

TABLE I

METAL CONTENT VS. DEPTH IN OVERBURDEN

<u>LOCATION</u>	<u>DEPTH FT.</u>	<u>MATERIAL</u>	<u>Cu PPM</u>	<u>Mo PPM</u>	<u>Zn PPM</u>
OE/ON	7	Gravelly till	76	1	147
"	8.5	" "	85	ND	136
"	10.5	Basal till	78	1	128
"	11.5	" "	74	ND	133
"	12.0	Bedrock Chips	32	5	107
8W/19N	1.5	Clay	7	1	18
"	2.0	Sub-outcrop	99	1	71
"	2.5	Bedrock chips	54	2	78

TABLE II

SURFACE SOIL VS. BASAL TILL

<u>LOCATION</u>	<u>NO OF SAMPLES</u>		<u>Cu, ppm</u>		<u>Mo, ppm</u>		<u>Zn, ppm</u>	
	<u>SURFACE</u>	<u>TILL</u>	<u>SURFACE</u>	<u>TILL</u>	<u>SURFACE</u>	<u>TILL</u>	<u>SURFACE</u>	<u>TILL</u>
16E 20S	1	1	30	51	3	ND	45	140
" 28S	1	1	17	53	1	3	30	137
" 32S	1	1	3	66	1	3	40	82
8E 8S	1	1	31	136	1	2	21	136
" 28S	1	1	15	75	3	2	21	260
Overall								
Average *	460	193	32	75	5.0	2.3	45	160
Background								

* The "surface" soils are mostly from steep topography at the S end of the grid.

TABLE III

BASAL TILL VS. DIAMOND DRILL HOLES

LOCATION (VICINITY)	Cu, ppm		Mo, ppm		Zn, ppm	
	TILL	UPPER HOLE	TILL	UPPER HOLE	TILL	UPPER HOLE
DDH 72-1	280	128	4	1	280	392
DDH 72-2	130	160	1	<1	130	89
DDH 72-3	160	118				

TABLE IV

BASAL TILL VS. BEDROCK CHIPS

LOCATION	SIZE FRACTION OF TILL	Cu, ppm		Mo, ppm		Zn, ppm	
		TILL	CHIPS	TILL	CHIPS	TILL	CHIPS
OE/ON	-100 mesh	51	32	1	5	108	107
OE/12N	"	44	20	ND	1	83	62
OE/20N	"	260	40	1	4	103	90

TABLE V

TOTAL MINUS 80 MESH VS. HEAVY MINERAL FRACTION

LOCATION	TYPE	Cu, ppm		Mo, ppm		Zn, ppm	
		-80	H.M.	-80	H.M.	-80	H.M.
16E/20S	Surface soil	30	148	3	10	45	110
" 28S	"	17	175	1	8	30	70
" 32S	"	3	145	1	7	40	78
16E/24S	Basal till	63	115	2	5	186	142
" 32S	"	66	170	3	ND	82	90
" 36S	"	53	110	1	6	178	76
" 39S	"	50	138	ND	5	160	133
OE/ON	"	51	62	1	6	108	86

ELK CLAIMS
1974 PROGRAM

Bedrock Chip Samplats Analysed

<u>Sam. #</u>	<u>Station</u>	<u>ppm, Cu</u>	<u>ppm, Zn</u>	<u>ppm, Mo</u>
4AL 3005R	OE/ON	32	107	5
4AL 3008R	OE/12N	20	62	1
4AL 3110R	OE/20N	40	90	4
4RV 3015R	16E/44N	25	46	5

Bedrock Chip Samplats Not Analysed

<u>Sam. #</u>	<u>Station</u>	<u>Comments</u>
4BR 3126 R	32W/36S	Tuff, grey, v.f.g. (andesitic?) Tr.py.
4BR 3118 R	32W/8N	Tuff, grey, v.f.g. (silicified andesite)
4BR 3114 R	32W/24N	Tuff, dark grey, andesitic. Tr.py.
	32W/36N	Tuff, andesitic. Some epidote and silicification
4BR 3135 R	24W/28S	Tuff, f.g., very highly weathered.
4BR 3099 R	24W/12N	Diorite, light grey, 8% py.
4BR 3142 R	16W/4S	Tuff, light grey, rhyolitic? Highly weathered
4RV 3045 R	16W/12N	Tuff, dark green, andesitic, epidotised
4RV 3041 R	16W/28N	Granodiorite, pale green, weathered
4RV 3039 R	16W/36N	Tuff, pale green, weakly epidotized
4BR 3008 R	0/32S	Tuff, pale green, chloritized
4BR 3015 R	8E/48S	Tuff, andesitic, highly weathered
4RV 3026 R	8E/12N	Quartz diorite, f.g.
4RV 3032 R	8E/36N	Rhyolite?, grey, 1% py.
4RV 3033 R	8E/40N	Rhyolite?, grey, 1% py.
4BR 3032 R	16E/16S	Basalt, black, 2% py.
4BR 3030 R	16E/8S	Tuff, pale green, mod. chloritic alteration
4RV 3021 R	16E/20N	Tuff, rhyolitic
4RV 3016 R	16E/40N	Basaltic andesite, black, tuffaceous?
4RV 3015 R	16E/44N	Tuff, white, rhyolitic 1% py.
4RV 3003 R	24E/8N	Tuff, grey, rhyolitic? 5% py.
4RV 3005 R	24E/16N	Tuff, f.g., rhyolitic, somewhat weathered
4RV 3007 R	24E/24N	Tuff, f.g., rhyolitic, 7% py.
4BR 3057 R	32E/20S	Tuff, rhyolitic 2% py.
4BR 3067 R	40E/28S	Tuff, pale green, mod.(epidote?) alteration