

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.08.24

ASSESSMENT REPORT 17993

MINING DIVISION: Omineca

PROPERTY: Sky
LOCATION: LAT 53 44 00 LONG 127 20 00
UTM 09 5954925 609945
NTS 093E11W

CLAIM(S): Sky 1-2
OPERATOR(S): Geostar Min.
AUTHOR(S): Pardoe, A.J.
REPORT YEAR: 1988, 24 Pages

COMMODITIES
SEARCHED FOR: Copper, Lead, Zinc, Silver, Arsenic

GEOLOGICAL
SUMMARY: The Sky claims are underlain by Cretaceous Skeena Group volcanics and volcanic sediments. Crosscutting and intruding these rocks are subvolcanic plugs and stocks of the Kasalka intrusions. Mineralization is restricted to several gossanous pyritic zones.

WORK
DONE: Geological, Geochemical
GEOL 500.0 ha
Map(s) - 1; Scale(s) - 1:10 000
ROCK 4 sample(s) ;ME
SILT 8 sample(s) ;ME
SOIL 247 sample(s) ;ME
Map(s) - 6; Scale(s) - 1:10 000

LOG NO: 1108	RD.
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

SKY CLAIMS

FILMED

OMINECA MINING DIVISION

93E/11

53° 44' N LATITUDE
127° 20' W LONGITUDE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,993

OWNER: GEOSTAR MINING CORPORATION
CONSULTANT: CUN MANAGEMENT GROUP INC.

A.J. PARDOE
OCTOBER 12, 1988

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1.0 INTRODUCTION

The Sky claims, located 87 km southwest of Houston, B.C., were staked in July of 1987 and are owned by Geostar Mining Corporation. In August of 1988, a program of reconnaissance geological mapping, prospecting, soil and silt geochemistry was conducted. A total of 247 soil samples were collected along five contour lines. As well 8 silt samples and 4 rock samples were collected.

2.0 ACCESS & LOCATION

The Sky property lies on the north side of Tahtsa Lake, straddling Rhine Ridge, and is located 87 km south of Houston. The claims are centered at 53° 44' N. latitude and 127° 20' W. longitude on NTS map sheet 93E/11 in the Omineca mining division.

Access is by helicopter from Houston. However, good quality logging roads run from Houston to Nadina lake. South of Nadina Lake, a rough dirt road, leading to the old Emerald Glacier Mine, passes within 5 km of the southeast corner of the Sky property. In 1988 this road was used to access the area and from there a camp and crew were moved onto the property by helicopter.

3.0 PHYSIOGRAPHY

Most of the Sky property lies on a steep, south facing slope cut by moderate to sharp creek valleys. Elevations range from 914 to 1980 m. Below the 1310 m elevation, the property is covered by a thick growth of spruce and fir with local marshy areas. Higher elevations are largely steep talus slopes, but more moderate, grass and lichen covered slopes occur on the west side of the property. Outcrop is plentiful along the ridge, steep creek valleys and locally on talus slopes, but is scarce on moderate slopes and at lower elevations.

3.0 PHYSIOGRAPHY (cont.)

Drainage is to the south into Tahtsa Lake and to the north into Rhine Creek. Snowfall is heavy and large snow patches persist on the north face year round. Conditions allow exploration work to be conducted from July to September.

4.0 CLAIM STATUS

The Sky property consists of two adjoining twenty unit blocks in the Omineca mining division. NTS 93E/11.

Claim	Record #	Units	Date of Expiry*
Sky 1	8734	20	Aug 24, 1989
Sky 2	8735	20	Aug 24, 1989

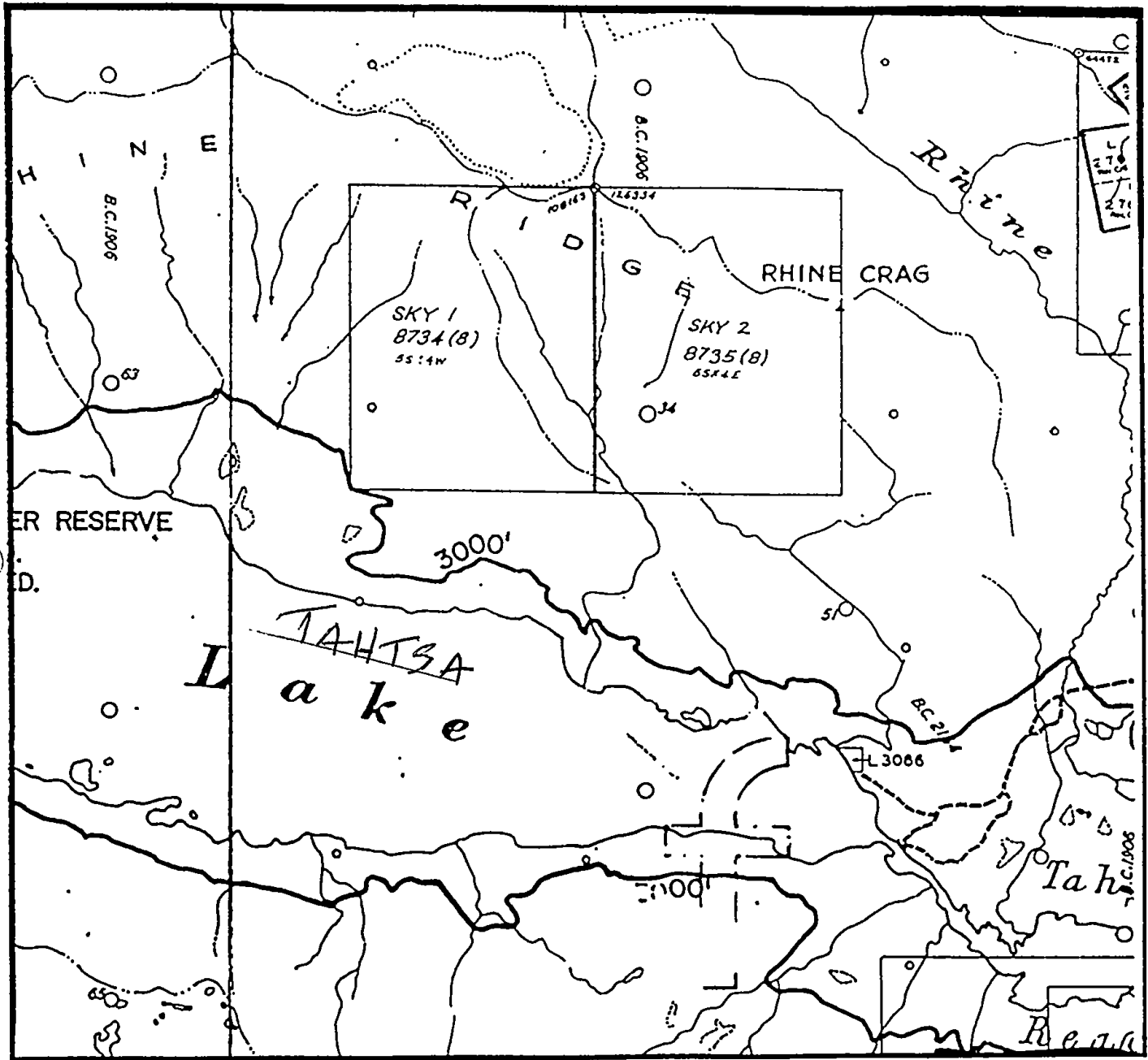
* After application of assessment work covered by this report.

The registered owner is:

Geostar Mining Corporation
325 - 1130 West Pender Street
Vancouver, B.C. V6E 4A4

5.0 HISTORY

The Tahtsa Lake area initially attracted prospectors in search of high grade base and precious metal veins in the early 1900's. During the 1960's and 1970's, exploration focus shifted to porphyry type deposits and large companies, including Kennco Explorations, (Western), Ltd., became active in the area. Several porphyry copper deposits and prospects have been outlined in the area; but none are mines. The only mine in the area, the Emerald Glacier Mine, worked a sheared quartz vein system containing lead-zinc-silver mineralization.



Claim Map
93E/11W

Scale 1:50,000

Figure No.2



5.0 HISTORY (cont.)

The Emerald Glacier Mine, which lies immediately northeast of the Sky property, was originally staked in 1915. The property was worked in 1917 to 1919 and 1927 to 1931; three adits were driven. In 1951, Emerald Glacier Mines Ltd. reopened earlier workings, did some development work and began mining. Between 1951 and 1953, 4,200 tonnes of ore averaging 12.1% lead, 11.5% zinc, 408 gm silver/tonne and 0.27 gm gold/tonne, were shipped to a custom mill in Nelson. In 1966 the old Silver Standard mill at Hazelton was moved to the Emerald Glacier property and the mine was reopened. A total of 2,650 tonnes of ore was milled in 1966 and 1967. From 1968 to the mine's closure in 1973, some minor underground development work was done but no ore was shipped.

The Sky claims were staked in July of 1987 in response to the B.C. government geochemical release for the Whitesail sheet. The property covers the upper portion of a creek anomalous in zinc (800 ppm), copper (200 ppm), lead (38 ppm), cadmium (3.8 ppm), nickel (50 ppm), cobalt (50 ppm), arsenic (70 ppm), manganese (4,000 ppm), and antimony (1.4 ppm).

6.0 REGIONAL GEOLOGY

The Sky property lies in the Intermontaine Belt of the Canadian Cordillera, near the eastern edge of the Coast Crystalline Complex. The oldest rocks in the area are folded andesitic volcanic and sedimentary rocks of the Hazelton Group, which are considered to be remnants of an island arc assemblage deposited in Early to Middle Jurassic time. The Hazelton Group is unconformably overlain by successor basin deposits of the Late Jurassic Bowser Lake and Early Cretaceous Skeena Groups. These rocks have been folded and faulted and are unconformably overlain by relatively flat lying volcanic rocks of the Late Cretaceous Kasaska Group. The entire sequence is cut by plutons of Late Cretaceous to Tertiary age.

6.0 REGIONAL GEOLOGY (cont.)

The Sky property is largely underlain by Skeena Group rocks. This group is subdivided by MacIntyre (1985) into three divisions 1) a poorly exposed basal conglomerate, 2) a massive amygdaloidal basalt unit, and 3) a marine sedimentary unit consisting of interbedded wacke and shale. Unit 3, the marine sedimentary unit, is considered to outcrop on the Sky property.

Overlying the Skeena Group are remnants of Late Cretaceous volcanic calderas, known as the Kasalka Group. A reddish pebble conglomerate marks the base of the group. Units above are rhyolite to basalt flows and tuffs and locally a lahar unit.

The Kasalka and Skeena Groups are cut by subvolcanic plugs and stocks which are petrographically and compositionally similar to volcanic rocks of the Kasalka Group. These rocks are called the Kasalka Intrusions and are also Late Cretaceous in age. Lying to the north of the property is the Sibola Stock, a biotite-hornblende granodiorite intrusion of upper Cretaceous age. An arm of this stock extends south into the Sky property.

7.0 WORK PROGRAM

Between August 20 and 22 of 1988, a program of reconnaissance geological mapping, prospecting, soil and silt geochemistry was conducted on the property. This work was carried out by a crew of two geologists and two field technicians.

A total of 247 soil samples were collected along five contour lines with stations 50 meters apart. Eight silt samples and 4 rock samples were also collected from the property.

8.0 PROPERTY GEOLOGY

8.1 Lithology

The property is largely underlain by bedded mudstone, siltstone and fine grained volcanic sandstone of the Skeena Group. On the west side of the property, bedding direction strikes $320^{\circ}/25^{\circ}$ SW. Outcropping along the top of Rhine ridge and overlying the bedded sediments, is a cap of massive fine grained green andesite, which may be part of the Kasalka Group volcanics.

A medium to coarse grained granite stock intrudes the central part of the property. Outcrops are found along the main creek, top of the ridge and on the northeast face of the ridge. Locally small aplitic dykes cut this granitic intrusion.

Along the ridge crest and on the south face, light weathering dacite porphyry dykes cut the strata. These dykes have a medium to light grey groundmass with large feldspar phenocrysts (up to 1.2 cm length), hornblende crystals, and local small quartz eyes. A dark, rusty-brown andesite porphyry dyke outcrops along the main creek. In fresh surface it has a grey-green groundmass with feldspar phenocrysts (average of 5 mm length) and abundant vesicles locally filled by chlorite.

A strong joint direction, striking southeast and dipping 72° to 80° northeast, occurs in all units. Both sets of porphyritic dykes parallel this trend and though contacts between the granitic stock and other units are generally obscured by talus or overburden, where measurable they also parallel the joint direction.

8.2 Alteration & Mineralization

A large gossan extends from the main ridge down the south face between and proximal to the forks of the main creek. In

8.2 Alteration & Mineralization (cont.)

the northeast corner of the property, a smaller gossan occurs in bedded tuffs and sediments on the upper edge of Rhine Creek. Both gossans result from oxidation of pyrite likely introduced into the units by the granitic intrusion. Volcanic rocks in the main gossan contain up to 8% disseminated pyrite, but are relatively unaltered and dark green in colour. A sample of gossanous andesite, TB88-137, yielded anomalous copper (515 ppm), silver (1.2 ppm) and iron (10.5%).

Narrow zones of alteration are locally associated with the granitic stock. Along Rhine ridge, proximal to granite outcrops, andesite outcrops are locally bleached. However, a sample of bleached andesite (JR88-42) reported only anomalous Pb (123 ppm). Along the sides of the main creek, sediments in contact with granite are locally silicified and bleached over zones less than one metre width. JR88-46, a sample of this contact metamorphism containing 2-3% disseminated pyrite, yielded anomalous copper (396 ppm), lead (785 ppm), silver (4.1 ppm), cadmium (16 ppm) and iron (7.5%).

No hydrothermal vein systems were found on the property. However, subangular quartz float bearing 2% coarse grained pyrite was collected from a granite talus slope on the northeast side of Rhine ridge. This sample, JR88-36, yielded anomalous molybdenum (15 ppm), copper (1912 ppm), tungsten (362 ppm) and nickel (176 ppm).

9.0 GEOCHEMISTRY

A soil geochemistry program was conducted on the south face of Rhine Ridge, covering the main gossan. Contour lines were run from the west to east claim lines at elevations of 1,585 m, 1,433 m, and 1,280 m, from the main creek to the east

9.0 GEOCHEMISTRY (cont.)

claim line at the 1371 m elevation, and on the west side of the property at 1128 m elevation. Stations were flagged every 50 m and samples were taken at a depth of 30 cm from the 'B' horizon using a mattock, then placed in kraft paper soil bags. A total of 247 samples were collected.

Silt samples were taken from the main creek at 400 m intervals and a sample taken from its main tributary. One silt sample was collected from a stream draining into Rhine Creek in the northeast corner of the property. A total of 8 silt samples were collected, placed in kraft paper bags and dried before shipping.

Both soil and silt samples were shipped to Acme Analytical Labs Ltd. of Vancouver, to be analyzed for 30 elements using an aqua regia digestion and ICP (inductively coupled argon plasma) technique. Samples anomalous in gold and/or high silver were reanalyzed for gold using an atomic absorption technique.

Values for silver, copper, lead, zinc and arsenic have been plotted. Levels for anomalous samples were chosen using government geochemical survey data and from visual inspection of data collected. Values are in parts per million.

Element	Background	Anomalous	Strongly Anomalous
Copper	0 - 60	61 - 150	>150
Silver	0 -1.0	1.1 - 2.0	>2.0
Lead	0 - 50	51 - 100	>100
Zinc	0 -250	251 - 500	>500
Arsenic	0 - 25	26 - 50	>50

Good geochemical response was shown by silver, copper, lead and zinc, with some correlation occurring between these elements. Local response was shown by strontium and arsenic; strontium values greater than 100 ppm define an area on the east side of the main creek and strongly anomalous (greater than 100 ppm) arsenic values are concentrated in the 1128 m line on the west side of the main creek. However, no strong correlation was noted between arsenic and strontium values and other elements.

9.0 GEOCHEMISTRY (cont.)

A fairly strong correlation occurs between copper and silver values. Anomalous values are concentrated in the area of the main gossan, proximal to and between the forks of the main creek. Anomalous values for both elements extend approximately 0.6 km to the east of the main creek forks and copper remains anomalous along the top soil line almost to the east claim line.

Lead and zinc anomalies are strongest along the top soil line, extending from the main creek to the east side of the property. Anomalous response is also noted on lower lines on the east-side, but only local response was reported between the creek forks on these lines. Strong correlation occurs between lead and zinc values and a tentative correlation is shown with copper and silver.

Sporadic samples are anomalous in gold, however they correlate with the above noted anomalous areas. Values up to 88 ppb gold are found.

10.0 CONCLUSIONS

Several strongly anomalous zones show up on the Sky claims. Most of the anomalous samples are found in the central portion of the claims just east of the unnamed creek draining the property. Two other anomalous areas are found northwest and southwest of the above mentioned area.

Copper values range up to 758 ppm, Lead to 1231 ppm, Zinc to 2142 ppm, Silver to 5.0 ppm, and Arsenic to 873 ppm. One sample site (AP88-197) has the highest lead zinc and arsenic values.

Detailed soil sampling and prospecting in the anomalous areas is definitely recommended on the Sky claims.

COSTS

A.J. Pardoe	3 days @ \$225/day	\$ 675.00
T. Berger	2 days @ \$150/day	300.00
B. Lepsoe	2 days @ \$150/day	300.00
A. Pickering	2 days @ \$150/day	300.00
Room & Board	8 man days @ \$20/day	160.00
Truck Rental	2 days @ \$50/day	100.00
Transportation (airfare, freight, gas)		125.00
Helicopter	3.4 hrs @ \$650/hr	2,210.00
Geochemical Analysis		
Soils	247 @ \$ 8.25/sample	2037.75
Silts	8 @ \$10.00/sample	80.00
Field Supplies		250.00
Report Writing	3 days @ \$225/day	675.00
Drafting & Reproduction		525.00
Secretarial		175.00
		<u>\$ 7,912.75</u>

STATEMENT OF QUALIFICATIONS

I, Alison Jill Pardoe, of Telkwa, B.C. hereby certify that:

I am a graduate of the University of Saskatchewan (1988) and hold a Bachelor of Science (Honours) degree in Geology.

I am a consulting geologist currently working under contract with CUN Management Group Inc., of 325 - 1130 West Pender Street, Vancouver, B.C.

I have been employed in my profession by various companies over the past seven years.

The information contained in this report was obtained as a result of field work carried out by CUN Management Group Inc. under my supervision in 1988.

I have no interest, direct or indirect in the property described nor in the securities of Geostar Mining Corporation.

I am the author of this report.

A.J. Pardoe
A.J. Pardoe

REFERENCES

Clarke, W.G. (1966). B.C. Report of Minister of Mines and Petroleum Resources, p. 105.

MacIntyre, D.G. (1975). Geology and Mineral Deposits of the Tahtsa Lake District, West Central British Columbia, B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 75.

APPENDIX A

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR NH FE SR CA P LA CR NG BA TI B V AND LIMITED FOR NA K AND AL. ND DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: PL-P7 SOIL P8 SLIT P9 ROCK P- Pulverized, -40 mesh

DATE RECEIVED: AUG 31 1988 DATE REPORT MAILED: *Sept 10/88* ASSAYER: *A. D. Joye* OR C. LEONG, CERTIFIED B.C. ASSAYERS

CUM MANAGEMENT INC. File # 88-4114 Page 1

SAMPLE#	NO	CU	PB	ZN	NI	CO	MO	Fe	AS	U	AU	TA	ST	CD	SB	SI	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Mn	K	Y	
AP 83 105	4	22	34	121	.2	16	9	743	5.78	20	5	ND	1	11	2	2	96	.10	.152	9	33	.58	63	.13	4	2.67	.01	.07	1	
AP 83 106	4	22	34	121	.2	16	9	743	5.78	20	5	ND	1	11	2	2	96	.10	.152	9	33	.58	63	.13	4	2.67	.01	.07	1	
AP 86 107	4	23	46	113	.4	16	7	519	5.63	25	5	ND	2	9	2	2	120	.07	.053	11	40	.25	70	.12	4	1.91	.01	.05	1	
AP 86 108	7	97	79	96	1.0	14	29	1064	5.64	23	5	ND	2	27	3	2	91	.37	.044	23	34	.22	155	.21	4	2.59	.01	.04	1	
AP 83 109	5	54	48	145	.5	15	6	439	5.05	19	5	ND	2	19	2	2	98	.13	.057	20	27	.45	136	.17	4	2.94	.01	.12	1	
AP 83 110	4	37	42	96	.7	13	5	323	5.26	30	5	ND	1	16	2	2	75	.10	.057	11	33	.39	66	.38	4	3.86	.01	.02	1	
AP 83 111	5	94	54	68	.9	11	5	214	6.52	12	5	ND	1	16	2	2	109	.21	.038	19	40	.40	90	.41	4	2.57	.02	.04	1	
AP 83 112	5	25	21	113	.1	15	14	562	4.12	43	5	ND	1	28	1	2	57	.11	.044	14	34	.59	69	.04	3	2.35	.01	.05	1	
AP 83 113	6	36	46	104	1.0	13	5	378	6.35	22	5	ND	3	18	3	2	97	.22	.043	10	37	.36	100	.12	4	2.96	.01	.07	1	
AP 83 114	4	17	24	100	.4	12	5	332	7.49	9	5	ND	3	9	2	2	136	.07	.267	9	42	.40	62	.15	4	2.54	.01	.04	1	
AP 83 115	5	28	42	76	.5	15	5	294	6.61	18	5	ND	3	11	2	2	75	.10	.043	9	39	.48	85	.07	7	2.86	.01	.07	2	
AP 83 116	4	22	27	45	.6	9	3	171	5.25	6	5	ND	3	6	2	2	133	.06	.024	8	32	.16	59	.24	3	1.38	.01	.05	2	
AP 83 117	4	30	34	87	.6	13	5	342	5.33	14	5	ND	1	17	2	2	91	.09	.040	11	32	.40	67	.07	6	2.29	.01	.06	1	
AP 83 118	4	91	41	100	.8	17	8	349	5.36	15	5	ND	2	10	2	2	79	.11	.049	14	41	.62	79	.16	3	3.52	.01	.07	1	
AP 83 119	5	27	30	85	.3	12	5	272	7.32	18	5	ND	3	8	2	2	112	.05	.044	9	39	.36	70	.11	4	2.54	.01	.04	1	
AP 83 120	2	20	46	221	.2	28	12	1510	5.22	23	5	ND	4	13	2	2	95	.09	.109	12	47	.59	147	.14	4	2.61	.01	.10	1	
AP 83 123	2	16	26	75	.5	9	5	549	3.64	3	5	ND	2	10	1	2	98	.08	.082	8	31	.34	57	.15	4	2.06	.01	.07	1	
AP 83 124	5	15	26	121	.1	23	7	616	5.48	126	5	ND	1	14	2	2	105	.10	.102	11	49	.63	74	.07	3	2.65	.01	.10	1	
AP 83 125	4	27	21	78	.2	15	8	563	5.55	6	5	ND	1	11	2	2	91	.16	.107	10	48	.62	60	.14	4	3.41	.01	.09	1	
AP 83 126	6	30	25	96	.5	17	5	323	6.00	14	5	ND	1	8	2	2	75	.06	.095	12	49	.46	58	.06	8	3.76	.01	.10	1	
AP 83 127	4	24	24	94	.3	14	9	1130	6.41	11	5	ND	1	8	2	2	97	.07	.065	9	50	.45	70	.15	4	2.73	.01	.07	1	
AP 83 128	4	35	28	86	.4	15	6	422	6.19	14	5	ND	2	2	2	2	70	.06	.094	11	44	.51	73	.04	4	3.60	.01	.08	1	
AP 83 129	4	42	32	79	.2	17	5	287	5.14	12	5	ND	1	9	2	2	62	.05	.115	11	44	.45	67	.03	4	3.54	.01	.08	1	
AP 83 130	5	87	44	110	.6	20	13	586	6.73	22	5	ND	8	19	2	2	85	.08	.054	14	38	.61	153	.06	9	2.35	.01	.17	1	
AP 83 131	5	41	34	77	.6	16	6	367	7.35	22	5	ND	2	9	2	2	77	.09	.115	10	35	.43	73	.08	4	3.78	.01	.10	1	
AP 83 132	4	22	21	82	.5	13	6	700	5.60	11	5	ND	1	11	2	2	107	.09	.118	8	38	.35	76	.10	5	2.53	.01	.14	1	
AP 83 133	4	26	29	72	.2	10	5	643	5.90	12	5	ND	1	10	2	2	96	.08	.102	9	33	.37	67	.10	18	2.49	.01	.10	1	
AP 83 134	3	38	24	80	.1	13	7	500	4.15	8	5	ND	1	14	2	2	82	.13	.093	9	31	.50	56	.08	3	3.82	.01	.06	1	
AP 83 135	6	40	44	103	.4	13	6	282	5.95	14	6	ND	2	9	2	2	61	.09	.112	13	27	.35	43	.05	5	5.66	.01	.08	1	
AP 83 136	5	35	35	136	.3	12	11	1265	5.25	8	6	ND	1	17	2	2	92	.23	.082	15	41	.61	81	.15	5	3.46	.01	.10	1	
AP 83 137	4	39	25	88	.3	17	14	991	4.86	3	5	ND	1	11	2	2	82	.11	.107	11	42	.71	67	.10	5	4.04	.01	.08	1	
AP 83 138	4	39	35	106	.4	14	9	656	4.96	10	5	ND	1	12	2	2	85	.10	.087	16	38	.65	63	.12	4	3.51	.01	.06	1	
AP 83 139	5	24	27	103	.5	15	14	731	5.01	3	5	ND	1	16	2	2	93	.23	.065	15	47	.64	91	.21	5	3.62	.02	.12	3	
STD	25	60	41	132	6.3	70	30	1073	4.07	43	19	8	37	53	19	18	20	60	.49	.093	41	59	.92	182	.65	34	1.37	.06	.15	12

SAMPLE	MO	CU	PZ	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CR	P	LA	CR	HG	BA	TL	B	AL	NA	K	Y
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
AP 88 190	5	24	35	134	.7	12	6	432	4.35	11	5	ND	2	15	3	2	3	69	.26	.077	13	25	.72	84	.65	4	2.98	.01	.05	1
AP 88 191	5	51	73	174	.8	19	8	335	5.15	45	5	ND	5	10	3	2	2	53	.05	.075	12	46	.71	74	.04	5	5.22	.01	.10	3
AP 88 192	5	19	37	88	1.0	3	7	477	4.41	12	5	ND	1	10	3	2	2	76	.06	.039	8	26	.35	36	.14	12	2.42	.01	.04	1
AP 88 193	6	25	36	123	.7	11	5	577	5.14	24	5	ND	1	13	3	2	2	70	.09	.093	9	26	.45	51	.03	6	2.55	.01	.07	1
AP 88 194	7	46	63	214	.6	20	8	524	4.94	42	5	ND	1	13	3	2	2	61	.08	.074	12	27	.53	65	.05	4	3.52	.01	.06	1
AP 88 195	6	41	52	89	.7	9	6	395	4.85	18	5	ND	1	9	3	2	3	75	.09	.100	9	40	.42	37	.06	6	4.75	.01	.05	2
AP 88 196	5	18	50	38	1.1	9	5	321	5.33	13	5	ND	2	10	3	2	2	102	.05	.056	8	27	.24	55	.16	4	1.57	.01	.06	1
AP 88 197	7	131	1231	2142	3.0	120	90	5025	7.54	873	5	3	3	20	15	8	6	70	.37	1.23	29	54	.86	151	.02	7	2.80	.01	.15	1
AP 88 198	5	72	54	374	1.0	40	25	2359	6.24	96	5	ND	4	43	4	3	5	36	.44	.054	21	27	1.46	237	.04	5	3.05	.01	.09	1
AP 88 199	13	122	136	463	1.1	103	36	4615	9.61	57	5	ND	6	17	7	11	8	86	.06	.089	22	39	.17	293	.01	13	.95	.01	.12	1
AP 88 200	5	36	76	250	.8	54	30	1554	5.07	55	5	ND	4	12	4	2	2	92	.13	.083	25	69	1.10	144	.03	4	3.67	.01	.20	1
AP 88 201	5	84	85	336	.9	46	30	3144	6.04	65	5	ND	3	13	3	2	2	72	.05	.116	24	42	.90	89	.02	5	3.50	.01	.15	1
AP 88 202	7	106	59	387	1.0	28	27	1834	7.32	39	5	ND	3	15	5	2	3	65	.06	.116	15	27	.61	66	.06	5	3.85	.01	.05	1
AP 88 203	13	167	367	637	1.9	57	47	2672	9.17	78	8	3	7	16	10	13	6	66	.07	.104	31	39	.36	120	.02	6	2.09	.01	.13	1
AP 88 204	6	43	59	259	.8	21	10	905	5.22	41	5	ND	2	22	3	2	2	63	.18	.096	15	27	.73	71	.03	4	3.82	.01	.08	1
AP 88 205	5	62	63	258	.9	29	19	1063	5.22	53	5	ND	4	24	3	2	2	65	.13	.053	14	27	.89	111	.03	4	4.45	.01	.11	2
AP 88 206	6	45	61	205	.8	19	5	604	5.71	40	5	ND	1	16	3	2	2	59	.08	.087	10	30	.39	84	.02	4	4.48	.01	.10	2
AP 88 207	6	55	54	90	.6	12	5	271	4.94	21	5	ND	2	10	3	2	2	84	.07	.043	11	25	.32	64	.09	4	2.34	.01	.06	2
AP 88 208	5	34	23	72	.5	10	5	251	5.38	23	5	ND	2	11	3	2	2	83	.09	.038	9	24	.23	69	.05	4	1.55	.01	.04	2
AP 88 209	5	69	33	174	.8	26	8	461	5.31	36	5	ND	3	18	3	2	2	70	.20	.042	18	30	.58	107	.06	5	2.55	.01	.10	2
AP 88 210	7	17	33	33	.8	9	5	341	8.25	22	5	ND	3	7	4	3	2	141	.06	.105	10	30	.25	47	.14	5	1.85	.01	.06	2
AP 88 211	7	25	26	474	.8	12	15	467	6.14	25	5	ND	3	28	5	2	2	88	.42	.041	12	24	.37	165	.08	5	2.17	.01	.07	2
AP 88 212	5	22	31	211	.7	11	6	446	5.76	44	5	ND	2	11	4	2	2	84	.08	.052	9	22	.27	98	.06	5	1.67	.01	.05	2
AP 88 213	5	26	26	141	.7	15	7	511	5.40	30	5	ND	1	12	3	2	2	80	.09	.042	10	27	.38	67	.05	6	1.88	.01	.05	2
AP 88 214	5	26	35	131	.8	12	6	417	5.20	33	5	ND	3	25	3	2	2	102	.26	.048	9	25	.22	135	.10	4	1.32	.01	.06	1
AP 88 215	5	62	42	156	1.1	21	8	436	5.98	77	7	ND	3	20	5	3	3	65	.25	.062	11	34	.45	129	.03	5	1.81	.01	.11	2
AP 88 216	4	12	51	99	.7	11	4	274	5.10	43	5	ND	4	7	3	2	2	109	.06	.062	12	30	.21	49	.12	4	1.79	.01	.06	1
AP 88 217	4	22	77	375	.8	23	8	1073	5.63	63	5	ND	2	9	4	2	2	88	.06	.064	12	31	.29	107	.08	5	1.77	.01	.06	1
AP 88 218	4	24	111	509	1.2	34	17	1504	6.35	282	5	ND	2	10	5	2	2	87	.10	.105	15	45	.63	162	.11	5	2.70	.01	.09	1
AP 88 219	5	23	111	693	1.3	24	8	541	6.81	479	5	ND	4	10	4	3	4	84	.13	.062	13	38	.35	75	.08	6	2.25	.01	.07	1
AP 88 220	5	17	34	139	.6	12	5	254	6.45	297	5	ND	3	8	3	2	3	101	.06	.054	10	30	.34	56	.09	4	1.54	.01	.06	1
AP 88 221	5	22	38	148	1.0	15	5	274	4.44	58	5	ND	2	8	3	2	2	78	.08	.040	12	39	.44	39	.09	9	2.86	.01	.05	1
AP 88 222	5	30	65	91	1.0	11	3	207	4.75	125	5	ND	2	3	3	2	2	76	.05	.080	11	35	.30	29	.09	5	3.23	.01	.05	2
AP 88 223	1	25	107	125	2.6	10	3	138	.97	26	5	ND	1	17	2	2	2	19	.20	.190	17	22	.12	52	.01	2	2.65	.01	.05	2
AP 88 224	5	28	53	146	.8	14	5	312	5.17	84	5	ND	2	7	3	2	2	79	.07	.057	10	38	.52	40	.08	4	3.45	.01	.06	1
AP 88 225	5	30	37	173	.8	21	7	383	5.87	62	5	ND	2	7	3	2	2	74	.10	.085	11	42	.60	46	.08	5	2.98	.01	.09	2
SND C	20	59	42	132	7.3	69	29	1060	4.14	43	18	8	39	50	20	18	18	58	.48	.091	41	58	.96	177	.06	32	1.95	.06	.15	13

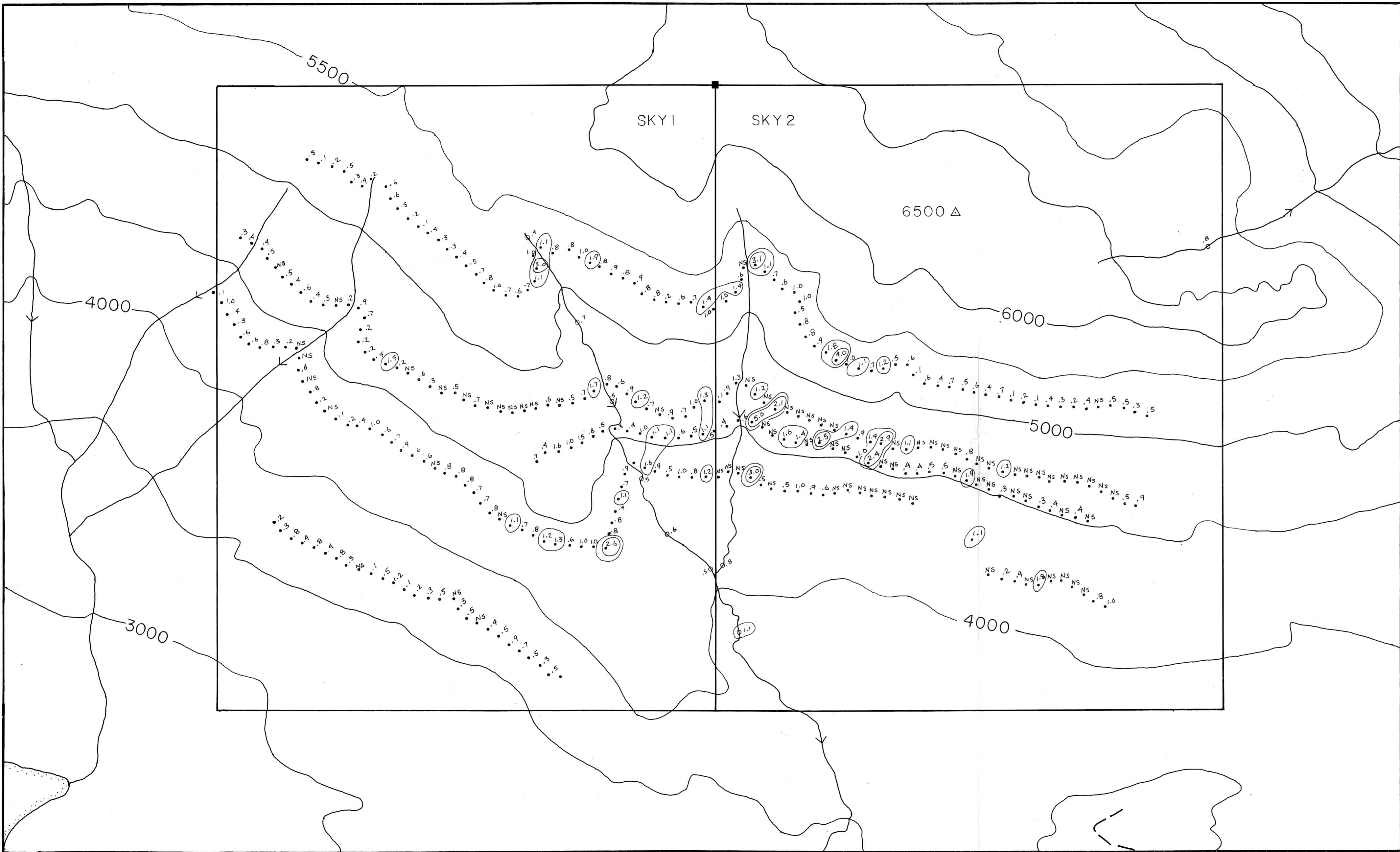
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AP 88 237	4	36	62	137	1.2	15	9	400	5.13	96	5	ND	1	14	1	2	2	84	.11	.032	5	35	.50	83	.14	4	2.52	.01	.10	1
AP 88 238	3	31	106	253	.7	11	6	313	6.57	276	5	NE	4	9	1	1	2	119	.09	.077	3	37	.41	53	.12	4	3.39	.01	.06	1
AP 88 239	6	32	39	115	.9	12	5	298	5.66	120	5	ND	3	3	1	2	2	115	.05	.048	7	32	.53	59	.05	2	2.84	.01	.07	1
AP 88 240	5	59	67	340	.6	42	20	1566	5.56	117	5	ND	3	28	2	5	2	67	.35	.059	17	34	.62	130	.03	3	1.51	.01	.12	1
AP 88 241	18	335	53	259	1.6	36	21	1271	5.15	389	5	ND	10	29	1	3	2	67	.09	.107	20	39	.73	135	.01	4	3.05	.01	.15	3
AP 88 242	5	53	40	119	.9	11	7	454	6.14	75	5	ND	3	14	1	3	2	114	.06	.062	9	28	.35	73	.06	6	2.58	.01	.09	5
AP 88 243	5	71	46	153	.5	19	22	2675	5.95	31	5	ND	1	56	1	2	2	53	.16	.097	23	26	.37	122	.02	3	3.52	.01	.07	3
AP 88 244	6	76	38	80	1.0	11	20	868	5.35	12	5	ND	1	18	1	3	2	91	.13	.065	16	30	.37	79	.21	4	2.45	.01	.07	1
AP 88 245	9	46	53	164	.8	13	10	852	7.63	37	5	ND	1	22	1	3	2	75	.06	.072	9	33	.50	50	.03	6	2.66	.01	.09	2
AP 88 246	5	255	66	264	1.2	16	34	2161	5.82	35	5	ND	5	78	2	6	5	71	.13	1.3	17	24	.79	37	.02	3	3.94	.01	.10	2
AP 88 247	5	85	39	139	.6	22	9	599	6.45	41	5	ND	1	24	1	2	2	75	.12	.097	9	30	.66	58	.04	4	3.00	.01	.07	4
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AP 88 249	5	157	41	315	.5	30	16	870	5.34	25	5	ND	4	16	1	2	3	77	.12	.034	9	33	.65	85	.09	4	4.11	.01	.09	16
AP 88 250	8	176	46	157	1.0	20	12	498	5.87	30	5	ND	10	13	1	2	7	75	.09	.084	10	27	.72	100	.06	3	3.71	.01	.10	47
AP 88 251	7	157	46	204	.9	18	8	489	5.85	34	5	NE	5	14	1	3	5	81	.09	.050	9	26	.64	70	.05	3	3.35	.01	.07	51
AP 88 252	5	240	54	283	.6	27	15	727	5.76	40	5	ND	5	25	1	2	2	60	.10	.080	10	32	.70	66	.10	4	4.50	.01	.08	1
AP 88 253	6	63	25	52	1.1	7	9	649	4.35	17	6	ND	2	36	1	3	2	67	.45	.159	23	10	.09	20	.01	7	1.92	.01	.05	1
AP 88 254	4	48	32	131	.3	22	14	1349	6.02	23	5	ND	1	12	1	2	2	79	.05	.122	10	44	.48	86	.04	3	3.57	.01	.13	1
AP 88 255	4	30	32	124	.4	16	13	1595	6.34	4	5	NE	2	18	1	2	2	103	.19	.135	12	42	.42	129	.09	10	2.71	.01	.17	1
BL 88 152	5	39	35	119	.4	18	9	610	6.23	35	5	ND	2	10	1	2	2	95	.07	.064	14	51	.64	72	.14	4	3.49	.01	.11	1
BL 88 153	3	24	25	101	.5	15	10	867	6.16	2	5	ND	2	7	1	2	2	103	.05	.063	9	52	.47	75	.16	3	3.64	.01	.15	1
BL 88 154	4	20	26	96	.5	12	27	3556	4.39	6	5	ND	1	15	1	2	2	91	.11	1.00	7	29	.23	131	.09	3	1.90	.01	.07	1
BL 88 155	3	23	23	58	.4	11	7	402	5.50	6	5	ND	1	6	1	2	2	112	.05	.050	9	37	.47	39	.21	3	2.56	.01	.09	1
BL 88 156	3	54	37	94	.6	22	12	1028	6.88	17	5	NE	2	8	1	2	2	81	.08	.081	30	42	.50	68	.10	5	3.99	.01	.09	1
BL 88 157	3	31	25	72	.4	15	10	875	6.65	11	5	ND	1	7	1	2	2	111	.05	.069	12	45	.39	57	.16	4	3.25	.01	.09	2
BL 88 158	2	36	28	82	.3	41	14	1109	4.35	8	5	ND	2	9	1	2	2	94	.14	.048	25	73	1.05	133	.28	4	3.57	.01	.32	1
BL 88 159	5	55	96	295	.2	48	21	2700	5.45	42	5	ND	1	24	1	2	3	58	.10	.068	18	40	.71	223	.03	3	2.28	.01	.17	1
BL 88 190	4	32	29	135	.5	21	10	821	5.00	32	5	ND	1	21	1	3	2	64	.25	.072	14	42	.60	92	.07	6	2.44	.01	.06	1
BL 88 191	4	34	46	205	.7	19	25	1577	4.56	32	5	ND	1	14	1	2	2	59	.15	.077	15	29	.51	99	.04	3	3.56	.01	.10	1
BL 88 192	5	12	54	71	.2	8	4	386	3.61	5	5	ND	1	9	1	2	2	121	.09	.049	8	24	.46	46	.35	3	1.79	.01	.04	1
BL 88 193	2	11	48	52	.2	11	7	462	4.60	11	5	ND	2	9	1	2	2	127	.05	.113	7	29	.30	38	.22	3	1.53	.01	.08	1
BL 88 194	3	100	41	115	.2	21	7	809	3.46	20	5	ND	1	9	1	2	2	54	.11	.075	13	34	.56	45	.04	4	4.09	.01	.04	1
BL 88 195	3	42	43	120	.4	16	7	671	5.39	22	5	ND	1	12	1	2	2	71	.13	.103	19	37	.50	78	.06	3	3.47	.01	.11	1
BL 88 196	3	41	61	109	1.4	11	8	826	3.91	16	5	ND	2	11	1	2	2	71	.13	.084	15	34	.48	64	.14	4	3.86	.01	.10	1
BL 88 197	1	33	96	162	.2	16	12	4779	4.25	23	5	ND	1	13	1	3	2	86	.21	.173	7	33	.29	106	.08	3	1.71	.01	.12	1
STD C	15	60	40	126	6.7	59	29	1069	4.02	42	17	ND	7	38	1	17	19	59	.48	.085	41	58	.89	171	.06	38	1.96	.06	.13	13

SAMP#	MC	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	V	Mg	Th	Si	Ca	SD	Bi	V	Ca	P	La	Ct	Hg	Ba	Li	B	Al	Na	K	N
PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
BL 88 234	2	5	24	63	.2	5	3	135	5.72	2	5	ND	2	8	1	2	2	101	.10	.035	7	19	.15	.46	.14	12	1.21	.01	.02	1
BL 88 235	4	29	25	285	.3	18	9	856	5.53	24	5	ND	2	12	2	2	2	99	.12	.943	9	38	.58	117	.15	5	2.30	.02	.05	1
BL 88 236	6	24	35	90	.8	9	4	234	6.52	15	5	ND	3	8	3	2	2	117	.07	.399	6	32	.30	31	.17	3	2.42	.01	.04	1
BL 88 237	3	10	34	76	.4	7	3	205	4.85	15	5	ND	2	6	1	2	2	121	.06	.057	7	23	.19	35	.17	3	1.66	.01	.04	1
BL 88 238	3	15	21	47	.8	16	5	137	4.72	7	5	ND	4	7	2	2	2	102	.15	.071	16	56	.63	58	.42	5	4.99	.02	.05	3
BL 88 239	3	14	22	69	.4	7	4	208	2.10	2	5	ND	1	13	1	2	2	60	.17	.015	10	18	.43	55	.13	16	2.14	.01	.04	1
BL 88 240	5	31	36	192	.8	15	7	322	6.70	22	5	ND	2	11	2	2	2	118	.15	.057	8	38	.45	91	.21	5	2.94	.01	.02	1
BL 88 241	3	18	24	115	.3	10	5	278	4.14	14	5	ND	1	16	2	2	3	31	.25	.043	9	23	.24	103	.04	4	1.75	.01	.02	1
BL 88 242	3	15	26	101	.1	8	7	294	4.56	6	5	ND	1	20	2	2	2	110	.26	.033	10	22	.22	88	.17	3	1.33	.01	.01	1
BL 88 243	4	13	43	137	.5	15	6	462	7.22	6	5	ND	3	11	3	2	2	163	.14	.063	7	43	.25	76	.36	3	1.66	.01	.04	1
BL 88 244	4	94	136	261	1.2	25	22	495	5.54	24	5	ND	2	15	3	2	2	61	.25	.036	16	36	.42	100	.29	5	3.04	.01	.05	1
BL 88 245	4	23	38	172	.1	16	7	315	5.85	45	5	ND	1	12	2	2	2	86	.10	.022	10	29	.46	69	.11	5	2.64	.01	.01	4
BL 88 246	5	21	24	131	.2	13	10	637	4.90	15	5	ND	2	11	2	2	2	80	.11	.072	12	23	.26	70	.07	6	2.44	.01	.04	1
BL 88 247	3	10	16	80	.3	6	4	175	3.31	10	5	ND	3	5	1	2	2	68	.04	.030	10	14	.12	35	.03	3	1.55	.01	.02	1
BL 88 248	3	23	29	143	.5	16	6	304	4.03	38	5	ND	2	10	1	2	2	67	.10	.041	9	25	.41	65	.04	5	1.99	.01	.07	1
BL 88 249	5	19	30	509	.3	23	10	966	6.32	20	5	ND	3	9	2	2	2	95	.10	.051	12	42	.44	117	.07	4	2.90	.01	.06	1
BL 88 250	3	43	29	94	.5	20	6	390	4.99	33	5	ND	1	14	2	2	2	56	.24	.070	8	31	.47	41	.04	4	2.27	.01	.04	1
BL 88 251	3	27	40	206	.4	35	9	442	5.73	42	5	ND	2	15	2	2	3	84	.18	.051	10	46	.60	110	.07	7	2.85	.01	.09	1
BL 88 252	3	46	42	159	.5	24	11	410	4.43	100	5	ND	2	11	2	3	2	60	.17	.076	5	28	.48	46	.05	4	3.27	.01	.05	2
BL 88 253	5	32	29	38	.9	14	4	131	5.45	17	5	ND	2	16	3	2	3	82	.12	.047	12	23	.15	72	.05	5	1.47	.01	.06	1
BL 88 254	4	24	73	153	.7	32	7	273	6.35	42	5	ND	3	19	3	2	2	118	.18	.044	17	25	.09	180	.08	5	1.05	.01	.07	1
BL 88 255	3	22	28	90	.5	13	5	210	5.25	36	5	ND	2	14	2	2	2	114	.13	.033	8	26	.26	53	.06	6	1.93	.01	.05	1
BL 88 256	4	21	27	82	.3	13	5	177	4.65	28	5	ND	1	11	2	2	2	84	.09	.056	8	25	.19	56	.03	4	1.89	.01	.04	1
BL 88 257	3	33	107	195	.5	29	9	739	5.38	163	5	ND	1	17	3	2	2	81	.13	.076	20	35	.17	71	.03	5	1.86	.01	.04	1
BL 88 258	2	34	73	178	.9	19	7	452	3.34	30	5	ND	1	30	2	2	2	69	.19	.053	17	30	.74	123	.01	3	3.62	.01	.10	1
TR 88 135	5	37	54	161	.8	15	8	559	5.55	29	5	ND	1	35	3	2	2	73	.32	.109	10	25	.52	63	.02	4	2.31	.01	.09	2
TR 88 140	7	36	49	142	.9	14	16	1475	4.65	22	5	ND	2	26	2	2	4	75	.16	.073	15	28	.57	72	.07	5	3.16	.01	.10	1
TR 88 141	4	39	45	325	.2	27	8	697	4.21	17	5	ND	1	22	2	2	2	53	.12	.086	12	30	.72	88	.03	4	3.81	.01	.10	1
TR 88 142	4	194	48	377	.6	28	10	1610	4.29	29	5	ND	3	24	3	2	2	69	.13	.060	17	39	.82	135	.17	8	5.08	.01	.13	2
TR 88 143	5	96	68	266	.7	28	19	1408	5.86	49	5	ND	2	37	3	2	3	55	.16	.142	12	28	.76	96	.02	5	3.67	.02	.13	3
TR 88 144	4	62	59	156	1.4	15	17	2047	5.40	28	5	ND	2	35	2	2	2	69	.11	.096	11	25	.56	74	.05	5	3.02	.01	.07	3
TR 88 145	5	128	76	224	1.0	28	62	4497	9.61	34	6	ND	9	30	3	2	6	58	.05	.132	17	41	.71	71	.04	7	3.05	.01	.11	2
TR 88 146	5	90	66	138	1.0	12	10	914	7.01	44	5	ND	5	23	2	2	6	77	.06	.086	13	28	.35	61	.05	5	3.51	.01	.09	2
TR 88 147	6	91	98	221	1.4	25	17	1660	9.32	44	7	ND	5	41	3	2	6	68	.06	.131	22	43	.58	90	.03	4	3.24	.01	.12	3
STD C	20	61	42	132	7.5	71	30	1070	4.11	44	21	8	39	52	19	17	19	60	.48	.091	39	60	.92	183	.06	35	2.01	.06	.14	13

SAMPLE#	NO	CU	Pb	Zn	AG	NI	CO	Mn	Fe	AS	Y	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CT	MG	Ba	TI	S	Al	Na	K	Y
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	\$	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	\$	\$	PPM	PPM	\$	PPM	\$	PPM	\$	PPM	\$	PPM
TS 88 155	7	180	107	267	.6	37	20	52.2	11.62	84	5	ND	1	51	4	2	4	73	.02	163	35	53	.54	127	.01	4	3.77	.03	.13	1
TS 88 159	3	189	227	176	3.1	23	14	1067	19.31	45	5	ND	1	56	4	3	13	70	.02	137	27	48	.35	113	.01	5	2.97	.02	.10	1
TS 88 150	6	194	110	356	1.1	30	30	2563	9.62	37	5	ND	1	58	5	4	5	71	.06	172	16	37	.49	96	.02	7	3.57	.01	.05	1
TS 88 151	8	245	355	137	.7	14	22	1676	11.18	77	5	ND	1	63	5	5	11	71	.04	124	22	43	.50	93	.02	4	3.53	.01	.05	1
TS 88 152	12	134	405	178	.6	16	5	853	7.83	79	5	ND	1	63	3	6	17	78	.03	098	17	41	.17	85	.01	4	1.98	.01	.05	1
TS 88 153	9	234	105	313	1.0	13	16	1500	6.55	52	5	ND	1	117	4	5	27	71	.12	110	19	28	.56	144	.03	4	2.35	.01	.09	1
TS 88 154	5	242	73	217	1.0	20	6	473	9.50	57	5	ND	1	101	4	3	16	81	.06	158	15	46	.41	112	.03	5	3.28	.01	.08	1
TS 88 155	4	58	57	199	.5	9	14	1574	5.16	12	5	ND	1	58	3	3	2	85	.13	077	7	28	.52	111	.09	4	4.10	.01	.03	1
TS 88 156	5	94	54	267	.8	16	11	1332	6.25	15	5	ND	1	47	3	2	4	82	.14	095	9	36	.65	114	.09	3	4.32	.01	.05	1
TS 88 157	5	159	74	258	.3	35	12	959	7.75	43	5	ND	1	59	4	6	10	79	.06	114	12	43	.62	115	.05	4	5.27	.01	.08	2
TS 88 158	5	57	75	315	.9	16	10	1171	6.12	28	5	ND	1	93	3	4	5	92	.17	070	9	29	.82	87	.05	5	4.61	.01	.05	2
TS 88 159	3	87	65	233	1.3	10	7	638	5.00	19	5	ND	1	77	2	3	3	82	.13	037	8	23	.57	79	.05	4	5.03	.01	.05	1
TS 88 160	5	154	143	256	4.0	12	3	835	7.50	47	5	ND	1	125	4	4	34	91	.11	110	18	50	.64	167	.05	5	3.39	.02	.11	1
TS 88 161	4	107	104	341	1.0	17	14	1194	5.55	27	5	ND	1	131	3	2	7	98	.21	088	10	29	.89	116	.09	4	4.22	.02	.10	1
TS 88 162	5	109	207	398	1.1	37	18	566	10.39	116	5	ND	1	142	5	4	7	113	.24	125	17	61	1.32	120	.14	4	4.04	.04	.09	1
TS 88 163	5	104	232	1055	.7	20	21	1594	6.02	60	5	ND	5	152	4	2	3	53	.40	099	26	21	.89	131	.01	4	3.35	.01	.13	1
TS 88 164	7	191	195	666	1.2	35	44	3255	7.94	115	5	ND	1	397	4	2	4	75	.30	070	16	26	.39	130	.04	4	5.89	.02	.12	1
TS 88 165	4	116	104	340	.5	15	17	1112	5.20	45	5	ND	1	182	2	2	4	79	.21	032	10	21	.59	103	.07	4	4.74	.02	.07	1
TS 88 166	7	105	322	812	.6	46	70	4911	6.21	81	5	ND	1	212	5	2	3	62	.21	067	27	46	.86	106	.01	3	4.53	.03	.12	3
TS 88 167	2	15	28	224	.1	37	16	1334	3.31	16	5	ND	2	965	2	2	2	71	.53	031	18	82	1.05	257	.01	2	4.07	.02	.19	1
TS 88 168	3	68	72	295	.6	24	15	1566	4.82	31	5	ND	1	170	3	2	2	80	.31	070	11	30	.91	123	.05	3	4.06	.01	.08	1
TS 88 169	3	94	65	314	.4	20	15	1562	5.04	17	5	ND	2	214	3	3	2	94	.76	075	15	23	1.18	127	.05	3	4.32	.02	.08	1
TS 88 170	3	136	102	398	.7	19	21	2414	5.50	15	5	ND	1	197	4	2	3	103	1.11	071	14	20	1.59	103	.08	3	3.74	.03	.10	1
TS 88 171	2	54	67	256	.5	14	19	2015	5.23	15	5	ND	3	277	3	5	2	97	.88	075	11	16	1.41	108	.07	3	4.53	.03	.12	3
TS 88 172	3	53	86	271	.6	15	21	2381	5.89	10	5	ND	3	286	4	5	2	122	1.63	073	13	18	1.70	99	.10	3	5.65	.05	.14	2
TS 88 173	3	98	58	223	.4	15	24	2043	4.75	15	5	ND	3	319	3	4	2	81	1.54	070	14	14	1.21	120	.05	3	5.85	.04	.16	1
TS 88 174	3	91	201	302	.7	39	44	2881	4.57	28	5	ND	5	331	3	5	2	80	.85	061	16	50	1.15	136	.05	3	4.64	.03	.20	4
TS 88 175	2	50	51	160	.1	14	13	1290	3.97	23	5	ND	3	88	2	2	3	60	.60	047	11	17	.67	70	.07	4	1.76	.03	.10	1
TS 88 176	4	53	97	293	.2	47	42	3820	4.86	46	5	ND	4	106	3	2	2	69	.54	046	33	44	1.06	243	.03	4	2.28	.01	.08	1
TS 88 177	8	69	75	217	.1	47	39	2541	4.53	51	5	ND	5	45	3	2	2	61	.74	046	27	45	.92	227	.01	2	2.94	.01	.10	1
TS 88 178	18	73	265	331	.4	51	30	3672	5.29	55	5	ND	5	111	4	3	2	69	1.02	055	12	22	1.05	211	.02	4	3.43	.01	.12	1
TS 88 179	3	111	64	188	.3	18	24	2784	4.87	11	5	ND	4	212	3	4	2	94	2.14	068	15	24	1.58	119	.02	4	5.15	.04	.19	1
TS 88 180	3	58	59	210	.2	15	26	2867	5.25	12	5	ND	3	469	3	3	2	91	1.65	063	12	16	1.32	128	.05	3	4.71	.04	.13	2
TS 88 181	4	76	58	204	.4	13	20	1931	5.29	20	5	ND	2	231	3	4	2	89	.94	070	10	16	1.29	92	.08	4	4.46	.04	.11	1
TS 88 182	3	105	77	250	.5	37	20	1863	5.38	14	5	ND	1	186	3	2	2	99	.51	068	13	75	1.81	150	.09	4	4.17	.04	.08	1
TS 88 183	3	61	43	143	.5	17	12	956	4.27	18	5	ND	1	85	2	4	2	72	.34	057	9	22	.86	93	.08	4	3.54	.02	.08	2
STD C	20	62	41	132	7.1	71	31	1055	4.06	44	20	ND	8	52	20	17	18	61	.48	082	42	59	.96	163	.07	34	1.95	.06	.15	13

SAMPLE#	NO	CU	ZB	Zn	Ag	NI	CO	UN	SE	AS	V	CR	NI	NA	K	F														
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM														
78 88 134	2	58	51	145	.3	17	14	1082	4.28	17	5	HD	2	77	1	3	2	72	.31	.072	8	24	.83	35	.07	2	3.22	.02	.05	1
78 88 135	2	43	39	140	.5	15	9	689	3.85	19	5	HD	2	41	1	2	2	60	.22	.060	5	19	.70	74	.05	2	2.56	.01	.09	1
78 88 136	3	70	40	43	.7	10	4	211	2.49	8	5	HD	1	11	1	2	2	49	.08	.059	10	15	.19	47	.06	2	2.06	.01	.03	1
78 88 139	5	31	45	37	.4	10	4	357	5.39	13	5	HD	3	10	1	2	2	84	.10	.039	7	30	.42	58	.25	2	2.44	.01	.07	1
78 88 190	5	46	41	78	1.5	9	12	654	3.22	6	5	HD	1	19	1	2	2	55	.18	.063	14	23	.31	53	.11	2	2.75	.01	.05	1
78 88 191	4	24	29	62	1.0	10	4	227	7.45	19	5	HD	1	12	1	2	2	138	.07	.035	5	27	.13	52	.17	4	1.77	.01	.05	1
78 88 192	5	57	37	57	1.5	8	5	248	4.31	26	5	HD	2	20	1	2	2	73	.16	.045	14	27	.25	53	.13	15	3.25	.01	.06	1
78 88 193	5	37	39	61	.3	8	4	215	5.16	25	5	HD	1	9	1	2	2	36	.05	.045	5	25	.27	36	.06	2	3.39	.01	.04	1
78 88 194	5	34	40	155	.5	27	13	1015	4.87	23	5	HD	1	13	1	2	2	58	.07	.066	12	33	.73	65	.02	2	2.72	.01	.11	1
78 88 195	5	67	40	139	.3	24	9	535	5.48	27	5	HD	3	17	1	2	3	72	.07	.041	9	37	.53	70	.04	3	2.22	.01	.09	3
78 88 196	5	100	48	166	.4	35	17	877	5.44	33	5	HD	5	25	1	2	3	65	.11	.065	11	41	.98	134	.04	2	3.44	.01	.14	6
78 88 197	4	56	35	193	1.0	12	6	420	4.92	12	5	HD	1	29	1	2	2	76	.15	.057	5	25	.56	34	.07	2	3.19	.01	.04	1
78 88 198	5	63	41	34	1.1	13	9	465	5.84	17	5	HD	1	22	1	2	3	82	.13	.036	13	25	.34	53	.13	2	2.52	.01	.09	1
78 88 199	3	145	37	198	1.1	17	12	1132	4.99	20	5	HD	1	23	1	2	3	87	.19	.084	9	26	.37	92	.04	2	2.20	.01	.08	1
78 88 200	16	74	36	78	.6	13	10	673	4.57	5	5	HD	1	20	1	2	2	83	.11	.073	12	26	.25	90	.07	3	1.77	.01	.06	1
78 88 201	37	56	36	110	.5	15	6	439	6.43	21	7	HD	2	25	1	2	2	85	.19	.069	9	27	.49	75	.08	12	2.41	.01	.08	1
78 88 202	24	95	37	102	1.1	14	22	735	4.48	9	7	HD	1	22	1	2	2	71	.13	.065	15	28	.47	63	.08	2	4.15	.01	.09	1
78 88 203	6	25	34	73	.3	9	5	471	5.37	13	5	HD	1	14	1	2	2	106	.07	.055	6	27	.25	60	.16	2	1.96	.01	.06	1
78 88 204	4	45	36	110	.4	12	7	455	4.86	26	5	HD	1	18	1	2	2	67	.13	.095	5	23	.48	55	.05	3	3.01	.01	.04	1
78 88 205	4	75	51	135	.6	17	16	1579	5.63	26	5	HD	1	58	1	2	6	57	.16	.138	10	24	.47	134	.01	2	2.39	.01	.11	2
78 88 206	3	434	50	187	5.0	10	12	1155	21.73	16	8	HD	2	22	1	2	2	32	.06	.212	22	15	.22	36	.01	2	2.68	.01	.05	2
78 88 207	3	43	33	101	1.6	9	6	621	6.06	11	5	HD	1	19	1	2	2	91	.10	.064	6	26	.41	42	.11	2	2.57	.01	.04	1
78 88 208	2	72	34	143	1.4	11	10	1587	5.40	15	5	HD	1	32	1	2	3	91	.11	.059	9	26	.50	46	.08	2	2.31	.01	.09	1
78 88 209	3	192	41	92	2.5	8	7	219	3.27	16	5	HD	1	42	1	2	3	43	.05	.109	21	30	.28	55	.01	2	3.88	.01	.09	1
78 88 210	1	421	29	205	1.0	14	832	67759	15.37	23	8	HD	7	22	2	2	2	38	.04	.080	11	8	.01	304	.02	2	1.43	.01	.06	1
78 88 211	3	101	153	321	2.4	20	35	2335	6.46	104	5	HD	1	84	1	2	2	82	.09	.173	10	42	.44	72	.02	2	2.97	.01	.10	1
78 88 212	9	758	41	133	.4	79	11	316	11.71	68	10	HD	30	17	1	2	2	44	.03	.191	10	26	.20	170	.01	2	4.33	.01	.07	2
78 88 213	3	94	73	208	.4	27	13	766	5.30	45	5	HD	2	72	1	2	3	84	.16	.104	6	33	.68	94	.09	7	3.78	.01	.04	1
78 88 214	4	134	50	192	.5	54	21	893	7.14	63	5	HD	3	24	1	2	2	69	.09	.133	12	41	.76	78	.05	7	3.81	.01	.07	1
78 88 215	2	42	44	123	.5	20	9	796	4.93	27	5	HD	1	25	1	2	2	76	.11	.115	8	29	.48	67	.09	7	2.47	.01	.06	1
78 88 216	2	75	90	267	1.3	21	20	1664	5.40	31	5	HD	2	160	1	2	2	82	.53	.098	9	21	.92	87	.05	7	3.35	.02	.17	1
78 88 217	3	54	98	335	.3	22	19	1943	4.73	20	5	HD	1	232	1	2	2	82	.97	.131	7	28	1.10	111	.03	6	3.07	.02	.21	1
78 88 218	4	57	82	269	.3	21	17	1897	4.58	25	5	HD	2	201	1	3	2	79	.83	.105	7	7	.98	118	.03	20	3.07	.02	.19	2
78 88 219	6	26	41	98	.4	10	15	3316	3.56	13	5	HD	1	81	1	3	2	66	.97	.150	9	18	.32	75	.03	10	1.48	.01	.07	1
78 88 220	2	45	40	126	.4	11	12	1290	3.03	9	5	HD	1	136	1	2	2	55	.42	.151	8	14	.53	99	.02	2	3.26	.02	.07	1
STD C	19	62	44	131	7.4	73	31	1083	4.06	41	21	7	40	53	19	17	20	61	.49	.087	42	61	.92	179	.07	38	2.01	.06	.15	11

SMPL#	NO	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Cr	P	La	Ce	Hf	Ba	Tl	Al	Si	K	V	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
AP 88 245	1	25	10	105	.1	18	11	688	3.18	19	5	ND	2	49	1	2	2	40	.42	.049	7	13	.37	192	.01	4	1.01	.01	.10	1
AP 88 246	1	24	12	115	.2	18	11	639	3.25	20	5	ND	3	46	1	3	2	43	.40	.051	7	14	.37	189	.01	3	1.02	.01	.11	1
AP 88 247	1	15	9	84	.2	16	9	906	3.38	28	5	ND	1	61	1	2	2	45	.48	.045	7	14	.21	184	.01	5	.75	.01	.09	1
BU 88 55 175	2	34	14	143	.2	53	16	1467	4.55	13	5	ND	1	54	1	2	2	44	.46	.048	9	25	.48	221	.01	4	1.63	.01	.10	1
BU 88 55 176 P	2	29	12	127	.2	43	13	1011	4.58	16	5	ND	2	40	1	2	2	48	.37	.046	9	23	.48	155	.02	3	1.47	.01	.10	1
BU 88 55 177 P	2	30	12	124	.2	44	14	1033	4.64	8	5	ND	2	42	1	2	2	47	.39	.047	10	23	.54	183	.02	3	1.53	.01	.12	1
BU 88 55 178 P	1	27	12	126	.2	45	13	1078	4.47	16	5	ND	2	47	1	2	2	48	.37	.043	10	26	.49	188	.01	3	1.89	.02	.12	2
BU 88 55 179 P	1	26	15	125	.3	47	15	1471	4.80	10	5	ND	2	50	1	2	2	50	.40	.047	9	28	.57	207	.01	4	2.00	.02	.11	1
MR 88 37 P	1	22	12	105	.3	32	11	1260	4.01	12	5	ND	2	44	1	2	2	45	.40	.044	10	20	.49	190	.02	6	1.68	.01	.11	2
RR 88 38 P	1	29	12	113	.2	43	13	1013	4.07	12	5	ND	1	45	1	2	2	43	.37	.043	9	22	.46	172	.01	3	1.59	.01	.09	1
JS 88 22 P	2	78	94	286	.8	24	12	1292	4.23	23	5	ND	3	68	1	2	2	61	.39	.070	9	23	.92	85	.05	3	2.68	.02	.14	2
JS 88 23 P	2	53	36	178	.4	29	13	1097	4.36	25	5	ND	4	21	1	2	2	59	.19	.046	12	29	.71	113	.04	2	1.83	.01	.20	2
JS 88 24 P	2	65	50	267	.7	43	16	1327	4.93	40	5	ND	4	20	1	2	2	65	.19	.043	14	31	.60	131	.03	3	1.34	.01	.21	1
JS 88 25 P	2	57	56	277	.5	40	16	1305	4.56	63	5	ND	4	20	2	3	2	58	.18	.044	14	32	.58	110	.03	2	1.34	.01	.16	1
JS 88 26 P	3	79	51	271	.5	36	15	1152	4.88	76	5	ND	5	20	1	2	4	62	.18	.048	13	32	.56	104	.03	3	1.28	.01	.16	2
JS 88 27 P	3	77	49	263	.5	34	14	1138	4.58	77	5	ND	4	20	1	2	3	58	.19	.047	13	30	.57	104	.03	4	1.29	.01	.16	2
JS 88 28 P	4	186	50	426	.8	35	48	3676	4.84	65	5	ND	5	20	2	3	5	54	.13	.053	14	27	.54	75	.03	3	2.88	.01	.15	1
JS 88 29 P	3	151	65	232	1.1	15	31	1611	7.88	16	5	ND	2	74	1	2	5	65	.18	.072	11	20	.69	59	.03	6	2.52	.02	.10	2
SMD C	19	62	43	133	7.3	72	30	1062	4.21	43	22	8	39	51	19	18	20	60	.49	.088	40	58	.95	179	.07	33	1.98	.06	.17	13

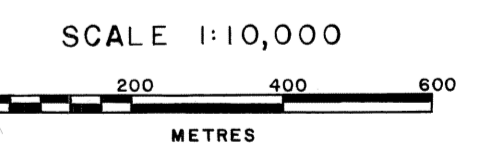
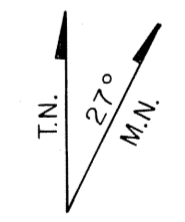


LEGEND

- Claim Line
 - Claim Post
 - Contour Soil Line
 - Lake
 - Silt Sample
 - 0 - 1.0 ppm Background
 - 1.1 - 2.0 ppm Anomalous
 - 2.0 ppm Highly Anomalous
- values contoured at 1.0, 2.0 ppm

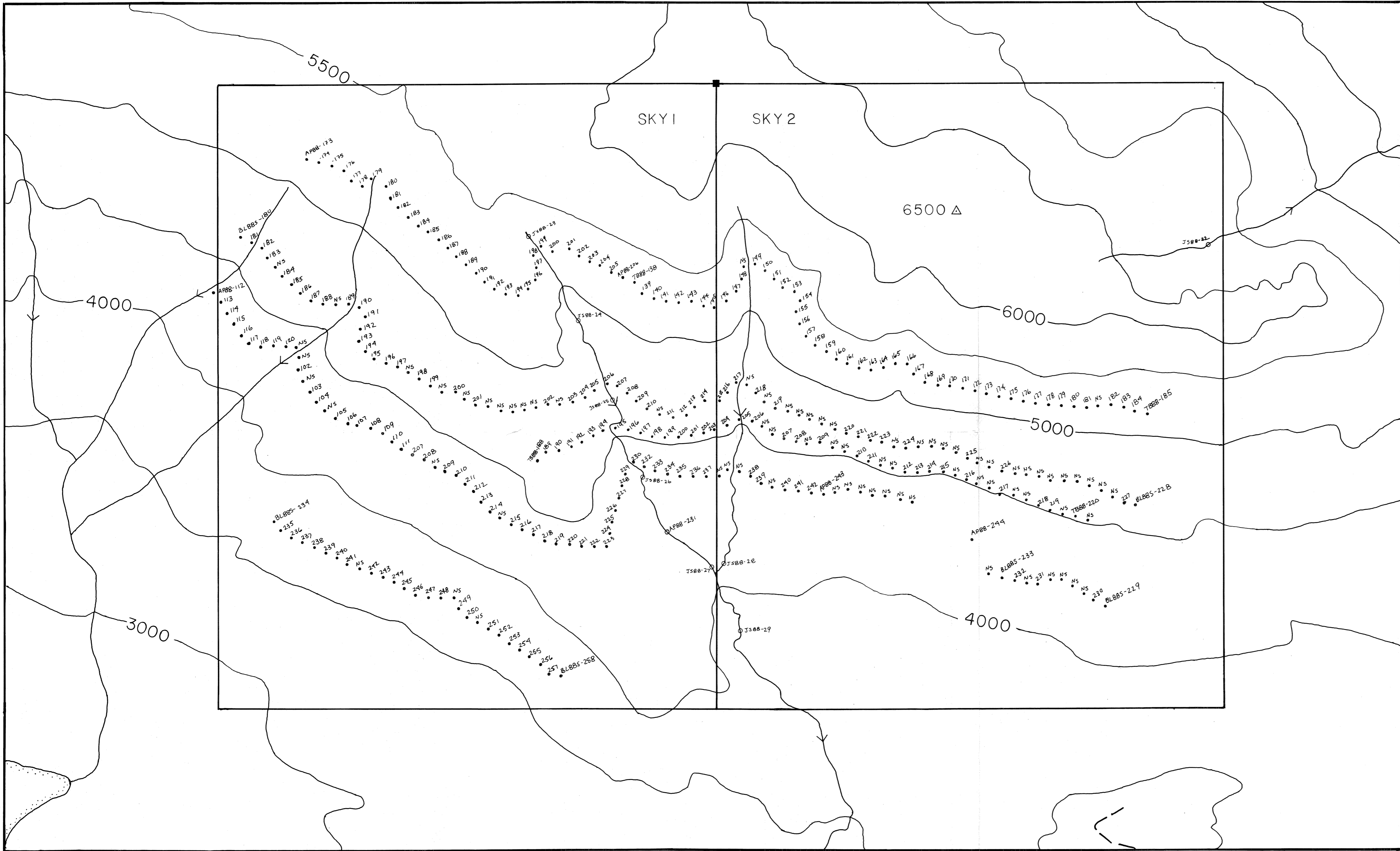
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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GEOSTAR MINING CORPORATION

SKY CLAIMS
SOIL GEOCHEMISTRY
- SILVER -

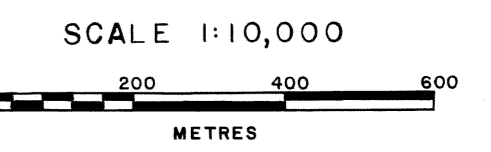
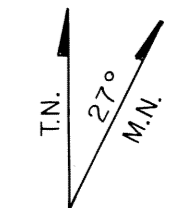


LEGEND

-  Claim Line
-  Claim Post
-  Contour Soil Line
-  Lake
-  Silt Sample

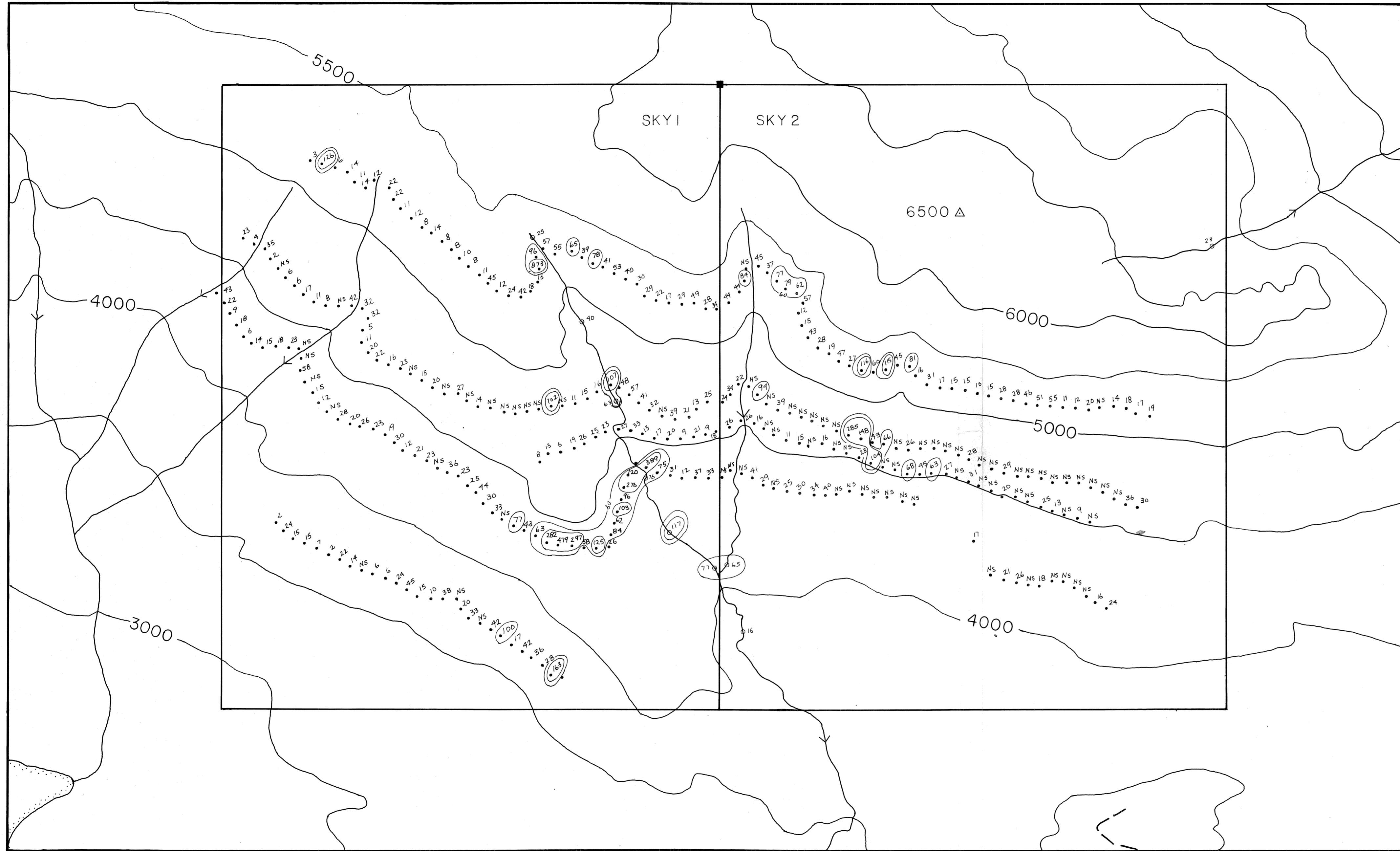
GEOLOGICAL BRANCH
ASSESSMENT REPORT

17-993



GEOSTAR MINING CORPORATION

SKY CLAIMS
SAMPLE SITES

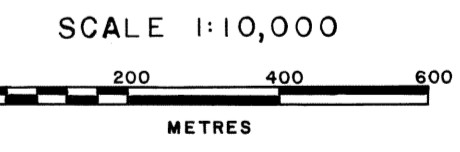
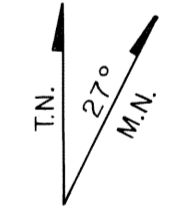


LEGEND

- Claim Line
 - Claim Post
 - Contour Soil Line
 - Lake
 - Silt Sample
 - 0 - 60 ppm Background
 - 61 - 100 ppm Anomalous
 - > 100 ppm Highly Anomalous
- values contoured at 60, 100 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

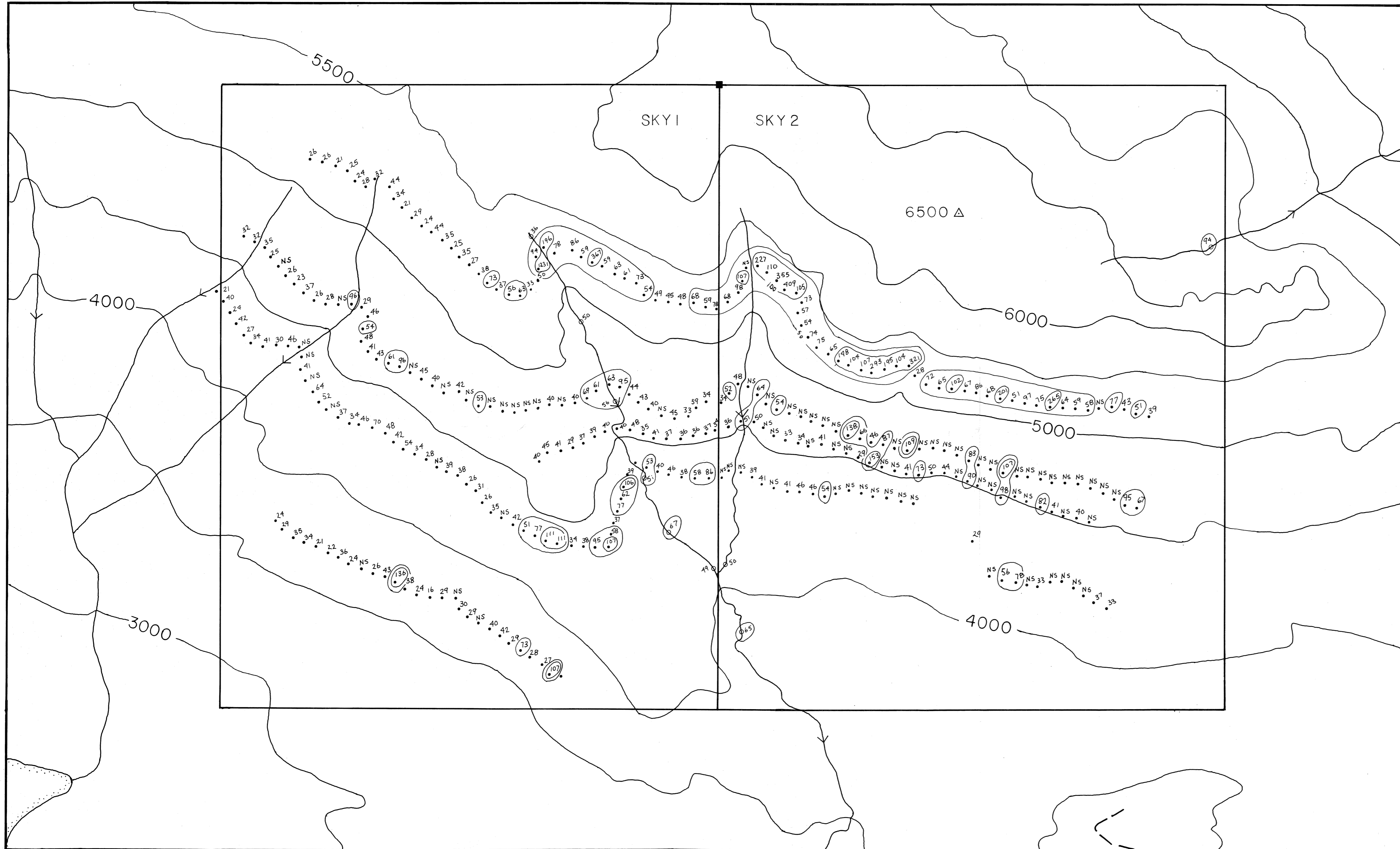
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GEOSTAR MINING CORPORATION

SKY CLAIMS
SOIL GEOCHEMISTRY
— ARSENIC —

CUN MGMT. INC. 93E/11 OCT./88 FIGURE NO. 8

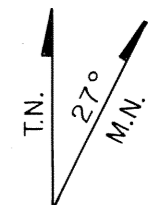


LEGEND

- Claim Line
 - Claim Post
 - ... Contour Soil Line
 - Lake
 - Silt Sample
 - 0 - 50 ppm Background
 - 51 - 100 ppm Anomalous
 - > 100 ppm Highly Anomalous
- values contoured at 50, 100 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SCALE 1:10,000

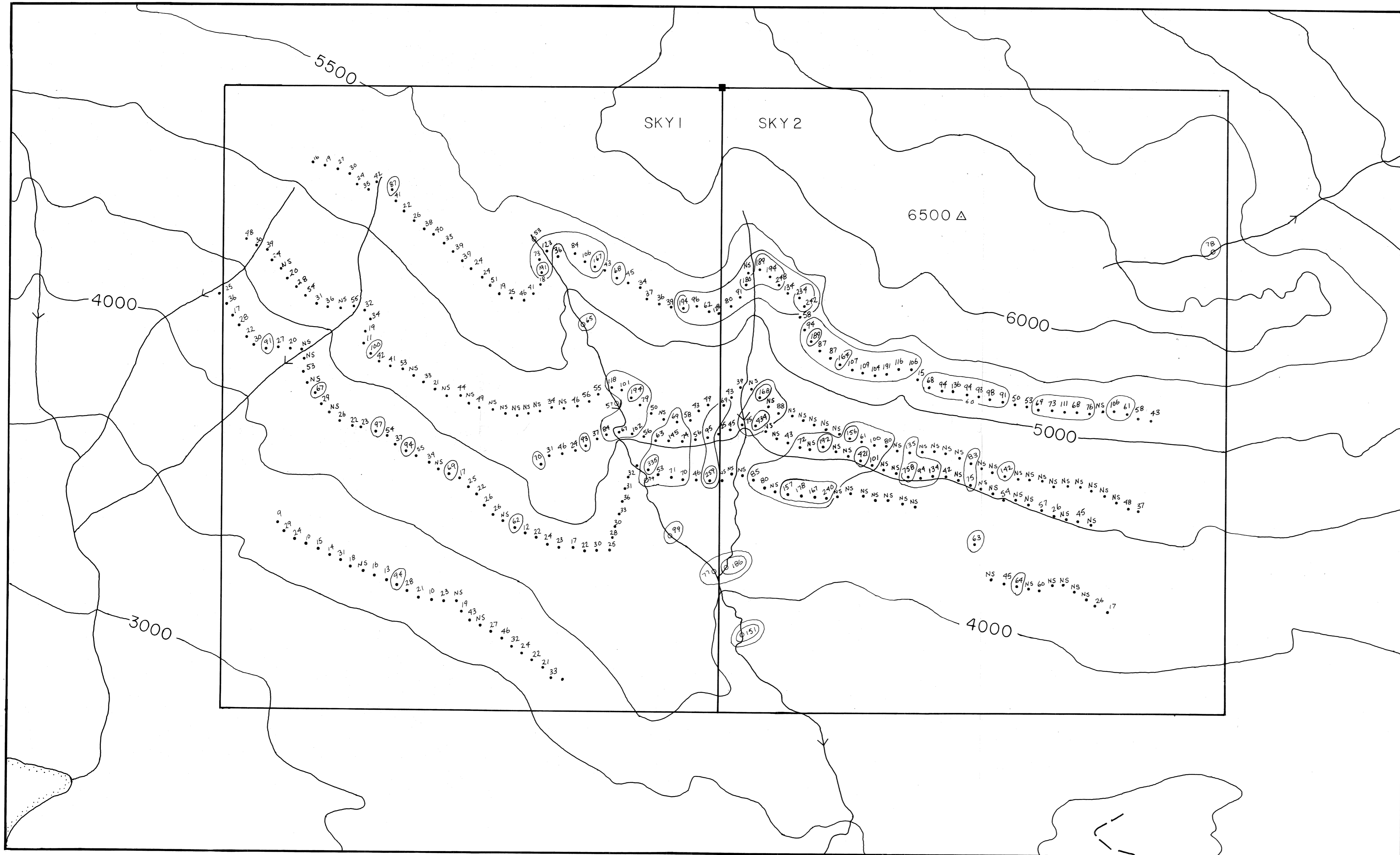


GEOSTAR MINING CORPORATION

SKY CLAIMS

SOIL GEOCHEMISTRY

— LEAD —

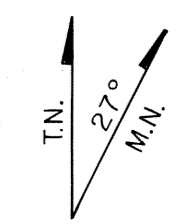


LEGEND

- Claim Line
 - Claim Post
 - ... Contour Soil Line
 - Lake
 - Silt Sample
 - 0 - 60 ppm Background
 - 61 - 100 ppm Anomalous
 - > 100 ppm Highly Anomalous
- values contoured at 60, 100 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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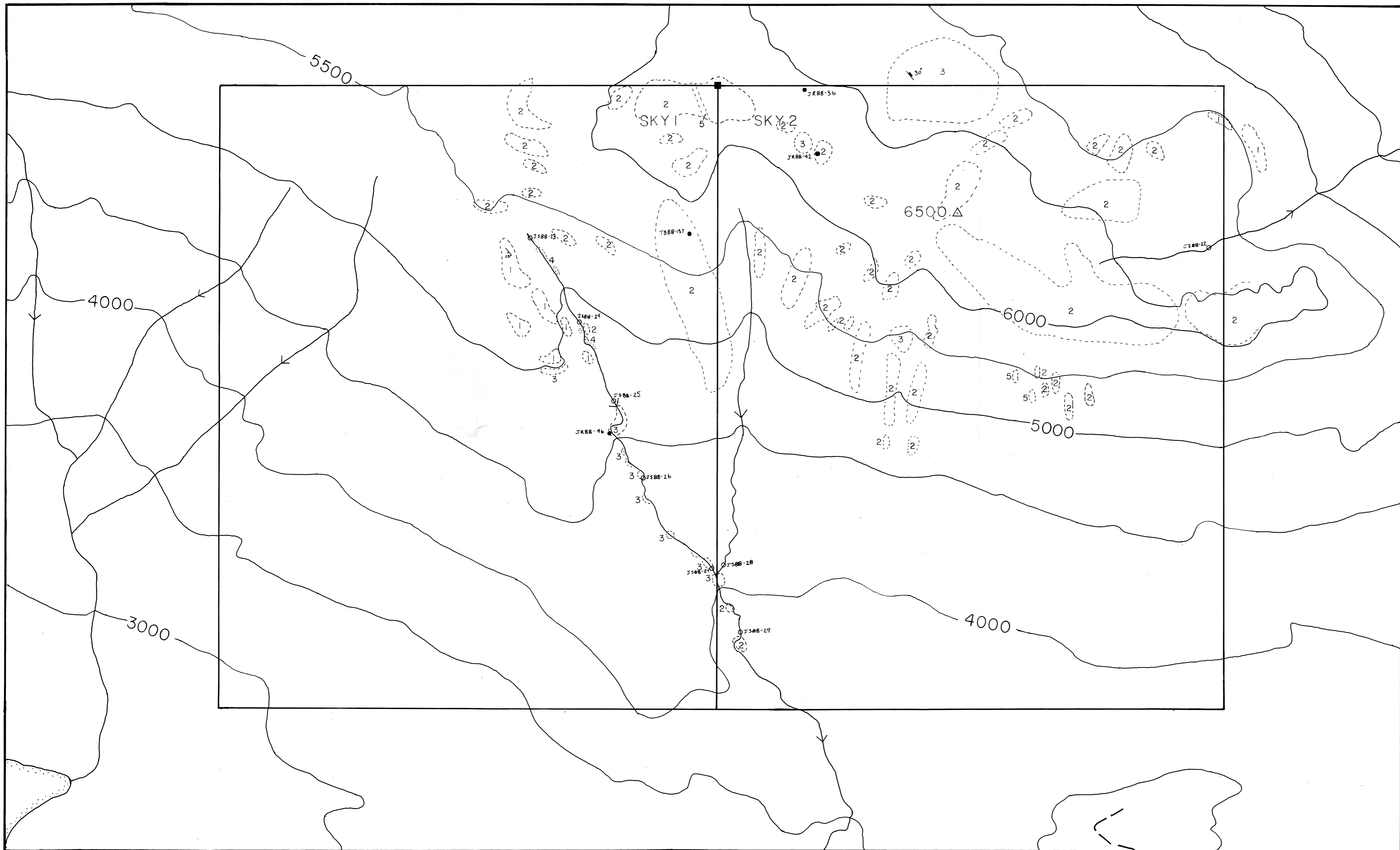


SCALE 1:10,000



GEOSTAR MINING CORPORATION

SKY CLAIMS
SOIL GEOCHEMISTRY
- COPPER -

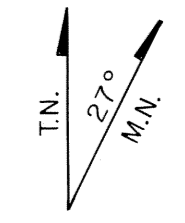


LEGEND

- | | | | |
|---|-----------------------------|---|----------------------------|
| 1 | Bedded Tuffs | — | Claim Line |
| 2 | Andesite | ■ | Claim Post |
| 3 | Intrusive | ○ | Silt Sample |
| 4 | Andesite, Feldspar Porphyry | ⊙ | Lake |
| 5 | Dacite, Feldspar Porphyry | ○ | Outcrop |
| | | ● | Rock Sample |
| | | ↘ | Strike and Dip of: Bedding |
| | | ↗ | Joints |

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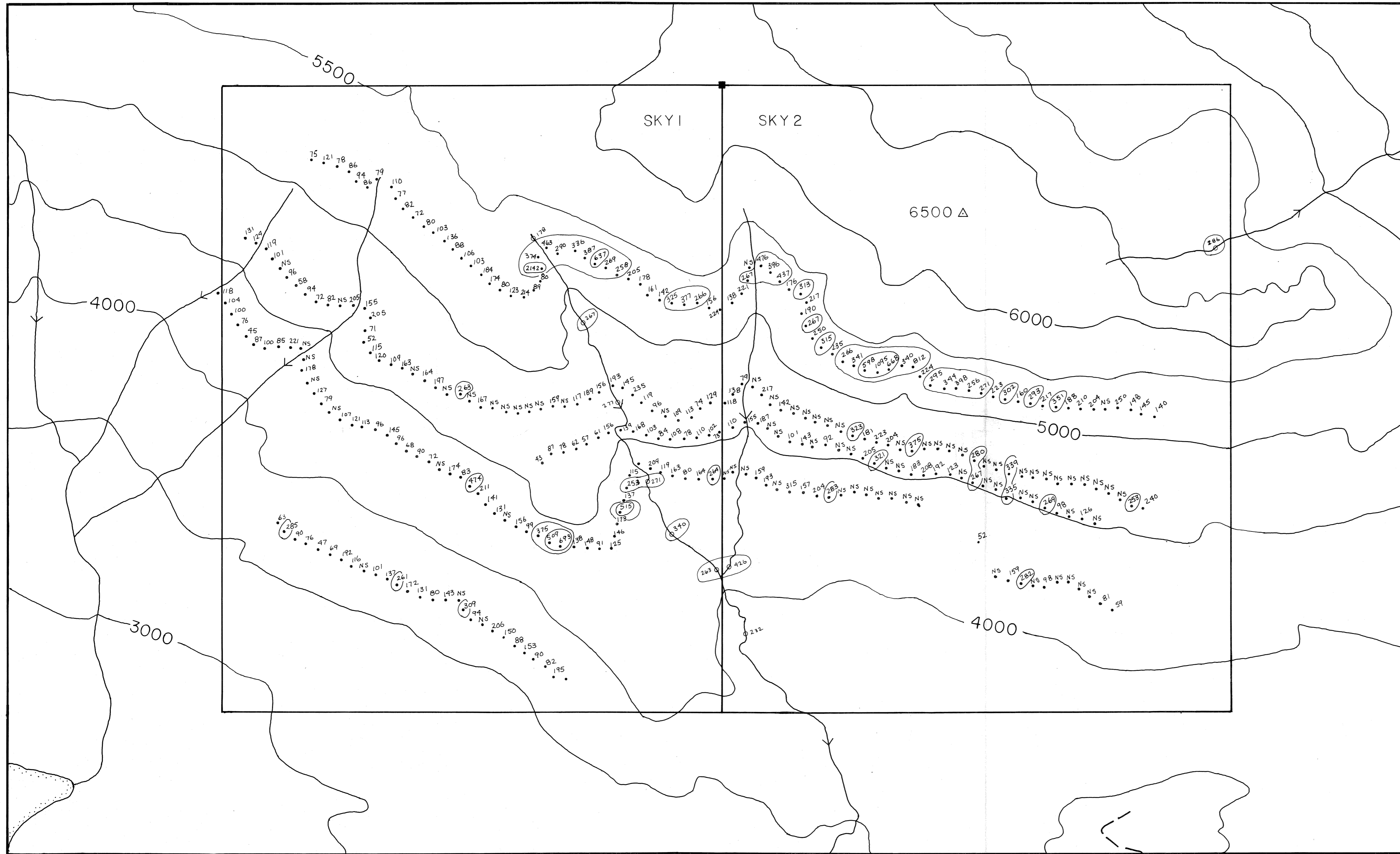


SCALE 1:10,000



GEOSTAR MINING CORPORATION

SKY CLAIMS
GEOLOGY
& SILT SAMPLES

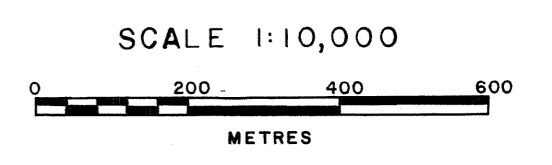
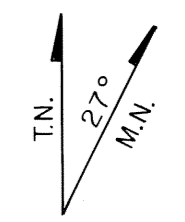


LEGEND

- Claim Line
 - Claim Post
 - Contour Soil Line
 - Lake
 - Silt Sample
 - - 250 ppm Background
 - - 251 - 500 ppm Anomalous
 - - 500 ppm Highly Anomalous
- values contoured at 250, 500 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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GEOSTAR MINING CORPORATION

SKY CLAIMS
SOIL GEOCHEMISTRY
— ZINC —

CUN MGMT. INC. 93E/11 OCT./88 FIGURE NO. 6