827223
LARA
92B/13

Monday, Sept. 12
1983

L 55+00W

Tx = 15+25 N

CALIBRATION

Tx	PFE
12	5.4
23	6.2
34	6.0
45	5.5
56	4.7
67	5.1

	Rx	Tx	V	SL	I	PFE
A	1325-1350	12	432	10	175	8.6N
B	1350-1375	12	102	100	180	12.3
		23	110	100	125	13.0
C	1375-1400	12	372	100	185	12.8
		23	337	100	125	15.2
		34	210	100	150	12.8

Rx	Tx	V	Sc	I	PFE
D 1400-1425	12	260	1V	185	16.8
	23	158	1V	130	18.8
	34	664	100	150	16.5
	45	326	100	140	11.1
E 1425-1450	23	644	1V	130	17.0
	34	115	1V	150	19.4
	45	341	100	140	13.6
	56	159	100	180	13.7
F 1450-1475	34	986	1V	150	10.1
	45	906	100	140	10.5
	56	297	100	175	9.2
	67	137	100	200	8.1
G 1475-1500	45	783	1V	140	9.2
	56	135	1V	175	10.4
	67	470	100	200	7.8
H 1500-1525	56	522	1V	175	6.9
	67	103	1V	200	6.4
I 1525-1550	67	286	1V	200	3.7
	BACKSIGHT				
L 1600-1625	56	281	1V	180	9.3
	45	535	100	140	8.3
	34	289	100	150	8.7
	23	135	100	130	13.2
M 1625-1650	67	292	1V	200	9.0
	56	605	100	175	8.1
	45	204	100	140	8.2
	34	136	100	150	10.0
N 1650-1675	67	126	1V	200	10.4
	56	378	100	175	9.6
	45	162	100	140	9.0
O 1675-1700	67	414	100	200	8.4
	56	158	100	175	8.6
P 1700-1725	67	112	100	200	9.3

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Monday Sept 12

L 56+00W

Tx = 15+75N

CALIBRATION

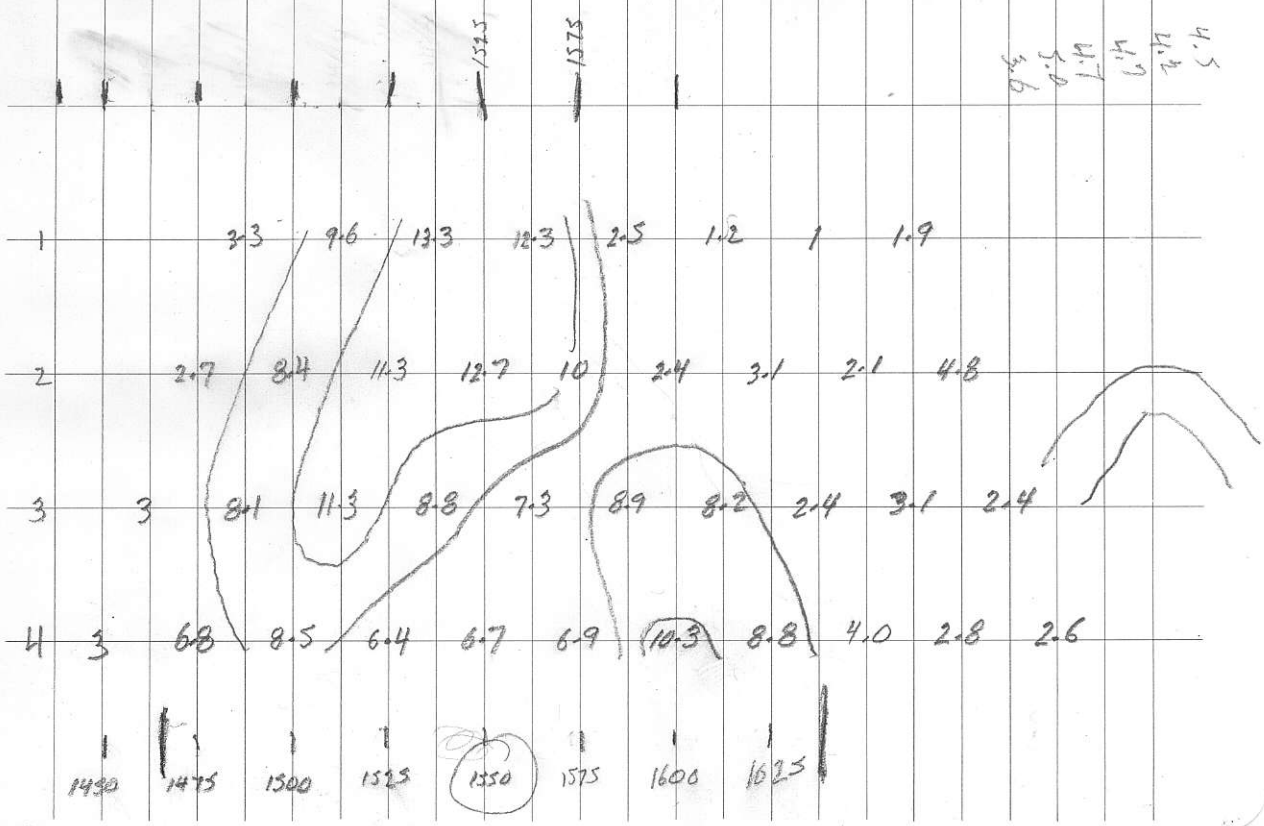
Tx	PFE
12	4.5
23	4.2
34	4.7
45	4.7
56	5.0
67	3.6

	Rx	Tx	V	S<	I	PFE
A	1375-1400	12	154	100	195	7.5 (3)
B	1400-1425	12	297	100	195	7.5 (3)
		23	672	10	165	11.0 (6.8)
C	1425-1450	12	759	100	195	7.2 (2.7)
		23	131	100	165	12.3 (8.1)
		34	491	10	105	13.2 (8.5)

I PFE

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc		
D 1450-1475	12	347	IV	195	7.8 (3.3)
	23	354	100	165	12.6 (8.4)
	34	106	100	105	16.0 (11.3)
	45	213	100	160	11.1 (6.4)
E 1475-1500	23	235	IV	165	13.8 9.6
	34	355	100	105	16.0 11.3
	45	526	100	160	13.5 (8.8)
	56	260	100	175	11.7 6.7
F 1500-1525	34	182	IV	105	18.0 13.3
	45	107	IV	160	17.5 12.7
	56	399	100	175	12.2 7.3
	67	186	100	155	10.5 6.9
G 1525-1550	45	249	IV	165	17.0 12.3
	56	500	100	175	15.0 10
	67	176	100	155	12.5 8.9
H 1550-1575	56	615	IV	175	7.5 2.5
	67	711	100	155	6.0 2.4
I 1575-1600	67	351	IV	155	4.8 1.2
	BACKLIGHT				
L 1650-1675	56	398	IV	180	6.0 1.0
	45	107	IV	165	7.8 3.1
	34	134	100	105	12.9 8.2
	23	182	100	165	14.5 10.3
M 1675-1700	67	325	IV	155	5.5 1.7
	56	819	100	180	7.1 2.1
	45	361	100	165	7.1 2.4
	34	552	10	105	13.5 8.8
N 1700-1725	67	101	IV	155	8.4 4.8
	56	380	100	180	8.1 3.1
	45	812	100	165	8.7 4.6
O 1725-1750	67	409	100	155	6.0 2.4
	56	197	100	180	7.8 2.8
P 1750-1775	67	198	100	155	6.2 2.6


1525
1575
1 3.3 9.6 13.3 12.3 2.5 1.2 1 1.9
2 2.7 8.4 11.3 12.7 10 2.4 3.1 2.1 4.8
3 3 8.1 11.3 8.8 7.3 8.9 8.2 2.4 3.1 2.4
4 3 6.8 8.5 6.4 6.7 6.9 10.3 8.8 4.0 2.8 2.6
1450 1475 1500 1525 1550 1575 1600 1625

Sunday Sept 11

L 57+00W

Tx = 15+50

CALIBRATION

Tx	PFE
12	3.4
23	2.5
34	5.4
45	5.8
56	4.5
67	4.8

	Rx	Tx	V	Sc	I	PFE
A	1350-1375	12	169	100	185	4.7
B	1375-1400	12	267	100	185	3.4
		23	146	100	140	3.3
C	1400-1425	12	688	100	185	3.8
		23	294	100	140	3.5
		34	115	100	125	4.5

Rx	Tx	V	SL	I	PFE
D 1425-1450	12	426	IV	185	4.1
	23	954	100	140	3.8
	34	302	100	130	4.4
	45	156	100	135	5.8
E 1450-1475	23	244	IV	140	4.0
	34	539	100	130	3.9
	45	224	100	135	6.0
	56	769	10	130	9.5 N
F 1475-1500	34	270	IV	130	4.0
	45	715	100	135	4.8
	56	1779	100	130	10.6
	67	649	10	125	9.0 N
G 1500-1525	45	444	IV	135	6.3
	56	740	100	130	10.8
	67	163	100	125	12.6
H 1525-1550	56	467	IV	130	10.2
	67	372	100	125	11.4
I 1550-1575	67	104	IV	135	17.0 N
	BACKSIGHT				
L 1625-1650	56	300	IV	140	14.8
	45	614	100	150	13.8
	34	255	100	150	11.4
	23	169	100	150	10.2
M 1650-1675	67	242	IV	135	11.5
	56	517	100	140	16.2
	45	223	100	150	12.9
	34	119	100	150	11.1
N 1675-1700	67	884	100	135	6.9
	56	300	100	140	16.0
	45	169	100	150	13.2
O 1700-1725	67	342	100	135	6.9
	56	160	100	140	16.0
P 1725-1750	67	116	100	135	8.1

O/C at 1690 N

R. D. PENHALL LTD. DUKSBAK WATERPROOF MADE IN B.C.

Sunday Sept 11

L 57+00N

Tx = 8+50N

CALIBRATION

Tx	PFE
12	2.7
23	2.7
34	1.5
45	2.4
56	2.7
67	4.8

	Rx	Tx	V	Sc	I	PFE
A	650-675	12	266	10	150	2.0 N
B	675-700	12	425	10	150	2.1
		23			130	To Noisy
C	700-725	12	101	100	150	4.8
		23	510	10	130	3.0 N
		34	255	10	140	1.0 (VFN)

R D PENHALL LTD
DUKSBAK WATERPROOF
MADE IN B.C.

Rx	Tx	V	Sc	I	PFE
D 725-750	12	752	100	150	2.6
	23	260	100	130	4.5
	34	108	100	140	3.6
	45	745	10	130	3.0
E 750-775	23	185	10	130	3.9
	34	540	100	140	3.9
	45	320	100	130	2.7
	56	156	100	120	4.0
F 775-800	34	862	100	140	3.5
	45	380	100	130	3.0
	56	158	100	120	3.9
	67	498	10	100	5.2
G 800-825	45	118	10	130	4.2
	56	338	100	120	3.0
	67	908	10	100	5.1
H 825-850	56	790	100	120	1.4
	67	132	100	100	15.0
I 850-875	67	574	100	100	5.4
	BACK SIGHT				
L 925-950	56	864	100	120	3.0
	45	213	100	130	3.9
	34	812	10	140	3.0
	23	629	10	130	3.0 N
M 950-975	67	498	100	100	5.1
	56	198	100	120	4.5
	45	760	10	130	4.4
	34	371	10	140	3.4 N
N 975-1000	67	198	100	100	6.8
	56	118	100	120	6.4
	45	590	10	130	4.5 N
O 1000-1025	67	636	10	100	7.5
	56	487	10	120	5.7 N
P 1025-1050	67	678	10	100	8.9

FRIDAY SEPTEMBER 9

L 63+00 W

Tx = 11+00 N

CALIBRATION

12	4.8
23	4.7
34	6.3
45	5.8
56	6.0
67	5.8

Rx	Tx	V	Sc	I	PFE
A 900-925	12	N/R		110	To noisy
B 925-950	12	143	10	110	7.0 N
	23	091	10	100	9.0 N
C 950-975	12	676	10	110	7.3
	23	349	10	100	6.4 N
	34	266	10	115	7.0 N

Rx	Tx	V	Sc	I	PFE
D 975-1000	12	370	100	100	7.6
	23	118	100	100	6.9
	34	698	10	115	6.9
	45	478	10	100	7.0
E 1000-1025	23	764	100	100	7.2
	34	250	100	115	6.9
	45	154	100	100	7.5
	56	104	100	160	6.9
F 1025-1050	34	120	1V	115	7.5
	45	520	100	100	6.6
	56	329	100	160	5.9
	67	253	100	150	8.0
G 1050-1075	45	303	1V	100	6.3
	56	149	1V	160	8.3
	67	101	1V	150	9.0
H 1075-1100	56	429	1V	160	8.1
	67	234	1V	150	8.4
I 1100-1125	67	126	10V	150	9.3
	BACKSIGHT				
L 1175-1200	56	184	10V	160	7.7
	45	206	1V	100	6.9
	34	106	1V	115	7.2
	23	336	100	100	5.7
M 1200-1225	67	343	1V	150	9.4
	56	625	100	160	9.0
	45	123	100	100	10.5
	34	953	10	115	9.0
N 1225-1250	67	888	100	150	17.0
	56	285	100	160	14.0
	45	100	10	100	13.0
O 1250-1275	67	387	100	150	16.0
	56	143	100	155	13.8
P 1275-1300	67	178	100	150	13.0

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

FRIDAY SEPTEMBER 9

Thur Sept 8

L64+00W

Tx=12+00N

CALIBRATION

Tx	PFE
12	6.6
23	5.7
34	5.4
45	5.3
56	2.9
67	2.0

Rx	Tx	V	Sc	I (BG)	PFE
A 1000-1025	12	No Reading Too Noisy		125	
	12	579	10	125	8.3 N
B 1025-1050	23	412	10	120	6.3 N
	12	153	100	125	8.6
C 1050-1075	23	982	10	120	5.9
	34	495	10	120	6.0

	Rx	Tx	V	Sc	I	PFE
D	1075-1100	12	221	100	125	8.1
		23	334	100	120	5.9
		34	148	100	120	6.7
		45	953	10	115	6.6
E	1100-1125	23	130	1V	120	7.5
		34	465	100	120	5.7
		45	275	100	115	6.6
		56	149	100	180	4.6
F	1125-1150	34	960	100	120	5.4 VN
		45	486	100	115	5.7 N
		56	260	100	185	5.1 N
		67	115	100	120	8.7 N
G	1150-1175	45	150	1V	115	6.1
		56	609	100	185	3.5
		67	226	100	120	8.1
H	1175-1200	56	112	1V	185	4.2
		67	248	100	120	8.4
I	1200-1225	67	104	1V	120	10.2 N
		BACKSIGHT				
L	1275-1300	56	137	1V	185	5.1
		45	308	100	115	10.8
		34	162	100	120	11.0
		23	138	100	120	9.6
M	1300-1325	67	831	100	120	5.4
		56	430	100	185	6.9
		45	138	100	115	11.1
		34	902	10	120	9.9
N	1325-1350	67	352	100	120	5.0
		56	236	100	185	6.0
		45	962	10	115	9.9
O	1350-1375	67	260	100	120	5.4
		56	148	100	185	7.2
P	1375-1400	67	149	100	120	5.0
						UFN

R. D. PENHALL LTD. DUKSBAK WATERPROOF MADE IN B.C.

1:10,000
1cm = 100m = 0.1km
Monday Aug 29

L59 +00W

Tx = 10+00 N (BL)

CALIBRATION

Tx	PFE	
12	~~2.7~~	6.6
23	~~1.5~~	4.5
34	1.8	5.4
45	2.1	6.3
56	~~2.1~~	6.3
67	~~2.3~~	6.9

	Rx	Tx	V	SC	I	PFE
A	800-825	12	128	100	145	~~3.2~~ 9.6
B	825-850	12	340	100	145	~~2.7~~ 8.1
		23	185	100	200	~~2.6~~ 7.8
C	850-875	12	598	100	145	~~2.7~~ 8.1
		23	226	100	200	~~2.6~~ 7.8
		34	204	100	205	2.9 8.7

I PFE

R. D. PENHALE LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc			
D 875-900	12	350	IV	140	7.8	8.4
	23	903	100	200	2.7	8.1
	34	351	100	205	7.2	
	45	424	100	160	9.6	
E 900-925	23	263	IV	200	8.1	
	34	769	100	205	8.1	
	45	290	100	155	14.5	
	56	133	100	135	10.3	
F 925-950	34	210	IV	205	8.1	
	45	495	100	155	9.5	
	56	190	100	135	10.3	
	67	177	100	165	9.9	
G 950-975	45	143	IV	155	8.6	
	56	410	100	135	9.0	
	67	325	100	165	8.1	
H 975-10N	56	158	IV	140	8.4	
	67	825	100	170	9.9	
I 10N-1025	67	224	IV	175	8.7	
BACKSIGHT						
L 1075-1100	56	176	IV	150	10.5	
	45	768	100	165	7.5	
	34	383	100	215	7.0	
	23	188	100	210	7.8	
M 1100-1125	67	287	IV	180	8.7	
	56	591	100	150	9.9	
	45	343	100	165	10.5	
	34	202	100	215	11.1	
N 1125-1150	67	113	IV	180	9.0	
	56	324	100	150	11.1	
	45	222	100	165	11.1	
O 1150-1175	67	506	100	180	12.0	
	56	197	100	150	14.0 M	
P 1175-1200	67	209	100	180	15.0 M	
(LAST ON GRID 12+00 sericite schist)						

Noisy

15

Tue Aug 30/83

1,2	4.07	L 59+00W			
2,3	5.07				
3,4	5.01	Tx = 12+00N			
4,5	5.7				
5,6	6.3	CALIBRATION			
6,7	3.3	Tx	PFE		
RX	Tx	V	Sc	I	PFE
L1075-1100	12	540	1V	215	8.5
	23	945	100	185	12.4
	34	351	100	175	15.5
	45	115	100	165	15.5
		220	1V		12.2
M1100-1125	23	208	1V	190	12.0
	34	605	100	180	15.0
	45	151	100	165	12.9
	56	698	10	175	12.0
N1125-1150	34	485	1V	185	11.3
	45	460 460	100 100	160 162	14.5 13.0
	56	158	100	175	13.0
	67	122	100	220	16.0

I PFE

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

	Rx	Tx	V	Sc			
O	1150-1175	45	289	1V	160	15.0	
		56	690	100	175	14.0	
		67	402	100	215	14.5	
P	1175-1200	56	676	1V	175	12.6	
		67	162	1V	220	17.0	
Q	1200-1225	67	793	1V	220	16.8	
		BACKSIGHT					
T	1275-1300	56	210	1V	175	12.0	
		45	991	100	157	12.3	
		34	350	100	150	12.9	
		23	156	100	185	14.4	N
U	1300-1325	67	335	1V	210	9.6	
		56	538	100	165	11.3	
		45	937	100	155	11.9	
		34	155	100	180	13.0	
V	1325-1350	67	757	100	215	9.5	
		56	167	100	165	12.6	
		45	119	100	150	13.0	
W	1350-1375	67	337	100	235	11.0	
		56	101	100	180	13.2	N
X	1375-1400	67	302	100	240	10.5	
W	18	56	897	100	235	5.7	
		67	337	100			

Fri Sept 2

L 61+00 W

Tx = 12+00 N

CALIBRATION

Tx	PFE		
12	5.4	(500 V)	✓
23	5.7	(250 V)	✓
34	5.3		
45	5.2		
56	4.8		
67	4.4		

	Rx	Tx	V	Sc	I	PFE
A	1000-1025	12	406	100	155	10.4
B	1025-1050	12	453	100	155	9.5
		23	111	100	115	9.3
C	1050-1075	12	795	100	155	8.4
		23	174	100	115	8.1
		34	974	10	125	6.9

R. D. PENHALL LTD. MADE IN B.C. DUKSEAK WATERPROOF

PFE

I

	Rx	Tx	V	Sc		
D	1075-1100	12	336	1V	157	8.7
		23	349	100	115	6.6
		34	178	100	125	6.9
		45	213	100	130	7.9
E	1100-1125	23	122	1V	115	8.7
		34	436	100	125	6.2
		45	495	100	130	5.7
		56	187	100	135	9.8
F	1125-1150	34	130	1V	125	7.7
		45	102	1V	130	10.4
		56	344	100	135	9.5
		67	363	100	150	9.1
G	1150-1175	45	255	1V	130	7.4
		56	575	100	135	8.0
		67	304	100	150	9.2
H	1175-1200	56	129	1V	135	10.2
		67	705	100	150	8.4
I	1200-1225	67	270	1V	155	9.7
		BACKSIGHT.				
L	1275-1300	56	210	1V	140	12.5
		45	972	100	135	11.3
		34	194	100	135	11.4
		23	163	100	120	12.2
M	1300-1325	67	932	1V	155	9.3
		56	435	100	135	11.1 (N)
		45	296	100	135	13.0
		34	768	10	135	11.4 (N)
N	1325-1350	67	125	1V	155	10.2
		56	207	100	135	13.1
		45	157	100	135	14.4
O	1350-1375	67	487	100	155	10.5
		56	942	10	135	14.0
P	1375-1400	67	306	100	155	11.4

- good line for trenching, relatively flat. Topography of it. - Very close to creek - just East

FRI. Sept 2

L61 +00W

Tx = 14+00N

CALIBRATION

Tx	PFE	
12	3.3	
23	5.4	(125V)
34	4.3	
45	4.8	
56	5.2	
67	6.2	

Rx	Tx	V	Sc	I	PFE
L 1275-1300	12	284	1V	190	6.9
	23	385	100	105	9.3
	34	543	100	170	10.2
	45	120	100	155	12.8
M 1300-1325	23	149	1V	105	7.7
	34	129	1V	170	10.2
	45	230	100	155	10.4
	56	383	100	150	7.3

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

I PFE

Rx	Tx	V	Sc		
N 1325-1350	34	362	1V	170	8.7
	45	458	100	155	11.1
	56	591	100	155	9.1
	67	186	100	115	10.5
O 1350-1375	45	135	1V	155	10.2
	56	972	100	155	8.7
	67	230	100	115	9.8
P 1375-1400	56	437	1V	155	6.9
	67	603	100	115	8.1
Q 1400-1425	67	192	1V	115	7.3
	BACKSIGHT				
T 1475-1500	56	583	1V	155	6.5
	45	779	100	155	6.2
	34	661	100	170	5.1
	23	120	100	105	9.6
U 1500-1525	67	542	1V	115	8.0
	56	247	1V	155	6.9
	45	475	100	155	8.1
	34	478	100	170	6.0
V 1525-1550	67	624	100	115	8.1
	56	469	100	155	6.9
	45	104	100	155	8.4
W 1550-1575	67	410	100	115	8.5
	56	397	100	155	7.2 N
X 1575-1600	67	225	100	115	8.7

Sat. Sept 3

L 63+00N

Tx = 13+00N

CALIBRATION

Tx	PFE
12	4.3
23	6.3
34	4.6
45	4.8
56	4.0
67	3.9

Rx	Tx	V	Sc	I	PFE
1175-1200	12	448	1V	180	17.0
	23	109	1V	160	17.2
	34	284	100	160	12.9
	45	322	100	190	10.2
1200-1225	23	466	1V	160	7.2
	34	598	100	160	5.1
	45	406	100	190	6.9
	56	146	100	195	7.5

PFE

R.D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc	I	
N 1225-1250	34	260	1V	165	6.3
	45	130	1V	190	9.1
	56	393	100	195	7.2
	67	203	100	180	9.6
O 1250-1275	45	762	1V	190	9.5
	56	115	1V	195	9.3
	67	445	100	180	9.9
P 1275-1300	56	492	1V	195	9.6
	67	137	1V	180	12.6
Q 1300-1325	67	103	10V	180	11.1
					13.
	BACKSIGHT				
T 1375-1400	56	504	1V	195	13.3
	45	202	1V	190	12.9
	34	390	100	160	12.3
	23	196	100	160	11.4
U 1400-1425	67	269	1V	180	10.8
	56	752	100	190	13.5
	45	504	100	190	11.7
	34	130	100	160	14.1
V 1425-1450	67	900	100	180	12.0
	56	474	100	190	14.0
	45	399	100	185	12.9
W 1450-1475	67	318	100	175	12.6
	56	187	100	185	13.2
X 1475-1500	67	224	100	175	11.7(M)

Sun Sept 4

L 63+00 W

Tx = 15+00 N

CALIBRATION

Tx	PFE (real reading)	Good Ones (The readings we would like to use)	Better ones (Cr) (The readings we will use because we are sleazy.)
12	~~4.2~~	3.8	1.0
23	~~6.0~~	4.8	1.0
34	~~5.4~~	5.0	1.0
45	~~5.8~~	5.0	1.0
56	~~5.2~~	5.4	1.0
67	~~5.0~~	4.6	1.0

Sept 3 No Good

Rx	Tx	V	Sc	I	PFE
L 1375-1400	12	160	1V	145	10.8
	23	314	100	110	12.6
	34	232	100	125	12.0
	45	109	100	110	12.9
M 1400-1425	23	191	1V	115	8.3
	34	615	100	125	8.1
	45	224	100	110	11.1
	56	680	10	110	11.0

PFC

I

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

	Rx	Tx	V	Sc		
N	1425-1450	34	340	1V	125	7.5
		45	883	100	110	9.0
		56	220	100	110	11.4
		67	175	100	130	10.4
O	1450-1475	45	175	1V	110	10.8
		56	310	100	110	9.8
		67	209	100	130	10.2
P	1475-1500	56	198	1V	110	7.8
		67	877	100	130	4.5
Q	1500-1525	67	124	10V	130	6.3
		BACKSIGHT				
T	1575-1600	56	125	1V	110	9.0
		45	509	100	110	9.4
		34	201	100	125	8.7
		23	630	10	110	10.3
U	1600-1625	67	204	1V	130	6.9
		56	456	100	105	8.1
		45	268	100	110	8.8
		34	120	100	125	7.2
V	1625-1650	67	486	100	130	6.3
		56	140	100	105	7.2
		45	100	100	110	7.5
W	1650-1675	67	250	100	130	5.9
		56	826	10	105	6.0
X	1675-1700	67	172	100	130	5.8

Break in slope @ ± 15+70 15-20° slope

stations seem to far apart consistently

Old rail bed @ ± 1630 purple dickular to line

Claim line E-W @ 16+50

- below 15+70 relatively flat.

Sunday Sept 4

L64+00N

Tx = 16+00N

CALIBRATION

Tx	PFE
12	5.1
23	5.5
34	4.8
45	4.2
56	3.8
67	3.9

Rx	Tx	V	Sc	I	PFE
1475-1500	12	398	1V	150	8.7
	23	738	100	135	8.1
	34	394	100	100	9.3
	45	208	100	120	8.9
M1500-1525	23	217	10V	150	8.9
	34	195	10V	115	6.8
	45	341	100	120	7.5
	56	255	100	110	4.5

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

PFE

Rx	Tx	V	Sc	I	PFE
N 1525-1550	34	184	1V	100	6.0
	45	760	100	130	4.8(N)
	56	428	100	120	3.9
	67	268	100	130	2.7
O 1550-1575	45	920	100	130	6.5 (N)
	56	549	100	120	5.1
	67	317	100	130	4.6
P 1575-1600	56	232	1V	120	4.2
	67	836	100	125	5.1
Q 1600-1625	67	226	1V	125	1.5
	BACKSIGHT				
T 1675-1700	56	264	1V	120	3.3
	45	792	100	130	4.5
	34	440	100	110	6.3
	23	266	100	155	8.7
U 1700-1725	67	118	1V	125	2.4
	56	512	100	125	3.2
	45	256	100	135	4.7
	34	425	100	125	5.4
V 1725-1750	67	392	100	125	2.1
	56	228	100	125	3.3
	45	129	100	130	5.1
W 1750-1775	67	215	100	125	3.3
	56	148	100	125	3.4
X 1775-1800	67	134	100	125	3.2

- area ok for standing
- gradual slope ≈ 10° to N.

Monday Sept 5.

L64+00W

Tx = 14+00N

CALIBRATION

Tx	PFE
12	3.9
23	3.3
34	2.9
45	5.7
56	6.0
67	3.3

Rx	Tx	V	Sc	I	PFE
L 1275-1300	12	140	1V	140	4.4
	23	550	100	125	3.9
	34	278	100	110	5.1
	45	148	100	110	10.5
M 1300-1325	23	175	1V	125	4.2
	34	666	100	110	4.0
	45	303	100	110	9.3
	56	211	100	100	9.9

Rx	Tx	V	Sc	I	PFF
N 1325-1350	34	241	1V	110	33
	45	852	100	110	8.7
	56	516	100	100	9.5
	67	287	100	175	9.6
O 1350-1375	45	266	1V	110	7.3
	56	115	1V	100	9.3
	67	497	100	175	9.3
P 1375-1400	56	341	1V	105	8.5
	67	830	100	175	9.3
Q 1400-1425	67	245	1V	175	8.1
	BACKSIGHT				
T 1475-1500	56	173	1V	105	12.5
	45	509	100	115	12.3
	34	262	100	110	9.2
	23	168	100	125	9.6
U 1500-1525	67	400	1V	175	5.1
	56	585	100	105	12.3
	45	208	100	115	12.6
	34	124	100	110	9.8
V 1525-1550	67	844	100	175	7.2
	56	186	100	105	13.5
	45	805	10	115	13.5
W 1550-1575	67	352	100	175	7.4
	56	920	10	105	11.4
X 1575-1600	67	271	100	175	8.4

R. D. PENHALL LTD. MADE IN B.C. DUCKBAK WATERPROOF

Slope Corrections for
25m intu

For	Deg Slope	Add	M
	0		0
	10°		0.4
	20°		1.6
	30°		3.9
	40°		7.6
	50°		13.9

Jk - bank ?

L63 ~~Tx = 13~~
~~= 15~~

L64 14N
L65 15N

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

~~1-2~~	~~6.6~~
~~2-3~~	~~4.5~~
~~3-4~~	~~5.4~~
~~4-5~~	~~6.3~~
~~5-6~~	~~6.3~~
~~6-7~~	~~6.9~~

1-2	4.7
2-3	5.7
3-4	5.1
4-5	5.7
5-6	6.3
6-7	6.3

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LN 55+00 W

TX 8+25 N

CAL	6+75N - 7+00N (12)	4.5
	7+00 - 7+25N (2-3)	4.5
	7+25 - 7+50N (3-4)	4.5
	7+50 - 7+75N (4-5)	3.3
	7+75 - 8+00N (5-6)	2.1
	8+00N - 8+25N (6-7)	1.5

Rx	Tx	I	V	Sc	FE	Cor FE	Res
6+25-6+50N	(1-2)	100	NR				
6+50-6+75N	(1-2)	105	445	10	7.5	3.0	32
	(2-3)	100	345	10	7.8 (N)	3.3	52
6+75-7+00N	(1-2)	100	935	10	6.6	2.1	28
	(2-3)	95	588	10	6.6 (N)	2.1	46
	(3-4)	95	250	10	7.8 (N)	3.3	39
7+00-7+25N	(1-2)	100	469	100	6.9	2.4	35
	(2-3)	95	176	100	8.7	4.2	56
	(3-4)	98	593	10	6.6 (N)	2.1	45
	(4-5)	130	NR				

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Rx	Tx
0450N - 0475N	(6-7)
	(5-6)
	(4-5)
	(3-4)
0475N - 1400N	(6-7)
	(5-6)
	(4-5)
1400N - 1425N	(6-7)
	(5-6)
1425N - 1450N	(6-7)

2.3 2.3 1.1 (3.3)

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Rx	Tx	I	V	Sc	FE	Cor FE	R
							2.9
7+25-7+50N	(2-3)	100	760	100	7.0	2.5	57
	(3-4)	95	154	100	9.0	4.5	68
	(4-5)	140	519	10	6.7	3.4	28
	(5-6)	170	564	10	6.0	3.9	50
7+50-7+75N	(3-4)	95	125	1V	9.0	4.5	99
	(4-5)	140	273	100	6.3	3.0	59
	(5-6)	160	234	100	6.4	4.3	101
	(6-7)	185	190	100	5.4	3.9	154
7+75-8+00N	(4-5)	135	106	1V	6.3	3.0	59
	(5-6)	130	108	1V	6.3	4.2	249
	(6-7)	85	382	100	4.5	3.0	337
8+00-8+25N	(5-6)	(85) 85	866	100	4.2	2.1	76
(Tx)	(6-7)	100	350	100	5.4	3.9	105
8+25-8+50N	(6-7)	100	170	1V	4.5	3.0	128
~~8+25-8+50N~~	(5-6)	80	140	100	8.1	6.0	13
9+25N-9+50N	(4-5)	70	444	10	9.3	6.0	17
	(3-4)	81	438	10	9.9	5.4	41
	(2-3)	84	319	10	9.9 (N)	5.4	57

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Rx	Tx	I	V	Sc	FF	Eff	R
8+50-8+75N	(6-7)	92	139	100	7.8	6.3	11
9+50N-8+75N	(5-6)	82	396	10	8.1	6.0	14
	(4-5)	68	172	10	10.5(N)	7.2	19
	(3-4)	84	210	10	12.0(N.?)	6.5	38
8+75-9+00N	(6-7)	100	077	100	7.5	6.0	23
9+75-10+00N	(5-6)	140	500	10	7.5(VN)	5.4	27
	(4-5)	120	190	10	NR	/	24
9+00-9+25N	(6-7)	140	663	10	10(N)	8.5	36
10N-10+25N	(5-6)	130	618	10	10(N)	7.9	71
9+25N-9+50N	(6-7)	165	580	10	NR	/	53
10+25N-10+50N							

No .....
Date..June 7 (Tue.).....Page .....

LARA PROJECT IP Survey

L 29+00 W

Set Up #1 Tx @ 0+50S

-omitted stn #1 due to poor connection

CALIBRATION

Tx		PFE
1-2	1+25S - 1+00S	-omit
2-3	1+00S - 0+75S	+4.8
3-4	0+75S - 0+50S	+1.5
4-5	0+50S - 0+25S	+3.0
5-6	0+25S - BL	+4.2
6-7	BL - 0+25N	+3.3

Rx	Tx	N	V	Scale	I	PFE
2+50S - 2+25S	1+25S - 1+00S (1,2)	4		on		
2+25S - 2+00S	1+25S - 1+00S (1,2)	3				
	1+00S - 0+75S (2,3)	4				
2+00S - 1+75S	1+25S - 1+00S (1,2)	2				
	1+00S - 0+75S (2,3)	3				
	0+75S - 0+50S (3,4)	4				
1+75S - 1+50S	1+25S - 1+00S (1,2)	1				
	1+00S - 0+75S (2,3)	2	580	10	98	6.6?

2.6

No ..... L 29+00 W. (Set Up #1) cont'd

Date ... June 7 (Tue.) ..... Page 1.9 2.6

Rx	Tx	M	V	Scale	I	PFE
1+50S - 1+50S	0+75S - 0+50S (3,4)	3	590	10	124	4.8 3.3
	0+50S - 0+25S (4,5)	4	145	10	110	9 (N) 6.0
1+50S - 1+25S	1+00S - 0+75S (2,3)	1	186	1V	98	5.7 6.0 0.9
	0+75S - 0+50S (3,4)	2	101	1V	109	4.8 3.3
	0+50S - 0+25S (4,5)	3	173	100	105	5.7 2.7
	0+25S - BL (5,6)	4	734	10	90	6.6 2.4
1+25S - 1+00S	0+75S - 0+50S (3,4)	1	620	1V	123	3.6 2.1
	0+50S - 0+25S (4,5)	2	648	100	106	5.5 2.5
	0+25S - BL (5,6)	3	238	100	91	7.1 3.0
	BL - 0+25N (6,7)	4	108	100	100	6.5 3.2
1+00S - 0+75S	0+50S - 0+25S (4,5)	1	327	1V	101.5	7.8 4.8
	0+25S - BL (5,6)	2	756	100	90	7.5 3.3
	BL - 0+25N (6,7)	3	281	100	100	5.7 2.5
0+75S - 0+50S	0+25S - BL (5,6)	1	341	1V	91	7.8 3.6
	BL - 0+25N (6,7)	2	690	100	100	7.8 4.5
0+50S - 0+25S	BL - 0+25N (6,7)	1	320	1V	100	8.1 4.8
BACKSHOOTING -						
0+25N - 0+50N	0+25S - BL (5,6)	1	227	1V	90	6.9 2.7
	0+50S - 0+25S (4,5)	2	531	100	106	6.3 3.3
	0+75S - 0+50S (3,4)	3	453	100	120	6.9 3.4
	1+00S - 0+75S (2,3)	4	119	100	94	8.1 3.3
0+50N - 0+75N	BL - 0+25N (6,7)	1	197	1V	100	6.3 3.0
	0+25S - BL (5,6)	2	503	100	90	7.2 3.0
	0+50S - 0+25S (4,5)	3	193	100	105	7.2 4.2
	0+75S - 0+50S (3,4)	4	203	100		7.2 3.5

No. L29+00W Cset Up #1) Cont'd

Date June 7 (Tue.) Page

Rx	Tx	N	V	Scale	I	PFE
0+00N-1+00N	BL-0+25N (6,7)	2	285	100	100	4.8 1.5
	0+25S-BL (5,6)	3	112	100	90	7.8 3.6
	0+50S-0+25S (4,5)	4	530	10	105	7.2 4.2
1+00N-1+25N	BL-0+25N (6,7)	3	236	~~100~~ 100	100	7.5 4.2
	0+25S-BL (5,6)	4	125	100	90	9.9 5.7
1+25N-1+50N	BL-0+25N (6,7)	4	610	10	100	6.9 3.6

LN 29+00W

TX 1+50N

0+75N - 1+00N (1-2)

1+00N - 1+25N (2-3)

1+25N - 1+50N (3-4)

1+50N - 1+75N (4-5)

1+75N - 2+00N (5-6)

2+00N - 2+25N 6-7

No .....

Date .....Page .....

Rx		Tx		VSC I	F.F
0+25 - 0+50N		0+75-1+00N	(1-2)		
		1+00-1+25	(2-3)		
		1+25-1+50N	(3-4)		
		1+50-1+75N	(4-5)		
0+50N - 0+75N		1+00-1+25N	(2-3)		
		1+25-1+50	(3-4)		
		1+50-1+75	(4-5)		
		1+75-2+00	(5-6)		
0+75N	1+00N	1+25-1+50N	(3-4)		
		1+50N-1+75	(4-5)		
		1+75-2+00N	(5-6)		
		2+00+2+25N	(6-7)		
1+00N - 1+25N		1+50-1+75N	(4-5)		
		1+75-2+00N	(5-6)		
		2+00N-2+25	(6-7)		
1+25N-1+50N		1+75-2+00N	(5-6)		
		2+00N-2+25	(6-7)		
1+50-1+75N		2+00N-2+25	(6-7)		
1+75-2+00N		1+75-2+00N	(5-6)		
		1+50-1+75	(4-5)		
		1+25-1+50	(3-4)		
		1+00-1+25	(2-3)		

DC PFE

Tuesday July 12

IP L27+00W

Back shooting / BS

Tx = 0+50S

CALIBRATION / FS

Tx	PFE July 12	PFE July 13
12	5.9	3.3
23	3.9	2.8
34	4.0	2.1
45	5.6	3.3
56	4.5	3.2
67	3.2	1.2

Rx	Tx	V	Sc	I	PFE
A 250-225S	12	307	10	105	3.0
B 225-200S	12	536	10	105	3.3
	23			155	no reading
C 200-175S	12	155	100	120	3.9
	23	472	10	155	4.2
	34	241	10	140	2.0N

NB 23 @ 225-200S ~~23, 34 @ 200-175S~~ → negative PFE readings (hence invalid - also v. noisy

I PFE

R. D. PENHALL LTD. MADE IN B.C. DUCKBAK WATERPROOF

	Rx	Tx	V	S		
D	175-150S	12	1106	1V	110	7.6
		23	2178	100	145	6.9
		34	3388	100	155	6.0
		45	219	10	86	1.5
E	150-125S	23	1483	1V	145	8.1
		34	4472	100	130	7.5
		45	914	10	86	8.7
		56	587	10	90	6.5
F	125-100S	34	1935	1V	130	8.1
		45	3222	100	86	6.0
		56	1499	100	90	6.3
		67	1170	100	105	7.5
G	100-75S	45	1131	1V	86	10.5
		56	500	100	90	11.2
		67	360	100	105	9.5
H	75-50S	56	236	1V	90	10.0
		67	120	1V	105	10.8
I	50-25S	67	305	1V	105	9.3
			BACKSIGHT			
L	25N-50N	56	213	1V	105	6.3
		45	5499	100	98	8.1
		34	5022	100	140	6.9
		23	1185	100	155	9.0
M	50N-75N	67	628	1V	155	6.8
		56	7077	100	105	8.8
		45	2622	100	98	8.6
		34	4533	100	170	6.8
N	75N-100N	67	881	100	155	5.6
		56	2066	100	105	6.6
		45	992	10	98	7.8
O	100-125N	67	5333	100	155	3.9
		56	1566	100	105	6.3
P	125-150N	67	126	100	155	4.5

JUNE 11, 1983
(Finish June 12)

IP L 33+00 W

25 fns ① @ 1+25N
② @ 3+50N

I Tx @ 1+25N

Rx	Tx	V	Sc	I	FE	Corr FE
50S-25S	12	359	10	125		
	23	~~125~~ 269	10	125	4.2(N)	2.1
25S-BL	12	102	100	125	3.6	1.9
	23	059	100	125	5.4(N)	3.1
	34	167	10	100	9.0(N)	6.0
BL-25N	12	490	100	125	3.9	1.2
	23	184	100	125	6.3	4.2
	34	390	10	~~100~~ 97	5.1	2.1
	45	247	10	74	9.0(N)	6.0
25N-50N	23	220	1V	110	4.5	2.1
	34	233	100	81	11(N)	8.0
	45	128	100	6.2	13(N)	10.0
	56	422	10	80	12(N)	9.3
50N-75N	34	785	100	80	6.6	
		540	100	105	12	
	45	311	100	60	7.5	
		233	100	140-75	11.4	
	56	067	100	100	9.6	
		679	10	100	7.5	
	67	480	10V	115	6.9	
75N-100N	45	170	1V	94	13	
	56	274	100	101	9	
	67	144	100	110	9.3	
100N-125N	56	204	1V	100	7.8	
	67	579	100	115	9.9	
125N-150N	67	284	1V	115	5.1	

Jn 11 ↕ Jn 12

BACKSIGHT

200-225N	56	769	100	100	8.7
	45	333	100	90	10.8
	34	171	100	115	10.2(N)
	23	167	100	130	8.7

Rx	Tx	V	Sc	I	FE	Corr FE
225 - 250N	67	222	1V	115	11.0	
	56	350	100	95	10.0	
	45	199	100	74	14.0	
	34	124	100	100	12.0	
250-275N	67	425	100	95	11.0(N)	
	56	105	100	82	9.6	
	45	127	100	100	9.6 N)	
275-300N	67	143	100	94	11.0	
	56	448	10	80	8.0 (N)	
300-325N	67	770	10	90	11	

CALIBRATE

Tx	PFE	PFE
12	+2.7	
23	+2.1	3.0
34	3.0	4.5
45	3.0	4.5
56	2.7	3.3
67	3.0	3.0
	JN 11	JN 12

R.D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

L 33+00 W Tx = 3+25N

Rx	Tx	V	SC	I	FE	CORR FE
200-225N	12	164	1V	105	11.7	
	23	455	100	130	10.2	
	34	228	100	125	10.5	
	45	116	100	120	13	
225-250N	23	286	1V	125	13	
	34	895	100	120	13.2	
	45	368	100	115	15	
	56	157	100	100	16.2	
250-275N	34	267/296	1V	120/110	15/13	(-)
(210-220) (240)	45	743	100	100	12.5	
	56	266/258	100	90/88	14	
	67	172	100	105	17	
275-300N	(220) 45	176	1V	100	10.8	
New Battery →	245 56	479	100	100	13	
	67	245	100	110	14.8	
300-325N	56	174	1V	100	12.3	
	240 67	596	100	110	12.9	
325-350N	67	285	1V	110	12	
BACKSIGHT						
400-425N	56	597	100	100	11.4	
	45	362	100	115	12	
	34	176	100	115	14	
Tried other seats *	23	098	100	120	13	
425-450N	67	104	1V	110	11.4	
	56	220	100	100	12.9	
	45	157	100	115	13.8	
	34	905	10V	115	14.5	
450-475N	67	267	100	110	8.7	
	56	818	10	100	14.5	(C)
	(240) 45	684	10	115	12.3	
475-500N	67	149	100	115	9.9	
	56	522	10	100	14.4	
500-525N	67	078	100	110	12 N	

JN 12/13 CALIBRATE L33W-3+25N

	Tx	PFE JN13		June 12	JN13	
1-2	June 12	3.3	4.5 N	115 - 375	105/250	(÷2)
2-3		2.4	3.3 N	105 - 250	125/250	(÷2)
3-4			3.0	95 - 250	125/250	
4-5			4.5 (N)		110/250	
5-6	(* Almost off scale)		3.9 (N)		94/250	
6-7	especially Noisy *		4.5 (N)		92/250	

3-4 115/250 3.3

Drop 260 - 250 during Calibration

1-2 95/250 4.2

June 14/83 CALIBRATE L33W-3+25N

Tx	PFE		
1-2	4.5 N	100/245	98
2-3	3.3	120/240+	
3-4 [5.7]*	6.6 N	115	
4-5	4.5 N	110	
5-6	5.2 N	115	
6-7	6.3 N	110	

K+E PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Sunday June 26

IP L 29 +00W

1. Tx = 1+50N

CALIBRATION

Tx	PFE
1, 2	5.7
2, 3	7.2 (N)
3, 4	6.3
4, 5	6.0 (N)
5, 6	4.5
6, 7	6.3

Rx	Tx	V	Sc	I	PFE
A 50S-25S	1-2	590	10	70.5	10.2
B 25S-BL	1-2	107	100	71	10.4
	2-3	114	100	79	9.9
C BL-25N	1-2	310	100	71	8.4
	2-3	234	100	78.5	9.8
	3-4	865	10	86	7.5

R. D. PEDERSON LTD. MADE IN B.C.
DUKSBAK WATERPROOF

	Rx	Tx	V	Sc	I	PFE
D	25N-50N	1-2	127	1V	71	9.0
		2-3	513 54	100 /100	78 /78	8.7 /8.1
		3-4	141	100	84	12.9 (N)
		4-5	982	10	91	7.8
E	50-75N	2-3	151	1V	78	8.4
		3-4	247	100	86	9.6
		4-5	122	100	90	10.5
		5-6	108	100	102	13.5 (N)
F	75-1+00N	3-4	126	1V	82	13.4
		4-5	326	100	86	13.4
		5-6	250	100	100	12.3 (230)
		6-7	812	10	76	14.5
G	1+00-1+25N	4-5	249	1V	86	13.5
		5-6	120	1V	98	12.5
		6-7	314	100	72	15.0
H	1+25-1+50N	5-6	152	1V	99	10.2
		6-7	297	100	72	13.5
I	1+50-1+75N	6-7	229	1V	73	12.8
	BACKSIGHT					
L	225-250	5-6	326	1V	100	12.3
		4-5	384	100	87	14.0 (240)
		3-4	111	100	82	15.8
		2-3	095/984	100/10	72/73	14.8/14.6
M	250-275	6-7	150	1V	73	16.0
		5-6	427	100	99	14.0
		4-5	904	10	87	14.6
		3-4	328	10	80	12.0
N	275-300	6-7	584	100	73	15.2
		5-6	245	100	100	12.0
		4-5	604	10	86	11.5
O	300-325	6-7	316	100	73	15.5
		5-6	161	100	100	13.5
P	325-350	67	191	100	73	17.8

Monday June 27

IP L 29+00 W

Tx = 3+50N

CALIBRATION

Tx	PFE	I
1 2	3.6	90
2 3	3.7	90
3 4	3.1	100
4 5	2.7	105
5 6	4.7	92
6 7	4.8	90

Rx	Tx	V	Sc	I	PFE
L-225-250N	1 2	180	1V	98 MA	9.6
	2 3	493	100	92	10.8
	3 4	352	100	100	16.0
	4 5	905	10	110	15.3
M250-275N	2 3	155	1V	90	1.5 (VN)
	3 4	815	100	100	4.5
	4 5	175	100	110	6.3
	5 6	803	10	98	7.3

I PFE

R.D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	S<		
N 275-300N	37	196	1V	99	5.8
	45	038	1V	115	10.5
	56	149	100	100	13.3
	67	101	100	90	15.5
O 300-325N	45	166	1V	115	9.3
	56	426	100	98	11.1
	67	242	100	90	13.2
P 325-350N	56	201	1V	100	8.4
	67	841	100	90	10.2
Q 350-375N	67	272	1V	90	7.6
	BACKSHOOTING				
T 425-450	56	109	1V	98	7.65
	45	328	100	110	9.6
	34	206	100	96	10.7
	23	484	10	88	12.9(N)
U 450-475	67	243	1V	88	6.1
	56	410	100	98	6.9
	45	156	100	110	8.6
	34	109	100	96	11.7
V 475-500	67	636	100	88	5.4
	56	142	100	94	6.9
	45	642	10	110	7.5
W 500-525	67	245	100	84	6.0
	56	728	10	94	5.9
X 525-550	67	couldn't do - battery ran out			

3.65 ± 3

Tue June 28

IP L27+00W

Tx = 3+50N

CALIBRATION

Tx	PFE
12	3.6
23	4.9
34	4.0
45	3.5
56	4.5
67	5.1

Rx	Tx	V	Sc	I	PFE
< 225-250	12	223	1V	96	11.0
	23	355	100	96	12.8
	34	105	100	110	13.2
	45	600	10	115	11.4 (N)
250-275	23	354	1V	95	10.0
	34	389	100	110	11.1
	45	153	100	120	12.0
	56	090	100	90	14.6
		916	10	90	13.2

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

	R_x	T_x	V	Sc		
N	275-300	34	399	IN	105	8.1
		45	552	100	115	11.1
		56	262	100	90	11.7
		67	986	10	82	12.2
O	300-325	45	241	IV	115	12.6
		56	671	100	90	13.0
		67	182	100	82	14.7
P	325-350	56	349	IV	90	9.8
		67	407	100	82	12.0
Q	350-375	67	167	IV	84	11.7
		BACK SHOOTING				
T	425-450	56	157	IV	94	9.3
		45	230	100	115	9.3
		34	148	100	110	9.0
		23	736	10	96	12.0
U	450-475	67	209	IV	84	6.9
		56	543	100	92	8.1
		45	112	100	115	9.2
		34	760	10	110	9.5
V	475-500	67	784	100	84	7.5
		56	273	100	92	8.7
		45	650	10	115	8.1
W	500-525	67	268	100	84	7.7
		56	105	100	94	9.0
X	525-550	67	145	100	84	8.4

WFD June 29

IP L27+00W

Tx = 1+50N

CALIBRATION

Tx	PFE	I	
12	3.6	98	
23	2.2	98	
34	4.5/4.8/4.9	120	(4.7)
45	1.8	185	
56	2.4	160	
67	3.3	125	

Rx	Tx	V	Sc	I	PFE
A 50S-25S	12	105	100	99	9.3
B 25S-BL	12	208	100	99	7.8
	23	122	100	99	7.5
BL-25N	12	404	100	99	6.3
	23	199	100	99	7.5
	34	877	10	115	4.2

I PFE

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

	Rx	Tx	V	Sc		
D	25N-50N	12	125	1V	100	7.7
		23	381	100	100	6.9
		34	125	100	115	6.9
		45	124	100	180	4.8
E	50N-75N	23	170	1V	99	6.3
		34	348	100	115	6.5
		45	255	100	180	5.6
		56	120	100	160	5.7
F	75N-100N	34	258	1V	115	6.3
		45	114	1V	180	8.7
		56	419	100	165	7.2
		67	250	100	125	7.2
G	100N-125N	45	224	1V	175	3.9
		56	568	100	150	3.9
		67	307	100	120	6.5
H	125N-150N	56	241	1V	150	4.5
		67	699	100	120	4.8
I	150-175N	67	124	1V	120	4.6
			BA-K516HT			
L	225-250N	56	239	1V	155	5.7
		45	754	100	175	8.7
		34	410	100	115	4.5 N
		23	256	100	96	6.3
M	250-275N	67	254	1V	125	9.9
		56	472	100	155	8.4
		45	308	100	175	9.7
		34	148	100	115	9.9
N	275-300N	67	458	100	125	8.7
		56	205	100	155	8.4
		45	170	100	180	8.2
O	300-325N	67	134	100	125	11.4
		56	695	10	155	9.9
P	325-350N	67	506	10	125	10.2

THUR June 30 - Foresight

Fri July 1 - Backsight

IP L 31+00W

Tx = 0+75N

CALIBRATION

Tx	Foresight (June 30) PFE	Backsight (July 1) PFE
12	4.3	not needed
23	5.5	4.5
34	5.4	5.8
45	5.7	5.7
56	4.5	5.6
67	5.7	6.6

	Rx	Tx	V	Sc	I	PFE
A	125-100S	12	081	10	86	7.2 (V)
B	100-75S	12	164	10	86	6.9
		23	177	10	96	7.5
C	75S-50S	12	383	10	88	8.1
		23	322	10	96	7.4
		34	165	10	86	8.7

R.D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERROOF

PFE

I

Rx	Tx	V	SL		
505-25S	12	157	100	98	7.6
	23	934	10	96	8.3
	34	415	10	86	8.2
	45	230	10	80	9.0
F 25S-BL	23	399	100	96	6.6
	34	121	100	86	8.6
	45	540	10	80	8.1
	56	145	10	84	9.0 (N)
F BL-25N	34	112	1V	86	9.0
	45	360	100	80	8.1
	56	879	10	84	7.5
	67	549	10	75	9.3
G 25-50N	45	299	1V	80	8.7
	56	347	100	84	8.1 (N)
	67	159	100	76	11.0 (N)
H 50-75N	56	144	1V	84	9.9
	67	449	100	77	7.8
I 75-100N	67	150	1V	78	8.1
		BRACKSIGHT			
L 150-175N	56	261	1V	100	8.9
	45	339	100	90	8.8
	34	314	100	100	7.7
	23	220	100	110	9.3
M 175-200	67	205	1V	92	10.7
	56	420	100	98	9.9
	45	286	100	90	9.3
	34	147	100	98	9.9
N 200-225N	67	403	100	90	11.4
	56	121	100	98	11.4
	45	107	100	90	11.7
O 225-250N	67			90	
	56			98	
P 250-275N	67			90	

Sat
FRIDAY JULY 7

IP L 31+00 W

Tx = 2+75 N

Calibration

Tx	PFE	I	A	B	C
12	3.9	115	(1.7)	(1.3)	(1.45)
23	2.9	135	(1.4)	(0.95)	(1.1)
34	1.5	150	(0.9)	(0.5)	(0.75)
45	7.5	160	(1.0)	(0.5)	(0.8)
56	3.0	160	(0.4)	(1.0)	(1.5)
67	1.5	155	(0.6)	(0.5)	(0.85)

	Rx	Tx	V	Sc	I	PFE	PFE Calc
I	75-100N	12	164	100	115	9.0	
J	100-125N	12	190	100	115	9.0	
		23	098	100	135	10.2	
K	125-150N	12	711	100	115	8.9	
		23	280	100	135	10.2	
	(N)	34	107	100	150	7.8	

I PFE

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

Rx	Tx	V	Sc	I	PFE
L 150-175N	12	300	1V	115	9.6
	23	664	100	135	9.3
(N)	34	214	100	150	8.4
	45	275	100	165	9.3
M 175-200N	23	214	1V	135	8.8
(N)	34	375	100	150	15.5
N(?)	45	668/734	100	155/160	4.5/1.8
	56	172	100	150	7.5
N 200-225N	34	114	1V	150	9.6
	45	836	100	160	10.5
	56	217	100	150	12.0
(N)	67	931	10	150	12.0
O 225-250N	(N) 45	592	1V	150	10.2
	(N) 56	959	100	150	12.6
	(N) 67	278	100	150	12.3
P 250-275	(N) 56	277	1V	150	13.5
	(N) 67	469	100	150	15.4
Q 275-300N	(N) 67	314	1V	150	10.5
	BACKSIGHT		(New Battery)		
T 350-375N	(N) 56	241	1V	160	9.4
	(N) 45	980	100	165	12.6
	(N) 34	204	100	150	12.9
	(N) 23	143	100	135	14.5
U 375-400N	(N) 67	200	1V	160	11.1
	(N) 56	602	100	165	12.3
	(N) 45	368	100	165	11.7
	(N) 34	100	100	155	14.5
V 400-425N	(N) 67	676	100	160	10.5
	(N) 56	294	100	165	13.2
	(N) 45	206	100	160	15.2
W 425-450	(N) 67	299	100	165	12.3
	(N) 56	144	100	165	13.5
X 450-475	(N) 67	100	100	165	11.1

comments: readings generally noisy ie needle wouldn't "settle down" - ie not quiet. Readings good, however.

Sat July 2

IP L37+00N

Tx = 5+00N

Tx	PFE	
12	3.9	100
23	3.3.	115
34	3.9	105
45	3.8	100
*56	3.6	92
67	3.9	100

Rx	Tx	V	Sc	I	PFE	/Corr
L 375-400 N	12	515	1N	110	9.6	5.7
	23	670	100	120	10.2	6.9
	34	335	100	110	10.5	6.6
	45	135	100	120	10.8	7.0
" 400-425N	23	177	1N	125	12.3	9.0
	34	534	100	110	12.6	8.7
	45	174	100	120	12.3	8.5
	(N) 56	815	10	105	12.6	9.0

PFE/cont

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc	I		
N 425-450	34	217	1V	115	13.5	+ 9.6
	45	353	100	125	13.5	9.7
	56	127	100	105	15.8	12.2
	67	642	10	105	17.0	13.1
O 450-475	45	147	1V	120	12.3	8.5
(N)	56	382	100	105	12.6	9.0
	67	165	100	105	16.2	12.3
P 475-500	56	152	1V	105	9.2	5.6
	67	455	100	105	11.1	7.2
Q 500-525	67	225	1V	105	9.8	5.9
	BACKSIGHT					
T 575-600	(N) 23	749	10	120	14.2	10.9
	34	236	100	110	12.6	8.7
2.85	45	793	100	120	8.6	4.8
8.65	56	226	1V	105	9.9	6.3
U 600-625	67	123	1V	100	10.2	6.3
	56	479	100	105	10.0	6.4
	45	306	100	120	9.0	5.2
	(N) 34	120	100	110	12.6	8.7
V 625-650	67	397	100	105	9.9	6.0
	56	221	100	105	9.9	6.3
	45	179	100	120	8.4	4.6
W 650-675	67	138	100	105	10.5	6.6
	56	958	10	105	8.7	5.1
X 675-700	67	647	10	105	8.7	4.8

Comments = good survey - fast, quiet.

Sunday July 3

IP L 39+00W

T_x = 5+50N

CALIBRATION

Tx	PFE	I
12	3.3	125
23	3.9	135
34	3.3	120
45	3.9	120
56	2.7	150
67	2.7	175

Rx	Tx	V	Sc	I	PFE	
I 350-375N	12	134	100	130	4.5	1.2
J 375-400N	12	427	100	130	4.2	0.9
	23	266	100	140	5.7	1.8
K 400-425N	12	854	100	130	4.4	1.1
	23	337	100	140	6.3	2.4
	34	114	100	125	9.3	6.0

I PFE

R.D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

Rx	Tx	V	Sc			
L 425-450N	12	425	1V	130	3.4	0.6
	23	100	1V	140	7.8	3.9
	34	258	100	125	9.0	5.7
	45	907	10	125	11.1	7.2
m 450-475N	23	364	1V	140	6.3	2.4
* Change Battery Rx	34	649	100	125	8.7	5.4
	45	194	100	125	8.6	4.7
	56	700	10	160	10.8	8.1
N 475-500N	34	294	1V	125	7.4	4.1
	45	609	100	125	10.2	6.3
	56	144	100	160	11.9	9.2
	(N) 67	892	10	175	10.0	7.3
O 500-525N	45	460	1V	125	8.4	4.5
	56	548	100	160	10.5	7.8
	67	275	100	175	11.1	8.4
P 525-550	56	260	1V	170	9.3	6.6
	67	793	100	175	9.0	6.3
Q 550-575	67	274	1V	175	10.5	7.8
	BACKSIGHT					
T 625-650	56	334	1V	165	6.8	4.1
	45	830	100	125	9.6	5.7
	34	309	100	125	10.6	7.3
	23	146	100	150	12.0	8.1
U 650-675	67	195	1V	175	10.5	7.8
	56	789	100	160	8.4	5.7
	45	300	100	125	12.2	8.3
	34	178	100	125	12.6	9.3
V 675-700	67	604	100	175	9.3	6.6
	56	382	100	170	9.1	6.4
	(N) 45	185	100	125	11.7	7.8
W 700-725?	(N) 67	110	100	175	10.5	7.8
	(N) 56	849	10	165	9.0	6.3
X 725-750	67	121	100	175	9.9	

Sunday July 3

IP L37+00W

Tx = 3+00N

CALIBRATION

Tx	PFE	A	B	PFE
12	4.4	(1.45)		5.1
23	4.4	(1.45)	1.15	3.5
34	4.2	(1.4)	1.0	3.0
45	4.8	(1.6)	1.4	4.2
56	4.8	(1.6)	1.3	3.9
67			1.5	4.5

Rx	Tx	V	Sc	I	PFE	
A 100-125N	12	350	10	100	6.3	1.2
B 125-150N	12	939	10	100	6.9	1.8
	23	690	10	105	5.7	2.2
C 150-175N	12	459	100	100	5.1	0.0
	23	299	100	105	6.3	2.8
	34	235	100	140	5.1	2.1

I PFE

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	SC			
D 175-200N	12	150	1V	100	5.7	0.6
	23	760	100	105	3.9	2.4
	34	543	100	140	5.6	2.6
	45	268	100	110	4.6	0.2
E 200-225N	23	232	1V	105	6.5	3.0
	34	116	1V	140	6.3	3.3
	45	450	100	105	4.8	0.6
	56	479	10	110	4.8	0.9
F 225-250N	34	445	1V	140	5.6	2.6
	45	107	1V	110	6.9	2.7
	56	890	10	110	5.0	1.1
	67	965	10	110	6.1	1.6
G 250-275N	45	628	1V	105	4.7	0.5
	56	317	100	110	4.7	0.8
	67	275	100	115	6.0	1.5
H 275-300N	56	100	1V	110	5.4	1.5
	67	547	100	115	5.3	0.8
I 300-325N	67	208	1V	115	5.1	0.6
	BACKSIGHT					
L 375-400N	56	167	1V	110	7.8	3.9
	45	865	100	105	5.4	1.6
	34	383	100	135	3.9	0.9
(N)	23	157	100	105	6.9	3.4
M 400-425N	67	218	1V	115	9.0	4.5
	56	227	100	110	10.5	6.0
(N)	45	255	100	105	8.7	4.5
(N)	34	134	100	135	8.7	5.7
N 425-450N	(N) 67	477	100	115	12.0	7.5
(N)	56	719	10	110	13.0	9.1
(N)	45	107	100	105	13.2	9.0
O 450-475N	(N) 67	218	100	115	13.0	8.5
	56	N/R		110		
P 475-500N	67	814	10	115	12.3	8.8

Comments: Good survey - lower part (foresight) extremely quiet readings (but very low). Upper part readings (backsight) noisy in part (but higher. Stn 450-475 (58) - no reading possible due to extreme noise.

Monday July 4

1 P L 35+00N

Tx = 2+00N

CALIBRATION

Tx		PFE	I	
1 2			94	4.4
2 3			105	4.1
3 4			98	3.2
4 5	1.3	3.9	135	3.9
5 6	1.2	3.6	130/125	3.6
6 7	1.75	5.3	94/98	4.4

Rx	Tx	V	Sc	I	PFE	
A BL-25N	12	210	10	94	6.6	2.2
B 25-50N	12	361	10	94	4.5	0.1
	23	314	10	105	7.1	3.0
C 50-75N	12	114	100	94	6.0	1.6
	23	830	10	100	6.3	2.2
	34	539	10	94	6.5	3.3

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc	T	PFE	Corr
D 75-100N	12	522	100	92	5.9	1.5
	23	279	100	100	4.2	0.1
	34	153	100	96	6.9	3.7
	45	712	10	130	4.8	0.9
E 100-125N	23	160	1V	100	5.7	1.6
	34	704	100	96	6.0	2.8
	45	279	100	130	4.7	0.8
	56	114	100	125	5.4	1.8
F 125-150N	34	205	1V	96	6.3	3.1
	45	644	100	130	4.5	0.6
	56	245	100	125	5.1	1.5
	67	134	100	96	7.5	3.1
G 150-175N	45	166	1V	135	5.1	1.2
	56	484	100	130	6.0	2.4
	67	231	100	98	5.7	1.3
H 175-200N	56	165	1V	130	6.2	2.6
	67	523	100	98	5.4	1.0
I 200-225N	(N) 67	202	1V	100	4.2	— 0
		BACKSIGHT				
L 275-300N	56	200	1V	125	3.6	— 0
	45	709	100	130	3.3	← 0
	34	305	100	98	6.3	3.1
	23	149	100	105	6.5	2.4
M 300-325N	67	210	1V	96	6.9	2.5
	56	714	100	125	4.4	0.8
	45	380	100	135	4.8	0.9
	34	200	100	96	7.1	3.9
N 325-350N	67	595	100	96	6.9	2.5
	56	275	100	125	5.4	1.8
	45	174	100	130	5.7	1.8
O 350-375N	67	226	100	96	8.1	
	(N) 56	128	100	125	6.5	
P 375-400N	67	188	100	96	9.9	

comments: Excellent survey - smooth, quiet - fast.

Monday July 4

IP L 35+100W Try # 1

Tx = 4+00 N

CALIBRATION

Tx	PFE
12	
23	
34	
45	
56	
67	

Rx	Tx	V	Sc	I	PFE	
L 275-300N	12	155	1V	94	7.5	
	23	391	100	84	8.4	
	34	410	100	92	9.9	
	45	104	100	115	12.5	
M 300-325N	23	125	1V	84	9.0	
	34	885	100	92	9.0	
	45	192	100	115	11.0	95 3.65
	56	997	10	84	12.6	

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

Rx	Tx	V	Sc		
N 325-350N	34	202	1V	94	9.3
	45	333	100	115	10.7
	56	150	100	84	14.6
	67	103	100	74	17.0
O 350-375N	45	530	100	115	8.4
	56	282	100	84	13.5
	67	151	100	74	16.0
P 375-400N	56	628	1V	84	12.3
	67			74	
Q 400-425	67				
	BACKSIGHT				
T 475-500N	56				
	45				
	34				
	23				
U 500-525N	67				
	56				
	45				
	34				
V 525-550N	67				
	56				
	45				
W 550-575N	67				
	56				
X 575-600N	67				

Comments: Survey excellent - very smooth quiet, fast re foresight done in ½ hour. Unfortunately voltage knob on Rx broke at end of foresight.

- did not calibrate so entire site will have to be re-done

NB Appears to be a strong anomaly here

Thurs July 7

IP L 35+00W Try #2

Tx : 4+00 N

CALIBRATION

Tx	PFE	TX
12	2.6	
23	2.6	
34	2.5	
45	2.3	
56	3.2	
67	4.5	

PFE ① PFE
② V
③ Sc

3.6
4.2

Rx	Tx	V	Sc	I	PFE
L275-300N	12	163	1V	115	4.8
	23	444	100	105	5.3
	34	460	100	115	6.6
	45	660	100	135	5.9
300-325N	23	149	1V	105	6.9
	34	113	1V	115	7.1
	45	207	100	130	9.9
	56	118	100	100	11.7 N

GFM → I PFE · / Corr

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc		
N 325-350N	34	259	LV	115	8.1
	45	400	100	130	10.5
	56	186	100	100	17.9 N
	67	133	100	90	15.7
O 350-375N	45	624	100	130	6.9
	56	334	100	100	11.7
	67	186	100	90	16.0
P 375-400N	56	161	LV	100	9.9
	67	518	100	90	12.9
Q 400-425N	67	157	LV	90	12.9
	BACK SIGHT				
T 475-500N	56	774	100	100	10.4
	45	539	100	125	12.3
	34	223	100	110	17.0
	23	420	10	100	13.2 N
U 500-525N	67	205	LV	88	8.0
	56	151	100	100	10.8
	45	687	10	125	11.2 N
	34	815	10	110	11.7 N
V 525-550N	67	535	100	86	9.3
	56	738	10	100	10.8 N
	45	406	10	125	11.5 N
W 550-575N	67	323	100	86	9.3
	56	599	10	100	10.5 N
X 575-600N	67	120	100	86	9.9

Comments - good survey - occasionally noisy on backshooting

Friday July 8

IP L41+00W

Tx = 6+00N

CALIBRATION

Tx	PFE	
12	2.6	3.1
23	2.6	2.7
34	2.5	3.6
45	2.3	2.7
56	3.2	3.6
67	4.5	2.9

Rx	Tx	V	Sc	T	PFE
L 475-500N	12	353	1V	82	6.9
	23	274	100	76	6.9
	34	290	100	84	6.9
	45	108	100	90	10.0N
M 500-525N	23	140	1V	78	7.9
	34	105	1V	84	7.2
	45	289	100	90	7.2
	56	105	100	98	9.9

R. D. PENHALL LTD. MADE IN B.C. DUKSBAK WATERPROOF

Rx	Tx	V	Sc		
N 525-550N	34	716	LV	86	5.4
	45	988	100	90	5.1
	56	304	100	98	8.1
	67	138	100	100	11.3
O 550-575N	45	220	LV	90	6.6
	56	533	100	98	9.6
	67	201	100	100	10.2
P 575-600N	56	3.5	LV	98	6.9
	67	596	100	100	9.8
Q 600-625N	67	300	LV	100	7.7
	BACKSIGHT				
T 675-700N	56	133	LV	86	12.0
	45	560	100	80	12.0
	34	294	100	84	11.1
	23	656	10	80	12.0
U 700-725N	67	227	LV	100	13.7
	56	605	100	94	12.9
	45	387	100	88	10.9
	34	284	100	86	12.0
V 725-750N	67	448	100	100	14.1
	56	186	100	96	13.2
	45	145	100	88	10.4
W 750-775N	67	122	100	100	12.5
	56	580	10	98	13.0
X 775-800N	67	362	10	100	12.5N

Comments:

Outcrop at bottom line 4X 700-725N veg.

good survey - rarely noisy

L41 Tx=6+00N cont'd Fri Jul 8

Kx	Tx	V	Sc	I	PFE
I 400-425	12	168	100	82	6.3
J 425-450	12	319	100	82	6.6
	23	662	10	76	7.0W
K 450-475	12	525	100	84	6.9
	23	896	10	76	7.4
	34	133	100	84	8.0

Saturday, July 9

IP L 41+00 W

Tx = 4+00 N

CALIBRATION

Tx	PFE
12	2.9
23	2.7
34	2.7
45	3.3
56	2.7
67	2.1

Rx	Tx	V	Sc	I Gen	PFE
A 200-225N	12	408	10	115	3.5
B 225-250N	12	656	10	115	3.3
	23	124	10	72	7.2
C 250-275N	12	215	100	115	3.9
	23	286	10	72	6.2
	34	153	10	76	7.2

PFE

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

Rx	Tx	V	SL	I	PFE
D 275-300N	12	349	1V	115	4.5
	23	174	100	72	6.6
	34	632	10	76	6.9
	45	364	10	82	5.4
E 300-325N	23	124	1V	72	6.6
	34	318	100	76	7.0
	45	162	100	82	5.7
	56	636	10	82	5.7
F 325-350N	34	184	1V	76	7.9
	45	666	100	82	5.1
	56	199	100	82	6.1
	67	130	100	130	4.8
G 350-375N	45	107	10V	82	19.5
	56	186	1V	82	7.0
	67	540	100	130	2.7
H 375-400N	56	486	1V	82	6.5
	67	170	1V	130	3.9
I 400-425N	67	494	1V	130	3.3
	BACKSIGHT				
L 475-500N	56	127	1V	82	6.9
	45	452	100	82	21.5
	34	158	100	74	7.8
	23	534	10	70	4.5
M 500-525N	67	318	1V	130	3.2
	56	634	100	82	5.7
	45	309	100	82	5.1
	34	131	100	74	7.8
N 525-550N	67	804	100	125	3.0
	56	298	100	82	6.8
	45	175	100	82	5.4
O 550-575N	67	330	100	130	5.6
	56	148	100	82	6.7
P 575-600N	67	174	100	130	5.4

Comments:

Tuesday July 12

IP L32 +00W

Tx = 1+00N

CALIBRATION

Tx	PFE
12	.9
23	1.3
34	.9
45	3.0
56	2.1
67	2.1

	Rx	Tx	V	Sc	I_{Gim}	PFE
A	100-75S	12	357	10	175	1.7
B	75-50S	12	894	10	175	3.3
		23	344	10	210	4.2N
C	50-25S	12	282	100	175	3.8
		23	762	10	215	6.0N
		34	475	10	210	1.5N

R.D. PENHALL LTD. DUKSBAK WATERPROOF MADE IN B.C.

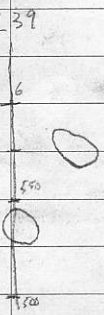
I PFE

Rx	Tx	V	Sc		
D 25-BL	12	233	1V	175	4.0
	23	215	100	225	3.8
	34	108	100	215	5.0
	45	333	10	150	2.4
E BL-25N	23	222	1V	225	11.0
	34	816	100	215	5.7
	45	203	100	150	6.0
	56	816	10	150	4.5
F 25-50N	34	381	1V	210	10.2
	45	299	100	155	9.0
	56	266	100	150	9.0
	67	132	100	155	9.0
G 50-75N	45	317	1V	155	10.2
	56	625	100	150	8.7
	67	285	100	155	8.7N
H 75-100N	56	290	1V	150	6.3
	67	885	100	155	6.5
I 100-125N	67	392	1V	155	5.2
	BACKSHAFT				
J 175-200N	56	157	1V	150	8.4
	45	835	100	155	5.9
	34	653	100	210	3.4
	23	247	100	225	9.3
M 200-225N	67	122	1V	155	9.6
	56	291	100	150	7.2
	45	357	100	155	6.5
	34	258	100	210	6.9
N 225-250N	67	535	100	160	8.1
	56	776	100	150	6.9
	45	171	100	155	8.1
O 250-275N	67	207	100	160	10.2
	56	878	10	150	7.2
P 275-3 N	67	132	100	160	11.4

L39+00 - 5+25 O/C Dk grn And- altered fps. epidote

L38+75 - 5+75 O/C

L39+25 - 5+75 O/C.



Large Resistant O/C

L40 - 5+50. O/C also

And/

Diabase?

L64 12

L63 11

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

Clip on wires + stakes.

Battery - Crectons

Single cable bunches -

Kapusta - keys
- Geol
- status of Finances
- cash in hand,
etc.

TRUCK FIX
13th.

*salt, soap
groceries
groceries sheet
plastic sheet
shampoo
Lid for 3 gal can
Bolts for Canopy.
Bring Fibre Tape.