

PROJECT	P2011043
CLIENT	UEL
PROJECT AREA	NABARLEK
SUPERVISORS	AC/JB
OPERATORS	AC/JB
SURVEY SIZE	1680
VEHICLES	1CVF-258

atlas
G E O P H Y S I C S

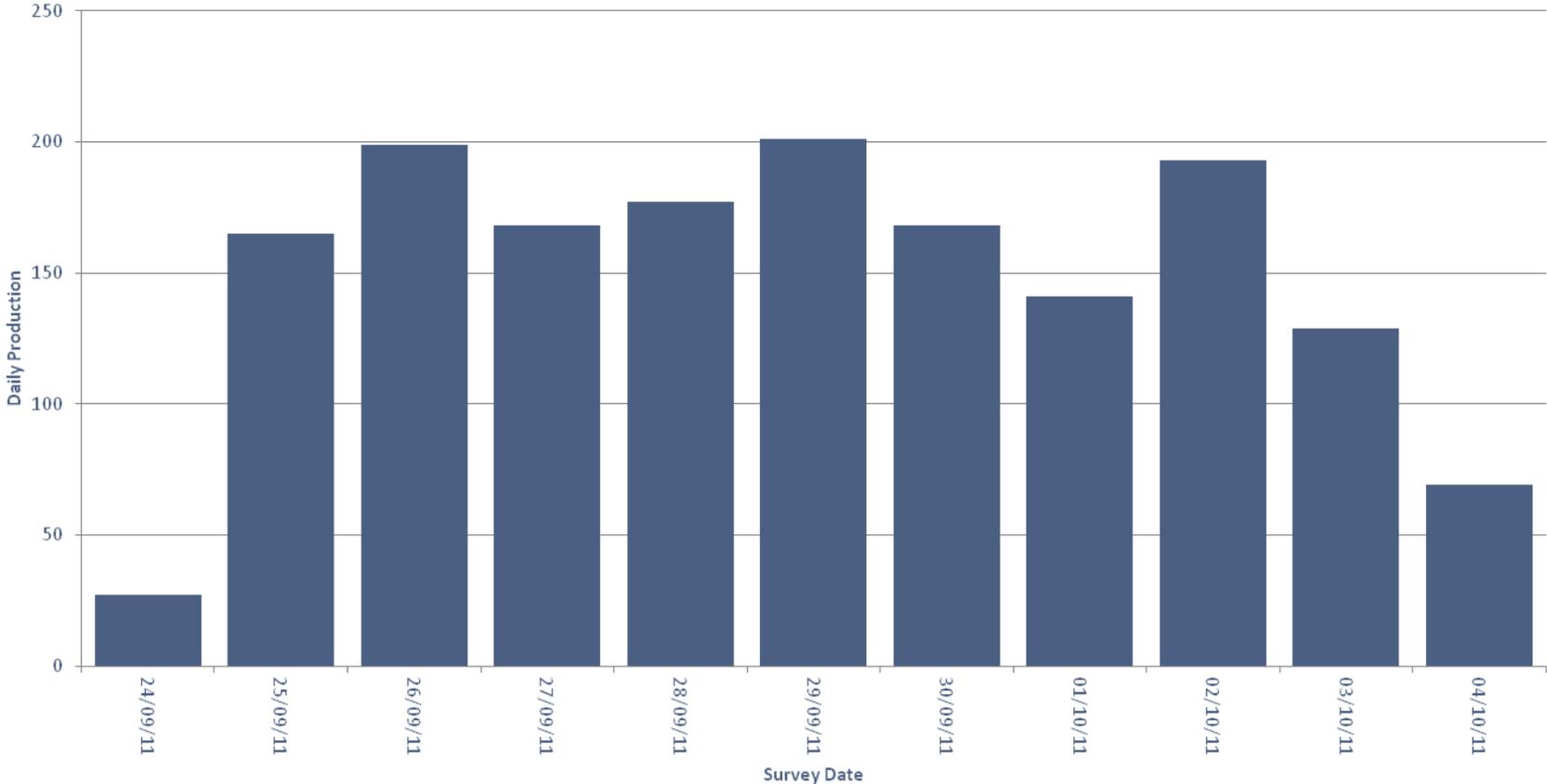
Production Table

DATE	MOB STANDBY %	SURVEY %	40428 FIELD	40428 REPEAT	40428 %REPEAT	FIELD TOTAL	REPEAT TOTAL	SURVEY TOTAL	SURVEY REMAIN	SURVEY REPEAT	SURVEY %REPEAT	SURVEY % COMPLETE
24/09/11	50%	50%	27	1	3.70%	27	1	27	1653	1	3.70%	1.61%
25/09/11	0%	100%	165	6	3.64%	165	6	192	1488	7	3.65%	11.43%
26/09/11	0%	100%	199	6	3.02%	199	6	391	1289	13	3.32%	23.27%
27/09/11	0%	100%	168	4	2.38%	168	4	559	1121	17	3.04%	33.27%
28/09/11	0%	100%	177	2	1.13%	177	2	736	944	19	2.58%	43.81%
29/09/11	0%	100%	201	4	1.99%	201	4	937	743	23	2.45%	55.77%
30/09/11	0%	100%	168	12	7.14%	168	12	1105	575	35	3.17%	65.77%
01/10/11	0%	100%	141	9	6.38%	141	9	1246	434	44	3.53%	74.17%
02/10/11	0%	100%	193	6	3.11%	193	6	1439	241	50	3.47%	85.65%
03/10/11	0%	100%	129	8	6.20%	129	8	1568	112	58	3.70%	93.33%
04/10/11	0%	100%	69	6	8.70%	69	6	1637	43	64	3.91%	97.44%

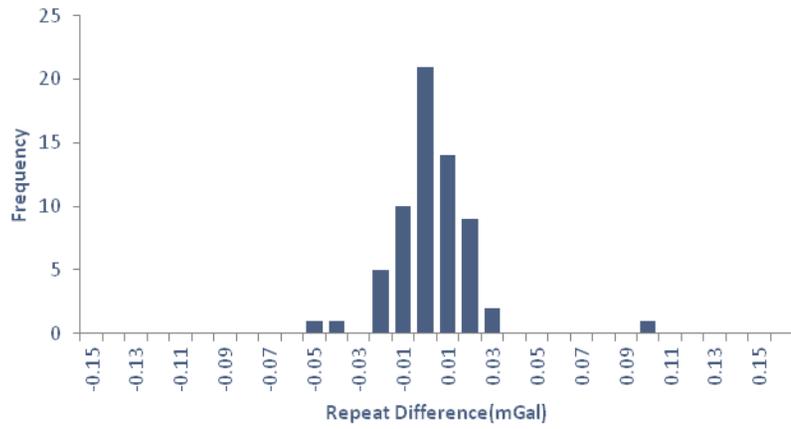
Supervisor Comments:

DATE	COMMENT
24/09/11	Today the crew packed up the equipment at Myra camp and conducted an ABA gravity tie from Myra to Nabarlek in the morning. They then set up a GPS base for the project and ran lines for the remainder of the day. There were no safety issues for the day.
25/09/11	Today the crew left camp at 0620 and started at the far western side of the grid and ran lines going north to south all day. The crew had trouble with satellites between 1.30pm and 2.30pm but it didn't affect production in any notable way. There were no safety issues.
26/09/11	Today the crew left camp at 0615 and ran lines going north to south all day. No problems occurred during the course of the day and the crew returned to camp in the late afternoon.
27/09/11	Today the crew left camp at 0645 and drove out to the starting point for the day. The crew ran lines north and south all day. There were some minimal issues with lock due to some areas that had dense tree coverage. No safety issues arose during the course of the day.
28/09/11	Today the crew left camp at 0615 and ran lines north and south all day. The crew had issues with lock beginning around 1530 and it gradually got worse until the end of the day. The crew had to take several detours to get across the 2 rivers running across their lines. No safety issues arose during the course of the day.
29/09/11	Today the crew left camp at 0615 and ran lines north and south all day. The crew had issues with lock beginning around 1530 until 1630, it was fine for the rest of the day. There were again some delays for creek crossings. No safety issues arose during the course of the day.
30/09/11	Today the Crew left camp at 0615 and ran lines north and south all day. They had issues with lock beginning around 1630. It rain heavily for about 20 minutes today. No safety issues arose during the course of the day.
01/10/11	Crew left camp at 0615 and ran lines north and south all day. The crew discovered there are sections on the grid that are unreachable due to steep rocky terrain. At 1600 it began to rain and at 1630 lightning was present so the crew finished for the day.
02/10/11	The crew left camp at 0615 and ran lines north to south all day. No safety issues arose during the course of the day.
03/10/11	Today the crew left camp at 0615 and ran lines north and south all day picking up all the points that surrounded the rock face. No safety issues arose during the course of the day.
04/10/11	Today the crew left camp at 0615 then finished the rest of the remaining points in the survey. No problems with lock or terrain. No safety issues.

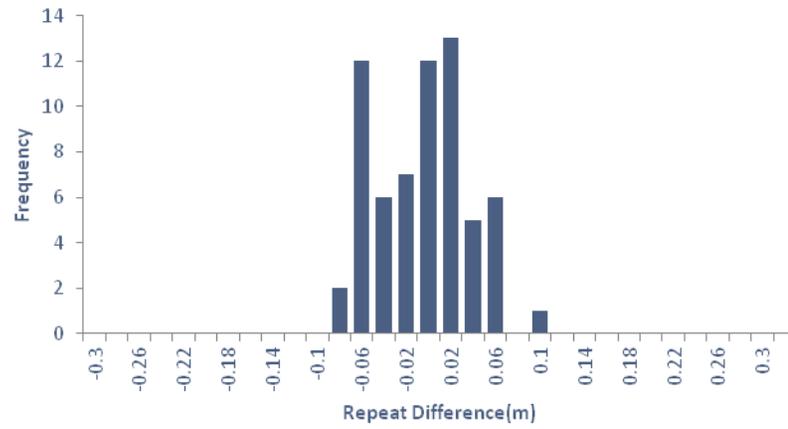
Daily Production Chart



Histogram of Gravity Repeat Differences



Histogram of Elevation Repeat Differences



FIELD	MEAN	SD	MINIMUM	MAXIMUM
DIFFEASTM	-0.030	0.245	-1.949	0.133
DIFFNORTHM	-0.077	0.601	-4.804	0.058
DIFFHTM	0.005	0.042	-0.079	0.116
DIFFOBSSGMGAL	0.008	0.019	-0.048	0.104
DIFFOBSSGGU	0.080	0.193	-0.480	1.040