

sum75

ensure SMPLSITE is completed for each record.

Structure for database: B:\van75.dbf
Number of data records: 84
Date of last update : 12/17/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE	Character	9	
2	RECSITE	Character	9	
3	PREVSITE	Character	9	
4	LOCATION	Memo	10	
5	DATE	Date	8	
6	TEMP	Numeric	7	2
7	PH_FIELD	Numeric	9	2
8	PH_21C	Numeric	9	2
9	SUSP_SOLID	Numeric	9	2
10	DISS_SOLID	Numeric	9	2
11	RES_NF_550	Numeric	7	1
12	RES_FF_550	Numeric	7	1
13	TURBIDITY	Numeric	9	2
14	SPEC_COND	Numeric	7	1
15	TOT HARD	Numeric	8	1
16	ALKAL_F	Numeric	8	1
17	ALKAL_T	Numeric	8	1
18	NO2_NO3	Numeric	9	4
19	TOTAL_PO4	Numeric	9	4
20	S04	Numeric	9	4
21	CL	Numeric	9	4
22	C_INORGAN	Numeric	9	4
23	C_ORGANIC	Numeric	9	4
24	C_TOTAL	Numeric	9	4
25	COLOUR	Numeric	9	4
26	CA_MG_L	Numeric	9	4
27	FE_MG_L	Numeric	9	4
28	MN_MG_L	Numeric	9	4
29	CU_MG_L	Numeric	9	4
30	PB_MG_L	Numeric	9	4
31	ZN_MG_L	Numeric	9	4
32	CD_MG_L	Numeric	9	4
33	AS_MG_L	Numeric	9	4
34	HG_MG_L	Numeric	9	4
35	AG_MG_L	Numeric	9	4
36	BA_MG_L	Numeric	9	4
37	MO_MG_L	Numeric	9	4
38	NI_MG_L	Numeric	9	4
39	CO_MG_L	Numeric	9	4
40	SE_MG_L	Numeric	9	4
41	CR	Numeric	9	4
42	W	Numeric	9	4
43	NA	Numeric	9	4
44	K	Numeric	9	4
45	CYANIDE	Numeric	9	4
46	AMMONIA	Numeric	9	4
47	PHENOL	Numeric	9	4
48	BORON_D	Numeric	9	4
49	DISS_OXY	Numeric	7	2
50	DISCHARGE	Numeric	9	4
51	SAMPLER	Character	15	
52	LABORATORY	Character	15	

CURRENT;
SITE 9 -
RECORDED;
SITE 9 -
PREVIOUS;
SITE 9 -
DATE 6 -
PH; field 5 2
PH; lab 5 2
SS; (mg/L) 7 2
OS; (mg/L) 7 2
Res-nf-550 10 1
Res-ff-550 10 1
Turb. 9 2
Spec Cond 9 1
To Hard 8 1

SUM75

020434

sum75B

CURRENT
SITE 9
DATE 6
Alkal;(P) 8 1
Alkal;(T) 8 1

finish SUM75B

** Total ** 468

Structure for database: B:\van76.dbf
Number of data records: 79
Date of last update : 12/16/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE	Character	9	

Structure for database: B:\van76.dbf

Number of data records: 79

Date of last update : 12/16/87

sum76

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	9	
2	RECSITE ✓	Character	9	
3	PREVSITE ✓	Character	9	
4	LOCATION	Memo	10	
5	DATE ✓	Date	8	
6	TEMP ✓	Numeric	7	2
7	PH_FIELD ✓	Numeric	7 6	2 1
8	PH_21 ✓	Numeric	7 6	2 1
9	SUSP_SOLID ✓	Numeric	9 7	2 2
10	DISS_SOLID ✓	Numeric	9 7	2 2
11	RES_NF_550 ✓	Numeric	7	1
12	RES_FF_550 ✓	Numeric	7	1
13	TURBIDITY ✓	Numeric	9	2
14	SPEC_COND ✓	Numeric	7	1
15	TOT_HARD ✓	Numeric	8	1
✓16	ALKAL_F ✓	Numeric	8	1 Sum76b ✓
✓17	ALKAL_T ✓	Numeric	8	1
✓18	NO2_NO3 ✓	Numeric	9	4 (part2) ✓
✓19	TOTAL_PO4 ✓	Numeric	9	4
✓20	SO4 ✓	Numeric	7	1
✓21	CL ✓	Numeric	9	4
✓22	C_INORGAN ✓	Numeric	9	4
✓23	C_ORGANIC ✓	Numeric	9	4
✓24	C_TOTAL ✓	Numeric	9	4
✓25	C_PARTICUL ✓	Numeric	9	4
✓26	COLOUR	Numeric	9	4 No UNITS ✓
27	CA_MG_L ✓	Numeric	9	4
28	FE_MG_L ✓	Numeric	9	4 Sum76c ✓
29	MN_MG_L ✓	Numeric	9	4
30	CU_MG_L ✓	Numeric	9	4 (part3)
31	PB_MG_L ✓	Numeric	9	4
32	ZN_MG_L ✓	Numeric	9	4
33	CD_MG_L ✓	Numeric	9	4
34	AS_MG_L ✓	Numeric	9	4
35	HG_MG_L ✓	Numeric	9	4
36	AG_MG_L ✓	Numeric	9	4
37	BA_MG_L ✓	Numeric	9	4 Sum76D ✓
38	MO_MG_L ✓	Numeric	9	4 (part4)
39	NI_MG_L ✓	Numeric	9	4
40	CO_MG_L ✓	Numeric	9	4
41	SE_MG_L ✓	Numeric	9	4
42	CR ✓	Numeric	9	4
43	W ✓	Numeric	9	4
44	NA ✓	Numeric	9	4
45	K ✓	Numeric	9	4
46	N_PART ✓	Numeric	7	3
47	N_TOT_DIS ✓	Numeric	9	4 Sum76E ✓
48	CYANIDE ✓	Numeric	9	4 (part5)
49	AMMONIA ✓	Numeric	9	4
50	PHENOL ✓	Numeric	9	4
51	BORON_D ✓	Numeric	9	4
52	DISS_OXY ✓	Numeric	7	2
53	DISCHARGE ✓	Numeric	9	4
54	SAMPLER ✓	Character	15	
55	LABORATORY ✓	Character	19	

** Total **

491

report sizes in pencil

(part 1) ✓

erase sum B!

No UNITS

sum76c ✓

(part3)

sum76D ✓

(part4)

sum76E ✓

(part5)

Structure for database: B:\van77.dbf

Number of data records: 31

Date of last update : 12/16/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	9	
2	RECSITE ✓	Character	9	
3	PREVSITE ✓	Character	9	
4	LOCATION	Memo	10	
5	DATE ✓	Date	8	
6	TEMP ✓	Numeric	7	2
7	PH_FIELD ✓	Numeric	7 6	2 1
8	PH ✓	Numeric	9 6	2 1
9	SUSP_SOLID ✓	Numeric	9 7	2
10	DISS_SOLID ✓	Numeric	9 7	2
11	RES_NF_550 ✓	Numeric	9 7	2
12	RES_FF_550 ✓	Numeric	9 7	2
13	TURBIDITY ✓	Numeric	9	2
14	SPEC_COND ✓	Numeric	7	1
15	TOT_HARD ✓	Numeric	8	1
<hr/>				
16	ALKAL_P ✓	Numeric	8	1
17	ALKAL_T ✓	Numeric	8	1
18	NO2_NO3 ✓	Numeric	9	4
19	TOTAL_PO4 ✓	Numeric	9	4
20	SO4 ✓	Numeric	7	1
21	CL ✓	Numeric	9	4
22	C_INORGAN ✓	Numeric	9	4
23	C_ORGANIC ✓	Numeric	9	4
24	C_TOTAL ✓	Numeric	9	4
25	C_PARTICUL ✓	Numeric	9	4
26	COLOUR ✓	Numeric	9	4
<hr/>				
27	CA_MG_L ✓	Numeric	9	4
28	FE_MG_L ✓	Numeric	9	4
29	MN_MG_L ✓	Numeric	9	4
30	CU_MG_L ✓	Numeric	9	4
31	PB_MG_L ✓	Numeric	9	4
32	ZN_MG_L ✓	Numeric	9	4
33	CD_MG_L ✓	Numeric	9	4
34	AS_MG_L ✓	Numeric	9	4
35	HG_MG_L ✓	Numeric	9	4
36	AG_MG_L ✓	Numeric	9	4
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37	BA_MG_L ✓	Numeric	9	4
38	MO_MG_L ✓	Numeric	9	4
39	NI_MG_L ✓	Numeric	9	4
40	CO_MG_L ✓	Numeric	9	4
41	SE_MG_L ✓	Numeric	9	4
42	CR ✓	Numeric	9	4
43	W ✓	Numeric	9	4
44	NA ✓	Numeric	9	4
45	K ✓	Numeric	9	4
46	CYANIDE ✓	Numeric	9	4
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47	AMMONIA ✓	Numeric	9	4
48	N_PARTICUL ✓	Numeric	9	4
49	N_TOT_DIS ✓	Numeric	9	4
50	PHENOL ✓	Numeric	9	4
51	CHLOR_DIS ✓	Numeric	9	4
52	FLUOR_DIS ✓	Numeric	9	4
53	SILICA_REA ✓	Numeric	9	4
54	MG_MG_L ✓	Numeric	9	4
55	DISS_OXY ✓	Numeric	9	4
56	DISCHARGE ✓	Numeric	9	4
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57	SAMPLER	Character	15	
58	LABORATORY	Character	19	

Sum77 - (part 1)

eyes for report are in pencil

Sum77B (part 2) ✓

Sum77C (part 3) ✓

Cum77D (part 4) ✓

Cum77E (part 5) ✓

Sum77F (part 6) ✓

Structure for database: B:van78.dbf

Number of data records: 3

Date of last update : 12/17/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	9	
2	RECSITE ✓	Character	9	
3	PREVSITE ✓	Character	9	
4	LOCATION	Memo	10	
5	DATE ✓	Date	8	
6	TEMP ✓	Numeric	7	2
7	PH_FIELD ✓	Numeric	7 6	2 1
8	PH ✓	Numeric	9 6	2 1
9	SUSP_SOLID ✓	Numeric	9 7	2
10	DISS_SOLID ✓	Numeric	9 7	2
11	RES_NF_550 ✓	Numeric	9 7	2 1
12	RES_FF_550 ✓	Numeric	9 7	2 1
13	TURBIDITY ✓	Numeric	9	2
14	SPEC_COND ✓	Numeric	7	1
15	TOT_HARD ✓	Numeric	8	1
16	ALKAL_P ✓	Numeric	8	1
17	ALKAL_T ✓	Numeric	8	1
18	NO2_NO3 ✓	Numeric	9	4
19	TOTAL_PO4 ✓	Numeric	9	4
20	S04 ✓	Numeric	7	1
21	CL ✓	Numeric	9	4
22	C_INORGAN ✓	Numeric	9	4
23	C_ORGANIC ✓	Numeric	9	4
24	C_TOTAL ✓	Numeric	9	4
25	C_PARTICUL ✓	Numeric	9	4
26	COLOUR ✓	Numeric	9	4
27	CA_MG_L ✓	Numeric	9	4
28	FE_MG_L ✓	Numeric	9	4
29	MN_MG_L ✓	Numeric	9	4
30	CU_MG_L ✓	Numeric	9	4
31	PB_MG_L ✓	Numeric	9	4
32	ZN_MG_L ✓	Numeric	9	4
33	CD_MG_L ✓	Numeric	9	4
34	AS_MG_L ✓	Numeric	9	4
35	HG_MG_L ✓	Numeric	9	4
36	AG_MG_L ✓	Numeric	9	4
37	BA_MG_L ✓	Numeric	9	4
38	MO_MG_L ✓	Numeric	9	4
39	NI_MG_L ✓	Numeric	9	4
40	CO_MG_L ✓	Numeric	9	4
41	SE_MG_L ✓	Numeric	9	4
42	CR ✓	Numeric	9	4
43	W ✓	Numeric	9	4
44	NA ✓	Numeric	9	4
45	K ✓	Numeric	9	4
46	CYANIDE ✓	Numeric	9	4
47	AMMONIA ✓	Numeric	9	4
48	N_PARTICUL ✓	Numeric	9	4
49	N_TOT_DIS ✓	Numeric	9	4
50	PHENOL ✓	Numeric	9	4
51	CHLOR_DIS ✓	Numeric	9	4
52	FLUOR_DIS ✓	Numeric	9	4
53	SILICA_REA ✓	Numeric	9	4
54	MG_MG_L ✓	Numeric	9	4
55	DISS_OXY ✓	Numeric	9	4
56	DISCHARGE ✓	Numeric	9	4
57	SAMPLER ✓	Character	15	
58	LABORATORY ✓	Character	19	

sum78 ✓ (part 1)

sum78b ✓ (part 2)

finished ← start here .

sum78c ✓ (part 3) ✓

sum78d ✓ (part 4) ✓

sum78e ✓ (part 5)

sum78f ✓ (part 6)

** Total ** 528

VAN79

Structure for database: B: van79.dbf

Number of data records: 15

Date of last update : 12/03/87

Sum79 (part 1) ✓

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	9	
2	RECSITE ✓	Character	9	
3	PREVSITE ✓	Character	9	
4	LOCATION	Memo	10	
5	DATE ✓	Date	8	
6	TEMP ✓	Numeric	7	2
7	PH ✓	Numeric	96	21
8	SUSP_SOLID ✓	Numeric	97	2
9	DISS_SOLID ✓	Numeric	97	2
10	TURBIDITY ✓	Numeric	9	2
11	SPEC_COND ✓	Numeric	7	1
12	TOT_HARD ✓	Numeric	8	1
13	ALKAL_P ✓	Numeric	8	1
14	ALKAL_T ✓	Numeric	8	1
15	NO2 NO3 ✓	Numeric	9	4
<hr/>				
16	TOTAL_PO4 ✓	Numeric	9	4
17	SO4 ✓	Numeric	7	1
18	CL ✓	Numeric	9	4
19	C_INORGAN ✓	Numeric	9	4
20	C_ORGANIC ✓	Numeric	9	4
21	C_TOTAL ✓	Numeric	9	4
22	COLOUR ✓	Numeric	9	4
23	CA_MG_L ✓	Numeric	9	4
24	FE_MG_L ✓	Numeric	9	4
25	MN_MG_L ✓	Numeric	9	4
<hr/>				
26	CU_MG_L ✓	Numeric	9	4
27	PB_MG_L ✓	Numeric	9	4
28	ZN_MG_L ✓	Numeric	9	4
29	CD_MG_L ✓	Numeric	9	4
30	AS_MG_L ✓	Numeric	9	4
31	HG_MG_L ✓	Numeric	9	4
32	AG_MG_L ✓	Numeric	9	4
33	BA_MG_L ✓	Numeric	9	4
34	MO_MG_L ✓	Numeric	9	4
35	NI_MG_L ✓	Numeric	9	4
<hr/>				
36	CO_MG_L ✓	Numeric	9	4
37	SE_MG_L ✓	Numeric	9	4
38	CR ✓	Numeric	9	4
39	W ✓	Numeric	9	4
40	NA ✓	Numeric	9	4
41	K ✓	Numeric	9	4
42	CYANIDE ✓	Numeric	9	4
43	AMMONIA ✓	Numeric	9	4
44	PHENOL ✓	Numeric	9	4
45	DISS_OXY ✓	Numeric	9	4
<hr/>				
46	DISCHARGE ✓	Numeric	9	4
47	SAMPLER ✓	Character	15	
48	LABORATORY ✓	Character	19	

Sum79b (part 2) ✓

Sum 79c (part 3) ✓

Sum 79d (part 4) ✓

Sum 79e (part 5) ✓

** Total ** 440

Structure for database: B:van80.dbf

Number of data records: 26

Date of last update : 12/03/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	9	
2	RECSITE ✓	Character	9	
3	PREVSITE ✓	Character	9	
4	LOCATION	Memo	10	
5	DATE ✓	Date	8	
6	TEMP ✓	Numeric	7	2
7	PH ✓	Numeric	7 6	2 1
8	SUSP_SOLID ✓	Numeric	9	2
9	DISS_SOLID ✓	Numeric	9	2
10	TURBIDITY ✓	Numeric	9	2
11	SPEC_COND ✓	Numeric	7 8	1
12	TOT_HARD ✓	Numeric	8	1
13	ALKAL_F ✓	Numeric	8	1
14	ALKAL_T ✓	Numeric	8	1
15	NO2_NO3 ✓	Numeric	9	4
16	TOTAL_PO4 ✓	Numeric	9	4
17	SO4 ✓	Numeric	7	1
18	CL ✓	Numeric	9	4
19	C_INORGAN ✓	Numeric	9	4
20	C_ORGANIC ✓	Numeric	9	4
21	C_TOTAL ✓	Numeric	9	4
22	COLOUR ✓	Numeric	9	4
23	CA_MG_L ✓	Numeric	9	4
24	FE_MG_L ✓	Numeric	9	4
25	MN_MG_L ✓	Numeric	9	4
26	CU_MG_L ✓	Numeric	9	4
27	PB_MG_L ✓	Numeric	9	4
28	ZN_MG_L ✓	Numeric	9	4
29	CD_MG_L ✓	Numeric	9	4
30	AS_MG_L ✓	Numeric	9	4
31	HG_MG_L ✓	Numeric	9	4
32	AG_MG_L ✓	Numeric	9	4
33	BA_MG_L ✓	Numeric	9	4
34	MO_MG_L ✓	Numeric	9	4
35	NI_MG_L ✓	Numeric	9	4
36	CO_MG_L ✓	Numeric	9	4
37	SE_MG_L ✓	Numeric	9	4
38	CR ✓	Numeric	9	4
39	W ✓	Numeric	9	4
40	NA ✓	Numeric	9	4
41	K ✓	Numeric	9	4
42	CYANIDE ✓	Numeric	9	4
43	AMMONIA ✓	Numeric	9	4
44	PHENOL ✓	Numeric	9	4
45	DISS_OXY ✓	Numeric	9	4
46	DISCHARGE ✓	Numeric	9	4
47	SAMPLER ✓	Character	15	
48	LABORATORY ✓	Character	19	
** Total **			440	

Sum80 ✓ (part 1)

Sum80b ✓ (part 2)

Sum80c ✓ (part 3)

Sum80d ✓ (part 4)

Sum80e ✓ (part 5)

Structure for database: B:van87.dbf
Number of data records: 90
Date of last update : 12/31/87

Field	Field Name	Type	Width	Dec
1	SMPLSITE ✓	Character	15	
2	SMPLDATE ✓	Date	8	
3	LOCATION	Memo	10	
4	PH ✓	Numeric	5	2
5	TEMP ✓	Numeric	5	2
6	SUSP_SOLID ✓	Numeric	9	2
7	DISCHARGE ✓	Numeric	9	4
8	AMMONIA ✓	Numeric	9	4
9	CU_MG_L ✓	Numeric	9	4
10	PB_MG_L ✓	Numeric	9	4
11	ZN_MG_L ✓	Numeric	9	4
12	CYANIDE ✓	Numeric	9	4
13	MN_MG_L ✓	Numeric	9	4
14	NA ✓	Numeric	9	4
15	SO4 ✓	Numeric	7	1
16	HG_MG_L ✓	Numeric	10	5
17	AS_MG_L ✓	Numeric	9	4
18	ALKALINITY ✓	Numeric	8	1
19	NOTES	Memo	10	
20	ANTIMONY ✓	Numeric	9	4
**	Total **		178	

Summary
Summary b

CURRAGH RESOURCES
VANGORDA DATABASE
1987 WATER QUALITY SUMMARY

SITE	DATE	pH	Temp (C)	SS (mg/L)	Q (cum/s)	NH3 (mg/L)	Cu (mg/L) ext	Pb (mg/L)	Zn (mg/L)	Mn (mg/L)	Na (mg/L)	SO4 (mg/L)	As (mg/l)	Sb (mg/L)
**	/ /	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.0	0.0000	0.0000
** DDH-322														
DDH-322	08/26/87	0.00	0.00	-1.00	0.0000	0.0000	-0.0020	0.0050	0.0020	0.0150	4.70	23.0	0.0000	0.0000
DDH-322	10/14/87	0.00	0.00	0.00	0.0000	0.0000	0.0030	-0.0050	0.0030	0.0150	0.00	25.0	0.0000	0.0000
DDH-322	11/13/87	8.07	3.00	2.00	-999.900	-999.9	-0.0020	-0.0050	0.0020	0.0170	-999.90	20.0	-999.90	-999.90
** DDH322														
DDH322	09/22/87	7.57	3.00	0.00	0.0000	0.0000	-0.0020	-0.0050	0.0060	0.0150	0.00	23.0	0.0000	0.0000
** Doal Lake														
Doal Lake	10/15/87	0.00	0.00	18.00	0.0000	0.0000	0.0030	0.0130	0.0170	0.0170	0.00	5.0	0.0000	0.0000
Doal Lake	06/22/87	0.00	0.00	0.00	0.0000	0.0000	0.0020	0.0070	0.0070	0.0050	1.00	2.0	0.0000	0.0000
** GA														
GA	06/03/87	8.01	0.00	8.00	0.0000	0.0000	-0.0020	-0.0050	2.3200	0.1870	10.30	92.0	0.0000	0.0000
GA	06/29/87	0.00	0.00	98.00	0.0000	0.0000	0.0020	0.0050	2.1600	0.1820	11.60	98.0	0.0000	0.0000
GA	07/08/87	0.00	0.00	9.00	0.0000	0.5000	0.0020	0.0120	2.1200	0.1740	11.90	99.0	0.0000	0.0000
GA	08/06/87	0.00	0.00	8.00	0.0000	0.4100	0.0020	0.0290	2.1300	0.1800	11.50	95.0	0.0000	0.0000
GA	09/22/87	7.51	4.00	0.00	0.0005	0.0000	-0.0020	-0.0050	2.1700	0.1720	0.00	84.0	0.0860	-0.2000
GA	10/14/87	0.00	0.00	0.00	0.0000	0.0000	-0.0020	0.0050	2.1850	0.1730	0.00	89.0	0.0000	0.0000
GA	11/20/87	-9.99	-9.99	-999.90	-999.900	-999.9	-0.0020	-999.90	2.2500	-999.90	-999.90	93.0	-999.90	-999.90
GA	11/13/87	7.73	3.00	11.00	-999.900	-999.9	0.0020	0.0090	2.6700	0.1760	-999.90	72.0	-999.90	-999.90
** GRUM DRIFT														
GRUM DRIFT	10/28/87	-9.99	-9.99	-999.90	-999.900	-999.9	0.0150	0.1870	1.8600	0.1830	-999.90	38.0	-999.90	-999.90
** Grum A Pond														
Grum A Pond	06/29/87	0.00	0.00	3.00	0.0000	0.0000	0.0060	0.0070	0.8650	0.1380	11.30	111.0	0.0000	0.0000
** Grum A Pond O/F														
Grum A Pond O/F	06/29/87	0.00	0.00	2.00	0.0000	0.0000	0.0100	-0.0050	0.7850	0.1320	11.90	112.0	0.0000	0.0000
Grum A Pond O/F	09/22/87	8.20	4.00	0.00	0.0000	0.0000	-0.0020	0.0100	1.9000	0.1440	0.00	88.0	0.0000	0.0000
** Grum Dump Pond														
Grum Dump Pond	06/29/87	0.00	0.00	5.00	0.0000	0.0000	0.0920	0.0470	120.0000	3.7000	1.70	543.0	0.0000	0.0000
** RS														
RS	08/26/87	0.00	0.00	6.00	0.0000	0.0000	0.0160	0.1530	0.8500	0.0120	2.40	42.0	0.0000	0.0000
RS	09/22/87	6.84	2.00	0.00	0.0030	0.0000	0.0310	0.1410	0.7800	0.0140	0.00	35.0	0.0000	0.0000
RS	10/14/87	0.00	0.00	0.00	0.0000	0.0000	0.0390	0.1580	0.8400	0.0130	0.00	49.0	0.0000	0.0000

CURRAGH RESOURCES
VANGORDA DATA BASE
1987 WATER QUALITY SUMMARY
cont.

SITE	DATE	CYANIDE	Hg (mg/L)	ALKALINITY
**	/ /	0.0000	0.0000	0.0
** DDH-322				
DDH-322	08/26/87	0.0000	0.0000	0.0
DDH-322	10/14/87	0.0000	0.0000	0.0
DDH-322	11/13/87	-999.90	-999.90	-999.9
** DDH322				
DDH322	09/22/87	0.0000	0.0000	0.0
** Doal Lake				
Doal Lake	10/15/87	0.0000	0.0000	0.0
Doal Lake	06/22/87	0.0000	0.0000	0.0
** GA				
GA	06/03/87	0.0000	0.0000	0.0
GA	06/29/87	0.0000	0.0000	0.0
GA	07/08/87	0.0000	0.0000	0.0
GA	08/06/87	0.0000	0.0000	0.0
GA	09/22/87	0.0000	0.0000	0.0
GA	10/14/87	0.0000	0.0000	0.0
GA	11/20/87	-999.90	-999.90	-999.9
GA	11/13/87	-999.90	-999.90	-999.9
** GRUM DRIFT				
GRUM DRIFT	10/28/87	-999.90	-999.90	-999.9
** Grum A Pond				
Grum A Pond	06/29/87	0.0000	0.0000	0.0
** Grum A Pond O/F				
Grum A Pond O/F	06/29/87	0.0000	0.0000	0.0
Grum A Pond O/F	09/22/87	0.0000	0.0000	0.0
** Grum Dump Pond				
Grum Dump Pond	06/29/87	0.0000	0.0000	0.0
** RS				
RS	08/26/87	0.0000	0.0000	0.0
RS	09/22/87	0.0000	0.0000	0.0
RS	10/14/87	0.0000	0.0000	0.0

CURRAGH RESOURCES
VANGORDA DATABASE
1987 WATER QUALITY SUMMARY

SITE	DATE	pH	Temp (C)	SS (mg/L)	Q (cum/s)	NH3 (mg/L)	Cu (mg/L) ext	Fb (mg/L)	Zn (mg/L)	Mn (mg/L)	Na (mg/L)	SD4 (mg/L)	As (mg/l)	Sb (mg/L)
RS	11/12/87	7.50	2.00	3.00	-999.900	-999.9	0.0410	0.1680	0.7350	0.0150	-999.90	35.0	-999.90	-999.90
** V1														
V1	06/03/87	7.42	1.00	-1.00	0.0000	0.0700	-0.0020	-0.0050	0.0020	0.0040	0.60	3.0	0.0000	0.0000
V1	07/08/87	0.00	0.00	-1.00	0.0000	0.3700	0.0020	0.0080	0.0220	0.0020	0.90	4.0	0.0000	0.0000
V1	08/06/87	0.00	0.00	-1.00	0.0000	0.3200	0.0020	0.0360	0.0070	0.0080	1.00	3.0	0.0000	0.0000
V1	08/20/87	0.00	0.00	-1.00	0.0000	0.3700	0.0020	0.0720	0.0130	0.0040	1.90	6.0	0.0000	0.0000
V1	09/22/87	7.54	0.00	-1.00	0.1530	0.0000	-0.0020	0.0070	0.0050	0.0030	0.00	7.0	0.1430	-0.2000
V1	10/14/87	0.00	0.00	-1.00	0.1630	0.0000	0.0030	0.0070	0.0110	0.0040	0.00	11.0	0.0000	0.0000
V1	10/20/87	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.0	-0.0020	0.0000
V1	11/12/87	7.73	0.00	-1.00	-999.900	-999.9	-0.0020	-0.0050	-0.0030	-0.0020	-999.90	11.0	-999.00	-999.90
** V10														
V10	10/14/87	0.00	0.00	-1.00	0.3050	0.0000	0.0020	0.0060	0.0310	0.0130	0.00	23.0	0.0000	0.0000
** V13														
V13	06/03/87	7.98	5.00	19.00	0.0000	0.1200	0.0020	-0.0050	0.0020	0.0210	1.00	6.0	0.0000	0.0000
V13	07/08/87	0.00	0.00	16.00	0.0000	0.2700	0.0030	0.0070	0.0090	0.0120	1.50	8.0	0.0000	0.0000
V13	08/05/87	7.95	10.00	11.00	0.0000	0.3500	0.0030	0.0280	0.0120	0.0140	1.70	7.0	0.0000	0.0000
** V14														
V14	06/03/87	7.56	3.00	2.00	0.0000	0.6200	-0.0020	-0.0050	-0.0020	0.0080	0.50	4.0	0.0000	0.0000
V14	07/09/87	0.00	0.00	2.00	0.0000	0.1800	0.0030	0.0080	0.0260	0.0030	0.90	2.0	0.0000	0.0000
V14	08/06/87	7.60	14.00	1.00	0.0000	0.2400	0.0020	0.0360	0.0070	0.0090	0.90	2.0	0.0000	0.0000
V14	09/25/87	7.68	1.00	-1.00	0.3250	0.0000	-0.0020	-0.0050	0.0050	0.0030	0.00	5.0	0.0000	0.0000
** V2														
V2	06/03/87	8.00	2.00	-1.00	0.0000	0.4500	0.0020	-0.0050	0.0030	-0.0020	1.50	9.0	0.0000	0.0000
V2	07/08/87	0.00	0.00	-1.00	0.0000	0.3300	0.0020	0.0050	0.0080	0.0020	2.10	19.0	0.0000	0.0000
V2	08/06/87	0.00	0.00	-1.00	0.0000	0.3100	0.0030	0.0370	0.0090	0.0080	2.30	20.0	0.0000	0.0000
V2	09/22/87	7.56	2.00	1.00	0.0190	0.0000	-0.0020	0.0060	0.0090	0.0030	0.00	23.0	0.0570	0.2000
V2	10/14/87	0.00	0.00	-1.00	0.0210	0.0000	0.0020	0.0050	0.0100	0.0100	0.00	28.0	0.0000	0.0000
V2	10/20/87	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.0	-0.0020	0.0000
V2	11/13/87	7.97	0.00	-1.00	-999.900	-999.9	-0.0020	-0.0050	0.0080	-0.0020	-999.90	28.0	-999.90	-999.90
** V3														
V3	06/03/87	7.47	2.00	1.00	0.0000	0.0400	0.0020	-0.0050	0.0120	0.0040	0.80	3.0	0.0000	0.0000
V3	07/08/87	0.00	0.00	-1.00	0.0000	0.2500	0.0030	0.0080	0.0130	0.0030	1.00	6.0	0.0000	0.0000
V3	08/06/87	0.00	0.00	1.00	0.0000	0.4400	0.0030	0.0370	0.0170	0.0090	1.20	4.0	0.0000	0.0000
V3	08/20/87	0.00	0.00	-1.00	0.0000	0.3500	0.0020	0.0370	0.0320	0.0030	4.00	7.0	0.0000	0.0000
V3	09/22/87	7.36	2.00	-1.00	0.0358	0.0000	-0.0020	0.0050	0.0210	0.0030	0.00	10.0	0.0570	0.3580
V3	10/14/87	0.00	0.00	-1.00	0.1480	0.0000	0.0020	0.0060	0.0320	-0.0020	0.00	11.0	0.0000	0.0000
V3	10/20/87	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.0	-0.0020	0.0000
V3	11/13/87	7.79	0.00	-1.00	-999.900	-999.9	-0.0020	-0.0050	0.0300	-0.0020	-999.90	19.0	-999.90	-999.90
** V4														
V4	08/26/87	0.00	0.00	3.00	0.0690	0.0000	0.0020	0.0050	0.0040	0.0450	2.60	28.0	0.0000	0.0000

CURRAGH RESOURCES
VANGORDA DATA BASE
1987 WATER QUALITY SUMMARY
cont.

SITE	DATE	CYANIDE	Hg (mg/L)	ALKALINITY
RS	11/12/87	-999.90	-999.90	-999.9
** V1				
V1	06/03/87	0.0000	0.0000	0.0
V1	07/08/87	0.0000	0.0000	0.0
V1	08/06/87	0.0000	0.0000	0.0
V1	08/20/87	0.0000	0.0000	0.0
V1	09/22/87	0.0000	0.0000	0.0
V1	10/14/87	0.0000	0.0000	0.0
V1	10/20/87	0.0000	-0.0001	0.0
V1	11/12/87	-999.90	-99.990	-9999.0
** V10				
V10	10/14/87	0.0000	0.0000	0.0
** V13				
V13	06/03/87	0.0000	0.0000	0.0
V13	07/08/87	0.0000	0.0000	0.0
V13	08/05/87	0.0000	0.0000	0.0
** V14				
V14	06/03/87	0.0000	0.0000	0.0
V14	07/09/87	0.0000	0.0000	0.0
V14	08/06/87	0.0000	0.0000	0.0
V14	09/25/87	0.0000	0.0000	0.0
** V2				
V2	06/03/87	0.0000	0.0000	0.0
V2	07/08/87	0.0000	0.0000	0.0
V2	08/06/87	0.0000	0.0000	0.0
V2	09/22/87	0.0000	0.0000	0.0
V2	10/14/87	0.0000	0.0000	0.0
V2	10/20/87	0.0000	-0.0001	0.0
V2	11/13/87	-999.90	-999.90	-999.9
** V3				
V3	06/03/87	0.0000	0.0000	0.0
V3	07/08/87	0.0000	0.0000	0.0
V3	08/06/87	0.0000	0.0000	0.0
V3	08/20/87	0.0000	0.0000	0.0
V3	09/22/87	0.0000	0.0000	0.0
V3	10/14/87	0.0000	0.0000	0.0
V3	10/20/87	0.0000	-0.0001	0.0
V3	11/13/87	-999.90	-999.90	-999.9
** V4				
V4	08/26/87	0.0000	0.0000	0.0

CURRAGH RESOURCES
VANGORDA DATABASE
1987 WATER QUALITY SUMMARY

SITE	DATE	pH	Temp (C)	SS (mg/L)	Q (cum/s)	NH3 (mg/L)	Cu (mg/L) ext	Pb (mg/L)	Zn (mg/L)	Mn (mg/L)	Na (mg/L)	SO4 (mg/L)	As (mg/l)	Sb (mg/L)
V4	09/22/87	8.03	0.00	2.00	0.0320	0.0000	0.0020	-0.0050	0.0060	0.0350	0.00	33.0	0.0000	0.0000
V4	10/14/87	0.00	0.00	0.00	0.0430	0.0000	0.0020	0.0050	0.0100	0.0420	0.00	36.0	0.0000	0.0000
** V5														
V5	06/03/87	7.85	3.00	15.00	0.0000	0.1000	0.0030	0.0060	0.0030	0.0260	1.30	21.0	0.0000	0.0000
V5	07/09/87	0.00	0.00	18.00	0.0000	0.4500	0.0040	0.0080	0.0100	0.0230	1.80	36.0	0.0000	0.0000
V5	08/05/87	0.00	0.00	6.00	0.0000	0.4600	0.0030	0.0310	0.0080	0.0170	2.10	48.0	0.0000	0.0000
V5	08/20/87	0.00	0.00	130.00	0.0000	0.4800	0.0060	0.0400	0.0480	0.0460	2.60	51.0	0.0000	0.0000
V5	09/25/87	8.24	1.00	3.00	0.2100	0.0000	0.0020	-0.0050	0.0040	0.0180	0.00	48.0	0.0000	0.0000
V5	10/14/87	0.00	0.00	2.00	0.1330	0.0000	0.0020	0.0090	0.0100	0.0180	0.00	56.0	0.0000	0.0000
V5	11/13/87	8.20	0.00	1.00	-999.900	-999.9	0.0020	0.0090	0.0080	0.0150	-999.90	65.0	-999.90	-999.90
** V6														
V6	06/03/87	7.67	2.00	2.00	0.0000	0.3100	0.0020	-0.0050	0.0020	0.0040	0.70	2.0	0.0000	0.0000
V6	07/08/87	0.00	0.00	1.00	0.0000	0.2100	0.0020	0.0070	0.0080	0.0030	1.00	2.0	0.0000	0.0000
V6	08/05/87	0.00	0.00	-1.00	0.0000	0.3600	0.0300	0.0340	0.0080	0.0090	1.20	4.0	0.0000	0.0000
V6	08/20/87	0.00	0.00	1.00	0.0000	0.5600	0.0020	0.0470	0.0140	0.0060	2.00	11.0	0.0000	0.0000
V6	08/26/87	0.00	0.00	2.00	0.0710	0.0000	-0.0020	0.0070	0.0020	0.0020	1.80	5.0	0.0000	0.0000
V6	09/22/87	7.62	2.00	1.00	0.0610	0.0000	-0.0020	-0.0050	0.0060	0.0020	0.00	5.0	0.0000	0.0000
V6	10/15/87	0.00	0.00	1.00	0.0540	0.0000	-0.0020	-0.0050	0.0050	0.0030	0.00	6.0	0.0000	0.0000
V6	11/13/87	7.73	0.00	-1.00	-999.900	-999.9	-0.0020	-0.0050	0.0030	0.0030	-999.90	8.0	-999.90	-999.90
** V6A														
V6A	11/13/87	7.90	0.00	-1.00	-999.900	-999.9	-0.0020	-0.0050	-0.0050	0.0020	-999.90	13.0	-999.90	-999.90
** V6a														
V6a	08/06/87	0.00	0.00	1.00	0.0000	0.0000	-0.0020	0.0110	0.0120	0.0080	2.20	2.0	0.0000	0.0000
V6a	09/22/87	7.62	2.00	-1.00	0.0420	0.0000	-0.0020	-0.0050	0.0060	0.0020	0.00	7.0	0.0000	0.0000
V6a	10/15/87	0.00	0.00	-1.00	0.0380	0.0000	-0.0020	0.0050	0.0060	0.0020	0.00	8.0	0.0000	0.0000
** V7														
V7	06/03/87	7.97	2.00	3.00	0.0000	0.0500	0.0030	-0.0050	0.0070	0.0060	0.90	8.0	0.0000	0.0000
V7	07/09/87	0.00	0.00	16.00	0.0000	0.1600	0.0030	0.0090	0.0140	0.0080	1.20	16.0	0.0000	0.0000
V7	08/05/87	0.00	0.00	7.00	0.0000	0.3600	0.0030	0.0230	0.0110	0.0110	1.40	19.0	0.0000	0.0000
V7	08/20/87	0.00	0.00	10.00	0.0000	0.4200	0.0040	0.0250	0.0180	0.0040	2.20	26.0	0.0000	0.0000
V7	09/25/87	8.14	1.00	1.00	0.7370	0.0000	-0.0020	-0.0050	0.0150	0.0030	0.00	21.0	0.0000	0.0000
** V8														
V8	06/03/87	7.82	3.00	5.00	0.0000	0.0800	0.0040	-0.0050	0.0070	0.0120	1.10	15.0	0.0000	0.0000
V8	07/08/87	0.00	0.00	8.00	0.0000	0.5700	0.0030	0.0080	0.0100	0.0090	1.60	23.0	0.0000	0.0000
V8	08/05/87	0.00	0.00	4.00	0.0000	0.3300	0.0030	0.0160	0.0110	0.0090	1.70	26.0	0.0000	0.0000
V8	08/20/87	0.00	0.00	59.00	0.0000	0.5600	0.0050	0.0430	0.0520	0.0370	2.50	33.0	0.0000	0.0000
V8	09/25/87	8.26	1.00	-1.00	0.7370	0.0000	-0.0020	-0.0050	0.0090	0.0060	0.00	33.0	0.2290	-0.2000
V8	10/14/87	0.00	0.00	-1.00	0.5590	0.0000	0.0020	0.0050	0.0150	0.0080	0.00	45.0	0.0000	0.0000
V8	10/20/87	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.0	-0.0020	0.0000
V8	11/12/87	8.39	0.00	0.00	-1.0000	-999.9	-0.0020	0.0050	0.0100	0.0070	-999.90	40.0	-999.90	-999.90

CURRAGH RESOURCES
VANGORDA DATA BASE
1987 WATER QUALITY SUMMARY
cont.

SITE	DATE	CYANIDE	Hg ALKALINITY (mg/L)	
V4	09/22/87	0.0000	0.0000	0.0
V4	10/14/87	0.0000	0.0000	0.0
** V5				
V5	06/03/87	0.0000	0.0000	0.0
V5	07/09/87	0.0000	0.0000	0.0
V5	08/05/87	0.0000	0.0000	0.0
V5	08/20/87	0.0000	0.0000	0.0
V5	09/25/87	0.0000	0.0000	0.0
V5	10/14/87	0.0000	0.0000	0.0
V5	11/13/87	-999.90	-999.90	-999.9
** V6				
V6	06/03/87	0.0000	0.0000	0.0
V6	07/08/87	0.0000	0.0000	0.0
V6	08/05/87	0.0000	0.0000	0.0
V6	08/20/87	0.0000	0.0000	0.0
V6	08/26/87	0.0000	0.0000	0.0
V6	09/22/87	0.0000	0.0000	0.0
V6	10/15/87	0.0000	0.0000	0.0
V6	11/13/87	-999.90	-999.90	-999.9
** V6A				
V6A	11/13/87	-999.90	-999.90	-999.9
** V6a				
V6a	08/06/87	0.0000	0.0000	0.0
V6a	09/22/87	0.0000	0.0000	0.0
V6a	10/15/87	0.0000	0.0000	0.0
** V7				
V7	06/03/87	0.0000	0.0000	0.0
V7	07/09/87	0.0000	0.0000	0.0
V7	08/05/87	0.0000	0.0000	0.0
V7	08/20/87	0.0000	0.0000	0.0
V7	09/25/87	0.0000	0.0000	0.0
** V8				
V8	06/03/87	0.0000	0.0000	0.0
V8	07/08/87	0.0000	0.0000	0.0
V8	08/05/87	0.0000	0.0000	0.0
V8	08/20/87	0.0000	0.0000	0.0
V8	09/25/87	0.0000	0.0000	0.0
V8	10/14/87	0.0000	0.0000	0.0
V8	10/20/87	0.0000	-0.0001	0.0
V8	11/12/87	-999.90	-999.90	-999.9

Structure for database: B:faro.dbf

Number of data records: 501

Date of last update : 12/31/87

Field	Field Name	Type	Width	Dec
✓1	AMMONIA_MG	Numeric	8	3
✓2	COPPER_MG_	Numeric	8	3
✓3	LEAD_MG_L	Numeric	8	3
✓4	ZINC_MG_L	Numeric	8	3
✓5	CYANIDE_MG	Numeric	8	3
✓6	MANGANESE_	Numeric	8	3
✓7	SODIUM_MG_	Numeric	8	3
✓8	SULFATE_MG	Numeric	8	3
✓9	LC50_96HRS	Numeric	8	3
✓10	SMPLSITE	Character	15	
✓11	SMPLDATE	Date	8	
✓12	ANLYDATE	Date	8	
✓13	PH	Numeric	6	2
✓14	SUSPSOLIDS	Numeric	8	
✓15	FLOWRATE	Numeric	9	4
✓16	TEMP	Numeric	6	2
✓17	TIME	Character	5	
18	NOTES	Memo	10	
** Total **			148	

SumFaro (Part 1) ✓

Part 2 SUMFAROB ✓
(part 2)