David Minerals Ltd. 93M
(Morrison Lake)

810941

Cyprus
David Project
I. P. notes

DATE: SEPT 27, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS:

ρa =

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
120N	72w	70w	450	330	32	0.8	244	2.5	400'	•
	76w	74w	450	350	50	0.7	358	1.4	"	•
	80w	78w	450	160	12	0.9	190	7.5	"	•
	79w	"	450	310	48	0.6		1.25	200'	•
	84w	82w	450	150	10	0.9	166	9.0	400'	•
	83w	"	450	220	45	0.4		0.89	200'	•
	88w	86w	450	450	30	1.0	168	3.3	400'	•
	87w	"	450	160	36	1.0		2.7	200'	•
	92w	90w	450	170	13	0.7	190	5.4	400'	•
	91w	"	450	210	46	1.2		2.6	200'	•
	96w	94w	450	120	12	1.1	251	9.17	400'	•
	SEPT 28 1970		DAVID MINERALS				G TODD			
120N	95w	95w	450	130	21	0.4		1.9	200'	•
	100w	98w	450	110	20	0.5	458	2.5	400'	•
	102w	102w	450	140	17	0.5	307	2.9	"	•
	103w	"	450	130	29	0.5		1.7	200'	•
	108w	106w	450	140	14	0.7	251	1.3	400'	•
	107w	"	450	150	19	0.6		3.1	200'	•
	112w	110	450	140	16	0.4	288	2.5	400'	•
	116w	114w	450	175	22	0.7	315	3.2	"	•
	115w	"	450	160	30	0.7		2.3	200'	•
	120w	118w	450	180	31	0.9	432	2.9	400'	•
	119w	"	450	320	75	0.9		1.2	200'	•
	124w	122w	450	180	38	0.8	530	2.1	400'	•
	128w	126w	450	230	46	1.1	505	2.4	"	•
	132w	130w	450	190	36	1.0	476	2.8	"	•
	136w	134w	450	250	60	1.1	605	1.8	"	•
	140w	138w	450	490	105	1.7	540	1.6	"	•

DATE: Sept. 30, 1970 — I. P. RESULTS — ARRAY: 400'

OPERATOR: N. Thomsen — PROPERTY: David Minerals

CALCULATIONS:

$\rho a = 2\pi a \frac{dV}{I}$ — $IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa (TOP REST)	IPn (BOT CHARG)	a	REMARKS
112N	20W	18W	450	430	185	.5	1080	.27	400	•
	24W	22W		120	55	.7	1150	1.27		•
	28W	26W		150	55	.7	920	1.27		•
	32W	30W		650	195	3.0	750	1.54		•
	36W	34W		420	145	1.1	865	.75		•
	40W	38W		310	60	1.0	485	1.6		•
	44W	42W		220	50	.8	570	1.6		•
	48W	46W		315	60	2.1	478	3.5		•
	52W	50W		140	25	.9	448	3.7		•
	56W	54W		200	25	1.2	314	4.8		•
	60W	58W		135	25	.5	464	2.0		•
	64W	62W		150	25	.5	420	2.0		•
	68W	66W		800	200	4.5	626	2.25		•
	72W	70W		230	20	.6	218	3.0		•
	76W	74W		300	30	.6	251	2.0		•
	80W	78W		320	15	0	118	0		•
	84W	82W	↓	200	10	.3	125	3.0	↓	•
	Oct. 1, 1970									
	N. Thomsen									
112N	88W	86W	450	340	25	0	185	0	400	•
	92W	90W		170	20	.3	296	1.5		•
	96W	94W		110	15	.2	352	1.3		•
	100W	98W		135	18	0	335	0		•
	104W	102W		130	15	1	290	6.5	↓	•
	103W	102W		150	25	0	210	0	200	•
	108W	106W		180	18	0	251	0	400	•
	112W	110W		275	27	0	246	0		•
	116W	114W		210	29	.1	347	3.45		•
	120W	118W		180	27	0	376	0		•
	124W	122W		420	70	.4	420	.57		•
	128W	126W		170	35	.9	515	2.58		•
	132W	130W	↓	150	35	0	585	0	↓	•
	134W	134W		490	170	.5	870	.29		•

DATE: OCT 10, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G.T.

$IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
124N	20W	18W	450	250	115	0.6	1155	0.52	400	•
	24W	22W	450	130	70	0.8	1350	1.14	"	•
	28W	26W	450	170	50	0	740	0	"	•
	32W	30W	450	390	135	1.3	870	0.96	"	•
	36W-44W	39W-35W	→ LAKE						"	•
	44W	42W	450	170	50	1.0	740	2.0	"	•
	48W	46W	450	160	55	1.7	865	3.1	"	•
	47W	"	450	320	115	2.5	450	2.17	200'	•
	52W	50W	450	200	50	2.4	635	4.8	400'	•
	51W	"	450	220	90	4.6	480	5.1	200'	•
		OCT 11, 1970		DAVID MINERALS				G. TODD		
134N	56W	54W	450	180	25	0.3	348	1.2	400'	•
	60W	58W	450	800	390	12.5	1220	3.21	"	•
	59W	"	450	240	160	7.0	835	4.35	"	•
	64W	62W	450	180	42	2.0	585	4.75	"	•
	63W	"	450	155	90	2.5	730	2.78	"	•
	68W	66W	450	170	65	1.1	960	1.69	"	•
	72W	70W	450	900	220	3.5	615	1.58	"	•
	76W	74W	450	300	50	0.2	420	4.0	"	•
	80W	78W	450	240	15	0.2	157	1.37	"	•
	84W	82W	450	500	50	0.5	251	1.0	"	•
	88W	86W	450	240	30	0.6	314	2.0	"	•
	92W	90W	450	170	25	0	370	0	"	•
	96W	94W	450	140	25	0.6	448	1.6	"	•
	100W	98W	450	180	22	0	307	0	"	•
	104W	102W	450	170	24	0	354	0	"	•

DATE: OCT 12, 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G.T.

$IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
124N	108W	106W	450	210	22	0.2	263	0.91	400	•
	112W	110W	450	200	21	0.4	264	1.91	"	•
	116W	114W	450	160	20	0.5	314	2.5	"	•
	120W	118W	450	320	47	0.7	369	1.49	"	•
	124W	122W	450	180	34	0.6	475	1.76	"	•
	128W	126W	450	120	20	0	418	0	"	• PROBE SZ. 4500
	"	"	900	200	36	0	450	0	200'	•
	132W	130W	450	450	85	0.3	475	0.35	400	• POT SZ 12000
	136W	134W	450	190	44	0	580	0	"	•
	140W	138W	450	180	42	0	585	0	"	•
	OCT 13, 1970 DAVID MINERALS G. TODD									
128N	20W	18W	450	180	95	0.9	1330	0.95	400	•
	24W	22W	450	170	80	1.1	1180	1.38	"	•
	28W	26W	450	170	50	0.2	740	0.4	"	•
	32W	30W	450	160	50	0.5	785	1.0	"	• FRONT PROBE ONLY 700' AHEAD
	36W 40W	34W 38W 42W	LAKE							•
	48W	46W	450	280	95	3.9	850	4.1	"	•
	47W	"	450	200	155	4.6	970	3.07	200'	•
	52W	50W	450	800	225	10.2	705	4.55	400	•
	51W	"	450	480	145	8.0	380	5.50	200'	•
	56W	54W	450	160	36	0.8	565	2.22	400	•
	60W	58W	450	600	170	4.5	710	2.65	"	•
	64W 68W	62W 66W		LAKE						•
										•

DATE: OCT 14, 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T.

$IPn = \frac{IP(100)}{dv}$

e_a =

LINE	READING AT	$\overline{X}$ AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
128N	72W	70W	450	600	155	2.4	650	1.55	400	•
	76W	74W	450	320	50	1.0	392	2.0	"	•
	80W	78W	450	230	19	0	208	0	"	•
	84W	82W	450	350	45	1.4	323	3.12	"	•
	83W	"	450	380	110	1.6		1.45	200'	•
	88W	86W	450	160	31	0.5	485	1.61	400'	•
	92W	90W	450	170	27	0	398	0	"	•
	96W	94W	450	210	46	0.2	550	0.43	"	•
	100W	98W	450	200	34	0.1	425	0.29	"	•
	104W	102W	450	200	26	0	326	0	"	•
	108W	106W	450	170	20	0.3	296	1.5	"	•
	112W	110W	450	350	37	0.5	266	1.35	"	•
	116W	114W	450	140	18	0.3	323	1.67	"	•
	120W	118W	450	140	20	0	358	0	"	•
	124W	122W	450	150	24	0.1	400	0.42	"	•
	128W	126W	450	140	28	0.5	500	1.79	"	•
	132W	130W	450	220	41	0.4	465	0.98	"	•
	136W	134W	450	130	48	0.1	925	0.21	"	•
	140W	138W	450	150	40	0.6	690	1.5	"	•

DATE: SEPT 24, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
120N	20W	18W	450	480	235	1.4	1225	0.6 ~~1.8~~	400'	•
	24W	22W	450	120	60	0.6	1250	1.0	"	•
	28W	26W	450	430	110	0.6	645	0.5	"	•
	32W	30W	450	320	110	1.2	865	1.09	"	•
	36W	34W	450	150	39	0.7	655	1.8	"	•
	40W	38W	450	400	85	1.1	532	1.3	"	•
	44W	42W	450	125	35	0.6	705	1.7	"	•
	48W	46W	450	190	35	0.7	464	2.0	"	•
	52W	50W	450	150	43	2.0	720	4.65	"	• 720
	51W	"	450	700	320	13.5		4.2	200'	• 561
	56W	54W	450	145	15	1.0	260	6.7	400'	• 2615
	55W	"	450	215	55	2.2		4.0	200'	•
	60W	58W	450	420	210	7.0	1255	3.3	400'	•
	59W	"	450	200	115	5.0		4.35	200'	•
120N	64W	62W	450	120	12	0.3	251	2.5	400'	•
	SEPT 26 1970				DAVID MINERALS				G. TODD	
120N	68W	66W	450	215	100	4.0	1175	4.0	400'	•
	67W	"	450	210	145	5.0		3.4	200'	•

DATE: SEPT 20, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS:

ρa =

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\overline{X}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
SN	42W	44W	450	130	75	2.0	1425	2.7	400'	•
	38W	40W	450	165	75	2.1	1122	2.8	"	•
	39W	"	450	100	110	1.6		1.5	200'	• HIGH PROBE RESISTANCE
	34W	36W	450	220	245	4.5	2800	1.8	400'	•
	30W	32W	450	110	110	2.1	2512	1.9	"	• HIGH PROBE & POT RESIS.
	26W	28W	450	160	175	2.8	2750	1.6	"	• HIGH POT RESISTANCE
	22W	24W	450	90	105	1.0	2940	1.0	"	• HIGH PROBE RESISTANCE
	18W	20W	450	90	45	0.8	1230	1.8	"	• "
	14W	16W	450	330	240	3.8	1818	1.3	"	•
	10W	12W	450	190	80	1.9	1060	2.4	"	•
	6W	8W	450	170	65	0.4	965	0.6	"	•
	2W	4W	450	220	100	2.5	1122	2.5	"	•
	2E	0W-0E	450	140	75	0.9	1350	1.2	"	•
	6E	4E	450	170	105	1.4	1549	1.3	"	•
	10E	8E	450	260	115	0.4	1105	0.3	"	•
	14E	12E	450	130	110	1.3	2140	1.2	"	•
	18E	16E	450	170	140	2.2	2080	1.6	"	•
	22E	20E	450	120	80	1.5	1680	1.9	"	•

DATE: SEPT. 13, 1976 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS (MORRISON LAKE)

CALCULATIONS:

$\rho a = 2\pi a \frac{\Delta V}{I}$ $\quad IPn = \frac{IP(100)}{dv}$

LINE	READING AT	π AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
20S	30W	32W	450	800	230	3.2	720	1.29	400'	
	26W	28W	450	130	60	1.1	1160	1.67	"	HIGH PROBE RESISTANCE
	22W	24W	450	180	90	1.3	1260	1.45	"	
	18W	20W	450	130	160	2.2	3090	1.38	"	HIGH PROBE RESISTANCE
	14W	16W	450	220	165	1.6	1880	0.97	"	HIGH POT RESISTANCE
	10W	12W	450	120	170	1.9	3560	1.12	"	HIGH POT & PROBE RESISTANCE
	6W	8W	450	150	100	0	1675	0	"	
	2W	4W	450	550	240	1.6	1095	0.67	"	
	2E	0W	450	410	300	3.3	1835	1.1	"	
	6E	4E	450	450	185	0.6	1030	0.32	"	
20S	10E	8E	450	370	250	1.6	1695	0.64	"	
28S	18E	20E	450	170	110	1.0	1450	0.91	400'	
	14E	16E	450	160	100	0	1570	0	"	
	10E	12E	450	320	260	2.8	2040	1.08	"	
	6E	8E	450	200	70	0.6	3500	0.86	"	
	2E	4E	450	310	280	2.7	2270	0.96	"	
	2W	0E	450	130	180	4.2	3480	2.34	"	HIGH PROBE RESISTANCE
	6W	4W	450	430	720	11.0	4200	1.53	"	
	5W	"	450	250	940	8.0	4700	0.85	200'	
	10W	8W	450	350	580	10.0	4150	1.73	400'	
	9W	"	450	140	520	7.5	4650	1.44	200'	
	14W	12W	450	170	280	4.4	4150	1.57	400'	
	18W	16W	450	190	150	2.4	1980	1.6	"	
	22W	20W	450	170	150	3.5	2220	2.34	"	
	26W	24W	450	230	80	1.0	857	1.25	"	
	30W	28W	450	160	45	0.3	705	0.67	"	
28S										

DATE: Nov. 1, 1970 I. P. RESULTS ARRAY: Wenner

OPERATOR: N. Thomsen PROPERTY: David Cyprus

CALCULATIONS:

$\rho_a = 2\pi a \frac{dV}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	∡ AT	VOLTS	Ima	dVmv	I.P.	ρ_a	IPn	a	REMARKS
12S	54W	56W	450	200	75	1.5	940	2.00	400	
	50W	52W		160	70	1.8	1100	2.40	↓	
	46W	48W		150	35	1.2	585	3.42		
	47W	48W		140	60	1.2	546	2.00	200	
	42W	44W		310	55	1.0	445	1.82	400	
	38W	40W		220	55	1.9	628	3.46		
	34W	36W		170	60	1.8	885	3.00		
20S	34W	32W		150	50	1.1	836	2.20		
	38W	36W		230	40	.5	436	1.25		
	42W	40W		230	75	2.5	819	3.33		
	46W	44W		250	95	1.5	955	1.58		
	50W	48W		250	150	.5	1510	3.33		unreliable reading SP not constant
28S	46W	48W		170	25	1.3	1110	1.74		
	42W	44W		260	125	1.6	1210	1.28		
	38W	40W		250	50	.6	501	1.20		
	34W	36W	↓	225	50	.8	557	1.60	↕	

DATE: OCT 30, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS:

$\rho a = 2\pi a \frac{dv}{I}$ $IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
24N	52W	54W	450	320	60	1.0	470	1.67	400'	•
	48W	50W	450	270	125	3.1	1160	2.45	"	•
	44W	46W	450	420	170	3.7	1020	2.18	"	•
	40W	42W	450	155	85	2.9	1370	3.41	"	•
	41W	"	450	175	240	5.0	3440	2.08	"	•
	36W	38W	450	200	180	3.4	2260	1.89	"	•
	32W	34W	450	650	430	5.5	1670	1.28	"	•
	28W	30W	450	170	125	1.8	1850	1.44	"	•
24N	24W	26W	450	280	225	2.8	2020	1.24	"	•
16N	24W	22W	450	600	580	5.0	2420	0.86	"	•
	28W	26W	450	155	125	3.0	2080	2.4	"	•
	32W	30W	450	180	155	1.5	2130	0.97	"	•
	36W	34W	450	550	520	12.0	2370	2.31	"	•
	40W	38W	450	165	90	1.5	1370	1.67	"	•
	44W	42W	450	270	85	2.4	790	2.82	"	•
	48W	46W	450	390	195	5.5	1250	2.82	"	•
	OCT 31 1970 DAVID MINERALS G. TODD									
4S	34W	32W	450	160	140	1.1	2200	.80	400'	•
	38W	36W	450	160	80	3.4	1256	4.25	"	•
	37W	"	450	170	225	6.5	7660	2.88	800'	•
	42W	40W	450	210	105	3.0	1250	2.86	400'	•
	46W	44W	450	170	40	1.1	590	2.75	"	•
	50W	48W	450	225	80	1.6	890	2.00	"	•
	54W	52W	450	220	90	1.9	1030	2.11	"	•
	58W	56W	450	320	225	3.4	1760	1.51	"	•

DATE: Nov. 2, 1970 I. P. RESULTS ARRAY: Wenner

OPERATOR: N. Thomsen PROPERTY: David

CALCULATIONS:

$\rho_a = 2\pi a \frac{dv}{I}$ $IPn = \frac{IP(100)}{dv}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρ_a	IPn	a	REMARKS
36S	34W	32W	450	340	65	.8	480	1.23	400	• IN THIS
	38W	36W	↓	230	80	.4	873	.50	↓	•
52S	34W	36W		180	70	0	975	0.00	↓	•
	Nov. 3, 1970									
136N	50W	48W	456	200	50	2.5	626	5.00	400	•
	54W	52W		450	190	10.5	1060	5.54	400	•
	53W	52W		190	110	8.0	725	7.29	200	•
	58W	56W		190	55	1.8	725	3.26	400	•
	62W	60W		220	65	1.5	740	2.31	↓	•
	66W	64W	↓	150	45	1.7	752	3.78	↓	•
	Nov. 6, 1970									
52S	30W	32W	450	320	70	.3	550	.43	400	•
	26W	28W		170	25	.5	368	2.00		•
	22W	24W		330	50	0	380	0		•
	18W	20W		240	40	0	418	0		•
	14W	16W		190	45	.5	595	1.11		•
60S	14W	12W		310	50	.8	405	1.60		•
	18W	16W		390	70	1.5	450	2.14		•
	22W	20W		250	40	0	402	0		•
	26W	24W		170	50	.8	735	1.60		•
	30W	28W		170	60	1.5	885	2.50		•
68S	26W	28W		230	100	.2	1090	.20		•
	22W	24W		210	50	1.0	597	2.00		•
	18W	20W		220	45	.6	514	1.33		•
	14W	16W	↓	430	90	1.7	525	1.89	↓	•

DATE: Nov. 8, 1970 I. P. RESULTS ARRAY: Wenner

OPERATOR: N. Thomsen PROPERTY: David

CALCULATIONS:

$\rho a = 2\pi a \frac{dV}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	∡ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
144N	140W	142W	450	170	45	0	663	0	400	•
	136W	138W		180	40	0	558	0		•
	132W	134W		200	40	.2	502	.50		•
	128W	130W		160	25	0	392	0		•
	124W	126W		170	25	0	368	0		•
	120W	122W		170	20	0	295	0		•
	116W	118W		200	25	0	314	0		•
	112W	114W		180	20	0	279	0		•
	108W	110W		150	20	0	335	0		• Pot R = 150000Ω
	104W	106W		180	15	.1	209	.67		•
	100W	102W		190	30	.5	396	1.67		•
	96W	98W		140	15	.2	198	1.33		•
	92W	94W		390	55	0	354	0		•
	88W	90W		230	15	0	163	0		•
	84W	86W		320	30	0	235	0		•
	80W	82W		240	105	2.5	1100	2.38		•
	76W	78W		650	100	2.5	386	2.50		•
	72W	74W		270	180	2.8	386	1.56		•
	68W	70W	↓	200	55	1.9	690	3.44	↓	•

DATE: OCT 22, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G.T

$\rho a = 2\pi a \times \frac{dV}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
72N	24W	22W	450	330	200	1.3	1520	0.65	400'	•
	28W	26W	450	160	85	0.9	1340	1.06	"	•
	32W	30W	450	150	115	1.0	1930	0.87	"	•
	36W	34W	450	185	100	1.0	1360	1.0	"	•
	40W	38W	450	650	240	3.5	925	1.46	"	•
	44W	42W	450	210	120	1.7	1430	1.42	"	•
	48W	46W	450	290	55	1.2	475	2.18	"	•
	52W	50W	450	600	70	1.4	293	2.0	"	•
	56W	54W	450	400	41	0.7	257	1.71	"	•
	60W	58W	450	300	30	0.6	251	2.0	"	•
	64W	62W	450	250	21	0.3	211	1.43	"	•
	68W	66W	450	220	23	0.4	262	1.74	"	•
	72W	70W	450	200	27	0.3	239	1.11	"	•
	76W 80W 84W	74W 78W 82W	LAKE						"	•
	88W	86W	450	380	210	1.9	1390	0.91	"	•
	92W	90W	450	150	75	0.8	1260	1.07	"	•
	96W	94W	450	250	70	0.1	705	0.14	"	•
	100W	98W	450	170	135	0.9	1990	0.67	"	•
	104W	102W	450	200	103	1.3	1290	1.26	"	•

DATE: OCT 23, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T. IPn = IP(100)/dv

$\rho a = 2\pi a \frac{dV}{I}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
72N	108w	106w	450	280	200	1.9	1790	0.95	400	•
									"	•
80N	112w	110w	450	550	330	4.5	1510	1.37	"	•
	116w	114w	450	220	85	1.2	970	1.42	"	•
	120w	118w	450	430	220	1.5	1280	0.68	"	•
									"	•
64N	92w	90w	450	260	190	2.2	1840	1.16	"	•
	96w	94w	450	240	165	1.8	1730	1.09	"	•
	100w	98w	450	430	280	2.0	1790	0.71	"	•
	OCT 24 1970 DAVID MINERALS G. TODD									
56N	104w	106w	450	410	195	1.6	1190	0.82	400'	•
	100w	102w	450	250	140	1.3	1410	0.93	"	•
	96w	98w	450	200	90	1.2	1130	1.33	"	•
	92w	94w	450	260	105	1.3	1020	1.24	"	•
	88w	90w	450	240	55	0.6	575	1.09	"	•
	84w 80w 76w	86w 82w 78w	LAKE						"	•
	72w	74w	450	300	50	0.5	420	1.0	"	•
	68w	70w	450	500	80	0.6	400	0.75	"	•
	64w	66w	450	200	43	0.7	540	1.63	"	•
	60w	62w	450	360	40	0.8	279	2.0	"	•
	56w 52w 48w	58w 54w 50w	LAKE						"	•
	44w	46w	450	190	42	0	555	0	"	•
	40w	42w	450	490	155	1.2	795	0.77	"	•
	36w	38w	450	320	95	0.3	745	0.32	"	•
	32w	34w	450	330	120	0.7	915	0.58	"	•
	28w	30w	450	550	235	2.0	1070	0.85	"	•
	24w	26w	450	500	245	1.9	1230	0.77	"	•

DATE: OCT 26, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T.

$\rho a = 2\pi a \frac{dV}{I}$ $IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
48N	24W	22W	450	270	200	1.8	1860	0.9	400'	•
	28W	26W	450	490	380	2.2	1950	0.58	"	•
	32W	30W	450	200	65	0.8	815	1.23	"	•
	36W	34W	450	240	80	0.9	835	1.13	"	•
	40W	38W	450	250	49	0.3	490	0.61	"	•
	44W	42W	450	180	30	0.3	420	1.0	"	•
	48W	46W	450	700	90	1.2	322	1.33	"	•
	52W	50W	450	165	16	0.2	244	1.25	"	•
	56W	54W	450	380	50	0.5	330	1.0	"	•
	60W	58W	450	290	50	0.5	435	1.0	"	•
	OCT 27, 1970 DAVID MINERALS G. TODD									
48N	64W	62W	450	390	75	1.2	485	1.6	400'	•
40N	56W	58W	450	500	90	1.4	450	1.56	400'	•

DATE: OCT 29, 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T

$IPn = \frac{IP(100)}{dv}$

$\rho a = 2\pi a \frac{dV}{I}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
40N	52W	54W	450	185	30	0.5	405	1.67	400'	•
	48W	50W	450	160	38	0.6	595	1.58	"	•
	44W	46W	450	185	75	1.3	1020	1.74	"	•
	40W	42W	450	240	70	1.2	730	1.72	"	•
	36W	38W	450	150	65	1.0	1090	1.54	"	•
	32W	34W	450	470	210	1.2	1120	0.57	"	•
	28W	30W	450	490	200	1.5	1030	0.75	"	•
40N	26W	24W	450	200	120	0.8	1510	0.67	"	•
32N	24W	22W	450	470	360	3.5	1920	0.97	400'	•
	28W	26W	450	700	280	2.5	1000	0.89	"	•
	32W	30W	450	410	300	2.2	1830	0.73	"	•
	36W	34W	450	220	65	0.4	740	0.62	"	•
	40W	38W	450	550	480	9.0	2190	1.88	"	•
	44W	42W	450	165	41	0.2	625	0.49	"	•
	48W	46W	450	180	80	1.8	1120	2.25	"	•
	52W	50W	450	600	100	0.2	415	0.2	"	•
	56W	54W	450	190	38	0.6	500	1.58	"	•
	60W	58W	450	250	70	0.4	700	0.57	"	•

DATE: NOV 5 1970 — I. P. RESULTS — ARRAY: ARRAY

OPERATOR: KEN DYCK — PROPERTY: DAVID

CALCULATIONS: — $IPn = \frac{IP(100)}{dv}$

$e_a = 2\pi \frac{dv}{I}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
44S	60E	58E	400	280	275	1.2	2470	.4	400ft	•
52S	66E	64E	400	240	340	1.7	3550	.5	400ft	•
60E	64E	66E	400	150	130	.8	2180	.6	400ft	•
	60E	62E	400	300	160	.5	1340	.3	↓	•
IS THIS SOUTH	56E	58E	400	600	550	2.3	2300	.4	↓	•
	52E	54E	400	240	200	.6	2090	.3	↓	•
	48E	50E	400	380	360	1.0	2380	.3	↓	•
	44E	46E	400	250	350	1.4	3500	.4	↓	•
	40E	42E	400	150	180	.8	3010	.4	↓	•
60E	36E	38E	400	190	240	1.0	3170	.4	400ft	•
	NOV 6	1970			DAVID				ARRAY	
68S	32E	30E	400	90	150	.6	4170	.4	400ft	•
	36E	34E	400	125	260	1.3	5210	.5	↓	•
	40E	38E	400	120	180	1.4	3770	.8	↓	•
	44E	42E	400	140	295	1.6	2870	.5	↓	•
	48E	46E	400	140	180	.8	3240	.4	↓	•
	52E	50E	400	140	160	.8	2870	.5	↓	•
	56E	54E	400	140	80	.6	1435	.8	↓	•
	60E	58E	400	220	120	.8	1371	.7	↓	•
	64E	62E	400	390	140	.7	903	.5	400FT	•

DATE: Nov 1 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: KEN DYCK PROPERTY: DAVID

CALCULATIONS:

$\rho a = 2\pi a \frac{dV}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
36S	56E	58E	400	640	300	1.0	1180	.3	400FT	•
	52E	54E		400	125	.9	784	.7		•
	48E	50E		320	120	.7	941	.6		•
	44E	46E		320	110	.7	863	.6		•
	40E	42E		170	110	.8	1625	.7		•
	36E	38E		270	225	1.0	2100	.4		•
	32E	34E		380	350	2.0	2310	.6		•
	28E	30E		150	80	.6	1505	.7		•
	24E	26E		200	100	.8	3024	.8		•
36S	20E	22E		200	140	.4	1760	.6		•
28S	24E	22E		160	100	0	1570	0		•
	28E	26E		170	160	.8	2360	.5		•
	32E	30E		125	120	.4	2410	.3		•
	36E	34E		80	125	.4	3920	.3		•
	40E	38E		220	190	.6	2160	.3		•
	44E	42E		360	150	.7	1045	.5		•
	48E	46E		160	75	.5	1160	.7		•
28S	52E	50E	400	300	100	.6	838	.6	400FT	•

DATE: NOV 2 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: KEN DICK PROPERTY: DAVID

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

$Ca = 2\pi n(n+1)\frac{dv}{I}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	Ca	IPn	a	REMARKS
20S	40E	42E	400	160	110	1.0	1740	.9	400Ft	
	36E	38E		120	100	.8	2090	.8		
	32E	34E		100	80	.6	2010	.8		
	28E	30E		90	85	.6	2370	.7		
	24E	26E		50	30	.5	3770	1.7		PROBE 2 10,000
	20E	22E		550	375	1.8	4230	.5		
	16E	18E		350	130	.6	1140	.5		
20S	12E	14E		180	95	.6	1330	.6		
12S	16E	14E		420	110	1.0	657	.9		
	20E	18E		290	210	1.0	1840	.5		
	24E	22E		200	140	.8	1760	.6		
	28E	26E		100	75	.7	1885	.9		
	32E	30E		260	320	1.6	3090	.5		
	36E	34E		150	45	.1	755	.2		
12S	40E	38E		120	105	.9	2190	.9		
4S	40E	42E		120	190	1.0	3970	.5		
	36E	38E		220	120	1.1	1370	.9		
	32E	34E		105	140	1.0	3350	.7		
	28E	30E		150	200	1.5	3350	.8		
	24E	26E		800	440	1.3	1385	.3		
	20E	22E		640	525	2.8	2060	.6		
	16E	18E		85	25	.4	739	1.6		PROBE 2 7000
4S	12E	14E	400	160	100	.6	4020	.6	400Ft	

DATE: SEPT 15, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS (MORRISON LAKE)

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

e_a =

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
52S	10W	12W	450	180	55	0.7	769	1.3	400'	HIGH POT RESISTANCE
	6W	8W	450	1000	350	1.9	881	0.5	"	"
	2W	4W	450	250	90	0.6	905	0.7	"	"
	2E	0W	450	380	260	1.4	1712	0.5	"	"
	6E	4E	450	330	170	1.1	1295	0.6	"	"
	10E	8E	450	150	95	0.4	1595	0.4	"	"
	14E	12E	450	180	90	0.9	1255	1.0	"	HIGH POT 20,000 RESISTANCE OHMS
	18E	16E	450	140	75	0.6	1355	0.8	"	" " 30,000
	22E	20E	450	150	95	0.5	1595	0.5	"	" " 20,000
	26E	24E	450	90	55	0.3	1535	0.5	"	HIGH PROBE 5,000 RESISTANCE OHMS
52S	30E	28E	450	50	47	0.2	2360	0.9	"	" " 8,000 OHMS
60S	30E	32E	450	76	110	1.0	3650	0.9	400'	HIGH PROBE RESISTANCE
	26E	28E	450	170	240	1.6	3560	0.7	"	" "
	22E	24E	450	160	240	1.4	3780	0.6	"	" "
	18E	20E	450	70	90	1.1	3240	1.2	"	HIGH POT & PROBE RESISTANCE
	14E	16E	450	230	210	0.6	2300	0.3	"	"
	10E	12E	450	280	145	0.5	1300	0.3	"	"
	6E	8E	450	350	160	0.7	1155	0.4	"	"
	2E	4E	450	160	45	0.4	710	0.9	"	"
	2W	0E	450	650	150	0.5	580	0.3	"	"
	6W	4W	450	460	115	0.3	632	0.3	"	"
60S	10W	8W	450	54	22	0	1025	0	"	HIGH PROBE RESISTANCE 6,000 OHMS

DATE: SEPT 16, 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: G. TODD PROPERTY: DAVID MINERALS (MORRISON LAKE)

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

$\rho a =$

LINE	READING AT	$\overline{\times}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
68S	10W	12W	450	220	39	0.1	446	1.8	400'	HIGH POT RESISTANCE
	6W	8W	450	120	30	0.5	628	1.7	"	HIGH PROBE RESISTANCE
	2W	4W	450	460	65	1.1	357	1.7	"	
	2E	0W	450	600	130	1.2	545	0.9	"	
	6E	4E	450	370	115	0.7	780	0.6	"	
	10E	8E	450	600	390	2.3	1670	0.6	"	
	14E	12E	450	240	245	2.0	2570	0.8	"	
	18E	16E	450	180	180	1.6	2512	0.9	"	
	22E	20E	450	160	240	1.6	3780	0.7	"	
	26E	24E	450	140	250	2.1	4500	0.8	"	
68S	30E	28E	450	66	100	1.1	3820	1.1	"	HIGH PROBE RESISTANCE

DATE: SEPT. 14, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS (MORRISON LAKE)

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
36S	30W	32W	450	150	35	0.2	588	0.57	400'	•
	26W	28W	450	230	70	1.4	765	2.0	"	•
	22W	24W	450	110	80	1.9	1815	2.38	"	• HIGH PROBE RESISTANCE
	18W	20W	450	240	440	7.5	4060	1.71	"	•
	14W	16W	450	180	210	3.4	2950	1.62	"	•
	10W	12W	450	120	230	3.8	4810	1.65	"	• HIGH PROBE RESISTANCE
	6W	8W	450	330	290	2.8	2210	0.97	"	•
	2W	4W	450	130	110	1.2	2140	1.09	"	•
	2E	0W	450	160	110	0.6	1730	0.55	"	•
	6E	4E	450	650	240	2.1	935	0.88	"	•
	10E	8E	450	140	90	1.5	1620	1.67	"	•
	14E	12E	450	190	130	0.8	1730	0.62	"	•
36S	18E	16E	450	390	210	1.9	1360	0.91	"	•
44S	18E	20E	450	850	460	3.5	1360	0.76	400'	•
	14E	16E	450	120	65	0.9	1360	1.38	"	• HIGH PROBE RESISTANCE
	10E	12E	450	210	145	1.6	1740	1.10	"	•
	6E	8E	450	800	320	3.2	1005	1.0	"	•
	2E	4E	450	270	130	1.2	1215	0.9	"	•
	2W	0E	450	190	75	1.2	990	1.6	"	•
	6W	4W	450	335	150	1.9	1125	1.3	"	•
	10W	8W	450	230	95	1.6	1040	1.7	"	•
	14W	12W	450	210	100	0.6	1200	0.6	"	• HIGH POT RESISTANCE
	18W	16W	450	170	50	0.50	740	1.0	"	•
	22W	20W	450	750	165	1.1	552	0.7	"	•
	26W	24W	450	360	65	0.1	455	0.2	"	•
44S	30W	28W	450	170	23	0.2	340	0.9	"	•

DATE: I. P. RESULTS ARRAY:

OPERATOR: PROPERTY:

CALCULATIONS: $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	Σ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
4S	30W	32W	450	110	120	2.9	2750	2.4		HIGH POT & PROBE Ω
	26W	28W	450	140	95	0.4	1710	0.4		HIGH PROBE Ω
	22W	24W	450	160	195	3.4	3070	1.8		
	18W	20W	450	180	250	3.7	3500	1.5		
	14W	16W	450	210	300	4.2	3600	1.4		
	10W	12W	450	120	165	2.3	3470	1.3		HIGH PROBE Ω
	6W	8W	450	150	190	1.8	3180	0.9		
	2W	4W	450	170	100	1.3	1480	1.3		
	2E	0W	450	150	80	1.1	1340	1.4		
	6E	4E	450	210	65	0.9	780	1.4		
4S	10E	8E	450	260	185	2.0	1800	1.1		
12S	10E	12E	450	160	65	1.0	1010	1.5		
	6E	8E	450	160	60	0.6	940	1.0		
	2E	4E	450	240	150	1.6	1580	1.1		
	2W	0E	450	180	60	0.9	840	1.5		
	6W	4W	450	950	980	9.5	2600	1.0		HIGH POT Ω
	5W	"	450	130	280	3.5	5410	1.2		HIGH PROBE Ω
	10W	8W	450	220	240	3.6	2745	1.5		
	14W	12W	450	180	240	3.3	3355	1.4		
	18W	16W	450	180	185	2.0	2585	1.1		
	22W	20W	450	130	155	2.8	3000	1.8		HIGH PROBE Ω
	26W	24W	450	360	100	2.1	1400	1.0	•	
	30W	28W	450	170	75	0.9	1105	1.2	•	

DATE: OCT 21, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS:

$\rho a = 2\pi a \frac{dV}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
64N	24W	22W	450	360	215	1.8	1500	0.84	•	
	28W	26W	450	140	125	1.4	2240	1.12	•	
	32W	30W	450	150	130	1.8	2180	1.38	•	
	36W	34W	450	180	85	1.1	1190	1.29	•	
	40W	38W	450	220	120	1.7	1370	1.42	•	
	44W 48W 52W	42W 46W 50W	LAKE						•	
	56W	54W	450	220	21	0.4	240	1.91	•	
	60W	58W	450	240	23	0.5	240	2.17	•	
	64W	62W	450	500	43	0.5	216	1.16	•	
	68W	66W	450	150	15	0.4	251	2.67	•	
	72W	70W	450	170	24	0.5	354	2.09	•	
	76W 80W 84W 88W	74W 78W 82W 86W	LAKE						• •	

DATE: OCT 19, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T. $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\overline{X}$ AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
80N	24w	22w	450	380	320	2.0	2120	0.63	400'	•
	28w	26w	450	230	190	0.7	2080	0.37	"	•
	32w	30w	450	190	240	2.0	3170	0.83	"	•
	36w	34w	450	330	180	1.3	1370	0.72	"	•
	40w	38w	450	390	360	3.4	2320	0.94	"	•
	44w	42w	450	410	210	2.0	1270	0.95	"	•
	48w	46w	450	160	50	0.1	785	0.2	"	•
	52w	50w	450	650	105	0.8	405	0.76	"	•
	56w	54w	450	750	75	0.9	251	1.2	"	•
	60w	58w	450	400	47	0.4	295	0.85	"	•
	64w	62w	450	230	22	0	240	0	"	•
	68w	66w	450	600	43	0.5	180	1.16	"	•
	72w	70w	450	550	35	0.3	159	0.86	"	•
	76w	74w	450	180	13	0.2	182	1.54	"	•
	80w	78w	450	420	31	0.3	185	0.97	"	•
	84w	82w	450	160	45	0.1	705	0.22	"	•
	88w	86w	450	240	43	0	450	0	"	•
	92w	90w	450	250	120	1.5	1200	1.25	"	•
	96w	94w	450	190	46	0	610	0	"	•
	100w	98w	450	150	65	0.4	1090	0.62	"	•
	104w	102w	450	420	175	1.4	1050	0.8	"	•
	108w	106w	450	250	175	3.0	1760	1.71	"	•

DATE: OCT 18, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T. $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\overline{\text{AT}}$	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
88N	24W	22W	450	250	200	1.8	2010	0.9	400'	•
	28W	26W	450	140	95	0.9	1710	0.95	"	•
	32W	30W	450	190	150	0.5	1980	0.33	"	•
	36W	34W	450	170	120	1.4	1770	1.17	"	•
	40W	38W	450	160	80	0.9	1260	1.12	"	•
	44W	42W	450	320	195	3.2	1530	1.64	"	•
	48W	46W	450	300	65	1.3	545	2.0	"	•
	52W	50W	450	160	31	0.5	485	1.61	"	•
	56W	54W	450	360	60	1.3	420	2.17	"	•
	60W	58W	450	340	55	1.0	405	1.82	"	•
	64W	62W	450	850	115	1.9	340	1.65	"	•
	68W	66W	450	160	14	0.1	220	0.71	"	•
	72W	70W	450	280	14	0.3	126	2.14	"	•
	76W	74W	450	170	55	0.5	815	0.91	"	•
	80W	78W	450	300	20	0.4	167	2.0	"	•
	84W	82W	450	750	80	0.8	268	1.0	"	•
	88W	86W	450	180	65	0.8	905	1.23	"	•
	92W	90W	450	280	55	0.7	445	1.27	"	•
	96W	94W	450	350	130	1.5	930	1.15	"	•
	100W	98W	450	170	38	0.6	560	1.58	"	•
	104W	102W	450	260	70	0.5	675	0.71	"	•
	108W	106W	450	280	70	0.9	630	1.28	"	•
	112W	110W	450	600	250	2.0	1050	0.8	"	•
	116W	114W	450	150	65	0.3	1010	0.46	"	•
	120W	118W	450	450	225	1.9	2120	0.84	"	•
	124W	122W	450	750	230	2.5	770	1.09	"	•

DATE: OCT 17, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T.

$\rho a = 2\pi a \frac{\Delta V}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	⊼ AT	VOLTS	Ima	dVmv	I.P.	ρa (NEXT CHANG	IPn	a	REMARKS
116N	128W	126W	450	460	110	0	600	0		•
	132W	130W	450	250	50	0	505	0		•
	136W	134W	450	170	60	1.5	885	2.5		•
104N	124W	122W	450	150	34	0.7	570	2.06		•
96N	120W	118W	450	250	60	0.2	605	0.33		•
	124W	122W	450	140	42	0.8	755	1.90		•

DATE: OCT 16, 1970 I. P. RESULTS ARRAY: WENNER.

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G. T. $IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρa	IPn	a	REMARKS
96N	24W	22W	450	950	280	2.0	740	0.72	400'	•
	28W	26W	450	180	60	1.0	835	1.67	"	•
	32W	30W	450	250	70	0.1	705	0.14	"	•
	36W	34W	450	280	80	0.5	715	0.63	"	•
	40W	38W	450	150	60	1.0	1000	1.67	"	•
	44W	42W	450	170	60	1.4	885	2.33	"	•
	48W	46W	450	250	90	0.1	905	0.11	"	•
	52W	50W	450	170	23	0.4	340	1.74	"	•
	56W	54W	450	270	34	0.9	316	2.65	"	•
	60W	58W	450	950	90	1.2	238	1.33	"	•
	64W	62W	450	200	23	0.2	289	0.87	"	•
	68W	66W	450	170	13	0	192	0	"	•
	72W	70W	450	470	35	0.6	187	1.72	"	•
	76W	74W	450	240	17	0	178	0	"	•
	80W	78W	450	230	23	0.2	251	0.87	"	•
	84W	82W	450	250	37	0.1	372	0.27	"	•
	88W	86W	450	160	14	0	220	0	"	•
	92W	90W	450	270	75	1.3	695	1.73	"	•
	96W	94W	450	170	30	0.7	445	2.34	"	•
	100W	98W	450	380	55	0.5	364	0.91	"	•
	104W	102W	450	160	28	0	440	0	"	•
	108W	106W	450	390	65	0.1	420	0.15	"	•
	112W	110W	450	300	75	0.4	630	0.53	"	•
	116W	114W	450	140	48	0.4	860	0.83	"	•

DATE: OCT 15, 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: G. TODD PROPERTY: DAVID MINERALS

CALCULATIONS: G T

$IPn = \frac{IP(100)}{dv}$

ρa =

LINE	READING AT	$\bar{x}$ AT	VOLTS	Ima	dVmv	I.P.	ρa REST	IPn CHARGE	a	REMARKS
104N	24W	22W	450	150	75	0.4	1255	0.53	400	•
	28W	26W	450	190	60	0	795	0	"	•
	32W	30W	450	250	90	0.8	905	0.89	"	•
	36W	34W	450	390	95	0.8	610	0.84	"	•
	40W	38W	450	390	125	1.4	805	1.12	"	•
	44W	42W	450	260	75	1.6	725	2.13	"	•
	48W	46W	450	650	160	1.5	615	0.94	"	•
	52W	50W	450	160	24	0.5	376	2.08	"	•
	56W	54W	450	600	65	0.8	272	1.23	"	•
	60W	58W	450	150	13	0.1	217	0.77	"	•
	64W	62W	450	650	80	1.3	309	1.63	"	•
	68W	66W	450	220	20	0.5	228	2.5	"	•
	72W	70W	450	180	16	0	223	0	"	•
	76W	74W	450	210	15	0.2	179	1.33	"	•
	80W	78W	450	250	32	0.6	321	1.88	"	•
	84W	82W	450	160	23	0.4	361	1.74	"	•
	88W	86W	450	440	85	0.9	485	1.06	"	•
	92W	90W	450	500	110	1.2	550	1.09	"	•
	96W	94W	450	360	65	0.8	454	1.23	"	•
	100W	98W	450	270	41	0.3	381	0.73	"	•
	104W	102W	450	160	65	1.1	1020	1.69	"	•
	108W	106W	450	240	36	0.5	377	1.39	"	•
	112W	110W	450	300	45	0.2	376	0.44	"	•
	116W	114W	450	250	47	0	470	0	"	•
	120W	118W	450	150	33	0.3	550	0.91	"	•

DATE: Oct. 2, 1970 I. P. RESULTS ARRAY: Wenner

OPERATOR: N. Thomsen PROPERTY: David

CALCULATIONS:

$e_a = 2\pi a \frac{dV}{I}$ $IPn = \frac{IP(100)}{dv}$

LINE	READING AT	π AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
116N	20W	18W	450	470	260	.2	1390	.08	400	•
	24W	22W		150	65	0	1090	0		•
	28W	26W		160	45	0	708	0		•
	32W	30W		220	80	.8	909	1		•
	36W	34W		130	30	.5	580	1.67		•
	40W	38W		150	35	.4	585	1.14		•
	44W	42W		120	30	0	628	0		•
	48W	46W		80	20	0	628	0		•
	52W	50W		160	30	0	470	0		•
	Oct. 3, 1970			N. Thomsen						
116N	56W	54W	450	100	15	1.0	376	6.65	400	• 4500 Ω - P.R.
	56W	54W	900	180	30	2.0	418	6.65		• 4500Ω - P.R.
	60W	58W	450	320	100	2.5	785	2.5		•
	64W	62W		180	32	.4	445	1.25		• 4500Ω - P.R.
	68W	66W		320	100	1.1	785	1.1		•
	72W	70W		360	36	0	251	0		•
	76W	74W		380	11	0	125	0		?
	80W	78W		260	13	0	125	0		•
	84W	82W		430	16	0	93.5	0		?
	88W	86W		300	16	0	134	0		•
	92W	90W		300	20	0	168	0		•
	96W	94W	↓	80	9	.2	282	2.22		• 5000 Ω - P.R.
	96W	94W	900	150	15	.1	251	.67		• 5000 Ω - P.R.
	100W	98W	450	190	17	0	224	0		•
	104W	102W		210	25	.4	298	1.6		•
	108W	106W		140	12	0	215	0		•
	112W	110W		240	25	.5	261	2		•
	116W	114W		160	20	0	314	0		•
	120W	118W		175	25	0	358	0		•
	124W	122W	↓	200	30	0	376	0	↓	•
										•

DATE: NOV 8 1970 I. P. RESULTS ARRAY: WENNER

OPERATOR: K DYCK PROPERTY: DAVID

CALCULATIONS:

$\rho_a = 2\pi a \frac{\Delta V}{I}$.

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	ρ_a	IPn	a	REMARKS
136N	88N	86W	400	300	25	0	2090	0	400FT	.
	92W	90W	400	210	20	.2	2350	1.0	400FT	.
	96W	94W	400	190	15	0	1985	0	400FT	.
	100W	98W	400	140	20	.2	3590	1.0	400FT	.
	104W	102W	400	180	20	.4	2790	2.0	400FT	.
	108W	106W	400	180	15	.4	2090	3.0	400FT	.
	112W	110W	400	140	10	.4	1795	4.0	400FT	.
	116W	114W	400	140	10	.2	1795	2.0	400FT	.
	120W	118W	400	200	20	.4	2590	2.0	400FT	.
	124W	122W	400		STARTED TO RAIN					
		126W								
		130W								

DATE: NOV 3 1970 | I. P. RESULTS | ARRAY: WENNER

OPERATOR: KEN DICK | PROPERTY: DAVID NORTH GRID

CALCULATIONS:

$e_a = 2\pi a \frac{dv}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
152N	48W	46W	400	100	48	1.5	1200	3.1	400FT	
	52W	50W		65	10	.6	1635	6.0		PROBE R-7000
	56W	54W		125	85	1.8	1500	2.1		
	60W	58W		105	45	1.2	1080	2.7		
	64W	62W		150	85	2.0	1425	2.3		
	68W	66W		325	155	3.2	1200	2.1		
	72W	70W		70	20	.8	717	4.0		PROBE R-7000
	76W	74W		95	25	.4	660	1.6		
	80W	78W		175	55	.8	791	1.5		
	84W	82W		125	20	.2	402	0		
	98W	96W		100	10	.4	251	4.0		PROBE R-4500
	102W	100W		45	10	.4	558	4.0		PROBE R-10,000
	106W	104W		200	12	.2	151	1.7		
	110W	108W		45	5	.2	279	.4		PROBE R-10,000
	114W	112W	↓	80	10	.3	314	3.0	↓	PROBE R-5500
152N	118W	116W	400	75	10	.2	335	2.0	400FT	PROBE R-5500
	NOV 4 1970			DAVID				WENNER		
	KEN DICK									
44S	40E	42E	400	450	440	1.6	2450	.4	400FT	
	36E	38E		140	150	.8	2690	.5		
	32E	34E		100	95	.4	2480	.4		
	28E	30E		200	125	.6	1570	.5		
44S	24E	26E		100	30	.4	754	1.3		PROBE R-4000
52S	32E	30E		100	85	.4	1885	.5		
	36E	34E		120	190	1.0	3980	.5		
	40E	38E	↓	85	65	0	1920	0	↓	PROBE R-5000
52S	44E	42E	400	80	150	1.0	4710	.7	400FT	

DATE: Nov. 9, 1970 I. P. RESULTS ARRAY: Wenner

OPERATOR: N. Thomsen PROPERTY: David

CALCULATIONS:

$e_a = 2\pi a \frac{dv}{I}$

$IPn = \frac{IP(100)}{dv}$

LINE	READING AT	X AT	VOLTS	Ima	dVmv	I.P.	e_a	IPn	a	REMARKS
14N	64W	66W	450	700	460	23	1650	5.00	400	.
	65W	"		650	440	15	850	3.41	200	.
	60W	62W		170	60	2.5	887	3.67	400	.
	61W	"		470	440	17.5	1170	3.97	200	.
	56W	58W		200	110	5.0	1370	4.55	400	.
	57W	"		150	205	7.0	1720	3.42	200	.
	52W	54W		300	65	6.0	545	9.25	400	.
	53W	"		190	190	5.5	1256	2.89	200	.
	48W	50W		260	120	4.5	1160	3.75	400	.
	44W	46W		310	120	3.0	975	2.50		.
	40W	42W		320	100	2.5	785	2.50		.
	36W	38W		150	45	.4	750	.89		.
	32W	34W		330	660	17	5024	2.58		. Sp. Not Constant
	28W	30W		320	500	5.5	3920	1.1		. "