's ver Highway 1860	STN STN STN STN STN STN STN	ce. Delays d at 1730 2270	s Due to H	Highway. Hig	16.400 0.000 0.000 0.000 0.000 16.400 0.000				
ine No ine No ine No ine No ine No CHAINING ine No ine No	Induction M Early Finish 99AGSY2	Meeting 080 n, Cable Ov STN STN STN STN STN STN STN	00 Ballart's ver Highway 1860	STN	ce. Delays d at 1730 2270	s Due to H	Highway.  Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000			Cum. Kms. (Job)	152.280
ine No ine No ine No ine No ine No CHAINING ine No ine No	Induction M Early Finish 99AGSY2	Meeting 080  STN	00 Ballart's ver Highway 1860	STN	ce. Delays d at 1730 2270	s Due to H	Highway.  Kms.	16.400 0.000 0.000 0.000 0.000 0.000 16.400 0.000 0.000				
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ine Noine	Induction M Early Finish 99AGSY2	STN	00 Ballart's ver Highway 1860 1860 0.000	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270	s Due to h	Highway.  Kms.	16.400 0.000 0.000 0.000 0.000 0.000 16.400 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	16.400 152.280
Line No Line No Line No Line No Line No CHAINING	Induction M Early Finish 99AGSY2 99AGS	STN	00 Ballart's ver Highway 1860 1860 0.000	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270	s Due to h	Highway.  Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	16.400 152.280 0.000 0.00 0.000
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ine Noine	99AGSY2  99AGSY2  Dozer Dozer Grader	STN Line No	00 Ballart's ver Highway 1860 1860 0.000	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270  2270  Kms. Cut Kms. Cut Kms. Cut	s Due to h	Highway.  Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000 0.000			Total Kms(Job)	16.400 152.280 0.000 0.000 0.000 0.000 0.000
ine No	Induction M Early Finish 99AGSY2 99AGS	STN Line No	00 Ballart's ver Highway 1860 1860 0.000	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270  CS:  Kms. Cut Kms. Cut	s Due to h	Highway, quirement Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	16.400 152.280 0.000 0.000 0.000 0.000
ine No ine No ine No ine No CHAINING ine No	99AGSY2  99AGSY2  99AGS  Dozer Dozer Grader Grader	STN Line No	00 Ballart's ver Highway 1860 1860 0.000	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270 2270  CS:  Kms. Cut Kms. Cut Kms. Cut	s Due to h	Highway, quirement Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000 0.000		#Holos	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours	16.400 152.280 0.000 0.000 0.000 0.000 0.000
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Line No Lin	99AGSY2  99AGSY2  99AGS  Dozer Dozer Grader Grader	STN Line No	00 Ballart's   ver Highway   1860   1860   C	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270 2270  CS:  Kms. Cut Kms. Cut Kms. Cut	s Due to h	Highway, quirement Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000 0.000		#Holes #Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours	16.400 152.280 0.000 0.000 0.000 0.000 0.000
Line No  Line No  Line No  Line No  CHAINING  Line No  Line No  Line No  RANGING  Line No  Lin	Induction M Early Finish 99AGSY2  99AGSY2  99AGS  Dozer Dozer Grader Grader 4 # Mtr 2 # Mtr	Meeting 080 n, Cable Over STN Line No Line No	00 Ballart's   ver Highway   1860   1860   C	Last Chan y Remove  STN	ce. Delays d at 1730 2270 2270 2270  Signature:  Zerout Control  Zerout Contro	s Due to h	Lighway. Lig	16.400 0.000 0.000 0.000 0.000 16.400 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.			Total Kms	16.400 152.280 0.000 0.000 0.000 0.000 0.000
Line No  Line No  Line No  Line No  CHAINING  Line No	Induction M Early Finish 99AGSY2  99AGSY2  99AGS  Dozer Dozer Grader Grader 4 # Mtr 2 # Mtr	Meeting 080  STN	00 Ballart's ver Highway 1860 1860 0.000 #Holes	Last Chan y Remove  STN STN STN STN STN STN STN STN STN COMMENT	ce. Delays d at 1730 2270 2270 2270  TS:  Kms. Cut Kms. Cut Kms. Cut Hrs Hrs	s Due to h	UPHOLI Unit 1 Unit 2	16.400 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	16.400 152.280 0.000 0.000 0.000 0.000 0.000 0.000
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Client	ANSIR								Manager.	BOB STEPHENSON	
Survey Name.	YILGARN								Rep	ANDREW OWEN	
Area	KALGOORL	IE REGION						Weat	her	FINE	
State	WA										
RECORDING					Kms		SKIPS		PROFILES		TOTALS
Line No	99AGSY4	Rec. 130	00 Rec	1048	10.400		125		66	Profiles	102
Line No	99AGSY5	Rec 100		1070	2.800		0		36	Skips	125
Line No	33/10013	Rec	Rec	1070	2.000		•		00	Kms	13.200
										Cum Kms	
Line No		Rec	Rec							Cuili Kilis	108.720
Line No		Rec	Rec							- · · ·	
	Travel Time				Down T	ime - Vibe		0.00		Extra Charges	
	Test Time					Record		0.00		Extra vibe Hrs	0.00
	Recording Time							0.00		Detours Charge Hrs	0.00
Other Time	Line Change					ATU's		0.00		WashdownsHrs	0.00
	Recorder M	ove 0.00				Detours	/Terr	0.00		Extra Other Charge	0.00
	Detours/Ter	rain. 0.00				W / on	Spread.	0.00		Total ExtraHrs	0.00
	Experimenta	al 0.00				Stock E	amage	0.00		Total Extra(Job).Hrs	0.00
	Other Charg	je 0.00				Other		0.00		Processing Hrs	0.00
	Wait on Spr									•	
	Weather Tin										
	Stock Dama				Total D	own Time		0.00		Total DayHrs	11.50
		· ·						5.25		Total Hrs (Job)	143.00
COMMENTS:	Long Line C Toolbox Me		ow Load Vibes Discuss Safe	. Delays [ ety Issues	76,VP1300 Due to Min On Mines	ing Opera	00E)/E1509 tions, Blas	9910.Y	aul Rd.	94,FF1325-1626	140.00
SURVEY	Tape: Reel I Long Line C Toolbox Me Note: Kms C	L15099025,Line hange Time, Lo eting 0630-0640	ow Load Vibes Discuss Safe ast Receiver C	. Delays [ ety Issues In Line Y4	76,VP1300 Due to Mini On Mines	-1168(349 ing Opera	00E)/E1509 tions, Blas	9910.Y	aul Rd.		140.00
SURVEY Line No	Tape: Reel I Long Line C Toolbox Me	L15099025,Line hange Time, Lo eting 0630-0640 CalculatedTo La	ow Load Vibes Discuss Safe ast Receiver C	i. Delays ( ety Issues In Line Y4	76,VP1300 Due to Mini On Mines	i-1168(349 ing Opera ite. Early I	00E)/E1509 tions, Blas Finish All C	9910.Y	aul Rd.		140.00
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SURVEY Line No Line No Line No Line No Line No CHAINING	Tape: Reel I Long Line C Toolbox Mer Note: Kms C	_15099025,Line hange Time, Lo eting 0630-0640 CalculatedTo La STN 160 STN STN STN STN	ow Load Vibes Discuss Safe Ist Receiver C D STN STN STN STN STN	Delays [ ety Issues In Line Y4 I 18 I I I	76,VP1300 Due to Mini On Mines	-1168(349 ing Opera ite. Early I Kms. Kms. Kms. Kms. Kms.	10.800 0.000 10.000 0.000 0.000 0.000	9910.Y	aul Rd.	94,FF1325-1626	10.800
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SURVEY Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN	00 Load Vibes 0 Discuss Safi 1st Receiver C 00 STN	i. Delays II ety Issues III Line Y4 III 18 III III 18 II 18 III 18 II 18 III 18 II 18 III 18	76,VP1300 Due to Mini On Mines	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910.Y	aul Rd.	94,FF1325-1626  Total Kms	10.800 163.080
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN	00 Load Vibes 0 Discuss Safi 1st Receiver C 00 STN	i. Delays II ety Issues III Line Y4 III 18 III III 18 II 18 III 18 II 18 III 18 II 18 III 18	76,VP1300 Due to Mini On Mines	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910.Y	aul Rd.	Total Kms	10.800 163.080 10.800 163.080
SURVEY Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN	ow Load Vibes Discuss Safi Ist Receiver C D STN	Delays I styles I setyles	76,VP1300 Due to Mini On Mines	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	10.800 163.080 10.800 163.080
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN	ow Load Vibes Discuss Safi Ist Receiver C D STN	E. Delays II Ety Issues In Line Y4 II 186 III 186 III 187 III 187 III 188	76,VP1300 Due to Mini On Mines	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Met Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN STN.	ow Load Vibes Discuss Safi Ist Receiver C D STN	Expenses of the second	76,VP1300 Due to Mini On Mines 60	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La  STN 160 STN Line No	ow Load Vibes Discuss Safe STRECEIVER C DO STN	Expenses of the second	76,VP1300 Due to Mini On Mines 60	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader	LT5099025, Line hange Time, Loeting 0630-0640 CalculatedTo La  STN 160 STN Line No Line No	ow Load Vibes Discuss Safe STRECEIVER C DO STN	Expenses of the second	76,VP1300 Due to Minion On Mines 60 60	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader Grader	LT5099025, Line hange Time, Loeting 0630-0640 CalculatedTo La  STN 160 STN Line No Line No Line No Line No	ow Load Vibes Discuss Safe STRECEIVER C DO STN	Expenses of the second	76,VP1300 Due to Minion On Mines 60 60	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Mer Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader Grader # Mtr	LT5099025, Line hange Time, Loeting 0630-0640 CalculatedTo La  STN 160 STN	ow Load Vibes Discuss Safe STRECEIVER C DO STN	Expenses of the second	76,VP1300 Due to Minion On Mines 60 60	-1168(349) ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	aul Rd.	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel I Long Line C Toolbox Met Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader Grader # Mtr	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La STN 160 STN	ow Load Vibes Discuss Safi Ist Receiver C D O STN STN STN STN STN STN STN STN O O STN STN STN STN O O O O O O O O O O O O O O O O O O O	E. Delays I styles and Line Y4 styles and Line Y4 styles and Line Y4 styles and Line Y4 styles and Line Line Line Line Line Line Line Line	76,VP1300 Due to Minion On Mines 60 60	-1168(345 ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y.	#Holes	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No  DRILLING Rig No. 1 Rig No. 2	Tape: Reel I Long Line C Toolbox Met Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader Grader Grader # Mtr # Mtr 0.0	LT5099025, Line hange Time, Loeting 0630-0640 Calculated To La STN 160 STN	ow Load Vibes Discuss Safi Ist Receiver C D STN	E. Delays I ety Issues on Line Y4  I 18I  I	76,VP1300 Due to Minion On Mines 60 60	-1168(345 ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y. ting, Ha	#Holes #Holes	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel I Long Line C Toolbox Met Note: Kms C 99AGSY2  99AGSY2  Dozer Dozer Grader Grader Grader # Mtr # Mtr 0.0 0	LT5099025, Line hange Time, Lo eting 0630-0640 CalculatedTo La STN 160 STN	Discuss Safi Discuss Safi STR STN	E. Delays I styles and Line Y4 styles and Line Y4 styles and Line Y4 styles and Line Y4 styles and Line Line Line Line Line Line Line Line	76,VP1300 Due to Minion On Mines 60 60	-1168(348 ing Opera ite. Early I  Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms	10.800 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9910,Y. ting, Ha	#Holes	Total Kms	10.800 163.080 10.800 163.080 0.000 0.000 0.000 0.000 0.000

DAY 13				DA	ILY PR		ACOR TION	REPOF	T			
CREW 205				DA	1 I N	3000		ALL OI			DATE	29-Aug-9
Client Survey Name.	ANSIR YILGARN								Client	Manager.	BOB STEPHENSON ANDREW OWEN	
Area State	WA	LIE REGIOI	N						Weat	her	FINE	
RECORDING						Kms.		SKIPS		PROFILES		TOTALS
ine No	99AGSY5	Rec	1072	Rec	1440	14.800		3		182	Profiles	182
_ine No	307.33.0	Rec		Rec				•			Skips	3
ine No		Rec		Rec							Kms	14.800
ine No	•	Rec		Rec							Cum Kms	123.520
Line No		Rec		Rec							<b>5</b> 4	.20.020
	Travel Time		.00	1100	<del></del>	Down Ti	ne - Vibe	es	0.00	<del></del>	Extra Charges	
	Test Time		).50			D01111 711	Record		0.00		Extra vibe Hrs	0.00
	Recording Tim		3.50 3.50						0.00		Detours Charge Hrs	0.00
Other Time	Line Chang		0.00				ATU's		0.00		WashdownsHrs	0.00
Salet tillie	Recorder M		.00				Detours		0.00		Extra Other Charge	0.00
	Detours/Te		0.00				W/on		0.00		Total ExtraHrs	0.00
	Experiment		0.00				Stock D	•	0.00		Total Extra(Job).Hrs	0.00
•	Other Char		0.00				Other	-	0.00		Processing Hrs	0.00
	Wait on Spi	• .	0.00				Outlet	•••••	0.00		Frocessing Firs	0.00
	Weather Ti		0.00									
	Stock Dama		0.00			Total Do	un Timo		0.00		Total DayHrs	11.50
		-	).50 ).50			Cum. Do			5.25		Total Hrs (Job)	154.50
	Safety Mee			20 V5 FF4	077.4004					4 VD1401 12		134.30
COMMENTS:	E1509913,	L15099027 Y5, VP1000	,Line99A0 )-1440,FF1	SS-Y4,FF1 877-2094	995-2094,						68,FF1811-1876	
SURVEY	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 877-2094 Pressure	995-2094, Valve	VP1240-	1440(349	POE)/E1509				
SURVEY Line No	Tape: Reel E1509913,	L15099027 Y5, VP1000	,Line99A0 )-1440,FF1	SS-Y4,FF1 877-2094	995-2094,	VP1240-						
SURVEY Line No	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \ STN	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 1877-2094 1 Pressure STN	995-2094, Valve	VP1240-	1440(349 Kms.	17.520				
SURVEY Line No Line No	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \ STN STN STN	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN	995-2094, Valve	VP1240-	Kms. Kms.	17.520 0.000				17.520
SURVEY Line No Line No Line No	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \ STN STN STN STN	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN STN	995-2094, Valve	VP1240-	Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000			68,FF1811-1876	
SURVEY Line No Line No Line No Line No	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \ STN STN STN	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN	995-2094, Valve	VP1240-	Kms. Kms. Kms.	17.520 0.000 0.000			68,FF1811-1876	17.520 180.600
SURVEY Line No Line No Line No Line No Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN STN STN STN STN	7,Line99A0 J-1440,FF1 Vibe Blown 1162	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN STN	995-2094, Valve 1600	VP1240-	Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000			68,FF1811-1876	
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel E1509913,` Safety Mee	L15099027 Y5, VP1000 ting 0630. \ STN STN STN STN STN STN	/,Line99A0 )-1440,FF1 √ibe Blowr	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN STN	995-2094, Valve	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520			68,FF1811-1876	
SURVEY Line No Line No Line No Line No CHAINING Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN STN STN STN STN STN STN STN	7,Line99A0 J-1440,FF1 Vibe Blown 1162	SS-Y4,FF1 877-2094 Pressure STN STN STN STN STN STN	995-2094, Valve 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000			68,FF1811-1876	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. V STN	7,Line99A0 J-1440,FF1 Vibe Blown 1162	SS-Y4,FF1 877-2094 Pressure STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000			68,FF1811-1876  Total Kms  Cum. Kms. (Job)	180.600
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. V STN	7,Line99A0 J-1440,FF1 Vibe Blown 1162	STN	995-2094, Valve 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000			Total Kms	180.600 17.520
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. V STN	1,Line99AC 0-1440,FF1 Vibe Blown 1162 1162	SS-Y4,FF1 877-2094 Pressure STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000			68,FF1811-1876  Total Kms  Cum. Kms. (Job)	180.600
SURVEY Line No RANGING	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1,Line99AC 0-1440,FF1 Vibe Blown 1162 1162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000			Total Kms	180.600 17.520
SURVEY Line No RANGING Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1,Line99AC 0-1440,FF1 Vibe Blown 1162 1162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000			Total Kms	180.600 17.520
SURVEY Line No RANGING Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1,Line99AC 0-1440,FF1 Vibe Blown 1162 1162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000			Total Kms	180.600 17.520 180.600
SURVEY Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1,Line99AC 0-1440,FF1 Vibe Blown 1162 1162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000			Total Kms	17.520 180.600
SURVEY Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1, Line99AC 1, Line99AC 1, Line99AC 1162 1162 1162 0,000	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600 0.000 0.00
SURVEY Line No	Tape: Reel E1509913,` Safety Mee 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1.Line99AC 0-1440,FF1 /ibe Blown 1162 1162 0.000	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600
SURVEY Line No	Tape: Reel E1509913,\ Safety Mee 99AGSY2 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN	1.Line99AC 0-1440,FF1 /ibe Blown 1162 1162 0.000	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve 1600 1600 TS:	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600 0.000 0.000 0.000 0.000
SURVEY ine No	Tape: Reel E1509913,` Safety Mee 99AGSY2 99AGSY2 Dozer Dozer Grader	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No	1.162 1.162 1.162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  S: Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel E1509913,\ Safety Mee 99AGSY2 99AGSY2	L15099027 Y5, VP1000 ting 0630. \ STN Line No	1.162 1.162 1.162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  'S:	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No Li	Tape: Reel E1509913,' Safety Mee 99AGSY2 99AGSY2 Dozer Dozer Grader Grader	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No	1.162 1.162 1.162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  'S:  Kms. Cut. Kms. Cut. Kms. Cut.	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000 0.000	9912,Y	4, VP1300-11	Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line N	Tape: Reel E1509913,` Safety Mee 99AGSY2 99AGSY2 Dozer Dozer Grader	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No	1.162 1.162 1.162	SS-Y4,FF1 877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  S: Kms. Cut. Kms. Cut. Kms. Cut. Kms. Cut.	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000	9912,Y		Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line	Tape: Reel E1509913, Safety Mee 99AGSY2  99AGSY2  Dozer Dozer Grader Grader 4 Mtr 2 # Mtr	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No Line No Line No	1. Line99AC 1. Li	SS-Y4,FF1 877-2094 Pressure STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  S:S:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.	9912,Y	#Holes #Holes	Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape: Reel E1509913, Safety Mee 99AGSY2  99AGSY2  Dozer Dozer Grader Grader 4 Mtr 2 # Mtr 0.0	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No Line No Line No Line No Line No	#Holes #Holes (Job)	SS-Y4,FF1 1877-2094 1 Pressure STN STN STN STN STN STN STN STN STN STN STN	995-2094, Valve  1600  1600  S::  Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 17.520 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.	9912,Y	#Holes #Holes 0.00	Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000
-	Tape: Reel E1509913, Safety Mee 99AGSY2  99AGSY2  Dozer Dozer Grader Grader 4 Mtr 2 # Mtr 0.0 0	L15099027 Y5, VP1000 ting 0630. \ STN Line No Line No Line No Line No	#Holes #Holes (Job)d (Job)	SS-Y4,FF1 877-2094 Pressure STN	995-2094, Valve  1600  1600  S:S:  Kms. Cut. Kms. Cut. Kms. Cut. Hrs. Hrs	VP1240-	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	17.520 0.000 0.000 0.000 17.520 0.000 0.000 0.000 0.000 0.000 0.000 0.000	9912,Y	#Holes #Holes	Total Kms	17.520 180.600 0.000 0.000 0.000 0.000 0.000 0.000

	DAY 14				D.4.3	II W DD		ACOR		or.			
	CREW 205				DA.	ILY PR	Орос	HON	REPOR	(1	·	DATE	30-Aug-
	<u>.</u>									<b>.</b>		BOD 0750115115	
	Client	ANSIR								•	Manager.	BOB STEPHENSON	
•	Survey Name.	YILGARN									Rep	ANDREW OWEN	
	Area	KALGOOR	LIE REGIO	NC						weath	ner	FINE	
	State	WA											
	RECORDING						Kms.		SKIPS		PROFILES		TOTALS
	Line No	99AGCY5	Rec	1442	Rec	1720	11.200		2		138	Profiles	190
	Line No		Rec	2270	Rec	2168	4.080		0		52	Skips	2
	Line No		Rec		Rec				•			Kms	15.280
	Line No		Rec		Rec							Cum Kms	138.800
	Line No		Rec		Rec						, esc.	Cum Kins	
	HOURS	Travel Time		1.00			Down Tir	me - Vibe	es	0.50		Extra Charges	
		Test Time		0.50				Record	er	0.00		Extra vibe Hrs	0.00
		Recording Tim		7.50				Cables.		0.00		Detours Charge Hrs	0.00
	Other Time	Line Chang		2.50				ATU's		0.00		WashdownsHrs	0.00
		Recorder M		0.00				Detours		0.00		Extra Other Charge	0.00
		Detours/Te		0.00				W / on s		0.00		Total ExtraHrs	0.00
	1	Experiment		0.00				Stock D	•	0.00		Total Extra(Job).Hrs	0.00
				0.00					amaye	0.00		, ,	
		Other Char	-					Julei		0.00		Processing Hrs	0.00
		Wait on Sp		0.00									
		Weather Ti		0.00			Takel C	T:		0.50		T-t-I D	40.00
		Stock Dama	-	0.00			Total Do			0.50		Total DayHrs	12.00
		Safety Mee		0.00			Cum. Do			5.75		Total Hrs (Job)	166.50
	COMMENTS:	Tape: Reel Tape: Reel Vibe Blown	L1509902										
	SURVEY												<u></u>
	Line No	99AGSY2	STN	1162	STN	1050		Kms.	4.480				
	Line No		STN		STN			Kms.	0.000				
	Line No		STN		STN			Kms.	0.000				
			STN		STN			Kms.	0.000			Total Kms	4.480
	II ine No		•						0.000				185.080
	Line No		STN		STN			Kms				Cum Kms (loh)	
	Line No		STN		STN			Kms.	0.000		······	Cum. Kms. (Job)	
	Line No CHAINING	0046873		1162		1050						Cum. Kms. (Job)	
	Line No CHAINING Line No	99AGSY2	STN	1162	STN	1050		Kms.	4.480			Cum. Kms. (Job)	
	Line No CHAINING Line No	99AGSY2	STN STN	1162	STN STN	1050		Kms.	4.480 0.000			Cum. Kms. (Job)	
	Line No CHAINING Line No Line No	99AGSY2	STN STN STN	1162	STN STN STN	1050		Kms. Kms. Kms.	4.480 0.000 0.000				
	Line No  CHAINING Line No Line No Line No	99AGSY2	STN STN STN STN	1162	STN STN STN	1050		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total Kms	4.480
	Line No  CHAINING Line No  Line No  Line No  Line No  Line No	99AGSY2	STN STN STN		STN STN STN STN			Kms. Kms. Kms.	4.480 0.000 0.000				4.480
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING	99AGSY2	STN STN STN STN		STN STN STN			Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total Kms	
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	99AGSY2	STN STN STN STN STN		STN STN STN STN			Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total Kms	4.480
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING	99AGSY2	STN STN STN STN		STN STN STN STN			Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total Kms	4.480
	Line No  CHAINING Line No  Line No  Line No  Line No  RANGING Line No	99AGSY2	STN STN STN STN Kms Kms Kms		STN STN STN STN			Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total KmsCum. Kms. (Job)	4.480
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line No	99AGSY2	STN STN STN STN STN		STN STN STN STN COMMENT	-S:		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total Kms Cum. Kms. (Job)	<b>4</b> .480 185.080
	Line No  CHAINING Line No Line No Line No Line No Line No RANGING Line No Line No Line No Line No Line No Line No	99AGSY2	STN STN STN STN Kms Kms Kms	0.000	STN STN STN STN COMMENT			Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000			Total KmsCum. Kms. (Job)	4.480 185.080
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No		STN STN STN STN STN Kms Kms Kms	0.000	STN STN STN STN STN	-S:		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000			Total KmsCum. Kms. (Job)  Total Kms	4.480 185.080 0.000 0.00
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No	Dozer	STN STN STN STN STN Kms Kms Kms Kms Kms	0.000	STN STN STN STN STN COMMENT	S:		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms	4.480 185.080 0.000 0.00 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No	Dozer Dozer	STN STN STN STN STN Kms Kms Kms Kms Line No	0.000	STN STN STN STN STN	Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	4.480 185.080 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No	Dozer Dozer Grader	STN STN STN STN STN Kms Kms Kms Kms Line No Line No	0.000	STN STN STN STN STN	Kms. Cut Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.			Total Kms	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No RANGING Line No Line No Line No Line No Line No Line CLEAR	Dozer Dozer Grader	STN STN STN STN STN Kms Kms Kms Kms Line No Line No	0.000	STN STN STN STN STN	Kms. Cut Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#Holes	Total Kms	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No  RANGING Line No Line No Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  Line No  DRILLING  Rig No.	Dozer Dozer Grader Grader	STN STN STN STN STN Kms Kms Kms Kms Line No Line No	0.000	STN STN STN STN STN	Kms. Cut Kms. Cut Kms. Cut Kms. Cut		Kms. Kms. Kms. Kms. Kms.	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	<u>.</u>	#Holes #Holes	Total Kms	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No RANGING Line No Li	Dozer Dozer Grader Grader 1 #Mtr 2 #Mtr	STN STN STN STN Kms Kms Kms Line No Line No Line No	0.000 0.000 #Holes	STN STN STN STN STN	Kms. Cut Kms. Cut Kms. Cut Kms. Cut Hrs		Kms. Kms. Kms. Kms. UPHOL Unit 1	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.			Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Hours  Total Hrs (Job)  # Hrs # Hrs	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No RANGING Line No Line CLEAR  DRILLING Rig No. Rig No. Total # Mts	Dozer Dozer Grader Grader 1 #Mtr 2 #Mtr	STN STN STN STN Kms Kms Kms Line No Line No Line No Cum # M	#Holes #Holes	STN STN STN STN STN COMMENT	Kms. Cut Kms. Cut Kms. Cut Kms. Cut Hrs Hrs		Kms. Kms. Kms. Kms. UPHOL Unit 1 Unit 2	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Kms(Job)  Total Hours  Total Hrs (Job)  # Hrs # Hrs # Hrs	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No Line No RANGING Line No Line CLEAR  DRILLING Rig No. Rig No. Total # Mts Total Drilled	Dozer Dozer Grader Grader 1 #Mtr 2 #Mtr . 0.0	STN STN STN STN Kms Kms Kms Line No Line No Line No Cum # M Cum Drill	#Holes #Holes	STN STN STN STN STN COMMENT	Kms. Cut Kms. Cut Kms. Cut Kms. Cut Hrs Hrs		Kms. Kms. Kms. Kms. Kms.  Kms.  Total #1  Total Lo	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Wtr		#Holes 0.00 0	Total Kms	4.480 185.080 0.000 0.000 0.000 0.000 0.000
	Line No  CHAINING Line No Line No Line No RANGING Line No Line CLEAR  DRILLING Rig No. Rig No. Total # Mts	Dozer Dozer Grader Grader 1 #Mtr 2 #Mtr . 0.0	STN STN STN STN Kms Kms Kms Line No Line No Line No Cum # M Cum Drill	#Holes #Holes	STN STN STN STN STN COMMENT	Kms. Cut Kms. Cut Kms. Cut Kms. Cut Hrs Hrs		Kms. Kms. Kms. Kms. Kms.  Kms.  Total #1  Total Lo	4.480 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Kms(Job)  Total Hours  Total Hrs (Job)  # Hrs # Hrs # Hrs	4.480 185.080 0.000 0.000 0.000 0.000 0.000

DAY 15				_			ACOR					•
				DA	ILY PI	RODUC	TION	REPOR	<u>T</u>		<del></del>	
CREW 205											DATE	3
0114	ANICID								Do.th.	Managar	POR STERUENSON	
Client	ANSIR								•	Manager.	BOB STEPHENSON	
Survey Name.	YILGARN									t Rep	ANDREW OWEN	
Area	KALGOOR	LIE REGIO	ON						Weat	her	FINE	
State	WA											
RECORDING						Kms.		SKIPS		PROFILES		7
Line No	99AGSY2	Rec	2166	Rec	1698	18.800		5 .		228	Profiles	:
Line No	•	Rec		Rec							Skips	
Line No		Rec		Rec							Kms	
Line No		Rec		Rec							Cum Kms	
Line No		Rec		Rec							Odin Mila	
HOURS	Travel Time		1.00			Down Ti	me - Vibe	es	0.50		Extra Charges	
	Test Time		0.50				Record	er			Extra vibe Hrs	C
	Recording Tim		10.00								Detours Charge Hrs	c
Other Time	Line Chang		. 3.00								WashdownsHrs	
Outer time	-											.0
	Recorder N						Detours				Extra Other Charge	(
	Detours/Te							Spread.			Total ExtraHrs	C
	Experimen						Stock D				Total Extra(Job).Hrs	0
	Other Char	ge					Other				Processing Hrs	0
	Wait on Sp	read.										
	Weather Ti	me										
	Stock Dam	age				Total Do	wn Time		0.50		Total DayHrs	1
	Safety Mee	-					own Time		6.25		Total Hrs (Job)	1
COMMENTS:	Tape : Ree						•					
	Tape : Ree Tape : Ree Tape : Ree	I L 150990	31,Line 99	AGS-Y2,F	F2348-24	50(3490E	)					
SURVEY	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F	F2348-24 F2451-25	50(3490E 12(3490E	) )					-
SURVEY	Tape : Ree Tape : Ree Tape : Ree	I L 150990 I L 150990 own hose STN	31,Line 99	AGS-Y2,F AGS-Y2,F	F2348-24 F2451-25	50(3490E 12(3490E	Kms.	14.800			<u>.</u>	- -
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25	50(3490E 12(3490E	Kms.	0.000			·	
SURVEY Line No Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose STN STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN STN	F2348-24 F2451-25	50(3490E 12(3490E	Kms. Kms. Kms.	0.000 0.000				
SURVEY	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN STN STN	F2348-24 F2451-25	50(3490E 12(3490E	Kms.	0.000			Total Kms	
SURVEY Line No Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose STN STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN STN	F2348-24 F2451-25	50(3490E 12(3490E	Kms. Kms. Kms.	0.000 0.000			Total Kms	
SURVEY Line No Line No Line No Line No Line No CHAINING	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose  STN STN STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN STN STN	F2348-24 F2451-25	50(3490E 12(3490E	Kms. Kms. Kms. Kms.	0.000 0.000 0.000				
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bi	I L 150990 I L 150990 own hose STN STN STN STN STN STN	31,Line 99. 32,Line 99.	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN	F2348-24 F2451-25 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000				
SURVEY Line No Line No Line No Line No Line No CHAINING	Tape : Ree Tape : Ree Tape : Ree Vibe bl	I L 150990 I L 150990 own hose STN STN STN STN STN STN STN	31,Line 99. 32,Line 99. 1880	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN STN	F2348-24 F2451-25 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000				
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	I L 150990 I L 150990 own hose STN STN STN STN STN STN	31,Line 99. 32,Line 99. 1880	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN	F2348-24 F2451-25 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000	-			
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	I L 150990 I L 150990 own hose STN STN STN STN STN STN STN	31,Line 99. 32,Line 99. 1880	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN STN	F2348-24 F2451-25 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000				1
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99. 32,Line 99. 1880	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN	F2348-24 F2451-25 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000	-		Cum. Kms. (Job)	1
SURVEY Line No Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN STN STN STN	F2348-24 F2451-25 151(	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000	-		Cum, Kms. (Job)	1
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 151(	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000			Cum, Kms. (Job)	1
SURVEY Line No RANGING	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 151(	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000			Cum, Kms. (Job)	1
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 151(	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000			Cum, Kms. (Job)	1 1
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 151(	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	1 1
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl 99AGSY3	IL 150990 IL 150990 own hose  STN Kms Kms Kms Kms Kms	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	1 1 0 0 0
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl 99AGSY3	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS:	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	1 1 0 0 0 0
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bl 99AGSY3	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS:	50(3490E 12(3490E	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Cum. Kms. (Job)	1-11
SURVEY Line No	Tape : Ree Tape : Ree Tape : Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader	IL 150990 IL 150990 own hose  STN Line No Line No Line No	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS:	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	1 1 1 0 0 0 0
SURVEY Line No L	Tape : Ree Tape : Ree Tape : Ree Vibe bl 99AGSY3	IL 150990 IL 150990 own hose  STN	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS:	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs.			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)  Cum. Kms. (Job)	1 1 1 1 0 0 0 0 0
SURVEY Line No Li	Tape : Ree Tape : Ree Tape : Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader Grader	IL 150990 IL 150990 own hose  STN Line No Line No Line No	31,Line 99 32,Line 99 1880 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS: Kms. Cu Kms. Cu Kms. Cu	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.		#11-1-	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours	1 1 1 1 0 0 0 0 0
SURVEY Line No Li	Tape: Ree Tape: Ree Tape: Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader Grader 4 # Mtr	IL 150990 IL 150990 own hose  STN Line No Line No Line No	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS: Kms. Cu Kms. Cu Kms. Cu	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	·	#Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours  # Hrs	1-11
SURVEY Line No L	Tape : Ree Tape : Ree Tape : Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader Grader	IL 150990 IL 150990 own hose  STN Line No Line No Line No	31,Line 99 32,Line 99 1880 1880	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS: Kms. Cu Kms. Cu Kms. Cu	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	·	#Holes #Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours	1 1 1 1 0 0 0 0 0
SURVEY Line No Li	Tape: Ree Tape: Ree Tape: Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader Grader 4 # Mtr 4 # Mtr	IL 150990 IL 150990 own hose  STN STN STN STN STN STN STN STN STN Line No Line No Line No	31,Line 99 32,Line 99 1880 1880 0.000	AGS-Y2,F AGS-Y2,F STN STN STN STN STN STN STN STN STN COMMEN	F2348-24 F2451-25 1510 1510 TS: Kms. Cu Kms. Cu Kms. Cu	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs.	•		Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours  # Hrs	1 1 0 0 0 0 0 0 0 0 0 0 0
SURVEY Line No	Tape: Ree Tape: Ree Tape: Ree Vibe bi 99AGSY3  99AGSY3  Dozer Dozer Grader Grader 4 # Mtr 4 # Mtr	IL 150990 IL 150990 own hose  STN STN STN STN STN STN STN STN STN Line No	31,Line 99 32,Line 99 1880  1880  0.000  #Holes #Holes	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25  1510  1510  TS:  Kms. Cu Kms. Cu Kms. Cu Hrs. Hrs	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hrs (Job)  # Hrs # Hrs	11 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SURVEY Line No	Tape: Ree Tape: Ree Tape: Ree Tape: Ree Vibe bi  99AGSY3  99AGSY3  Dozer Dozer Grader Grader 1 #Mtr 2 #Mtr 0.0 0	IL 150990 IL 150990 own hose  STN Line No	31,Line 99 32,Line 99 1880 1880 0.000 #Holes	AGS-Y2,F AGS-Y2,F STN	F2348-24 F2451-25 1510 1510 TS:  Kms. Cu Kms. Cu Kms. Cu Hrs Hrs	50(3490E 12(3490E )	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 14.800 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs.		#Holes	Total Kms	1 1 1 0 0 0 0 0

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CREW 205									DATE	. 1-Sep-9
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Olient	ANSIR							Party Manager.	BOB STEPHENSON	
Survey Name.	YILGARN							Client Rep	ANDREW OWEN	
\rea		LIE REGION						Weather	FINE	
State	WA									
RECORDING		·			K	ms.	SKIPS	PROFILES	<del></del>	TOTALS
ine No	99AGSY2	Rec 16	696	Rec 1		720	124	118	Profiles	118
	33AGG12	Rec	030	Rec	330 14.	720	127	110		
ine No									Skips	124
ine No		Rec		Rec					Kms	14.720
ine No		Rec		Rec					Cum Kms	172.320
ine No		Rec		Rec						
	ravel Time				Dow	n Time - Vibe			Extra Charges	
. 7	Test Time	0.50	כ				er		Extra vibe Hrs	0.00
F	Recording Tim	e 6.00	כ			Cables.			Detours Charge Hrs	0.00
ther Time	Line Chang	e 3.00	כ	•		ATU's			WashdownsHrs	0.00
	Recorder M	love				Detours	/Тегг		Extra Other Charge	0.00
	Detours/Te	rain.				W / on	Spread.		Total ExtraHrs	0.00
	Experiment					Stock D	•		Total Extra(Job).Hrs	0.00
	Other Chan								Processing Hrs	0.00
	Wait on Sp	•	1			34107				
	Weather Ti		,							
					<b>T</b> -4-	Ti		0.00	Total Day 11	40.00
	Stock Dam	•				al Down Time		0.00	Total DayHrs	12.00
	Safety Mee	ting			Cun	n. Down Time		6.25	Total Hrs (Job)	190.50
	Tape:Reel I Tape:Reel I	_15099033,Lin _15099034,Lin S-Y2 stopped a	ne99AGS	-Y2,FF261	6-2630,VP14	84-1450(349	0E)	d move to Line99AG	:S-Y3	
SURVEY	Tape:Reel I Tape:Reel I	.15099034,Lin S-Y2 stopped a STN 12	ne99AGS	-Y2,FF261 50,Spread STN	6-2630,VP14	84-1450(349 1330.Pick up Kms.	0E) spread an	d move to Line99AG	SS-Y3	
SURVEY .ine No	Tape:Reel I Tape:Reel I Line 99AGS	STN 12	ne99AGS at Stn 148	-Y2,FF261 50,Spread STN STN	6-2630,VP14 layed to Stn	.84-1450(349 1330.Pick up Kms. Kms.	0E) spread an 11.200 0.000	d move to Line99AG	SS-Y3	
SURVEY ine Noine Noine No	Tape:Reel I Tape:Reel I Line 99AGS	.15099034,Lin 6-Y2 stopped a STN 12 STN STN	ne99AGS at Stn 148	STN STN	6-2630,VP14 layed to Stn	.84-1450(349 1330.Pick up Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000	d move to Line99AG		
SURVEY ine No ine No ine No	Tape:Reel I Tape:Reel I Line 99AGS	STN 12 STN 12 STN 5TN 5TN	ne99AGS at Stn 148	STN STN STN STN	6-2630,VP14 layed to Stn	.84-1450(349 1330.Pick up Kms. Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000	d move to Line99AG	Total Ķms	
CURVEY ine No ine No ine No ine No	Tape:Reel I Tape:Reel I Line 99AGS	.15099034,Lin 6-Y2 stopped a STN 12 STN STN	ne99AGS at Stn 148	STN STN	6-2630,VP14 layed to Stn	.84-1450(349 1330.Pick up Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000	d move to Line99AG		
SURVEY ine No ine No ine No ine No ine No	Tape:Reel I Tape:Reel I Line 99AGS	STN 12 STN 12 STN 5TN 5TN	ne99AGS at Stn 148	STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510	.84-1450(349 1330.Pick up Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000	d move to Line99AG	Total Ķms	
SURVEY ine No ine No ine No ine No ine No	Tape:Reel I Tape:Reel I Line 99AGS	STN 12 STN 12 STN 5TN STN STN STN STN	ne99AGS at Stn 148	STN STN STN STN	6-2630,VP14 layed to Stn	.84-1450(349 1330.Pick up Kms. Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000	d move to Line99AG	Total Ķms	
SURVEY ine No ine No ine No ine No ine No CHAINING	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN STN	ne99AGS at Stn 148	STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510	84-1450(349 1330.Pick up Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000	d move to Line99AG	Total Ķms	
SURVEY ine No ine No ine No ine No CHAINING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN	ne99AGS at Stn 148	STN STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510	84-1450(349 1330.Pick up Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200	d move to Line99AG	Total Ķms	
ine Noine	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN STN STN	ne99AGS at Stn 148	STN STN STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000	d move to Line99AG	Total Ķms	
URVEY ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 5TN STN STN STN STN STN STN STN	ne99AGS at Stn 148	STN	6-2630,VP14 layed to Stn 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000	d move to Line99AG	Total KmsCum. Kms. (Job)	211.080
ine No ine No ine No ine No ine No chaining ine No ine No ine No ine No ine No ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN STN STN STN STN STN	ne99AGS at Stn 14: 230	STN STN STN STN STN STN STN STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000	d move to Line99AG	Total KmsCum. Kms. (Job)	211.080
IURVEY ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN STN STN STN STN STN STN	ne99AGS at Stn 14: 230	STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000	d move to Line99AG	Total KmsCum. Kms. (Job)	211.080
SURVEY ine No ine No ine No ine No CHAINING ine No RANGING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN STN STN STN STN STN STN STN	230	STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000	d move to Line99AG	Total KmsCum. Kms. (Job)	211.080
SURVEY ine No ine No ine No CHAINING ine No chaire No ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN STN 5TN STN 12 STN 12 STN 12 STN 5TN	230	STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000	d move to Line99AG	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	211.080
IURVEY ine No ine No ine No CHAINING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 5TN STN 5TN STN 5TN STN 5TN STN 5TN STN STN	230	STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000	d move to Line99AG	Total KmsCum. Kms. (Job)	211.080 11.200 211.080
IURVEY ine No ine No ine No CHAINING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3	STN 12 STN 12 STN 12 STN 12 STN 17 STN STN STN STN STN 17 STN 17 STN	230 230 CC	STN STN STN STN STN STN STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000		Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	211,080 11.200 211.080 0.000 0.000
IURVEY ine No ine No ine No CHAINING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3 99AGSY3	STN 12 STN 12 STN 12 STN 12 STN 5TN STN STN STN 12 STN 12 STN	230 230 CC	STN STN STN STN STN STN STN STN STN STN STN	6-2630,VP14 layed to Stn 1510 1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.		Total Kms	11.200 211.080 0.000 0.000 0.000
URVEY ine No ine No ine No cHAINING ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3 99AGSY3	STN 12 STN 12 STN 12 STN	230 230 CC.000	STN	6-2630,VP14 layed to Stn  1510  1510  ::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000
URVEY ine No	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3 99AGSY3	STN 12 STN 12 STN 12 STN	230  230  CC	STN	6-2630,VP14 layed to Stn 1510 1510 :::::::::::::::::::::::::::::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an 11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
IURVEY ine No	Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3 99AGSY3	STN 12 STN 12 STN 12 STN	230  230  CC	STN	6-2630,VP14 layed to Stn  1510  1510  ::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000
SURVEY ine No	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3  99AGSY3  Dozer Dozer Dozer Grader Grader	STN 12 STN 12 STN	230  CC.0000	STN	6-2630,VP14 layed to Stn  1510  1510  ::::::::::::::::::::::::::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
IURVEY ine No ine N	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3  99AGSY3  Dozer Dozer Dozer Grader Grader # Mtr	STN 12 STN 12 STN 5TN STN 5TN STN 5TN STN	230  230  CC	STN	6-2630,VP14 layed to Stn 1510 1510 :::::::::::::::::::::::::::::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs	#Holes	Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY ine No INE CLEAR	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3  99AGSY3  Dozer Dozer Dozer Grader Grader # Mtr	STN 12 STN 12 STN 15 STN 15 STN 17 STN	230  230  CC 0000  Holes Holes	STN	6-2630,VP14 layed to Stn  1510  1510  1510  ::::::::::::::::::::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs	#Holes	Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3  99AGSY3  Dozer Dozer Dozer Grader Grader # Mtr	STN 12 STN 12 STN 5TN STN 5TN STN 5TN STN	230  230  CC 0000  Holes Holes	STN	6-2630,VP14 layed to Stn  1510  1510  1510  ::::::::::::::::::::	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 11.200 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs	#Holes	Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
-	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS  99AGSY3  99AGSY3  Dozer Dozer Grader Grader Grader # Mtr	STN 12 STN 12 STN 15 STN 15 STN 17 STN	230  230  CC  000  Holes Holes	STN	6-2630,VP14 layed to Stn  1510  1510  1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an  11.200 0.000 0.000 0.000 0.000 11.200 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs Hrs	#Holes #Holes	Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Tape:Reel I Tape:Reel I Tape:Reel I Line 99AGS 99AGSY3  99AGSY3  Dozer Dozer Grader Grader Grader # Mtr # Mtr 0.0	STN 12 STN	230  230  CC  000  Holes Holes Job)	-Y2,FF261 50,Spread  STN OMMENTS	6-2630,VP14 layed to Stn  1510  1510  1510	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0E) spread an   11.200   0.000   0.000   0.000   0.000   0.000   0.000   0.000   0.000   Hrs	- #Holes - #Holes - 0.00	Total Kms	211.080 11.200 211.080 0.000 0.000 0.000 0.000 0.000

				DAI	LY PRO	DUCTION	REPOR	RT			
CREW 205										DATE	. 2-Sep-99
Client	ANSIR							Party Man	ager	BOB STEPHENSON	
	YILGARN							Client Rep	-		
Survey Name.		וב סבכוסו								ANDREW OWEN	F2 1
Area	KALGOORI	JE REGIO	N .					Weather		FINE	
State	WA									2.	
RECORDING						Kms.	SKIPS	PRO	OFILES		TOTALS
_ine No	99AGSY3	Rec	1788 - F	Rec	1678	4.400	17		38	Profiles	38
_ine No		Rec	F	Rec						Skips	17
ine No		Rec		Rec						Kms	4.400
Line No		Rec		Rec						Cum Kms	176.720
_ine No		Rec		Rec						Cum Kins	170.720
	'an al Time			(ec		Down Time - Vibe				F. 440 Ob	
	ravel Time		.00		L					Extra Charges	
	est Time		.50				er			Extra vibe Hrs	0.00
	Recording Time		.50							Detours Charge Hrs	0.00
Other Time	Line Change		.00			ATU's				WashdownsHrs	0.00
	Recorder M	ove				Detours				Extra Other Charge	0.00
	Detours/Ter	rain.				W/on	Spread.			Total ExtraHrs	0.00
	Experimenta	al				Stock D	amage			Total Extra(Job).Hrs	0.00
	Other Charg	je 1	.25			Other				Processing Hrs	0.00
	Wait on Spr	ead.			•					_	
	Weather Tir	ne									
	Stock Dama				т т	otal Down Time		0.00		Total DayHrs	6.25
	Safety Meet	-				Cum. Down Time		6.25		Total Hrs (Job)	196.75
COMMENTS:		vith servo v	alve problem Yilgam Seisi	. Crew	closed dow	-	zins iayin	y mie.			
GURVEY	Vibe down v	vith servo v v Data 1999	alve problem	Crew	closed dow	n at 3pm.	Zilis layili	y mie.			
SURVEY	Vibe down v	vith servo v v Data 1999 STN	alve problem 9 Yilgam Seisi	Crew mic Sur	closed dow	n at 3pm. Kms.	· · · · · · · · · · · · · · · · · · ·	y mie.		7	··········
SURVEY _ine No	Vibe down v	vith servo v v Data 1999 STN STN	alve problem 9 Yilgam Seisi	Crew mic Sur STN STN	closed dow	n at 3pm.  Kms.  Kms.	0.000	y mile.			
SURVEY Line No Line No	Vibe down v	vith servo v v Data 1999 STN	alve problem 9 Yilgam Seisi	Crew mic Sur	closed dow	n at 3pm. Kms.	· · · · · · · · · · · · · · · · · · ·	g mile.			
SURVEY Line No Line No	Vibe down v	vith servo v v Data 1999 STN STN	alve problem 9 Yilgarn Seisi	Crew mic Sur STN STN	closed dow	n at 3pm.  Kms.  Kms.	0.000	g illie.		Total Kms	0.000
SURVEY _ine Noine Noine No	Vibe down v	STN STN	alve problem 3 Yilgam Seisi	STN	closed dow	rn at 3pm.  Kms.  Kms.  Kms.	0.000	g illie.		Total Kms	0.000 211.080
SURVEY Line No Line No Line No Line No Line No	Vibe down v	STN STN STN STN	alve problem 3 Yilgam Seisi	STN STN STN	closed dow	n at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000	y ilile.			
SURVEY _ine No	Vibe down v	STN STN STN STN	alve problem 9 Yilgam Seisi	STN STN STN	closed dow	n at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000	y ilite.			
SURVEY Line No Line No Line No Line No Line No CHAINING Line No	Vibe down v	STN STN STN STN STN STN	alve problem 9 Yilgam Seisi	STN STN STN STN STN	closed dow	n at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000	g illie.			
SURVEY _ine Noine Noine Noine No CHAINING _ine No	Vibe down v	STN STN STN STN STN STN	alve problem 9 Yilgam Seisi	STN STN STN STN STN	closed dow	m at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000 0.000	g illie.			
SURVEY _ine Noine Noine Noine No CHAINING _ine Noine No	Vibe down v	STN STN STN STN STN STN STN STN STN STN	alve problem 9 Yilgam Seisi	STN STN STN STN STN STN STN	closed dow	m at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000 0.000	g illie.		Cum. Kms. (Job)	211.080
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No	Vibe down v	STN	alve problem 9 Yilgam Seisi	STN STN STN STN STN STN	closed dow	m at 3pm.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.  Kms.	0.000 0.000 0.000 0.000	g illie.		Cum. Kms. (Job) Total Kms	211.080
SURVEY ine No	Vibe down v	STN	alve problem ) Yilgam Seisi	STN	closed dow	m at 3pm.  Kms.  Kms.	0.000 0.000 0.000 0.000 0.000	g illie.		Cum. Kms. (Job)	211.080
SURVEY Line No RANGING	Vibe down v	STN	alve problem ) Yilgam Seisi	STN STN STN STN STN STN STN STN STN	closed dow	m at 3pm.  Kms.  Kms.	0.000 0.000 0.000 0.000 0.000	, ille.		Cum. Kms. (Job) Total Kms	211.080
SURVEY Line No RANGING Line No	Vibe down v	STN	alve problem ) Yilgam Seisi	STN	closed dow	m at 3pm.  Kms.  Kms.	0.000 0.000 0.000 0.000 0.000	, ille.		Cum. Kms. (Job) Total Kms	211.080
SURVEY  ine No	Vibe down v	STN STN STN STN STN STN STN STN STN STN STN STN STN STN STN	alve problem ) Yilgam Seisi	STN	closed dow	m at 3pm.  Kms.  Kms.	0.000 0.000 0.000 0.000 0.000	, ille.		Cum, Kms. (Job)  Total Kms Cum, Kms. (Job)	0.000 211.080
SURVEY _ine Noine No	Vibe down v	STN	alve problem ) Yilgam Seisi	STN	closed dow	m at 3pm.  Kms.  Kms.	0.000 0.000 0.000 0.000 0.000	, ille.		Total Kms. (Job)  Cum. Kms. (Job)  Total Kms	0.000 211.080 0.000
SURVEY  Line No  Line No  CHAINING  Line No  RANGING  Line No  Line No  Line No  Line No  Line No	Vibe down v	STN	alve problem  Yilgam Seisi  COM  0.000	Crew STN	closed downrey.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	0.000 211.080 0.000 211.080
SURVEY  Line No  Line No  CHAINING  Line No  RANGING  Line No  Line No  Line No  Line No  Line No	Vibe down v Final Survey	STN	alve problem O Yilgam Seisi COM 0.000	Crew STN	closed downrey.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	0.000 211.080 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No Line No Line No Line No	Vibe down v Final Survey  Dozer Dozer	STN Line No	COM	Crew mic Sul STN	closed downrey.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY  ine No ine No ine No CHAINING ine No	Vibe down v Final Survey  Dozer Dozer Grader	STN Line No	COM	Crew mic Sul STN	Closed downrey.  S:  Kms. Cut Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)	0.000 211.080 0.000 0.000 0.000 0.000
SURVEY  ine No ine No ine No CHAINING ine No	Vibe down v Final Survey  Dozer Dozer Grader	STN Line No	COM	Crew mic Sul STN	closed downrey.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs			Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Total Kms. (Job)  Cum. Kms. (Job)	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Vibe down v Final Survey  Dozer Dozer Grader	STN Line No	COM	Crew mic Sul STN	Closed downrey.  S:  Kms. Cut Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs			Total Kms(Job)	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Vibe down v Final Survey  Dozer Dozer Grader Grader	STN Line No	COM	Crew mic Sul STN	Closed downrey.  S:  Kms. Cut Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		#Holes	Total Kms(Job)	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Vibe down v Final Survey  Dozer Dozer Grader Grader # Mtr	STN Line No	COM 0.000	Crew mic Sul STN	Closed downrey.  S:  Kms. Cut Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs		#Holes #Holes	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hours  Total Hours	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Dozer Dozer Grader Grader # Mtr # Mtr	STN Line No Line No	COM 0.000 #Holes #Holes	Crew STN	Closed downvey.  S:  Kms. Cut  Kms. Cut  Kms. Cut  Kms. Cut  Hrs.  Hrs.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs		#Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Lin	Dozer Dozer Grader Grader # Mtr # Mtr	STN Line No Line No Line No Cum # Mtr	COM 0.000 #Holes #Jobb	Crew mic Sun STN	Closed downvey.  S:  Kms. Cut  Kms. Cut  Kms. Cut  Kms. Cut  Hrs.  Hrs.  Hrs.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs Hrs		#Holes 0.00	Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Kms(Job)  Total Hours  Total Hrs (Job)  # Hrs # Hrs	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Li	Dozer Dozer Dozer Grader Grader # Mtr # Mtr	STN Cum # Mtr Cum Driller	COM 0.000 #Holes #Holes	Crew mic Sui STN	Closed downvey.  S:  Kms. Cut  Kms. Cut  Kms. Cut  Kms. Cut  Hrs.  Hrs.	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs Hrs Hrs		#Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000

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DAY 18		·		DΔ	ILY PE	TERRA			oT.			
CREW 205				DA	101 11	CODCC	11011	ICLI OI	<u> </u>		DATE	3-Sep-99
Client Survey Name. AreaState	ANSIR YILGARN KALGOOR WA	LIE REGIC	N.						Client I	Manager. Rep er	BOB STEPHENSON ANDREW OWEN WET	
RECORDING						Kms.		SKIPS	1	PROFILES		TOTALS
Line No Line No Line No	99AGSY3 99AGSY3	Rec Rec Rec	1676 1281	Rec Rec Rec Rec	1282 1230	15.840 2.080		80 15		139 36	Profiles Skips Kms Cum Kms	175 95 17.920 194.640
Line No HOURS T	ravel Time	Rec	1.00	Rec		Down Tir	ne - Vibe				Extra Charges	
T	est Time lecording Tim	( e	0.50 7.50			DOWN	Recorde Cables.	er			Extra vibe Hrs Detours Charge Hrs	0.00
Other Time	Line Chang Recorder M Detours/Tel Experiment Other Chan Wait on Spi Weather Til	love rrain. al ge 2 read.	2.00 1.00				ATU's Detours W / on S Stock D Other	/Terr Spread. amage			WashdownsHrs Extra Other Charge Total ExtraHrs Total Extra(Job).Hrs Processing Hrs	0.00 0.00 0.00 0.00 0.00
	Stock Dama Safety Mee	•				Total Do			0.00 6.25		Total DayHrs Total Hrs (Job)	12.00
COMMENTS:	Tape:Reel I	_15099036 282 recorde	,Line99AGS ,Line99AGS ed 60 Fold, ; large 2 hrs p	S-Y3,FF2 Stn 1281	746-2850, -1230 rec	VP1474-1	230(3490	•				
SURVEY		CTN		STN			Vma					-
Line No Line No		STN STN		STN			Kms. Kms.	0.000				
Line No		STN		STN			Kms.	0.000				
Line No		STN		STN			Kms.	0.000			Total Kms	0.000
Line No		STN		STN			Kms.	0.000			Cum. Kms. (Job)	211.080
CHAINING Line No		STN		STN			Kms.					
Line No		STN		STN			Kms.	0.000				
Line No		STN		STN			Kms.	0.000				
Line No		STN		STN			Kms.	0.000			Total Kms	0.000
Line No		STN		STN			Kms.	0.000			Cum. Kms. (Job)	211.080
RANGING Line No		Kms	0.000	OMMEN <sup>-</sup>	15:							
Line No		Kms										
Line No		Kms									Total Kms	0.000
_ine No		Kms									Cum. Kms. (Job)	0.00
LINE CLEAR	Dozer Dozer Grader	Line No Line No			Kms. Cut Kms. Cut Kms. Cut			Hrs. Hrs Hrs			Total Kms  Cum. Kms. (Job)  Total Hours	0.000 0.000 0.00
	Grader	Line No			Kms. Cut			Hrs			Total Hrs (Job)	0.00
ORILLING							UPHOL				· · · · · · · · · · · · · · · · · · ·	
Rig No. 1 Rig No. 2	# Mtr # Mtr		#Holes #Holes		Hrs Hrs		Unit 1 Unit 2	#Mti #Mti		#Holes #Holes	# Hrs # Hrs	
Total # Mts	0.0		r (Job)		0.0 0.00			/ltr gged		0.00 0	Total # Mtr(Job)	0.0
Total Hrs	0.00		ed (Job) (Job)		0.00			ggea 3		0.00	Total Logged (Job) Total # Hrs(Job)	0 0.00
COMMENTS :		. 4.511110	\/									0.00

. Little Market

			DAI	LY PROD	UCTION	REPOR	RT			
CREW 205			2.11						DATE	. 4-Sep-9
	ANGID						Darbi Mari		BOD OTEDLIENGO	
Client	ANSIR						Party Mana Client Rep	-	BOB STEPHENSON	
Survey Name. Area	YILGARN	LIE REGION					Weather		ANDREW OWEN	
State	WA	LIE REGION					weather	•••••	FINE	
State	: · **^									
RECORDING				К	ms.	SKIPS	PRO	FILES		TOTALS
Line No		Rec	Rec						Profiles	0
Line No		Rec	Rec						Skips	0
Line No		Rec	Rec						Kms	0.000
Line No		Rec	Rec						Cum Kms	194.640
Line No		Rec	Rec							
HOURS	Travel Time			Dow	n Time - Vibe	es			Extra Charges	
	Test Time				Record	er			Extra vibe Hrs	0.00
	Recording Tim	ie			Cables.				Detours Charge Hrs	0.00
Other Time	Line Chang	je			ATU's		. 19		WashdownsHrs	0.00
	Recorder M	flove			Detours	Terr			Extra Other Charge	0.00
	Detours/Te	rrain.			W / on	Spread.			Total ExtraHrs	0.00
£	Experiment	tal			Stock D	amage			Total Extra(Job).Hrs	0.00
-	Other Char	ge 10.00			Other				Processing Hrs	0.00
	Wait on Sp	read.								
	Weather Ti	me								
	Stock Dam	age		Tota	al Down Time		0.00		Total DayHrs	10.00
	Cafab. Maa	etina		Cun	n. Down Time	(Job)	6.25		Total Hrs (Job)	218.75
COMMENTS:	Safety Mee Wash dowr	r Vibes, Vehicles. Che	ck and pac	k up equipme	nt in containe	r. Pick up	pin flags on	lines 99A	165-12 & 13.	
COMMENTS:			ck and pac	ck up equipme	nt in containe	r. Pick up	pin flags on	lines 99A	1GS-12 & 13.	
COMMENTS:			ck and pac	sk up equipme	nt in containe	r. Pick up	pin flags on	lines 99A	G5-12 & 13.	
		n Vibes, Vehicles. Che		ck up equipme	nt in containe	r. Pick up	pin flags on	lines 99A	IGS-12 & 13.	
SURVEY Line No		n Vibes, Vehicles. Che	STN	ck up equipme	Kms.		pin flags on	lines 99A	GS-12 & 13.	
SURVEY Line No		n Vibes, Vehicles. Che STN STN	STN STN	k up equipme	Kms.	0.000	pin flags on	lines 99A	(GS-12 & 13.	
SURVEY Line No Line No		STN STN STN STN	STN STN STN	k up equipme	Kms. Kms. Kms.	0.000	pin flags on	lines 99A		·
SURVEY Line No Line No		STN STN STN STN STN STN	STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms.	0.000 0.000 0.000	pin flags on	lines 99A	Total Kms	0.000
SURVEY Line No Line No Line No Line No		STN STN STN STN	STN STN STN	k up equipme	Kms. Kms. Kms.	0.000	pin flags on	lines 99A		0.000 211.080
SURVEY Line No Line No Line No Line No Line No		STN STN STN STN STN STN STN	STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms.	0.000 0.000 0.000	pin flags on	lines 99A	Total Kms	
SURVEY Line No Line No Line No Line No Line No CHAINING Line No		STN STN STN STN STN STN STN STN	STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No		STN STN STN STN STN STN STN STN STN	STN STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No		STN STN STN STN STN STN STN STN STN	STN STN STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total KmsCum. Kms. (Job)	
SURVEY Line No		STN	STN STN STN STN STN STN STN STN	k up equipme	Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total Kms	
SURVEY Line No Line No Line No Line No CHAINING Line No Line No Line No Line No Line No		STN	STN		Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total KmsCum. Kms. (Job)	211.080
SURVEY Line No		STN	STN STN STN STN STN STN STN STN		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total KmsCum. Kms. (Job)	211.080
SURVEY Line No RANGING		STN	STN		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total KmsCum. Kms. (Job)	211.080
SURVEY Line No		STN	STN		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	211.080
SURVEY Line No		STN	STN		Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000	pin flags on	lines 99A	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	211.080
SURVEY Line No	Wash dowr	STN	STN	S:	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000		lines 99A	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	0.000 211.080
SURVEY Line No	Wash down	STN	STN	S:	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		lines 99A	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	0.000 211.080 0.000
SURVEY Line No	Wash dowr	STN	STN	S:	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000		lines 99A	Total Kms  Cum. Kms. (Job)  Total Kms  Cum. Kms. (Job)	0.000 211.080 0.000 0.000 0.000
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SURVEY ine No	Wash down  Dozer  Dozer	STN Line No	STN STN STN STN STN STN STN STN STN	S: Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		lines 99A	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line	Wash down  Dozer  Dozer  Dozer  Grader	STN Line No	STN STN STN STN STN STN STN STN STN	S:  Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		lines 99A	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Wash down  Dozer  Dozer  Dozer  Grader	STN Line No	STN STN STN STN STN STN STN STN STN	S:  Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs		#Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line	Dozer Dozer Dozer Grader Grader	STN Line No Line No Line No	STN STN STN STN STN STN STN STN STN	S:  Kms. Cut Kms. Cut Kms. Cut	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs Hrs Hrs			Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No	Dozer Dozer Grader Grader 1 # Mtr 2 # Mtr	STN	STN	S:  Kms. Cut  Kms. Cut  Kms. Cut  Hrs  Hrs	Kms. Kms. Kms. Kms. Kms. Kms. Kms. UPHOL Unit 1	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.	·	≠Holes ≠Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No.	Dozer Dozer Grader Grader 1 # Mtr 2 # Mtr	STN	STN	S:  Kms. Cut  Kms. Cut  Kms. Cut  Hrs. Hrs  Hrs	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Wttr.	·	≠Holes ≠Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000
SURVEY Line No Line No Line No CHAINING Line No Line N	Dozer Dozer Dozer Grader Grader 1 # Mtr 2 # Mtr	STN	STN	S:  Kms. Cut  Kms. Cut  Kms. Cut  Hrs  Hrs	Kms. Kms. Kms. Kms. Kms. Kms. Kms. Kms.	0.000 0.000 0.000 0.000 0.000 0.000 0.000 Hrs. Hrs. Hrs. Hrs.	·	≠Holes ≠Holes	Total Kms	0.000 211.080 0.000 0.000 0.000 0.000 0.000 0.000



23 Felspar Street

Welshpool, Western Australia

#### RECORDING PARAMETER SHEET

	TE CO	101101	7 HOLDID	KUILLI	Section 1	· · · · · · · · · · · · · · · · · · ·
Client:	ANSIR		Line:	99AGS-Y1		
Crew:	1		Prospect Area:	Kallgoolie / Boulde	er	
Survey:	1999 Yilgaran Seismic Sur	vev	Date Recorded:	19 To 22 August 19		
Instrument:			Direction of Rec:			
	Recording parameters			Sweep Frequency		
	Traces per File	242	2		Swp 1 6 To 64	Hz
	Record Length	16,000			Swp 2 12 To 12	0 HZ
	Sample Rate:	2 msec			Swp 3 12 To 10	0 Hz
	Tape Format	Seg Y	]		Swp 4 6 To 80	Hz
	Shot Points	1000 To 1966		*	Swp 5	
	Rec To Rec	1000 To 1966	<u>i</u>		Swp 6	
	Files	27 To 551	]		Swp 7	
					Swp 8	
	Receiver Parameters		<del>-</del>	Source Parameter		
	Station Interval	40 M	4	No. of Sources On-		
	Geophone Array Length	40 M		No. of Sweeps per V		
	Geophone Array Centre	Mid Station .5	-	Sweep Length:	8 Sec	>
	Geophone Type	OYO GS32CT		Sweep Type	Linea	
	Geophones Per String	12	4	Sweep Type Mono /		
	Strings Per Station	1	4	VP Interval	40 And 8	
	Connection	Series/Parallel	4	Source Array Length		
	Spread Geometry	Symmetrical 1	-{	Vibe Spacing Pad to		
ŀ	# of Station Gap at SP	L 1		Vibe Move Up VP Source Centre	10 M	
	Tape Listing			Vibe Electronics	On Stat	
	Tape No	l	٦	Vibrator QC	Vibra Sig	ouel o
	Tape No		1	Force Control	Peak and Trou	gh .
	Tape No	-	1	Phase Lock	Ground Force	
	Tape No		1	High Force Output	80%	
	Tupo 110			Pelton Rev. Level	6E	
ò	Reciever Array 12 Phot	nes over 40m	3.33m between Pho	ones Centered between	en pegs	******
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		3.44				
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**Shot Points** 

Rec To Rec

# of Station Gap at SP

Files

23 Felspar Street

Welshpool, Western Australia

2730 To 1168

2730 To 1048

552 To 1876

#### RECORDING PARAMETER SHEET

			to the second constitution and			
Client:	ANSIR		Line:	99AGS-Y4		
Crew:	1		Prospect Area:	Kallgoolie / Boulde	r	
Survey:	1999 Yilgaran Seismic Sur	vey	Date Recorded:	22 To 28 August 19	99	
Instrument:	Aram 24		Direction of Rec:	North To South		
	<del> </del>	1920015 15			- February - 10 %	33-21-2-3
	Recording parameters			Sweep Frequency		
	Traces per File	242			Swp 1	6 To 64 Hz
	Record Length	16,000	]		Swp 2	12 To 120 HZ
	Sample Rate:	2 msec	]		Swp 3	12 To 100 Hz
	Tape Format	Seg Y			Swp 4	6 To 80 Hz

**Receiver Parameters** 40 M Station Interval 40 M Geophone Array Length Mid Station .5 Geophone Array Centre OYO GS32CT Geophone Type 12 Geophones Per String Strings Per Station Series/Parallel Connection Symmetrical Spread Geometry

Tape Listing
Tape No
Tape No
Tape No
Tape No

**Source Parameters** No. of Sources On-Line No. of Sweeps per VP Sweep Length: Sweep Type Sweep Type Mono / Vari VP Interval Source Array Length Vibe Spacing Pad to Pad Vibe Move Up **VP Source Centre** Vibe Electronics Vibrator QC Force Control Phase Lock High Force Output

Pelton Rev. Level

3 and 4

4

8 Sec

Linear

Swp 5

Swp 6

Swp 7 Swp 8

Reciever Array 12 Phones over 40m 3.33m between Phones Centered between pegs



Source Array 3 vibes 0ver 60m 15m pad to pad centered on VP 10m moveups



23 Felspar Street

Welshpool, Western Australia

## RECORDING PARAMETER SHEET

	- RECORDING I	AKAMETE	K SHEE I
Client:	ANSIR	Line:	99AGS-Y5
Crew:	1	Prospect Area:	Kallgoolie / Boulder
Survey:	1999 Yilgaran Seismic Survey	Date Recorded:	28 To 30 August 1999
Instrument:		****	South East To North West
	Recording parameters		Sweep Frequency
	Traces per File 242		Swp 1 6 To 64 Hz
	Record Length 16,000		Swp 2 12 To 120 HZ
	Sample Rate: 2 msec		Swp 3 12 To 100 Hz
	Tape Format Seg Y		Swp 4 6 To 80 Hz
	Shot Points 1000 To 1720	)	Swp 5
	Rec To Rec 1000 To 1720	)	Swp 6
ļ	Files . 1877 To 2232	2	Swp 7
			Swp 8
	Receiver Parameters	_	Source Parameters
*	Station Interval 40 M	,	No. of Sources On-Line 3
	Geophone Array Length 40 M		No. of Sweeps per VP 4
l	Geophone Array Centre Mid Station .:	5	Sweep Length: 8 Sec
i .	Geophone Type OYO GS32C	<u>r</u>	Sweep Type Linear
	Geophones Per String 12		Sweep Type Mono / Vari Vari
ŀ	Strings Per Station 1		VP Interval 80 M
	Connection Series/Paralle	_	Source Array Length 60 M
	Spread Geometry Symmetrical		Vibe Spacing Pad to Pad 15 M
	# of Station Gap at SP		Vibe Move Up 10 M
			VP Source Centre On Station
·	Tape Listing	7	Vibe Electronics Pelton Adv II Model 6
l	Tape No	_	Vibrator QC Vibra Sig
ŀ	Tape No		Force Control Peak and Trough
	Tape No	•	Phase Lock Ground Force
	Tape No		High Force Output 80%
			Pelton Rev. Level 6E
		2.22 1	
	Reciever Array 12 Phones over 40m	3.33m between Pho	ones Centered between pegs
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*	3.44	* **	
	3.11		
	Source Array 3 vibes 0ver 60m 1	5m pad to pad cent	ered on VP 10m moveups
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Welshpool, Western Australia

: 4	RECORDING P	ARAMETE	R SHEET	
Client:	ANSIR	Line:	99AGS-Y2	
Crew:	1	Prospect Area:	Kallgoolie / Boulder	
Survey:	1999 Yilgaran Seismic Survey	Date Recorded:	30 Aug To 1 Sep 1999	
Instrument:		Direction of Rec:	East To West	
	Recording parameters		Sweep Frequency	
	Traces per File 242	]	Swp 1	6 To 64 Hz
	Record Length 16,000		Swp 2	12 To 120 HZ
	Sample Rate: 2 msec	]	Swp 3	12 To 100 Hz
	Tape Format Seg Y		Swp 4	6 To 80 Hz
	Shot Points 2270 To 1330	]	Swp 5	
	Rec To Rec 2270 To 1330		Swp 6	
	Files 2233 To 2630	k .	Swp 7	
		_	Swp 8	
	Receiver Parameters		Source Parameters	
	Station Interval 40 M	}	No. of Sources On-Line	3
	Geophone Array Length 40 M		No. of Sweeps per VP	. 4
	Geophone Array Centre Mid Station .5		Sweep Length:	8 Sec
ŀ	Geophone Type OYO GS32CT	]	Sweep Type	Linear
	Geophones Per String 12	1	Sweep Type Mono / Vari	Vari
	Strings Per Station 1	]	VP Interval	80 M
	Connection Series/Parallel	]	Source Array Length	60 M
	Spread Geometry Symmetrical	1	Vibe Spacing Pad to Pad	15 M
*	# of Station Gap at SP 1	1	Vibe Move Up	10 M
		•	VP Source Centre	On Station
	Tape Listing		Vibe Electronics Pelto	n Adv II Model 6
	Tape No	1	Vibrator QC	Vibra Sig
	Tape No	1		ak and Trough
	Tape No			Ground Force
	Tape No	1	High Force Output	80%
		•	Pelton Rev. Level	6E
	Reciever Array 12 Phones over 40m 3	3.33m between Pho	ones Centered between pegs	
	100000000000000000000000000000000000000		, and control of the pegs	
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	Source Array 3 vibes 0ver 60m 15	m pad to pad cente	ered on VP 10m moveups	
		1		
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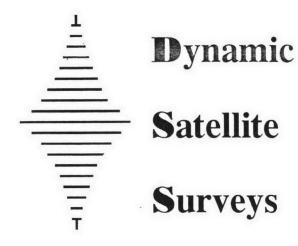
23 Felspar Street

Welshpool, Western Australia

# RECORDING PARAMETER SHEET

Client:	ANSIR	Line:	99AGS-Y3	
Crew:	1	Prospect Area:	Kallgoolie / Boulder	
Survey:	1999 Yilgaran Seismic Survey	Date Recorded:	2 To 3 September 1999	
Instrument:	Aram 24	Direction of Rec:	East To West	

Recording parameters   Traces per File   242   Record Length   16,000   Swp 2   12 To 120 HZ   Sample Rate:   2 msec   Swp 4   6 To 80 Hz   Swp 5   Swp 5   Swp 6   Swp 7   Swp 8   Swp 7   Swp 8   Swp 7   Swp 8   Swp 8   Swp 8   Swp 8   Swp 8   Swp 6   Swp 7   Swp 8   Swp 8   Swp 6   Swp 7   Swp 8	Survey:	1999 Yilgaran Seismic Survey	Date Recorded:	2 To 3 September 1999	
Traces per File	250				
Traces per File					
Tape Format   Seg Y   Swp 4   6 To 80 Hz		Traces per File 242 Record Length 16,000		Swp Swp	2 12 To 120 HZ
Receiver Parameters Station Interval Geophone Array Length Geophone Array Centre Geophone Type Geophones Per String Strings Per Station Connection Spread Geometry For Symmetrical For Symmetrical For Symmetrical For Station For Station For Station For Station For Station For String For Station For Station For Station For Station For String For Station For String For Station For Symmetrical For Source Parameters  No. of Sources On-Line For Symmetry For Symmetric Symmetric Symmetric Symmetric Symmetry For Sweep Symmetry For Sweep Type For Symmetry For Symmetry For Symmetric Symmetric Symmetrical For Symmetric Symmetry For Symmetric Symmetry For Symmetry F		Tape Format         Seg Y           Shot Points         1788 To 12           Rec To Rec         1788 To 12	30	Swp Swp Swp	4 6 To 80 Hz 5 6
Station Interval Geophone Array Length Geophone Array Centre Geophone Array Centre Geophone Type Geophone Type Geophones Per String Strings Per Station Connection Spread Geometry For Symmetrical For Symmetrical For Station Gap at SP  Tape Listing  Station Interval  40 M No. of Sources On-Line 3 No. of Sweeps per VP 4 Sweep Type Sweep Length: 8 Sec Sweep Type Linear  Vari Vari Vari VP Interval Source Array Length 60 M Vibe Spacing Pad to Pad 15 M Vibe Move Up VP Source Centre Vibe Electronics Vibe Electronics Vibrator QC Vibra Sig		2031 10 20	10]	Swp	
Tape No Phase Lock Ground Force Tape No High Force Output 80% Pelton Rev. Level 6E		Station Interval Geophone Array Length Geophone Array Centre Geophone Type Geophones Per String Strings Per Station Connection Spread Geometry # of Station Gap at SP  Tape Listing Tape No Tape No Tape No	CT lel	Source Parameters No. of Sources On-Line No. of Sweeps per VP Sweep Length: Sweep Type Sweep Type Mono / Vari VP Interval Source Array Length Vibe Spacing Pad to Pad Vibe Move Up VP Source Centre Vibe Electronics Vibrator QC Force Control Phase Lock High Force Output	3 4 8 Sec Linear Vari 80 M 60 M 15 M 10 M On Station on Adv II Model 6 Vibra Sig eak and Trough Ground Force 80%
	<b>\</b>	Reciever Array 12 Phones over 40m	3.33m between Pho	ones Centered between pega	<u></u>
Reciever Array 12 Phones over 40m 3.33m between Phones Centered between pegs	7	3.44	7 7		₹ ₹
3.44		Source Array 3 vibes 0ver 60m	15m pad to pad cente	ered on VP 10m moveups	· <del></del>
					*
Source Array 3 vibes 0ver 60m 15m pad to pad centered on VP 10m moveups					
Source Array 3 vibes 0ver 60m 15m pad to pad centered on VP 10m moveups					
Source Array 3 vibes 0ver 60m 15m pad to pad centered on VP 10m moveups					



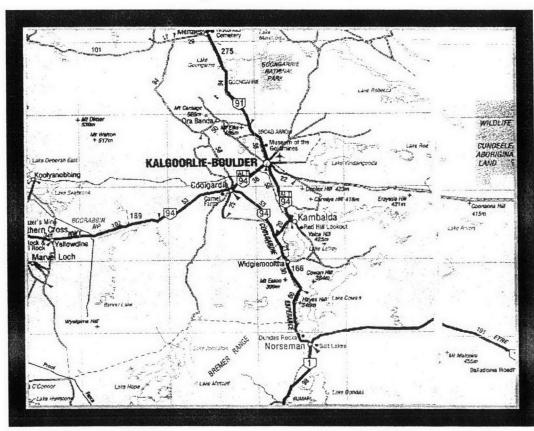
Final Operations Report on the

# AGSO 1999 YILGARN 2D SEISMIC SURVEY

for

# TERRACORP PTY LTD

September 1999



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# INTRODUCTION

The following report covers the **1999 Yilgarn 2D Seismic Survey** operations, performed by Dynamic Satellite Surveys Pty Ltd (DSS) whilst contracted to Terracorp for Australian Geological Survey Organisation (AGSO).

The 1999 survey operation consisted of 210.680 kilometres of seismic line around the townsite of Kalgoorlie, WA.

Work commenced on the 15th August and was completed on 1st September, 1999. There were 5 seismic lines in all at 40m station interval, which are listed below.

Line	From	То	Km's
99AGS-Y1	1000	1967	38.680
99AGS-Y2	1050	2270	48.800
99AGS-Y3	1230	1880	26.000
99AGS-Y4	1020	2730	68.400
99AGS-Y5	1000	1720	28.800

Total Distance = 210.680 Kilometres



## INSTRUMENTATION AND PERSONNEL

#### 2.1 Personnel

DSS personnel involved in the survey were as follows:

#### Senior Field Surveyors:

Tom Pickett

- Bachelor of Surveying - Curtin University of Technology

(Surveying, Processing, Report Writing)

Lynne Baker

- Bachelor of Geodetic Engineering

(Surveying, associated paperwork)

# 2.2 Equipment

Equipment provided by DSS and used on this project:

	Description	Quantity
Vehicles	Toyota Landcruiser Trayback - DSS	1
	Toyota Landcruiser Trayback - from Terracorp - 5 day s	1
GPS receivers	NovAtel 2151R/RT20 c/w VHF telemetry	3
Computers	Acer 486 Portable PC	1

	Description	Quantity
	Grid 386 Field PC	3
Software	Waypoint GPS post-processing	1
	DSS MIB for Windows QC	1
Printer	Hewlett Packard DeskJet 340	1
Survey	Suunto Compass	1
Instruments		
Miscellaneous	Sundry office and support equipment	
	Field and Office Consumables	

## 2.3 Logistics

Personnel and equipment logistics were supported by the DSS Yeppoon office.

The DSS survey vehicle was mobilised from Perth, on the 14th August.

Survey operations were based from the Albion Shamrock Hotel, Boulder. This proved both feasible and practical, since both AGSO and Terracorp were also staying there, hence available at all times.

The crew was demobilised on 3rd September 1999.



WGS 84 (World Geodetic System 1984)

# SURVEY REFERENCE SYSTEMS

#### 3.1 Survey Datum

Datum:

#### 3.1.1 Geodetic Datum

Raw GPS data is acquired on the WGS 84 datum, described by the following parameters:

Spheroid: WGS 84
Semi-Major Axis Length: 6 378 137.0

Inverse Flattening: 298.257223563

The Unit of Measure: International Metre

Coordinate sets were transformed directly to the Australian Map Grid (AMG) based on the Australian Geodetic Datum 1984 (AGD 84):

Datum: AGD 84 (Australian Geodetic Datum 1984)

Spheroid: ANS (Australian National Spheroid)

Semi-Major Axis Length: 6 378 160.0

Inverse Flattening: 298.25

The Unit of Measure: International Metre

Coordinate conversions from WGS 84 to AGD 84 were performed using the following seven transformation parameters:

Translations:  $\Delta X$ : 116.00 m  $\Delta Y$ : 50.47 m  $\Delta Z$ : -141.69 m

Rotations: R $\Omega$ : 0.230" R $\varphi$ : 0.390"  $\Delta \kappa$ : 0.344"

Scale: bs: -0.0983 ppm

#### 3.1.2 Map Projection

Rectangular coordinates provided were based on the Australian Map Grid (AMG).

Parameters for this projection are:

Projection:		AMG Zone 51
Latitude of Origin:	*	. 0° '
Central Meridian (CM):	*	123° E
Scale Factor at CM:		0.9996
False Easting:		500 000
False Northing:		10 000 000
The Unit of Measure:	-	International Metre

Final data was presented as AMG84 and AHD coordinates as requested by the client.

#### 3.1.3 Height Datum

Observations were made on the WGS84 datum. The height associated with this datum is an ellipsoidal height (h). The Australian Height Datum (AHD) uses a height datum associated with the Australian Map Grid (AMG), as an orthometric height, which is measured as the height above mean sea level or the geoid (H).

The function that defines the relationship between the ellipsoid and orthometric heights is:

H = h - N

Or

#### AHD = WGS84 - Geoid-Ellipsoid Separation

A digital model (OSU89A) was used for automatic determination of N at each point, so that orthometric heights within the survey area can be readily derived. For all line areas, a separate model was calculated and the models' residuals indicated a good fit, reflecting the gradual change in geoid slope within the extents of the models.



#### SURVEY CONTROL

#### 4.1 Datum

The datum for the prospect was based upon the highest Standard Survey Mark within the Prospect which was KB 222. This mark as an accuracy of 15 parts per million in both horizontal and vertical position, and is situated near Mount Vetters Homestead in Bardic.

The coordinates of this base station KB 222 are as follows;

Station Name	Easting	Northing	Height (AHD)	Comments
KB 222	336098.099	6642042.592	424.110	3rd Order Hz
				2nd Order Ht

Throughout the survey various GPS static points were established, and were used as bases for the layout and survey of the seismic lines. These are listed below;

Station Na	me	Easting	Northing	Height (AHD)	Comments
99AGS-Y1	1060	308432.6	6629679.9	414.7	Coolgardie Rd
99AGS-Y1	1347+16	318038.1	6635761.8	436.0	Grants Hatch Rd
99AGS-Y1	1674+39	329440.9	6640612.6	402.4	x 99AGS-Y4
99AGS-Y4	2276+20	331416.9	6625486.0	386.0	Haulage Rd
99AGS-Y4	1730+17	340428.6	6606627.5	342.1	x 99AGS-Y2
SSM	KB 56	346973.6	6591003.2	371.7	Gt East. Hwy
Bench Mark	BMUO25	365993.4	6612813.2	374.5	Kanowna T.S.
99AGS-Y5	1465+21	360615.9	6622668.6	335.5	X 99AGS-Y2
99AGS-Y2	1505+12	350027.4	6614506.0	342.6	Menzies Hwy

The position of KB 222 was tied off into various standard survey marks, to verify its coordinates, and check the integrity of the survey.

For the results of the survey network ties to these stations see Appendix A - Control Survey, Miscloses and Ties.



# **MONUMENTATION**

Permanent markers were placed along the seismic lines at appropriate positions for easy future access. They consisted of a steel star picket with an aluminium tag attached. The tags were punched with all relevant information such as line name, station number, lines intersections or end of line numbers. They were also stamped with the AGSO telephone number in Canberra.

A coordinate listing of all new permanent markers placed is contained in **Appendix C-Permanent Markers Listing**. The list of new permanent markers is included in the digital data supplied to the client as files named 99AGS-Y\*.PMS.



#### METHOD OF SURVEY

#### 6.1 Line Ranging

The line pointing was completed by AGSO.

#### 6.2 RT20 Surveying

The lines were surveyed using DSS's RT20 real time kinematic surveying technique. RT20 enables both position and elevation coordinates to be acquired in real time and on the appropriate datum.

The survey method utilised phase data received from US Navy NAVSTAR Satellites to provide three dimensional positioning. One receiver was set up as a base station at a known location (as per the survey network shown in **Appendix B - Control network Diagram**), while other receivers were used as remote rovers.

NovAtel real time kinematic can achieve accuracies of better than +/- 0.3m in position and elevation depending on base line length. The expected precision for locating pegged positions is better than 0.3 metres in both elevation and height relative to the base station used and is generally better than 0.2 metres.

Initialisation of the RT20 rover GPS usually takes as little as 2-3 minutes, although this is greatly dependant on satellite geometry, availability, and baseline length.

To allow for the possible variation of the designed coordinates, to whats actually on the ground, DSS utilized an option of radial pegging. This option allows a running chain from each recorded point to the next at any desired increment. This also has an added advantage to accommodate any line bends due to obstacles.

Checks and ties were examined in both real time operation and through the control network, to assess coordinate integrity.

The field data was edited into line files and examined for quality control.

#### 6.3 GPS Processing and Quality Control

When using RT20, all data is recorded internally in GRID palmtop data loggers and then downloaded to the office computer each evening. Quality of the satellite data was monitored by careful examination of the various on-screen quality control statistics produced by DSS's software. These checks on data integrity are in the form of standard deviation (or sigma) values for latitude, longitude, and height and are generally better than 0.2 metres.

The coordinates were then checked using a chaining check routine developed by DSS which calculates line bearing and compares calculated peg distance with actual peg distance. Points outside specified distance and azimuth tolerances are flagged for further investigation and rechained as necessary.

Profile plots were examined to identify any height anomalies.

Coordinates were then finalised by interpolating intermediate stations using software developed by DSS and providing these coordinates in SEGP1 and UKOOA format.

Each line consisted of a .CRD file which is the Surveyor's recordings along a line, an .INT file which is a complete listing of Easting, Northing and Elevation for every station along a line and a .CHK file which is a chaining check along the line. Each line has a list of the surveyed coordinates of all new permanent markers placed on the line and are recorded in a .PMS file.

Surveyed elevations at all new line intersections were checked and the results are listed in Appendix D - New Line Intersection Diagram and Listing. The list was also included in the digital data supplied to Terracorp as INTERSEC.CRD.



## DATA PRESENTATION

On completion of the survey a full digital set of data along with relevant hard copies was presented to Terracorp in duplicate. Files supplied were:

File	Description
99AGS-Y?.UKA	Coordinates and elevations of all stations in UKOOA format.
99AGS-Y?.SEG	Coordinates and elevations of all stations in P1/90 format.
99AGS-Y?.CHK	A chaining check file for each surveyed station.
99AGS-Y?.PMS	A list of all new permanent markers.
99AGS-Y?.CRD	Coordinates and elevations of all surveyed stations.
99AGS-Y?.INT	Coordinates and elevations of all interpolated stations.
INTERSEC.CRD	A listing of all new line intersections.
TIES.CRD	A listing of all survey ties and miscloses.
PMS.CRD	Listing of all Permanent Markers.

These files are all backed up on digital disks in the Yeppoon office for future reference.



#### SAFETY

DSS personnel are aware of safety conditions governing mining and exploration leases. DSS safety guidelines were followed at all times.

DSS personnel attended all safety inductions in the various mine sites where the seismic operations encroached.

Each DSS vehicle was fitted with, UHF and HF radio, fire extinguisher, first-aid kit, vehicle recovery equipment, and weekly vehicle maintenance check lists.

No LTIs (Lost Time Injuries), no near misses and no accidents were reported for the survey.



### CHRONOLOGICAL SUMMARY OF SURVEY

#### DATE SURVEY OPERATIONS

- Aug 14 Tom Pickett mobilized from Perth.

  Set up office.
- Aug 15 Control Established on 99AGS-Y5. Created N-value model and prospect configuration. Meeting with Bruce Golebly, Andrew Owen.
- Aug 16 Survey and Chain 99AGS-Y5 stns 1000-1280 (7.2km)

  Had difficulties due to major line bends, as surveying points in opposite direction to recording.
- Aug 17 Moved area to line 99AGS-Y1 at short notice.

  Point position for first base.

  Survey and Chain 99AGS-Y1 stns 1000-1129 (5.16km)

  Spent ~2hrs trying to get access in Ora Banda Mine to tie into KG-11 trig.

  Lynne Baker arrives in afternoon.
- Aug 18 Safety Induction at Centaur Mine (MT Pleasant) 1.5 hrs
  Survey and Chain 99AGS-Y1 stns 1129-1348 (8.76km)
  Difficulty d/t trees, losing lock. GPS base#2 established.
- Aug 19 Survey and Chain 99AGS-Y1 stns 1348-1664 (12.64km)
  GPS base#3 established. Intersection of Y1 & Y4

- Aug 20 Survey and Chain 99AGS-Y1 stns 1664-1967 (12.12km)

  Line 99AGS-Y1 completed. Tied into KB222. Datum point.
- Aug 21 Survey and Chain 99AGS-Y4 stns 2426-2730 (12.16km)
  GPS static tie on first GPS point. Closed travers loop.
  Static next base.
- Aug 22 Safety meeting with Terracorp.

  Survey and Chain 99AGS-Y4 stns 1974-2426 (18.08km)

  Open plain, some trees. Next base established.
- Aug 23 Survey and Chain 99AGS-Y4 stns 1650-1974 (12.96km)

  Difficulty d/t overhead powerlines interfering with radio corrections.

  Control ties to KB56 & KB57
- Aug 24 Survey and Chain 99AGS-Y4 stns 1240-1650 (16.40km)
- Aug 25 Survey and Chain 99AGS-Y4 stns 1020-1240 (8.80km)
  Survey tie into G25-1, next base established at Int Y5 & Y2
- Aug 26 Survey and Chain 99AGS-Y5 stns 1180-1720 (21.60km)
- Aug 27 Survey and Chain 99AGS-Y2 stns 1860-2270 (16.40km)

  New base established at highway.
- Aug28 Terracorp safety meeting.

  Survey and Chain 99AGS-Y2 stns 1600-1860 (10.80km)

  Re-established base at highway.
- Aug 29 Survey and Chain 99AGS-Y2 stns 1162-1600 (17.52km)
  Closed traverse loop into Int of Y2 & Y4
- Aug 30 Survey and Chain 99AGS-Y2 stns 1050-1162 (4.48km)

  Safety Induction with Normandy Mine, and KCGM

  Control on 99AGS-Y2. Problems getting access through mine site.

- Aug 31 Survey and Chain 99AGS-Y3 stns 1510-1880 (14.80km)
  Slow through KCGM
- Sep 01 Survey and Chain 99AGS-Y3 stns 1230-1510 (11.20km)
  Yilgarn 2D completed.
- Sep 02 Final survey processing completed, and handed in.

  Final survey report started, ½ completed.

  Maintenance on vehicle and equipment, pinflags ...etc
- Sep 03 Demobilisation from Kalgoorlie



#### **OPERATIONAL ASPECTS**

The survey of the five lines on this project was relatively fast. A total of 210.680 kilometres was surveyed in 16 days giving an average daily production rate of just over 13 kilometres per day.

The prospect consisted of thick tree coverage, open mud flats and salt lakes, mine sites, and along existing gravel tracks and haulage roads. This enabled quite quick acquisition in the survey data where very few obstacles were of hindrance.

Two people were required in the survey, as the seismic lines were quite long and very bent. This was to enable the pinflags to be placed on the left had side of the seismic line, and to keep a running chainage through radial pegging.

There was no down time due to equipment problems, nor were there any problems with GPS due to poor satellite geometry and availability.



## CONCLUSIONS AND RECOMMENDATIONS

The prospect area was well suited to RT20 GPS system due to its openness.

Two surveyors were required in the survey operations, so as to keep a lead over the recording crew. This was mainly due to the fact that the seismic lines were relatively long and bendy. If the seismic lines were substantially shorter, one surveyor would have been sufficient.

The survey control network tied in well with the surrounding survey marks and all new points of survey met the required survey tolerances.

Submitted by,

Jom Pickett



**APPENDICES** 

Control Survey, Miscloses and Ties

#### Coordinates are AMG84 Zone 51 Central Meridian 123° Heights are AHD, using OSU89A N-value model

#### **CONTROL POINTS FOR SURVEY**

The following points had a GPS static Observation and was used as a RT20 base.

Station		Easting	Northing	Elevation	Comments
99AGS-Y1	1060	308432.6	6629679.9	414.7	Coolgardie Rd
99AGS-Y1	1347+16	318038.1	6635761.8	436.0	Grants Hatch Rd
SSM	KB 222	336098.1	6642042.6	424.1	Datum Point
99AGS-Y1	1674+39	329440.9	6640612.6	402.4	x99AGS-Y4
99AGS-Y4	2276+20	331416.9	6625486.0	386.0	Haulage Rd
99AGS-Y4	1730+17	340428.6	6606627.5	342.1	x99AGS-Y2
SSM	KB 56	346973.6	6591003.2	371.7	Gt East. Hwy
Bench Mark	BM UO25	365993.4	6612813.2	374.5	Kanowna T.S.
99AGS-Y5	1465+21	360615.9	6622668.6	335.5	X 99AGS-Y2
99AGS-Y2	1505+12	350027.4	6614506.0	342.6	Menzies Hwy

#### **SURVEY TIES AND MISCLOSES**

Station	a and a second	Easting	Northing	Elevation	Comments
DSS	CNS002	322457.6	6637971.2	413.9	RT20
"CAWSE MINE"	CNS002	322457.9	6637971.2	413.7	CENTAUR
		-0.3	0.0	+0.2	Misclose
DSS	KB57	344663.07	6589084.80	401.12	DAY235
SSM	KB57	344663.16	6589084.39	401.15	3rd ORDER
		-0.09	+0.41	-0.03	Misclose
,					
DSS	KB56	346973.60	6591003.18	371.68	DAY235
SSM	KB56	346973.62	6591002.82	371.73	3rd ORDER
		-0.02	+0.37	-0.05	Misclose

Terracorp Pty Ltd	d - AGSO		8 8	1999 Yilgam 2L	) Seismic Survey
DSS	G25-1	378135.37	6602694.43	448.02	3rd ORDER
SSM	G25-1	378135.60	6602694.02	447.92	3rd ORDER
		-0.23	+0.41	+0.10	Misclose
*			,	*	2 p
DSS	BM UO25	365993.44	6612813.22	374.52	Bench Mark
• .	BM UO25			374.52	Bench Mark
*	*			0.00	Misclose
WHELANS	peg4141	352273	6587609	356.4	97AGS-4
DSS	peg4141	352273.3	6587610.0	356.5	97AGS-4
		+0.3	+1.0	+0.1	Misclose
		п			*
Geopcko?	10032	357147.8	6626069.9	340.4	Gravity Point
BMR EGF1 1991	PM 7235+39	355605.2	6627663.5	344.8	

99AGS-Y5

1644+14

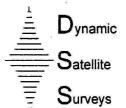
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6627670.4

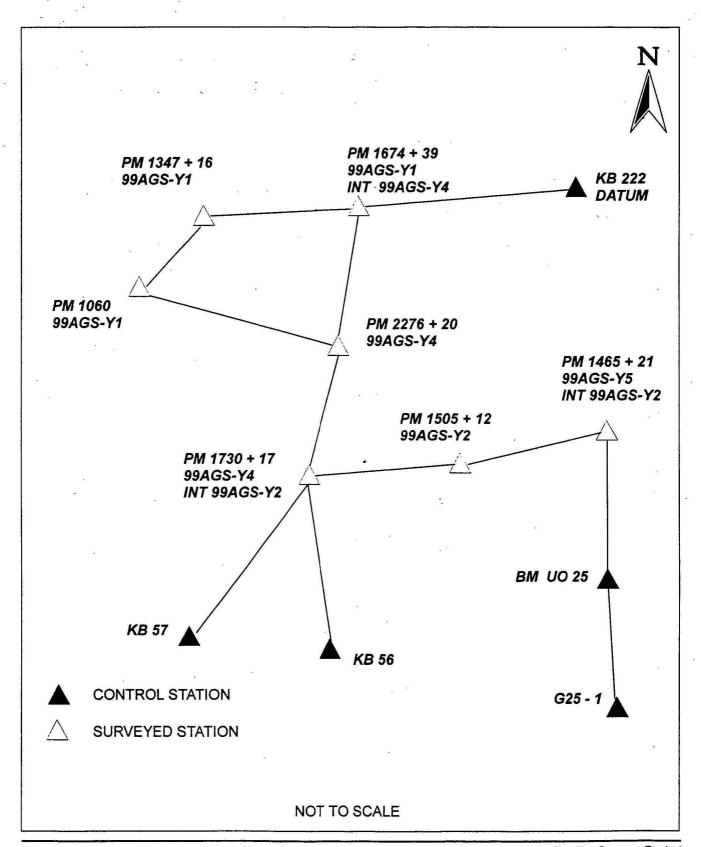
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**Control Network Diagram** 



#### **CONTROL NETWORK**



New Permanent Markers Listing

# Coordinates are AMG84 Zone 51 Central Meridian 123° Heights are AHD, using OSU-89A N-value model Revision 1, September 1999

Permanent N	larkers -				ŭ g
Line	Stn.	Easting	Northing	Elev.	Comments
99AGS-Y1	1060	308432.6	6629679.9	414.7	Coolgardie Rd
99AGS-Y1	1347+16	318038.1	6635761.8	436.0	Grants Hatch Rd
99AGS-Y1	1674+39	329440.9	6640612.6	402.4	x99AGS-Y4
99AGS-Y1	1967	340583.6	6642826.7	388.8	EOL
·		ų.			
99AGS-Y2	1050	336699.1	6604892.3	342.0	EOL
99AGS-Y2	1156+27	340428.6	6606627.5	342.1	X 99AGS-Y4
99AGS-Y2	1505+12	350027.4	6614506.0	342.6	Highway
99AGS-Y2	1863+29	360615.9	6622668.6	335.5	X 99AGS-Y5
99AGS-Y2	2270	376278.0	6621508.0	352.9	EOL
99AGS-Y3	1800	361927.2	6594808.6	349.1	97AGS-K3 3246
99AGS-Y3	1428+28	351239.9	6588380.9	347.3	X 99AGS-Y4
99AGS-Y3	1230	345198.0	6585315.2	364.2	EOL
*					
99AGS-Y4	1020	354441.0	6584188.2	348.8	EOL
99AGS-Y4	1730+17	340428.6	6606627.5	342.1	x99AGS-Y2
99AGS-Y4	2276+20	331416.9	6625486.0	386.0	Haulage Rd
99AGS-Y4	2682+30	329440.9	6640612.6	402.4	x99AGS-Y1
99AGS-Y4	2730	328641.7	6642325.0	399.9	EOL
		ž			В
99AGS-Y5	1000	371264.7	6608890.1	359.5	EOL
99AGS-Y5	1465+21	360615.9	6622668.6	335.5	X 99AGS-Y2
99AGS-Y5	1720	355389.0	6630682.0	342.2	EOL

**New Line Intersections and Diagrams** 

## Coordinates are AMG84 Zone 51 Central Meridian 123° Heights are AHD, using OSU-89A N-value model Revision 1, September 1999

#### **Calculated Line Intersections**

Line/Stn	Line/Stn	Easting	Northing	Elev
99AGS-Y1/1675+05	99AGS-Y4/2682+30	329446.55	6640615.40	402.40
99AGS-Y2/1863+28	99AGS-Y5/1465+24	360616.52	6622671.44	335.57
99AGS-Y2/1156+34	99AGS-Y4/1730+16	340434.14	6606631.28	341.95
99AGS-Y3/1428+36	99AGS-Y4/1157+36	351241.88	6588388.79	347.33

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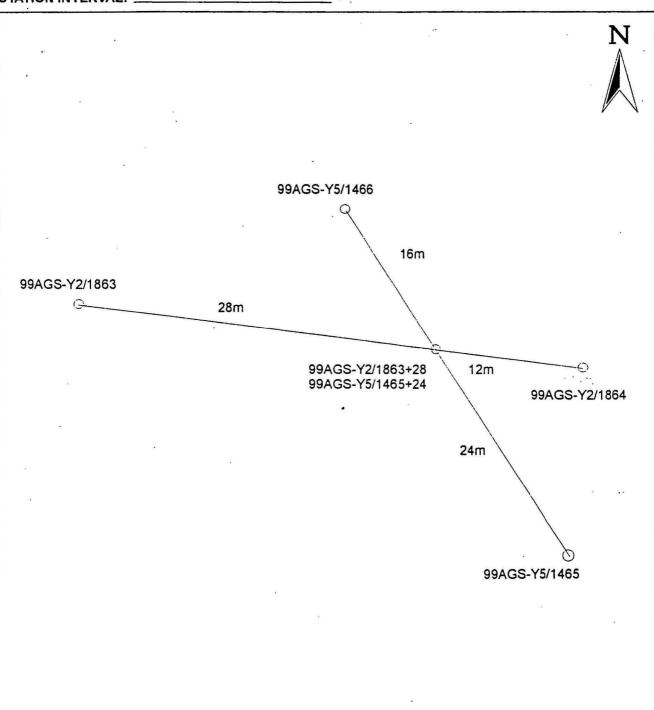
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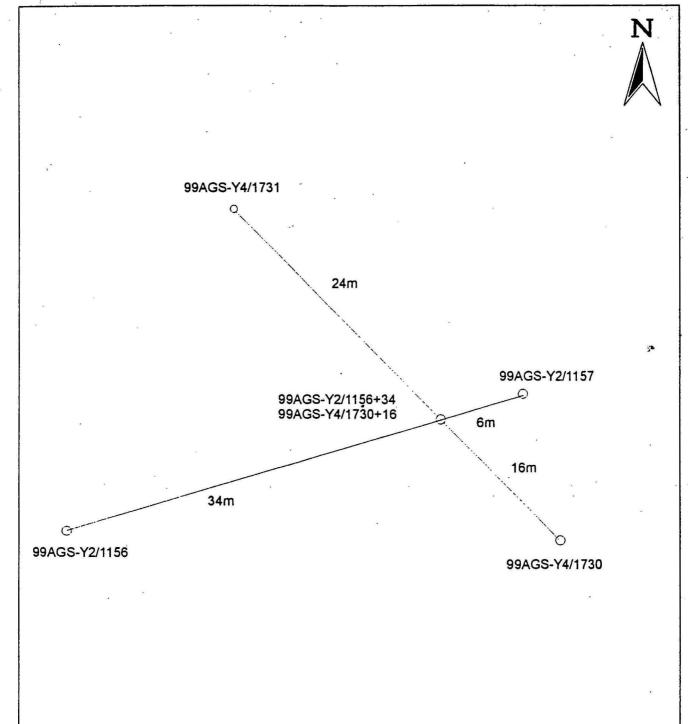
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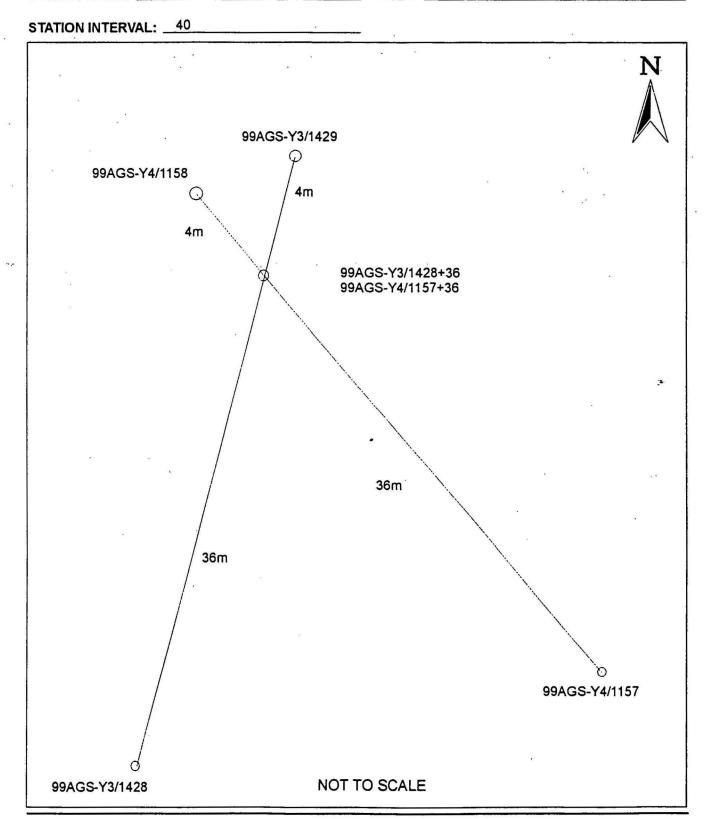
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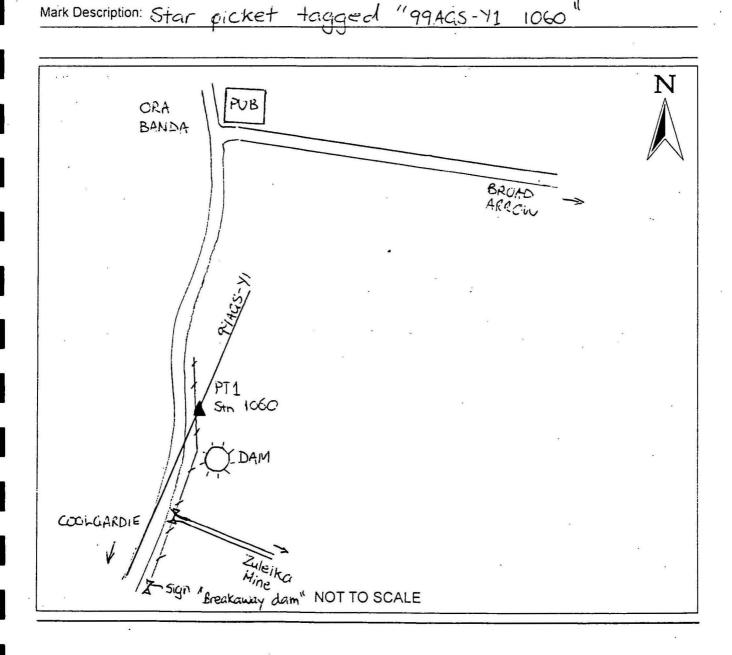
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AREA: YILGARN

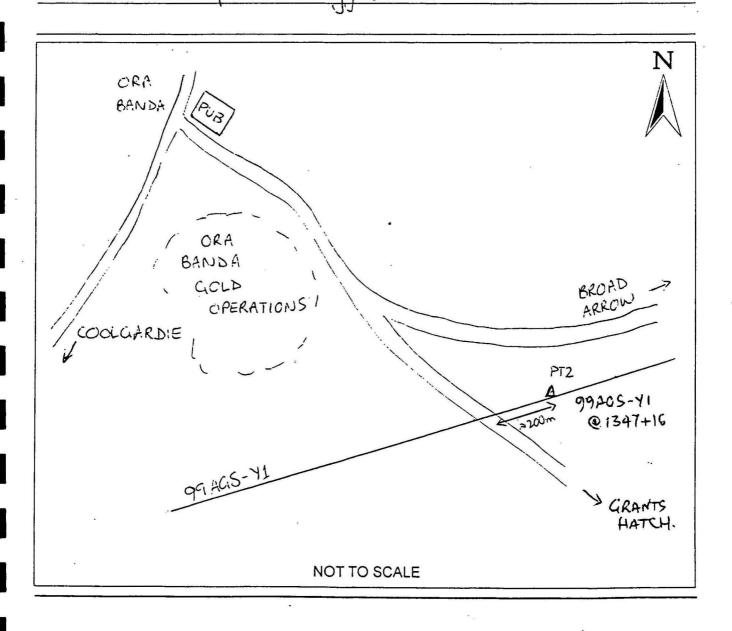


Survey Base Locations

DSS-FF-15 Dynamic STATION LOCATION DIAGRAM **REV 6.0** Mar 1999 Satellite PROJECT/JOB# 99-63 CLIENT AGSO/TERRACORP DAY/DATE 899 Surveys (PT1) 99AGS-YI Sin 1060 STATION NAME: \_\_\_\_ VILGARN AREA: \_ MAP REFERENCE : \_ Vertical Control Information **Horizontal Control Information** 414.705 RL: Easting: 308432 569 6629679.858 AHD Northing: Datum: Datum: AMG Zone: 5/ Origin: KB222 Origin: KB222



Dynamic **REV 6.0** STATION LOCATION DIAGRAM Mar 1999 Satellite PROJECT / JOB # 99-63 CLIENT AGSO TERRACORP DAY / DATE \_ 8/99\_  $S_{\text{urveys}}$ (PT2) 99ACS-YL Stm 1347+16 STATION NAME: \_\_\_\_ YILGARN AREA: \_ MAP REFERENCE : \_ Horizontal Control Information Vertical Control Information Easting: RL: 318038.087 436.033 Northing: Datum: AHD 6635761.769 KB222 Datum: AMG Zone: 51 Origin: KB 222 Origin: 1347+16 " Mark Description: Star picket tagged "99 AGS-41



Dynamic STATION LOCA  Satellite PROJECT / JOB # 99-63 CLI	TION DIAGRAM	DSS-FF-1 REV 6. Mar 1999
Satellite PROJECT / JOB # CLI	ENT AGSO TERRACORP DAY / DATE _	8199
Surveys STATION NAME:	PT3) 99AGS-41 Stn 1674+3	•
AREA: YILGARN	MAP REFERENCE :	
Horizontal Control Information	Vertical Control Information	
Easting: 329440 · 943	RL: 402 · 393	
Northing: 6640612-596	Datum: AHD	
Datum: AMG Zone: 51	Origin: KB222	
Origin: KB 222		
Mark Description: Star picket tagged	"99AGS-Y1 1674+39	
, 33	x 99.4GS-Y4 2 <b>8</b> 82+30 "	
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**REV 6.0** Mar 1999

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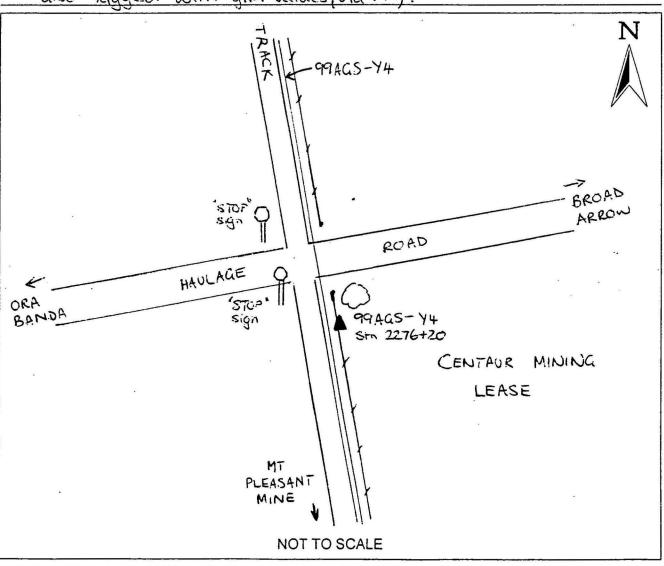
PROJECT/JOB# 41-63 CLIENT AGSO TERRACORP DAY/DATE 399

STATION NAME: 994G5-44 2276+20 (PT4)

YILGARN AREA: \_ \_\_\_\_\_ MAP REFERENCE : \_\_\_ Horizontal Control Information Vertical Control Information RL: 386.009 Easting: 331416.904 Datum: Northing: 6625486.011 CHA Zone: 51 Origin: Datum: KB222 AMC Origin: KB 222

Mark Description: Star Picket tagged "99A45-44 1276+20

also tagged with girl values (oid PM)



E Dynamic STATION LOCA	DSS-FF-1 ATION DIAGRAM REV 6 Mar 199
Satellite PROJECT / JOB # 99-63 CL Surveys STATION NAME: 99	IENT AGSO TERRACORP DAY / DATE 8 79
AREA: YILGARN	_ MAP REFERENCE :
Horizontal Control Information	Vertical Control Information
Easting: 340428.559	RL: 342 058
Northing: 6606627-479	Datum: AHD
Datum: AMG Zone: 51	Origin: KB222
Origin: KB222	
Mark Description: Star picket * tagge.	d "49AQS-Y4 @ 1730+17
	x 99AGS-42"
99ACS- Y4	MT PLEASANT MINE & BLACK FLAG
PM A	994GS-Y2

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Dynamic **REV 6.0** STATION LOCATION DIAGRAM Mar 1999 Satellite PROJECT/JOB# 99-63 CLIENT AGSO TERRACORP DAY/DATE\_ Surveys STATION NAME: 994GS-Y5 14G5+21 YILGARN MAP REFERENCE : \_ Horizontal Control Information Vertical Control Information 335.505 Easting: 360615 963 RL: Datum: AHD Northing: 6622668.650 AMG Zone: 51 Datum: Origin: KB222 KB222 Origin: Mark Description: Star picket 199AGS-45 1465+21 tagged

x 99ACS-Y2 994GS-45 1465+21 SALT LAKE NOT TO SCALE

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Satellite

#### STATION LOCATION DIAGRAM

DSS-FF-15 REV 6.0 Mar 1999

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PROJECT/JOB# 99-63 CLIENT AGSC/TERRACORP DAY/DATE \$199

STATION NAME: 99ACS-Y2

**Horizontal Control Information** 

Vertical Control Information

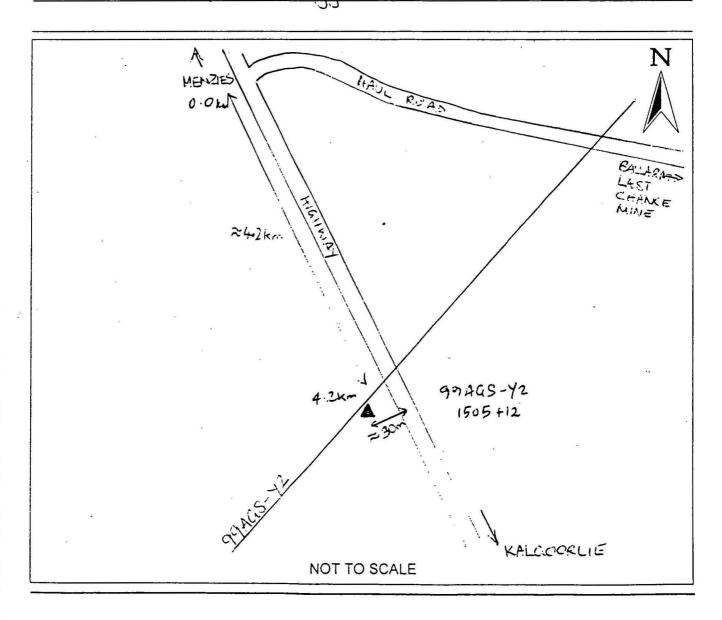
Easting: 350027.453 RL: 342.633

Northing: 6614506.021 Datum: AHD

Datum: AMC, Zone: 51 Origin: KB222

Origin: KB222

Mark Description: Star picket tagged " 99AGS-42 @ 1505+12"



**Chaining Maps** 



LINE 99ACS - Y1

PROSPECT YILGARN CLI	ENT AGSO	PARTYCOM	MPLETED BY LYDRE Baker DATE 18/3/99 PAGE	
DIRECTION SE - NW	STA <sup>*</sup>	TION SPACING 40 m	VP SPACING	
			10 ORA BANDA	
TO COCLGARDIE		*	A R R	R
<b>——</b> ♠ <sup>≥M</sup>	1046	1053	AFMICEO DOZEDTRACK 1120 1121 1144	*
Blue sign  "Breakquay Dam"	Zuleika M.ne	TURKEY NEST	R RACK	<del>Q</del>
•	•	•	· · · · · · · · · · · · · · · · · · ·	e.
OLD SHAFTS		<u> </u>	TO ORA BAND	0A 7+16
•	(201	1234	13+2 △	PM
1192	OLD O	OLD FENCE	TRACK TRACK	<u>.</u>



LINE STAGS-YI

PROSPECT VILCARN CLIENT AGSC PARTY  DIRECTION SE-NW STATION SPACING	COMPLETED BY LYMME BAKET DATE 19/8/99 PAGE Z
ORA BANDA  1368 1370  1364 1365  BROAD ARRO	1377 BURIED WATER PRELINE
PIFELINE FENCE OPEN HER  CANSE MINE LEASE BOUNDARY	1405 1406 1446// 1465



LINE 99AGS-Y1

PROSPECT	YILGARN CLIENT AGSO	PARTYCC	MPLETED BY LYONE P	Saker DATE 19/8	199 PAGE 3
DIRECTION	SE-NW	STATION SPACING 40 ~	VP :	SPACING	·
1465	- 1478 CRAVEL (4487) PIT	"CIVEWAY" SIGN OCUMENTEDINE  1486 ON CHANTEDINE  TAILIN DUM	~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NILL	1608 1609
-	PMA  1677  1674+39  TO BROAD ARROW  ON ORA BANDA  ROAD	1721	1795	1 11 3	D MINE SITE



LINE 99ACS-YI

PROSPECT MILC	ARN CLIENT	AGSO	PARTY	COMPLETED BY	ynne Eaker	DATE 20/8/99	PAGE4
DIRECTION SE			ON SPACING4				
01.	D MINE	MENZIES	1842 PRESS	tek	RAILWITY POWER TRACK  SIE  SUTT	VETTERS SHED STATION	10 00 00 00 00 00 00 00 00 00 00 00 00 0
1849 F650 0 0 0 0	A IRSTRIP	#ICAWAY  #10,4 WAY  #1	1858		;+····································	1.392	PM 



LINE "CY-ACS-42

PROSPECT YILGARN CLIENT AGSC	STATION SPACING 4000000000000000000000000000000000000	VP SPACING DATE 27/8/77 PAGE
PM 2270 ECL	2140 on ne come line 2132 - 2133 2133	2117 2034 PFIS
MUD 1973 1959 FLAT	LAST CHARGE HIME	1864 1863+29 1864 1860



LINE 99ACS- YZ

PROSPECT YILGARN CLIENT AGS	STATION SPACING COMPLETED	OBY Lynne & Town DATE  VP SPACING	28,6179 PAGE 2
17:00	(50FT (SAND) 1730 1730	small track	DROP FEAXE 20m 1704 1651 = 500m
BLC Mine  Dirches  PIPELINE  Light wernche  yo around  (1610. 1580. 1539)	DADP - PENCE 1500	KALGORIJE  TOGHE  1506  PM 15	



LINE SPACIS-YZ

PROSPECT DIRECTION	~	CLIENT AGSC	STATION SPACING	COMPLETED BY LYCCE & TOO DATE	29 8 99 PAGE 3
				111111111	Ivon >
• .		· . •	• •		SALT LAKE
				3com	100m/!
•	City PIOELINE	POWER RAILINAY		SALT LAKE 300	177400m
•	1410	1469 । १५८६ - १५५७	144.6 Hi52 1444	( GO AROUND)	1420



LINE 99ACS-Y2

PROSPECT	YILGARIN CLIENT	AGSO PART	ҮСОМ	PLETED BY LY	ne & Tom DA	TE 29/8/99	PAGE4
DIRECTION	E-M	STATION SPA	cing 4Cm	s	VP SPACING		
	RCCH					TO FLINE TENCE TENCE (LINE MASSIM)	TO FENCE
· 1406	HILL 1403		57 1355	1217	SALT SALT	166	<u> 1165</u>
•	W. KMCORLIE	*/ 		• • • • • •	LAKE		•
	112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 112.8 12.8	PM1156+27	1112			1105C	SALT LAKE
	CONEX A					.·	



LINE YTAKS - 43

PROSPECT	YILGARN CLIE E-W		PARTY	COMPLETED BY Lyon:	e & Ton D		.PAGE
-18%C EOL		DRUP PENXE PENXE	97.3CS-K3 3246 PM 99.AGS-Y3 1800	TO KAL-RULONICI RUAD		POWER CO	€; Tc#
0 0 105		LOCKED CATE 1743 174C	7739	1725 • 1734 17	NES 1729 •	1727 1727 1720 1727 1720	6

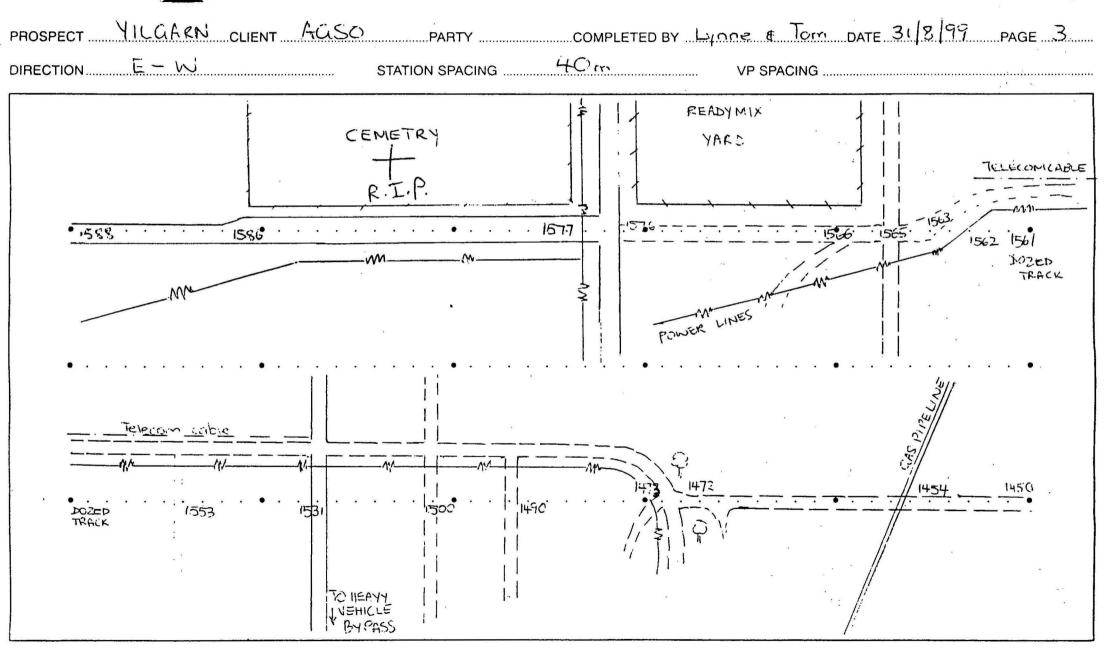


LINE 99ACS-Y3

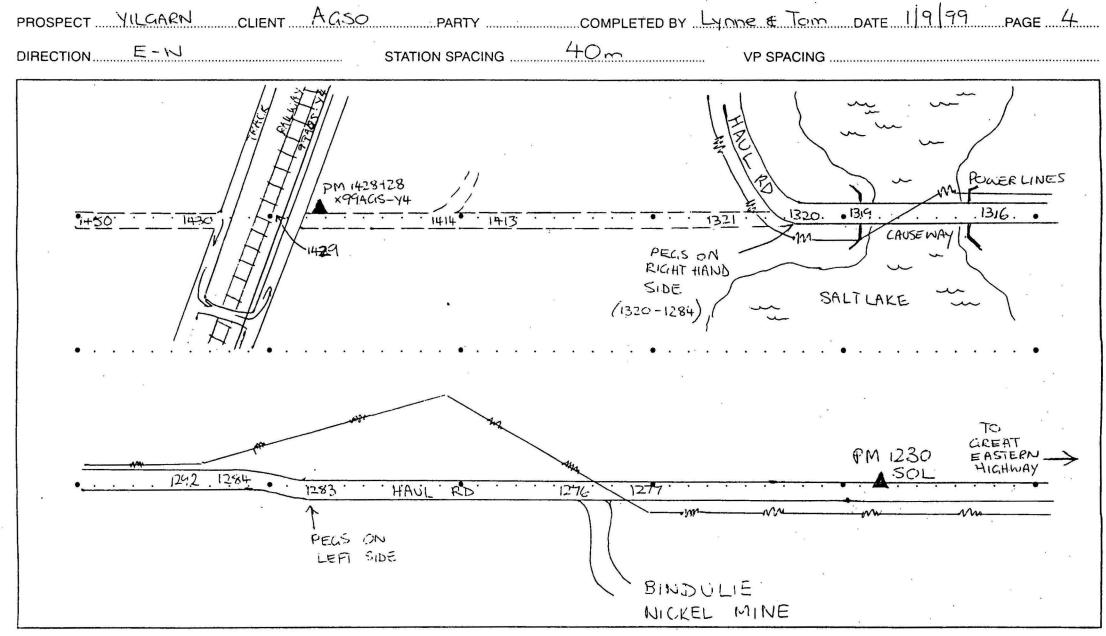
PROS	SPECT YILCIARN CLIENT ACISO PARTY COMPLETED BY LYDINE & TOM DATE 34/8/99 PAGE 2
DIREC	CTION = - W STATION SPACING 4Cm VP SPACING
	LCCKED  LATE  LTIG  AND  LAKE  MENITORING  HAND CARRY  LOCKED
	BCOM CATE  1055 TIUSH  POND  POND  POND  FOND  F



LINE 99ACS - Y3



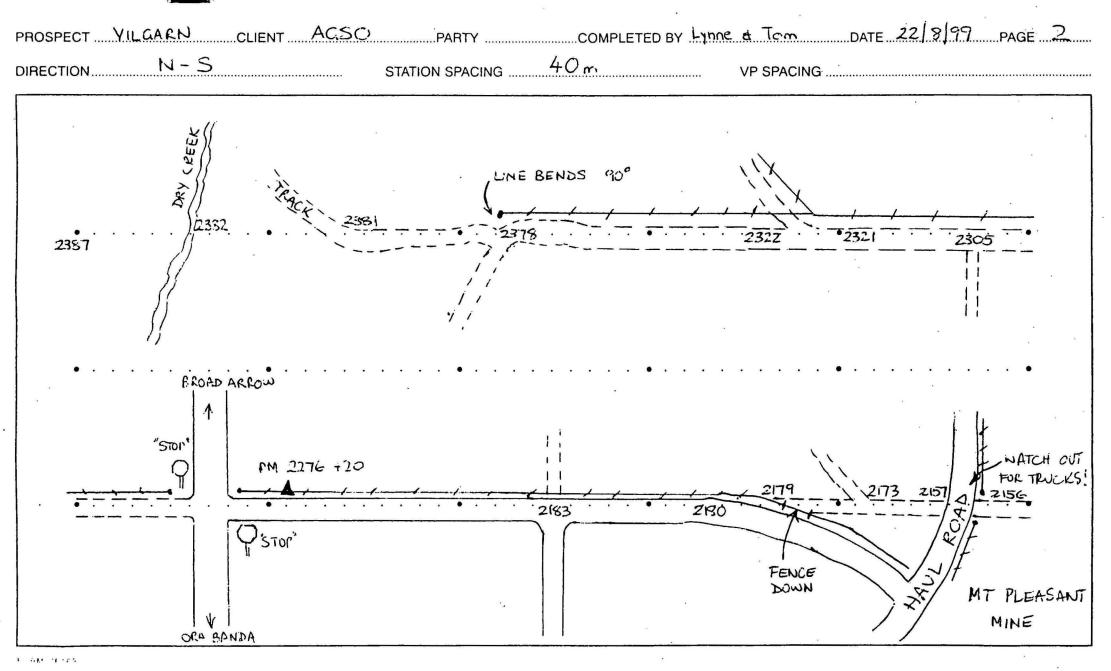




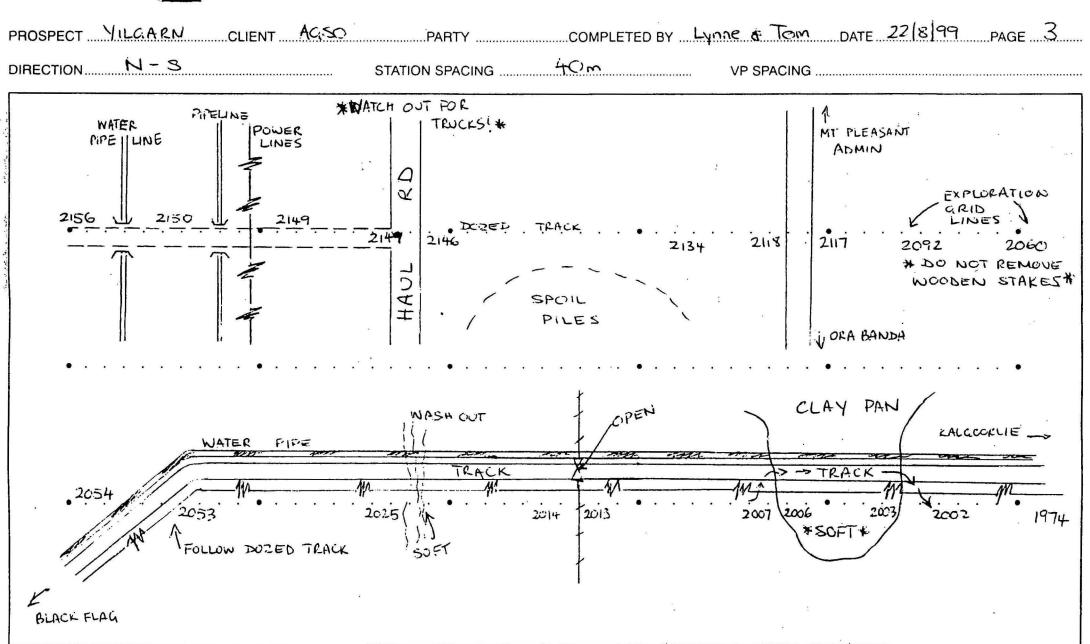


PROSPECT YILGARN CLIENT AGSO	PARTY	СОМРLЕТЕО ВУ	Eaker DATE 21/8/99 PAGE 1
DIRECTION N-S	STATION SPACING 4	Om vps	SPACING
27:30 EOL 2682+3  PM Dozed track 2683 PM	A CLA H	CAS 12561 AUL ROAD 7 PELL VE	2651 12552  X DANGERX  WATCH CUT FOR  TRUCKS!!!  STOCKPILES
2499 2499 2499 2499	BROAD ARROW  IN CENTRE!  OF RUAD  Dozed training	ROCKY HILL 2428 (2426)	2393// 2389 ( 2388 ) 2387











LINE 99AGS - Y4

PROSPECT YIL CARN CLIENT	PARTY	COMPLETED BY Lynne a T	om DATE 23 8 99 PAGE 84
DIRECTION N-S	STATION SPACING4C	VP SPA	CING
	TRACK		
TRACK  M DOZED LI	M M 1902 1900 1398	, , , , , , , , , , , , , , , , , , , ,	TRACK  M. W. W.  1885 DOZED LINE
	RCCKY HILL	SALT SLAKE TO	
WATER PIPE	JANIA (		WATER PIPE
TRACK  DOZED LINE  CG	MANUAL LAKE	#	87.5 1304 1803 CLAY 1791 1795 FAN (SOFT) *VIBS
1	uni)		MAY HAVE TO USE TRACK *



PROSPECT YILGARN CLIENT AGS  DIRECTION N - S	STATION SPACING 40m VP SPACING	a a
MATER PIPE  TRACK  MOZED 1762  1795 HNE CLAY PAN	SALT LAKE  W. 1150 SOFT 1 PM 1730+17  SALT LAKE  1701 1705	M ISIT /ISIO MI DOZED LINE
TRACK  1610  160  160  160  160  160	EM CLD PENCE	1333 1330



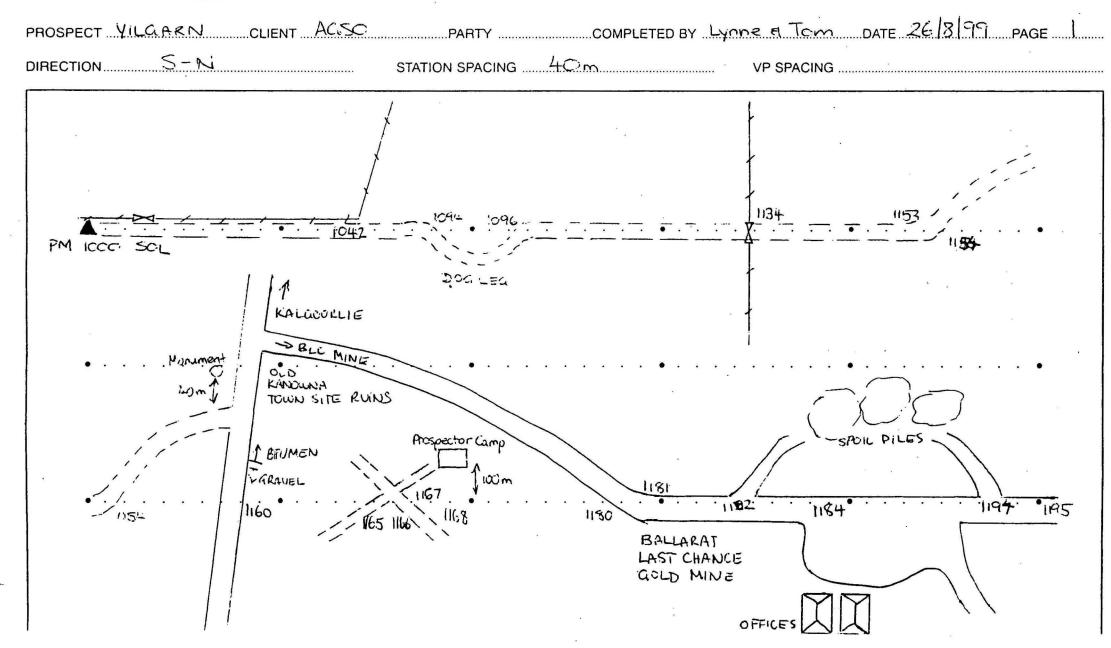
PROSPECT YILGARN CLIENT AGSO	PARTY	COMPLETED BY LYDIC	# TOM DATE 24/8/99 PAGE 5
DIRECTION N-S		•	SPACING
POWER LINES.  133C BENDY  RASIC TOWER	1309 1308 1307 * Access	Half way down railway bank 1302	MALGORLIE AREAT 1277 1276 1274  MALGORLIE AREAT 1277 1276 1274
BOULDER RIFLE CLUB  1265  1265  NATER PIPE  FAIL DON'T LINE POWER LINE	AN .	1073 II	GRAVEL PILES



LINE SPIACIS- Y4

		·			ŧ		
POWERLINES AM	*1052 105	Nyn-	1049 ·	1046	VI	1020 SOL	<u>м</u> 2
•	•	•	•		•		







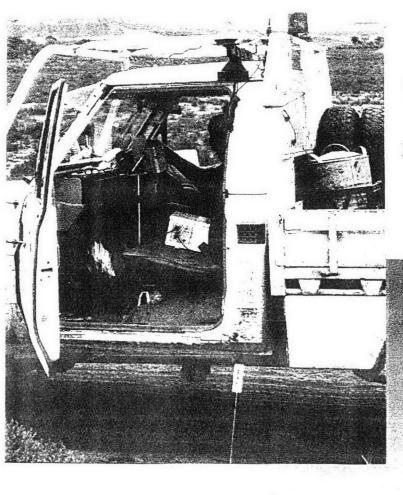
PROSPECT YILGARN CLIENT AGSO PARTY COMPLETED BY LYDRE & TOM DATE 26/3/99 PAGE Z  DIRECTION S-N STATION SPACING 4CM VP SPACING
BALLARAT LAST CHARGE
FENER LINES
1198 199 1200 1205 1211 1235 1236 1237 1305 1305 1305 1305 1305 1305 1305 1305
PIPE SPOIL PILES
PM 1465+21  1465  1467  1467  1468  1500
HILL THE



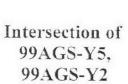
LINE 99ACS-Y5

-1500	1589 629	— — — — — — — — — — — — — — — — — — —		Pn
	•,		SALT LAKE	· E
• • • • • • • • • • • • • • •	, • ,		•	• • • • •
	•			

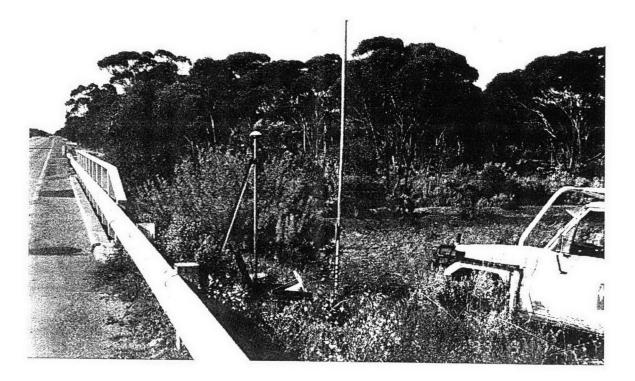
Photographs

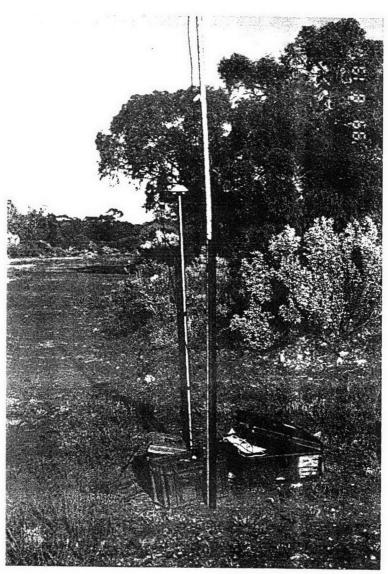


Online 99AGS-Y3 Open Plain/ Salt Lakes Mine in Background









Base Station at KB56 Great Eastern Highway

Base Station at PM 1347+16. 99AGS-Y1

#### **APPENDIX H - ANSIR YILGARN STATS**

