

AJAX -  
MERCURY

BEAUVERDELL  
B.C.

SUPPLIED BY

672574

STA.	B.S.	HORIZ. L	VERT L	DIST.	H. above gr. ELEV H.P.
+	F.S.				
H.I.					
X (BASELINE)	BS. Y				
2.32	CH. PT ✓	0-00	-3°-45'	167.82	
Y	X				
2.53	CH. PT	00-00	08°-50'	109.08	
Y	X	0-00			
2.39	A-1	179-40	-0-55	145.27	-2.0
A-1	Y	215-35	-3-15	85.98	-1.5
2.46	A-2				
A-2	A-1	206-14	+1-30	150.81	-1.5
3.83	A-3				

July 11, 1968

T G. Douglas

R. Sherwood

Est. Base Line X-Y to work  
all lines from surfaces  
underground.

STATION A-1

STATION A-2

STATION A-3

Sta H.I.	B.S. I.S.	HORIZ L	VERT L	DIST	H.P.	T.A. to Ground.	$\pi$ -G.D. -R.S.	July 12/68	22-03	E of N.
A-3	A-2	00-00								
+3.48	A-4	150-55	03-55	75.71	00-00	-3.5				STATION A-4
A-4	A-3	0-00								
+1.86	A-5	161-40	18-40	138.89	00-00	-2.0				STATION A-5
A-5	A-4	00-00								
+2.70	A-6	168-51	17-50	112.75	00-00	-2.0				STATION A-6
A-6	A-5									
+2.94	A-7	34-58	01-00	61.89	+1.75	-4.5	R-1.5 L-2.1			STATION A-7
	A-8	235-57	23-10	141.83	00-00	-0.5				STATION A-8
		04-57	15-05	79.95	00-00	-0.5				OLD SURVEY Pt.
0.S. #101		154-48	25-45	11.67	00-00	-0.5				OLD SURVEY Pt. #101 DATUM POINT
A-8	A-6	00-00			00-00					STATION A-9
+3.95	A-9	337-03	02-30	68.39	00-00	-6.0	26' to collar			OLD STATION <del>OLD STATION</del> - ENTRANCE
		163-52	17-50	15.97	00-00	-1.5				LOWER RAMBLE ADIT OLD STATION - DN EDGE WASTE DUMP - L.R.A.
A-9	A-8	00-00								
-1.47	#201	175-58	00-05	75.81	+2.20	-4.2	R 2.7 L 2.6			#201 OLD STATION INSIDE LOWER ADIT - L.R.A.

To get Bg of Baseline XY

X MAG. N 00  
 Y 233 17 se Bg XY = 255 20

MAG. N 22 03  
 Y 255 03 30 255 04

MAG. N 22 03  
 255 14

$A^v = \frac{255}{255} \frac{14}{13}$

$A^v$  Bg YX 75 13

Y MAG. N 22 03  
 X 71 25

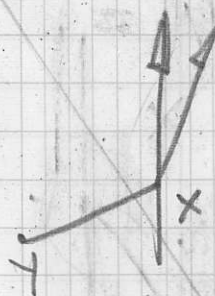
MAG. N 22 03  
 71 25

MAG. N 22 03 } 71 27  
 49 24

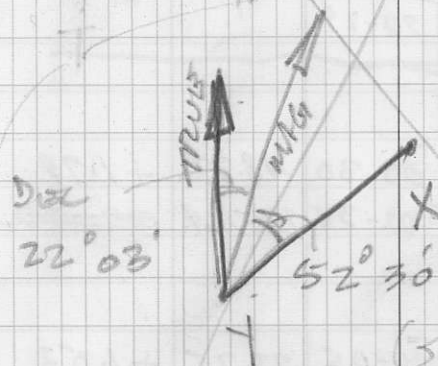
13 July 68

K.G.D  
 D.S

Use MAG. Dec. 22° 03' E of N



233 17	255 03 30
+ 22 03	- 180 =
255 20	75 03 30
- 180	
75 20	255 14
	- 180
	75 14



TRUE BG YX = 52 30  
 22 03  
 74 33



To Get By X-Y H.P.

251 04  
180  
71 04  
July 13/68

K-G.D  
P.S

	FS	Horiz	VERT	DIST	H.P.
Y	MAG. N.	22-03			
	X	72.24			
Y	M. N.	22-03			
	X	71-51			
X	M. N.	22-03			
	Y	251-04	71-04		
X	M. N.	22-03			
	Y	250-29	70-29		
<hr/>					
#201	A9				
-1.20	#202	202-26	00-30	48.72	+1.78
	T.P.	00-53	02-35	125.64	<del>00-00</del>
#202	#201				
-1.47	A-16	154-48	00-05	23.75	+1.53
A-16	#202				
-3.50	A-17	187-38	00-50	25.36	+2.65
T.P.	#201	34-23	+21-55	120.98	00-00
+4.60	#101				00-00

O.S.P. #202  
TURNING Pt.

OSP #203

O.S.P. #204

OSP #101

DAWUM  
POINT

STA # HI	BS FS	Horiz L	VERT L	DIST	H. P.	H. G.	
X	Y						
+2.67	A-10	263-06	+ 05-10	189.30	00-00	+1.0	STATION A-10
A-10	X						
+3.30	A-11	217-13	- 07-45	65.42	00-00	-2.0	STATION A-11
A-11	A-10						
+3.24	A-12	104-33	+ 16-40	111.58	00-00	-4.0	STATION A-12
A-12	A-11						
+1.66	TP#1	261-55	- 00-50	173.39	00-00	0.0	UPPER EDGE ROAD
TP#1	A-12						
+5.08	TP#2	173-57	+ 04-10	51.51	00-00	0.0	LOWER EDGE ROAD
TP#2	TP#1						
+4.93	TP#3	151-14	+ 07-10	114.35	00-00	0.0	LOWER EDGE ROAD
TP#3	TP#2						
+4.94	TP#4	150-06	+ 05-20	156.60	00-00	0.0	LOWER EDGE ROAD
TP#4	TP#3						
+4.81	TP#5	167-35	+ 07-30	199.78	00-00	0.0	UPPER EDGE ROAD

STA	BS	BUSTER				ADIT.	T 6.D. D.S.					
HI	FS	Hor L	Vert L	Dist	H.P.	H.G.	July 14/68					
TP#5 #4.98	TP#4 A-13	173-58	+ 11-55	137.31	00-00	-1.5				STATION A-13	EDGE OF BUSTER	DUMP
A-13 +3.60	TP#5 A-14	223-20	- 00-30	102.28	00-00	-1.5				STATION A-14	EDGE OF W BUSTER	DUMP
A-14 #3.14	A-13 OSP T-0	106-53	+ 02-10	83.25	00-00	-6.0	L 1.10	R 2.5	05.P-T-0	ENTRANCE TO BUSTER ADIT		
T-0 -1.42	A-14 T-1	185-30	- 00-35	27.95	+1.46	-4.7	L 1.8	R 1.9	OSP T-1			
T-1 -1.74	T-0 T-2	196-02	+ 01-15	80.01	+1.64	-4.8	L 4.9	R 1.8	O.S.P. T-2			
T-2 -2.09	T-1 T-3	174-27	- 01-50	64.32	+5.18	-1.6	L 1.2	R 4.9	OSP T-3			
T-3 2.27	T-2 T-4	209-05	+ 02-10	25.88	+2.62	-4.9	L 4.0	R 1.6	OSP T-4			
T-4 -3.16	T-3 T-5	136-55	+ 01-10	42.14	+2.40	-5.1	L 4.1	R 2.7	OSP T-5			

TGD  
D.S

July 14/68

STA HI	B.S F.S	HOR L	VERTL	DIST	H.P	H.G			
T-5	T-4								
-2.94	A-15	194-04	-00-25	63.25	+2.98	-3.8	L 3.5	R 2.2	STATION A-15
A-15	T-5		+						
2.39	T-6	161-42	00-20	28.10	+2.48	-3.9	L 4.7	R 1.6	OSP. T-6
T-6	A-15		+						
-2.18	T-7	115-54	00-15	23.38	+2.37	-5.6	L 5.0	R 5.9	OSP T-7

July 17/68

T-7	T-6								
-5.04	A-18	220-47	-01-35	60.46	+5.76	-1.5	L <sup>shaft</sup> 7.5	R 6.5	STATION A-18 - <sup>Buster</sup> <sub>Adair</sub>
A-18	T-7								
-3.94	T-9	199-04	02-10	29.78	+3.84	-2.7	L 3.6	R 2.7	OSP. T-9
T-9	A-18								
-1.57	T-10	184-05	00-25	60.38	+3.10	-4.1	L 3.2	R 2.9	OSP T-10
T-10	T-9								
-1.83	A-19	152-14	02-00	29.00	+2.62	-4.1	L 1.6	R 4.1	Station A-19



STA HI	BS FS	A.L	V.L	Dist.	H.P.T.	H.G.	July 17/48			T 67 DS
A-19	T-10									
T-160	A-20	202-28	+ 00-25	30.90	+2.18	-5.2	L 3.3	R 4.6	Station A-20	Buster
DDH-46-3	224-36	-26-50		9.00	8000				DDH-46-3	<sup>40ft</sup> 30° on FLOOR
A-20	A-19								Stat A-21	
T-19	A-21	206-12	-01-40	99.23	00-00				End Buster drift	
T-11	09-30	-01-50		18.32	+1.87	-5.0	L 4.8	R 1.4	OSP T-11	
T-13	209-20	+ 03-28		9.41	+1.43	-5.7	L 1.9	R 4.2	OSP T-13	

T 60  
DS

July 18/68

Rambler - middle land

STA HI	P.S FS	HORZ	VERTL	DIST	Ht. Pt	H.G.			
A-7 -1.19	A-6 A-22	147-27	00-15	31.52	+3.84	-4.1	L 4.5 R 10.0	STATION A-22	Deep (right)
	A-23	144-14	01-55	83.34	+5.56	-1.3	L 2.5 R 3.6	STATION A-23	
A-23 -1.95	A-7 A-24	191-10	00-00	76.72	+2.05	-4.3	L 4.2 R 3.2	STATION A-24	
A-24 -1.89	A-23 A-25	209-32	+01-10	38.35	+2.24	-4.7	L 2.7 R 2.2	STATION A-25	Deep left
A-25 -1.80	A-24 A-26	224-20	+02-10	44.27	+2.73	-6.3	L 3.4 R 5.2	STATION A-26	Deep left
	A-27	224-24	+01-55	104.26	+2.19	-5.5	L 3.6 R 1.6	STATION A-27	
X +2.48	Y A-28	279-56	05-30	194.65	00-00	-0.8		STATION A-28	not set
A-28 +4.36	X A-29	185-29	+07-00	162.58	00-00	-3.0			
A-29 +1.97	A-28 A-30	209-50	01-50	164.25	00-00	-4.2			

Sta. HI	BS FS	Horiz	Vert 2	Dist	HA.PT	A.G.	TGD D'S July 18/68
A30 +1.52	A29 A31	118-15	+24-55	54.81	00-00	-2.8	STATION A-31 <small>OLD ADPT DUMP</small>
A32	A32	171-30	01-20	187.18	00-01	-0.9	STATION A-32 <small>on foot trail</small>
July 19/68							
A32 +4.72	A30 A-33	168-29	00-30	88.95	00-00	-0.6	STATION A-33 <small>on foot trail</small>
A-33 +4.71	A-32 A-34	153-08	01-15	111.45	00-00	-0.6	on foot trail
A-34 +5.11	A-33 A-35	162-20	04-50	67.34	00-00	-1.9	on foot trail
A-35 +3.22	A-34 A-36	101-11	+01-20	84.70	+2.81	—	St. A-36 <small>inside about</small>
A-37	A-37	262-42	-32-10	39.98	00.00	-1.1	Sta. A-37. <small>East to West. (at top)</small>
A-38	A-38	213-45	09-40	114.94	00-00	-1.2	Sta. A-38. <small>East to West from below</small>

Sta	BS					H.G.	
HI	FS	Hor L	Vert L	Dist	HP		
X	Y	A-39					
+2.88	A-39	245.12	-06-25	101.84	00-00	-7.0	L-1.9 R1.7 Int to lower Standard and A-39
A-39	X						
-7.88	A-40	139.58	00-00	36.58	+2.17	-4.7	L 3.8 R 1.9 St. A40
A40	A39						
-1.74	A41	164.26	+00-45	58.12	+1.54	-5.5	L 3.6 R 1.1 St. A41
A-40	A-40						
-2.03	A-42	175.42	+01-10	75.46	+2.33	-5.0	L 3.3 R 3.4 St. A42
A-42	A41						
-2.26	A-42a	212.10	+00-45	14.98	+2.43	-4.6	L 1.9 R 3.5 St. A-42
	A-43	179.28	01-40	38.39	+1.95	-3.8	L 1.4 R 3.4 St. A-43
A-43	A-42						
-0.74	A-44	223.30	-3-00	25.79	+3.58	-1.2	L
A-44	A-43						
-2.13	A-44a	150.37	+01-40	40.64	+3.72	-5.0	L 3.8 R 2.4 4.6 to face drift
	<del>A-44</del>						
	A-45	252.18	+05-25	20.80	00-00	-6.2	L 0.6 R 2.9

Standard  
 July 19/68  
 T.G.D.  
 25



Sta	BS				
HI	FS	Asc L	Vert L	Dist	HA-P

A-45	A-44				
-1.25	A-46	222-57	+00-20	64.58	+3.33

A-46	A-45				
-2.88					
	A-46a	46-35	+00-25	27.14	+2.14

	A-47	187-40	+06-35	30.99	00-00
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A-47	A-46				
-3.14	A-48	111-12	+01-15	69.43	00-00

A-44	A-43				
-1.92	A44-B	297-07	+20-00	21.77	+9.48

	A44-D	90-51	+01-40	14.90	00-00
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	A44-E	223-57	+15-55	26.16	+4.97
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A44E	A-44				
-7.67	A-44F	251-28	+00-50	24.86	00-00

	A-44G	151-13	-00-38	44.53	00-00
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STANDARD July 19/68  $\pi$  GD

HG

-45 L 1.4 R 5.4 ST A-46

-4.5 L 3.9 R 1.1 ST A-46a

-7.3 L R 0 R 4.0 ST A-47

-5.6 L 1.9 R 2.5 ST A-48  $\pi$  face  
2.3 ft

July 20/68

Standard

	SS RS	Horiz	Vert	Dist	Alt/A,
A46a	A46				
-1.42	A46B	155-22	+02-40	20.23	00-00
A42a	A42				
-1.78	A42b	184-57	+07-50	16.65	00-00
	A42-c	228-35	+34-40	16.11	+7.41
	A42-d	320-15	+33-20	19.57	00-00
A42-c	A42-a				
-5.27	A44-b	106-25	+12-55	24.41	00-00
A44b	A42-c				
-1.82	A44c	271-10	+11-20	24.46	+2.33
A-25	A-24				
-1.82	A-25a	134-58	+01-15	25.55	+1.32
A25a	A25				
-1.56	A-25B	246-33	+04-40	15.67	+3.36

Standard

July 20/68

C.D  
K GU  
D S

RAMBLER

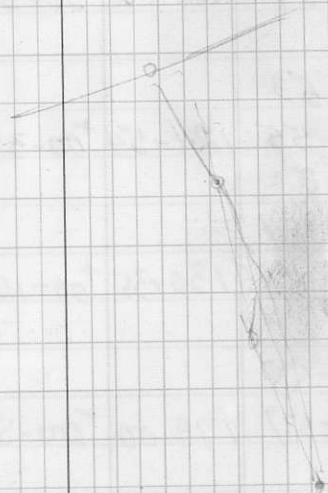
Rambler

T.G.D

D.S

July 20/68

	FS	Hor L	Vert 2	Dist	HTPT
A A-22	A-7				
-3.03	A22a	380.00	-00-55	18.09	+2.34
A A22a	A-22				
-1.30	A22B	205-30	+4-20	15.66	00-00
A-26	A-25				
-3.69	A-26a	59-06	+00-45	32.05	+2.82
A27	A-26				
-2.48	A-49	167-13	+00-15	35.42	+2.61
A49	A27				
-2.56	A49a	86-26	-00-30	38.18	+3.88
A 50	A 50	277-30	-00-15	51.48	00-00
A-51	A-51	279-10	+00-55	66.60	+0.88
A49a	A49				
-3.22	A49b	286-22	+01-20	40.92	+1.79
A50	A49				
-0.82	A50a	201-02	+05-15	44.18	00-00



Sta BS  
H1 FS Horiz Vert Dist HPT

July 21/68

TGD  
DS

A50 A49  
-0.82 A52 125-41 -46-15 61.28 00-00

A-26 A-25  
A-27 10-08

Est. bearing  
A26-A27

A52 A50  
-1.09 A53 87-50 -16-55 10.00 +1.25

A53 A52  
-1.00 A54 207-25 +00-50 30.03 +2.69

A-2  
A54 A53  
-2.22 A-55 124-54 +00-35 42.61 +3.55

A55 A54  
-3.04 A56 130+35 +00-10 47.27 +1.98

A4  
-3.1  
A-56 A-55  
-1.01 A-57 179-00 -00-50 46.23 +2.68

A5  
-0.8  
A53 A52  
-1.51 A-53a 110-08 00-50 28.58 00-00



A-17 A-16  
-2.10 A58 219-13 00-15 42.37 +2.74

A58 A-17  
-2.96 A58a 121-37 01-10 29.37 +2.26

A-59 180-50 +01-15 31.09 +2.45

A-59 A58  
-2.67 A59 a 125-08 +01-30 37.91 00-00

A60 219-26 00-00 67.38 +2.31

A-60 A59  
-1.91 A-61 149-53 01-00 71.70 +2.30

A61 A60  
-1.62 A61a 110-13 +04-40 33.72 00-00

A-62 178-52 +05-20 24.30 00-00

July 23/68

A GD  
DS

STA	BS	Hor L	Vert L	Dist	H. A	HG.
HJ	FS					
A-28	X					
+4.39	A-63	284-04	71-15	140.55	00-00	-1.4
X	Y					
+2.53	A-64	233-40	69-55	128.90	00-00	-0.7
202	201					
-1.34	202A	188-20	72-30	13.08		+3.77
202A	202					
-0.90	202B	244-18	02-00	35.51		+2.29
202B	202A					
-1.10	202c	161-33	00-10	14.31		+2.38
202c	202b					
-1.84	202d	147-57	+00-20	27.02		+3.68
July 24/68						
202d	202c					
-2.16	202e	177-22	70-35	19.76		+3.45
	202g	285-12	+09-20	25.97		00-00
	202h	108-49	00-40	20.91		+4.36

Sta	BS	ICRL	Vert	dist	HT Pt
H1	FS				

July 24/68  
 Ramblers  
 TGD  
 DS

202 E 202 D

A -0.91 202 F 114-47 00-00 14.48 00-00

A-16<sup>OSP</sup> 202

A -1.45 A16A 146-15 00-50 48.38 +3.18

A-16A A16

A -1.77 A16B 157-48 03-25 25.66 +5.52

OSP #1 A-6

+4.22 A-65 229-50 39-00 20.89 +1.22

A28 X

+4.34 A28a 87-31 02-35 31.30 +1.94

A28a A28

-0.85 A28b 244-00 00-15 17.70 +3.23

A28b A28a

-2.69 A28c 254-25 03-20 19.85 +1.81

A28c A28b

-0.83 A28d 635-30 + 02-15 57-69 00-00

Standard adits same

Sta	BS	Hor L	Vert 2	eleat	APP
A 36	A 35				
-1.70	A 36a	225-46	7-40	17.03	+2.46
A 36a	A 36				
-1.40	A 36b	211-02	2-40	32.11	+2.53
A 36b	A 36a				
-1.04	A 36c	156-57	01-00	91.74	+2.36
A 37	A 35				
+3.70	A 37a	72-50	41-05	16.02	00-00
A 37a	A 37				
+4.57	A 37b	140-14	08-00	18.47	00-00
A 38	A 35				
+3.73	A 38a	90-53	00-10	48.21	+2.03
A 38a	A 38				
-1.11	A 38b	162-01	01-10	34.09	00-00

July 24/68  $\pi$  GD  
 Standard adults (rain)



Sta	BS				
Ni	FS	HorL	VertL	dist	APT
A63	A28				
+3.29	A63a	195-20	-26.30	32.78	+3.72
A63a	A63				
-2.82	A63b	177-02	+00-15	57-79	+2.22
A63b	A63a				
-1.17	A63c	135-20	-01-15	29.58	+2.98
A63c	A63b				
-1.54	A63d	235 31	-6.20	9.85	+2.05
A13	A14				
+3.89	A66	90-37	-18-20	181.55	00-00
A66	A13				
+2.26	A66a	33-20	+01-45	72.46	00-00
	A66b	50-55	-03-30	49.40	+3.79