

86-99-15069

ASSESSMENT REPORT
PROSPECTING AND GEOCHEMICAL SURVEY ON THE
GACHO, SUET, CALI, YETI, PIKA, DALL AND PAW
MINERAL CLAIMS

Toodoggone River Area
Liard Mining Division, B.C.

NTS 94E/11 W
Latitude 57°35'N
Longitude 127°22'W

For

Operator: The Toodoggone Syndicate
1509 - 609 Granville Street
Vancouver, B.C.
V7Y 1C6



Owner: Clive Ashworth

By

Malcolm Bell
Hi-Tec Resource Management Ltd.
1509 - 609 Granville Street
Vancouver, B.C.
V7Y 1C6

December 30, 1985

Work Done: September 02 to 07, 1985

GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,069

80-19

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SUMMARY

The Gacho, Suet, Cali, Yeti, Pika, Dall and Paw claims, collectively known as the Claw Mountain Group, are held under joint venture by The Toodoggone Syndicate. The claims are located in the Toodoggone River area of north-central B.C., approximately 300 kilometers north of the town of Smithers. Access is by fixed-wing aircraft and helicopter.

The Toodoggone River area is an epithermal precious metals district. Known deposits include the Baker gold-silver mine and the Lawyers deposit which has a reported reserve of more than 1 million tonnes with a grade of 7.27 grams/tonne gold and 254 grams/tonne silver. The Lawyers deposit and several other significant gold-silver prospects in the area are hosted by early Jurassic Toodoggone volcanic rocks. The Baker deposit is hosted by upper Triassic Takla volcanic rocks.

The Claw Mountain claim group lies approximately nine kilometers north of known gold occurrences on the Energex Minerals Ltd. property. The claim group is largely covered by overburden but significant areas of Toodoggone volcanic rocks of early Jurassic age are exposed at surface.

A reconnaissance soil sampling and prospecting program was conducted in 1985 to evaluate the precious metal and base metal potential of this property. The result of this program indicate the presence of scattered gold and silver anomalies in soil and rock as well as anomalous values in copper, lead, zinc, barium and arsenic.

INTRODUCTION

A prospecting and soil sampling crew completed a preliminary evaluation of the Claw Mountain claim group during the period of September 2 to September 7, 1985. The work was performed by B. Dent, T. Roocroft and O. Paeseller under the supervision of M. Bell of Hi-Tec Resource Management Ltd. Soil sampling was done at 25 meter intervals along the contour traverse lines shown on Figure 3, 4 and 5.

Location and Access

The Claw Mountain claim group is situated in the Toadoggone River area, some 300 km north of Smithers, B.C. (Figure 1). More precisely, the claims are located at the headwaters of Moyez Creek, some 18 kilometers north of the Toadoggone River. The area covered by the claims is moderately rugged, with elevations ranging from 1,500 to 2,000 metres.

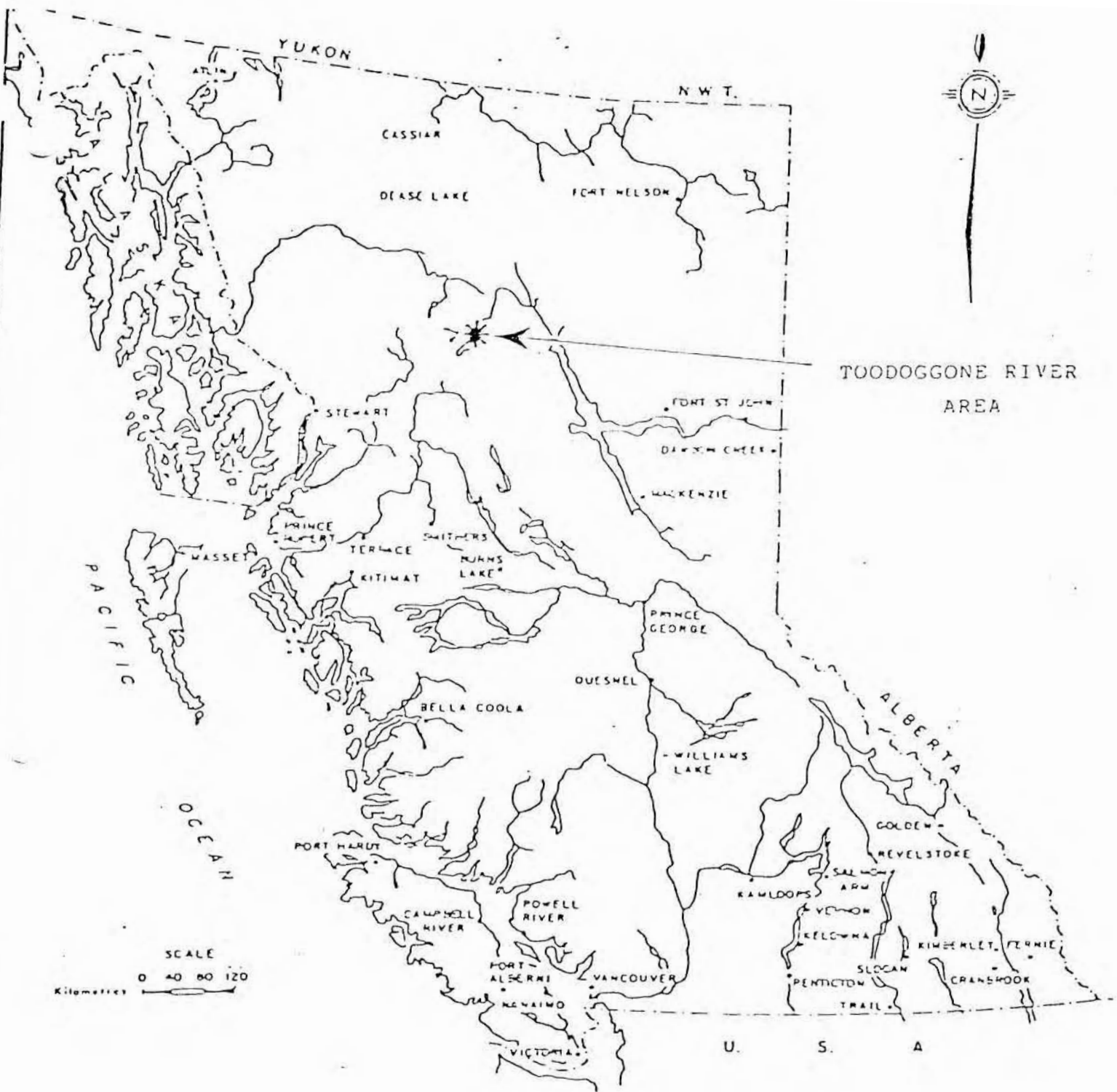
Access to the property is by fixed wing aircraft to the Sturdee airstrip and then by helicopter some 45 kilometers to the north-northwest. During the period of work the crew was lodged at a base camp beside the Sturdee airstrip and commuted to the claims by helicopter.

Property and Ownership

The property claims of the Gacho, Suet, Cali, Yeti, Pika, Dall and Paw claims comprising 114 units. These have been grouped into the Gacho and Suet (total 40 units) and the Cali, Yeti, Pika, Dall and Paw (Total 74 units) and are collectively referred to as the Claw Mountain group. The claims are owned jointly by The Toadoggone Syndicate. The pertinent data are as follows:

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date*</u>
Gacho	20	3288	March 1986
Suet	20	3286	March 1986
Cali	20	3284	March 1986
Yeti	20	3287	March 1986
Pika	4	3289	March 1986
Dall	20	3283	March 1986
Paw	10	3289	March 1986

* Prior to filing of 1985 expenditures for assessment credits.

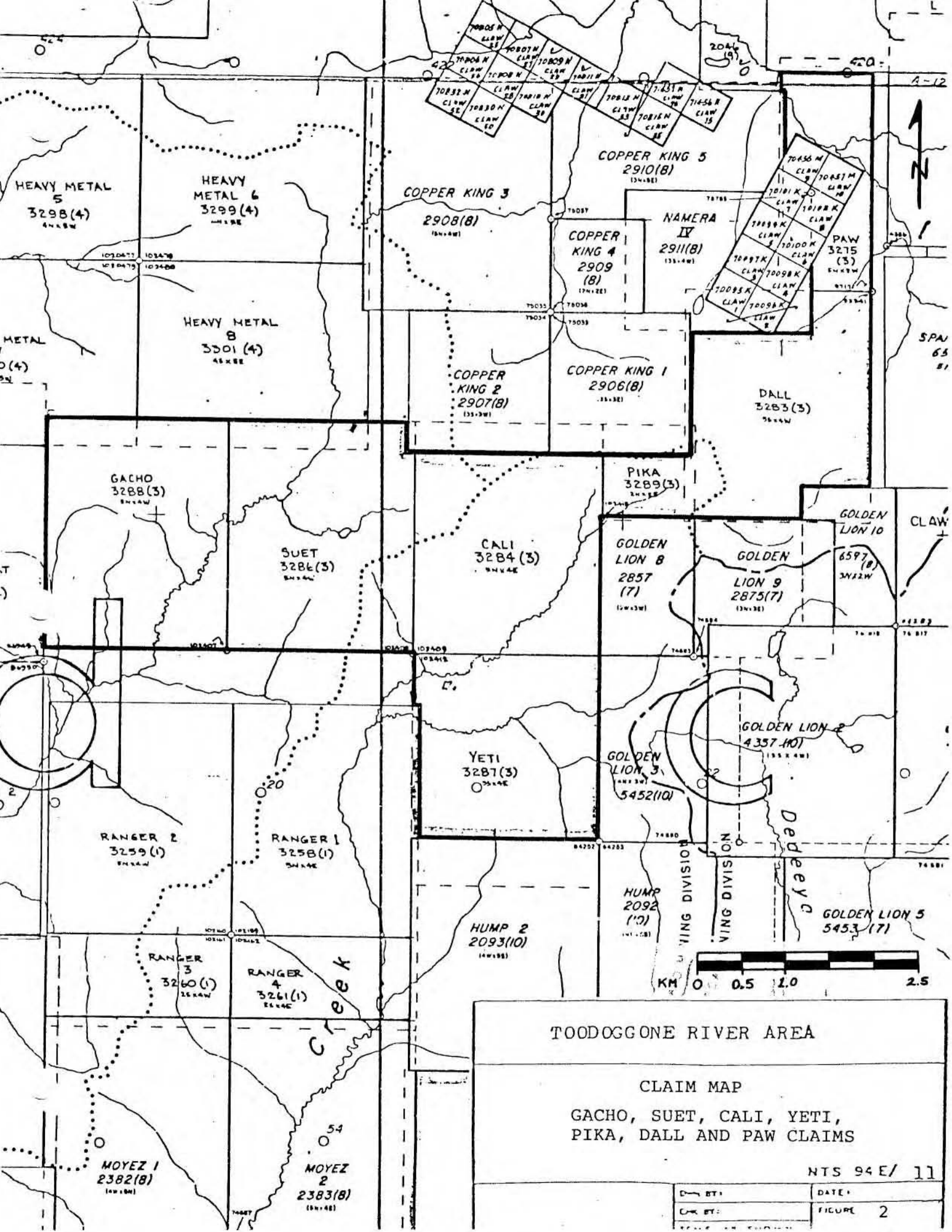


TOODOGGONE RIVER AREA

LOCATION MAP
 GACHO, SUET, CALI, YETI,
 PIKA, DALL AND PAW CLAIMS

NTS 94 E/ 11

Drawn BY:	DATE:
Comp BY:	FIGURE
SCALE AS SHOWN	



TOODOGGONE RIVER AREA

CLAIM MAP

GACHO, SUET, CALI, YETI,
PIKA, DALL AND PAW CLAIMS

NTS 94E/ 11

Drawn BY:	DATE:
Check BY:	FIGURE 2

REGIONAL GEOLOGY AND MINERALIZATION

The Toodoggone River epithermal precious metal district occurs near the eastern margin of the Intermontane tectonic belt. It extends for more than 100 km from McConnell Creek to the Stikine River as a 20 km wide zone of volcanic, sedimentary and intrusive rocks. The oldest rocks in the area are the Asitka limestones, argillites and cherts of Permian age. The Asitka Group are usually in fault contact with Takla volcanic rocks of Upper Triassic age. The Takla is characterized by abundant flows of augite andesite, basalt, porphyritic feldspar andesite and their volcanoclastic sedimentary equivalents.

The volcanic rocks lying stratigraphically above the Takla Group have been classified under two headings: i) the Toodoggone Group and ii) the Hazelton Group. The Toodoggone Group is of Lower Jurassic age and is equivalent to the base of the Hazelton Group (Panteleyev, 1984). The Toodoggone volcanics consist predominantly of subaerial dacite, latite, trachyte and rhyolite pyroclastic rocks more than 500 metres in thickness, which unconformably overlie the Takla. The majority of the epithermal precious metal occurrences in the area are associated with the Toodoggone volcanic rocks. However, the Baker deposit occurs in Takla volcanic rocks.

The Toodoggone volcanic rocks are bordered on the east by and are in fault contact with, Hazelton Group rocks, consisting of intermediate volcanic conglomerate, breccia, lahar and abundant pink feldspar porphyry dikes and sills. These rocks range in age from Lower Jurassic to Upper Jurassic and may include members of the Toodoggone Group. Acid to intermediate stocks and plugs of Jurassic age are intruded into the sedimentary and volcanic rocks of the area.

The Toodoggone camp exhibits at least four types of precious metal mineralization, the most common of which is epithermal in origin. The epithermal deposits occur as massive quartz veins such as at the Baker Mine, or as silicified zones and amethystine breccia zones such as at the Lawyers deposit. They are generally close to major northwest faults and are associated with siliceous volcanic centers, exhalative vents and zones of alteration within the Toodoggone volcanics. Quartz, barite and carbonate are the chief gangue minerals. The

vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena. Grades range from 0.1 to 1.0 oz/T Au and 1.0 to 20.0 oz/T Ag.

Property Geology

The Claw Mountain claim group is predominantly overburden covered. Portions of the Suet, Cali and Yeti claims do however have surface exposures of volcanic rocks believed to belong to the Toodoggone Group. Due to the lack of geological mapping on a suitable scale, little is known in detail about these rocks. Drainage patterns do however imply that the property as well as the surrounding area is cut by east-west and northeast-southwest fault structures.

GEOCHEMISTRY

Sampling and Analytical Procedures

A total of 303 soil samples and 3 rock samples were collected for geochemical analysis from the Claw Mountain claim group. Soil samples were collected along contour lines as shown in Figures 3, 4 and 5. Samples of the "C" soil horizon were taken with a mattock from depths of 15 cm to 25 cm, placed in numbered kraft paper bags and shipped to Min-En Laboratories Ltd. in North Vancouver for analysis.

Soil samples were dried at approximately 90°C and then sieved to minus 80 mesh. A 0.5 gram portion of each sample from the first batch was extracted by digestion with nitric acid and aqua regia followed by six element ICP analysis. Later in the program analysis was done only for silver and gold, employing atomic absorption determination. Rock samples were crushed before extraction by aqua regia solution and atomic absorption measurement.

PRESENTATION AND DISCUSSION OF RESULTS

The analytical results are presented in Appendix III. Significant anomalous values, determined by inspection and numerical calculations, are plotted for gold and silver in Figure 3, copper, lead and zinc in Figure 4, and barium and arsenic in Figure 5. Value ranges for moderately and strongly anomalous contents of the elements concerned are listed below:

	<u>Moderately Anomalous Range</u>	<u>Strongly Anomalous Range</u>
Au	15 to 30 ppb	+ 30 ppb
Ag	2.0 to 3.0 ppm	+ 3.0 ppm
Cu	300 to 400 ppm	+ 400 ppm
Pb	47 to 65 ppm	+ 65 ppm
Zn	100 to 120 ppm	+ 120 ppm
As	30 to 45 ppm	+ 45 ppm
Ba	400 to 500 ppm	+ 500 ppm

Figures 3, 4 and 5 show moderately anomalous values in all 7 elements and strongly anomalous values in all but Pb and Ag. These values tend to be scattered throughout the area sampled with some clustering of anomalous Pb, Zn, As and Au values in the southern most area, i.e. the Yeti claim. Coincident anomalous values for Au and Ag occur in the northwest (Gacho) and easternmost (Dall) parts of the claim group and some base metal and arsenic values seem to be associated with them.

The area around the rock sample that ran 50,000 ppb Au warrants immediate follow-up sampling.

The extent and true magnitude of the geochemical anomalies cannot be defined until a more detailed survey is completed.

CONCLUSIONS AND RECOMMENDATIONS

Reconnaissance contour soil sampling has discovered anomalies in gold and silver as well as base metals (Cu, Pb, Zn) and pathfinder elements (Ba, As). These anomalies lie in areas believed to be underlain by Toodoggone volcanic rocks which host significant mineralization in relatively nearby locations.

It is recommended that a follow up program of detailed soil sampling be conducted to determine the extent and true magnitude of the geochemical anomalies. This program should also include prospecting, detailed geological mapping and a VLF-EM survey in order to establish the source and nature of the mineralization and to define future drill targets.

REFERENCES

- Gabriesle, H., et al., (1976): Geology of the Toodoggone River (94E) Map Area, G.S.C. Open File 306.
- Panteleyev, A., (1984): Geology between Toodoggone and Sturdee Rivers, BCMEMPR Geological Fieldwork 1983, Paper 84-1, pp. 136-138.

Michael Bell

APPENDIX I

Statement of Costs

STATEMENT OF COST

Period Worked: September 02 to 07, 1985

O. Paeseller	6 days @ \$225.00	\$ 1,350.00
B. Dent	6 days @ \$225.00	1,350.00
T. Roorcroft	6 days @ \$225.00	1,350.00
Mobilization/Demobilization		\$ 2,370.00
Field Materials		,127.00
Camp Materials		,300.00
Expediting	6 days @ \$20.00	,120.00
Meals/Accommodation	18 man days @ \$50.00	,900.00
Camp Support Costs	18 man days @ \$25.00	,450.00
Administration		,500.00
Helicopter		1,339.00
Fixed Wing		,745.00
Assays		3,086.00
Assessment Report Writing, Compilation, Copying		1,000.00
Drafting		<u>,450.00</u>
TOTAL:		<u>\$16,787.00</u>

APPENDIX II

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Malcolm Bell, of Vancouver, B.C., hereby certify that:

1. I have worked in mineral exploration since 1970.
2. I am the president of Hi-Tec Resource Management Limited and have been supervising and directing exploration programs in Canada, Colombia, S.A., and Australia since Hi-Tec was established in May, 1980.
3. I have successfully completed studies in Survey Engineering at B.C.I.T. (1979).
4. This report is based on survey work completed by personnel under my direct supervision.

Dated at Vancouver B.C. this 09 day of APRIL, 1986.

MALCOLM BELL

A handwritten signature in cursive script that reads "Malcolm Bell". The signature is written in dark ink and is positioned to the right of the printed name "MALCOLM BELL".

APPENDIX III

Geochemical Results

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-278/P1+2

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: SEPT 27, 1985

(VALUES IN PPM)	AG	AS	SA	CU	PB	MN	AU-PPB
MB002	.3	1	114	38	25	51	5
MB003	.5	1	125	26	21	49	100
MB004	.9	1	211	40	28	58	5
MB005	1.0	1	141	29	25	47	10
MB006	.5	1	248	22	25	39	5
MB007	.9	1	327	19	30	62	10
MB008	2.0	1	271	41	29	71	5
MB009	1.7	1	204	415	19	47	25
MB010	1.3	1	111	104	26	74	15
MB011	1.5	1	143	120	15	68	10
MB012	1.3	1	171	81	12	75	10
MB013	.5	1	155	41	29	44	5
MB014	.4	1	198	29	27	75	10
MB015	.6	1	177	24	31	54	5
MB016	.5	1	189	17	31	59	10
MB017	.4	1	112	9	21	78	5
MB018	.3	1	132	12	26	52	20
MB019	.5	1	207	19	27	59	5
MB020	.5	7	311	61	22	60	5
MB021	.1	23	105	11	16	39	10
MB022	.4	7	187	13	25	61	5
MB023	1.0	15	321	13	33	106	5
MB024	.9	1	210	39	31	59	5
MB025	.9	5	573	22	25	63	10
MB026	1.1	18	484	38	39	72	10
MB027	.6	1	98	10	28	47	5
MB028	.8	1	76	12	23	44	20
MB029	1.5	2	97	36	43	92	230
MB030	.3	1	139	9	9	23	10
MB031	1.0	4	105	64	26	37	5
MB032	.5	9	61	36	23	41	5
MB033	.4	4	55	64	25	39	10
MB034	.7	13	808	434	22	36	20
MB035	.5	9	109	94	26	31	5
MB036	.9	6	114	88	43	58	5
MB037	1.6	5	251	200	46	64	10
MB038	.6	1	102	34	18	46	10
MB039	.2	1	65	32	17	26	5
MB040	.7	1	168	74	29	55	5
MB041	.5	14	82	27	21	77	5
MB042	.9	11	131	95	30	46	5
MB043	.6	7	142	83	25	48	10
MB044	.8	12	79	172	27	43	30
MB045	1.1	1	94	102	17	45	5
MB046	.6	15	116	60	28	53	20
MB047	1.7	1	114	273	24	64	15
MB048	.8	1	101	88	23	57	10
MB049	.5	2	101	109	19	49	5
MB050	.4	11	91	102	20	39	25
MB051	1.1	1	82	239	16	52	5
MB052	.6	8	134	119	23	54	20
MB053	.4	13	98	50	20	46	10
MB054	.9	15	205	48	29	68	5
MB055	.4	20	106	105	27	54	5
MB056	.6	18	170	143	22	56	10
MB057 40M	.6	16	98	36	21	44	5
MB058	.7	14	155	272	29	65	10
MB059	1.3	1	129	116	26	72	5
MB060	1.5	9	110	105	33	100	5
MB061	.5	13	115	58	24	66	5

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-275/P3+4

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)980-4524

* TYPE SOIL GEOCHEM *

DATE: SEPT 27, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
MB062	.6	2	124	82	19	71	5
063	.7	1	138	76	19	66	5
MB064 40M	1.0	1	111	50	18	78	5
MB065	.2	17	83	52	19	105	5
MB066	.3	11	98	39	20	57	5
MB067	.5	1	113	70	18	78	5
MB068	.5	17	83	42	27	77	20
MB069 40M	.7	7	81	20	31	65	5
MB070	.7	10	107	28	24	49	5
MB071	1.1	45	157	200	47	97	10
MB072	.7	17	124	79	20	43	10
MB073	.7	25	149	47	25	69	5
MB074	.9	25	143	35	20	47	5
MB075	1.3	17	162	26	28	71	10
MB076	.5	20	127	77	30	61	5
MB077	.9	15	127	39	26	89	5
MB078	1.5	1	66	98	18	48	5
MB079	2.5	1	75	143	3	74	20
MB080	2.5	1	57	70	10	73	5
MB081	1.9	11	81	95	29	76	10
MB082	2.7	6	60	34	20	62	5
MB083	2.1	1	81	83	19	83	5
MB084	1.8	1	91	65	25	78	5
MB085	1.6	38	162	69	37	161	10
MB086	2.0	1	101	23	18	55	20
MB087	1.8	5	103	44	22	80	10
MB088	1.8	10	107	72	26	92	10
089	1.4	21	119	34	30	68	10
MB090	1.1	40	142	41	40	103	5
MB091	1.2	37	138	33	35	97	5
MB092	.8	17	128	46	25	80	5
MB093 40M	.9	15	90	68	20	53	10
MB094	1.3	9	101	35	21	76	5
MB095	1.4	1	90	39	22	84	5
MB096	1.3	9	121	50	21	82	5
MB097	1.7	9	83	43	21	89	40
MB098	1.2	15	94	24	22	48	5
MB099	1.3	3	130	35	25	73	5
MB100 40M	1.3	1	131	34	22	66	5

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
200	.1	11	125	14	25	45	5
201	.1	8	150	13	24	44	10
202	N/S						
203	.1	15	373	8	26	39	5
204	.3	15	127	21	29	55	5
205	.1	12	125	17	22	44	5
206	.1	19	363	11	27	40	10
207	.1	24	128	27	27	35	5
208	.1	25	120	21	32	51	5
209	.1	27	130	29	33	45	10
210	.4	12	135	39	29	46	15
211	.1	29	71	15	23	31	5
212	.3	11	107	21	24	42	5
213	.3	24	126	19	21	39	5
214	.1	15	78	10	23	27	10
215	.4	5	95	10	28	35	5
216	.4	16	78	13	24	35	5
217	.7	1	121	19	18	42	10
218	.5	1	169	14	23	55	5
219	.7	51	280	45	33	76	5
220	.3	37	104	89	36	48	5
221	.4	36	90	102	37	54	10
222	.6	35	329	86	38	70	5
223	.6	33	100	116	33	53	5
224	.6	33	135	114	42	92	15
225	1.2	31	154	160	51	96	5
226	.5	32	123	136	43	59	5
227	.5	36	108	99	40	81	5
228	1.2	27	99	291	41	72	10
229	.8	32	194	98	38	65	5
230	.2	25	89	82	35	51	5
231	.4	18	135	53	33	48	10
232	.5	25	189	87	46	57	5
233	.5	35	121	124	38	71	5
234	.4	30	158	84	36	75	5

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-7365/P1+2

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: OCT 7, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
235	.9	20	89	132	46	71	5
236	.6	27	64	85	38	44	5
237	.3	31	71	83	32	37	5
238	.6	33	112	105	42	59	10
239	.4	27	189	68	37	77	5
240	.6	42	172	90	48	65	5
241	1.2	31	122	123	45	108	5
242	.7	30	109	95	42	88	5
243	.4	20	150	43	32	45	5
244	.6	32	144	113	46	66	5
245	2.5	42	175	147	55	118	5
246	.6	34	241	49	43	43	5
247	1.0	50	274	150	50	78	5
248	.8	47	244	122	46	75	5
249	1.1	30	138	141	44	63	5
250	.7	9	138	40	29	38	10
251	1.0	24	69	49	41	44	5
252	.8	15	115	57	33	54	5
253	.9	32	201	52	44	61	5
254	.9	10	154	33	31	51	5
255	1.6	15	113	45	50	61	10
256	1.3	32	186	48	47	60	5
257	1.0	29	165	43	41	56	5
258	.7	41	250	43	50	63	15
259	.7	18	134	58	37	44	5
260	.8	18	218	34	29	58	5
261	.9	50	157	128	49	73	10
262	.9	35	149	85	40	57	5
263	1.1	57	188	315	59	80	5
264	.9	27	146	47	38	62	5
265	.7	9	370	85	32	46	15
266	.5	24	213	54	34	52	5
267	.8	17	122	81	37	56	5
268	.5	15	163	47	34	44	5
269	.8	20	157	71	43	63	10
270	.7	22	356	24	31	59	5
271	.5	13	362	19	30	65	5
272	.6	20	514	17	32	66	10
273	1.5	1	177	60	24	78	5
274	1.1	13	286	98	38	87	5
275	.9	15	388	33	33	94	10
276	2.8	13	386	428	28	70	5
277	1.3	11	158	152	35	103	5
278 20M	1.3	8	100	112	33	105	5
279	1.5	1	201	76	27	86	5
280	1.0	4	523	134	19	51	10
281	1.2	1	154	78	26	73	5
282	1.4	1	149	259	31	93	5
283	2.1	1	88	226	28	114	5
284	2.2	1	63	236	23	104	5
285	1.0	14	523	95	30	96	5
286	.9	5	493	59	26	96	10
287	1.4	20	421	515	19	44	5
288	1.0	19	185	79	33	69	5
289	1.0	25	338	52	29	70	5
290	1.3	20	380	43	26	54	5
291	1.2	41	611	124	24	58	5
292 20M	2.0	26	700	114	15	29	10
293	1.2	44	301	16	33	56	5
294	.8	26	185	13	28	71	5

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-736S/P3

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: OCT 7, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
295	.4	18	104	12	29	60	10
296	.4	34	94	14	34	83	5
297	1.2	50	243	45	31	62	15
298	1.5	11	303	25	25	73	5
299	.8	22	202	40	30	62	5
300	.7	23	241	21	29	63	10
301	.7	9	117	12	23	56	5
302	.3	11	129	13	27	84	10
303	.9	12	107	15	28	67	5
304	.7	28	128	23	40	76	15
305	1.0	27	158	36	37	72	10
306	1.3	20	188	161	29	74	10
307	.9	19	110	44	41	89	5
308	.8	24	171	32	38	91	10
309	1.0	18	146	28	35	96	10
310	.9	31	125	24	37	83	5
311	1.4	40	178	41	39	87	5
312	1.0	21	148	38	34	84	10
313	.9	21	216	28	30	108	5
400	2.2	1	130	275	25	91	10
401	1.8	1	128	186	27	85	10
402	2.0	1	108	247	28	123	5
403	1.4	10	119	179	34	71	10
404	2.0	1	162	335	35	85	5
405	2.2	1	138	272	36	98	5
406	1.9	1	111	236	33	84	5
407	1.6	20	104	206	32	75	20
38	1.9	13	147	305	38	90	5
409	N/S						
410	1.6	8	131	222	33	53	5
411	1.9	5	152	572	48	88	15

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 1T2

FILE NO: 5-736S/P4+5

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL BEDCHEM * DATE: OCT 7, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PR	ZN	AU-PPB
482	1.3	26	163	342	51	86	5
483	1.3	15	175	265	51	72	10
485	2.0	10	207	421	52	78	30
416	1.3	11	169	244	31	47	10
417	1.1	10	76	125	36	47	10
418	1.9	1	117	369	35	77	10
419	1.5	1	146	217	33	66	5
420	.5	16	234	192	32	42	10
421	.4	23	115	106	32	53	5
422	1.1	24	94	244	36	68	10
423	.8	12	119	108	40	61	5
424	1.3	1	153	226	28	82	5
425	1.5	1	97	342	28	99	5
426	.6	15	91	129	30	68	5
427	.4	1	81	40	16	38	10
428	.3	1	73	23	18	16	5
429	.2	1	80	34	18	30	5
430	.8	12	99	53	24	44	10
431	.3	7	93	26	14	31	10
432	.5	15	84	35	28	44	5
433	.7	2	74	16	19	19	5
434	.7	28	270	68	37	95	5
435	.5	7	136	12	23	73	10
436	.8	3	110	25	37	67	5
437	1.0	1	64	11	28	64	5
438	.4	14	169	11	29	48	15
439	.7	15	281	12	25	80	5
440	.4	27	130	13	42	88	5
441	.7	20	208	12	33	76	5
442	.9	6	161	13	36	81	5
443	.7	10	316	16	30	67	10
444	.3	23	237	16	30	60	5
445	.3	17	401	16	31	56	5
446	.4	21	294	13	33	37	5
447	1.1	2	181	17	31	70	15
448	1.1	1	154	16	28	89	5
449	.6	17	304	14	33	71	10
450	1.0	1	146	15	26	73	5
451	1.3	1	131	16	24	72	5
452	1.1	1	131	14	30	73	10
453	.4	9	149	10	26	52	5
454	.5	12	158	13	30	64	5
455	.6	14	219	11	29	75	10
456	1.0	12	135	12	38	90	10
457	.6	5	185	9	33	70	5
458	.4	3	131	9	30	58	10
459	.8	1	151	11	32	66	5
460	.9	5	184	11	30	73	5
461	.8	7	229	10	30	86	10
462	1.1	15	133	11	31	99	5
463	.8	41	154	13	33	70	5
464	.6	2	114	9	25	65	10
465	1.0	23	115	10	28	69	5
466	.7	19	125	9	33	70	5
467	1.5	72	163	13	37	90	10
468	.6	14	148	8	25	49	5
469	.7	3	139	11	31	76	5
470	.4	8	106	9	30	68	5
471	.6	17	115	8	29	65	5
472	1.1	6	100	11	36	93	5

PROJECT NO: MB 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: S-736S/P6

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: OCT 7, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
473	.1	12	91	9	33	59	5
474	.1	13	75	9	24	42	5
475	.3	17	96	12	30	62	10
476	.6	19	104	11	29	72	5
477	.7	33	123	10	34	82	5
478	.4	30	111	9	35	79	5
479	.6	22	239	10	33	98	20
480	.7	14	135	8	35	67	5
481	.8	37	224	9	35	79	5
482	.6	22	89	9	32	66	10
483	.8	16	85	11	37	85	5
484	.3	23	174	9	32	73	3
485	.5	50	127	10	64	123	5
486	.5	62	128	8	61	140	5
487	.3	31	258	7	41	78	5
488	.5	35	139	9	37	71	5
489	.5	29	115	8	43	78	10
490	.3	33	172	7	48	111	5
491	.4	22	116	7	57	141	5
492	.7	33	237	13	53	100	10

PROJECT NO: 4885

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V8M 1V2

FILE NO: 51-27R/P2

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

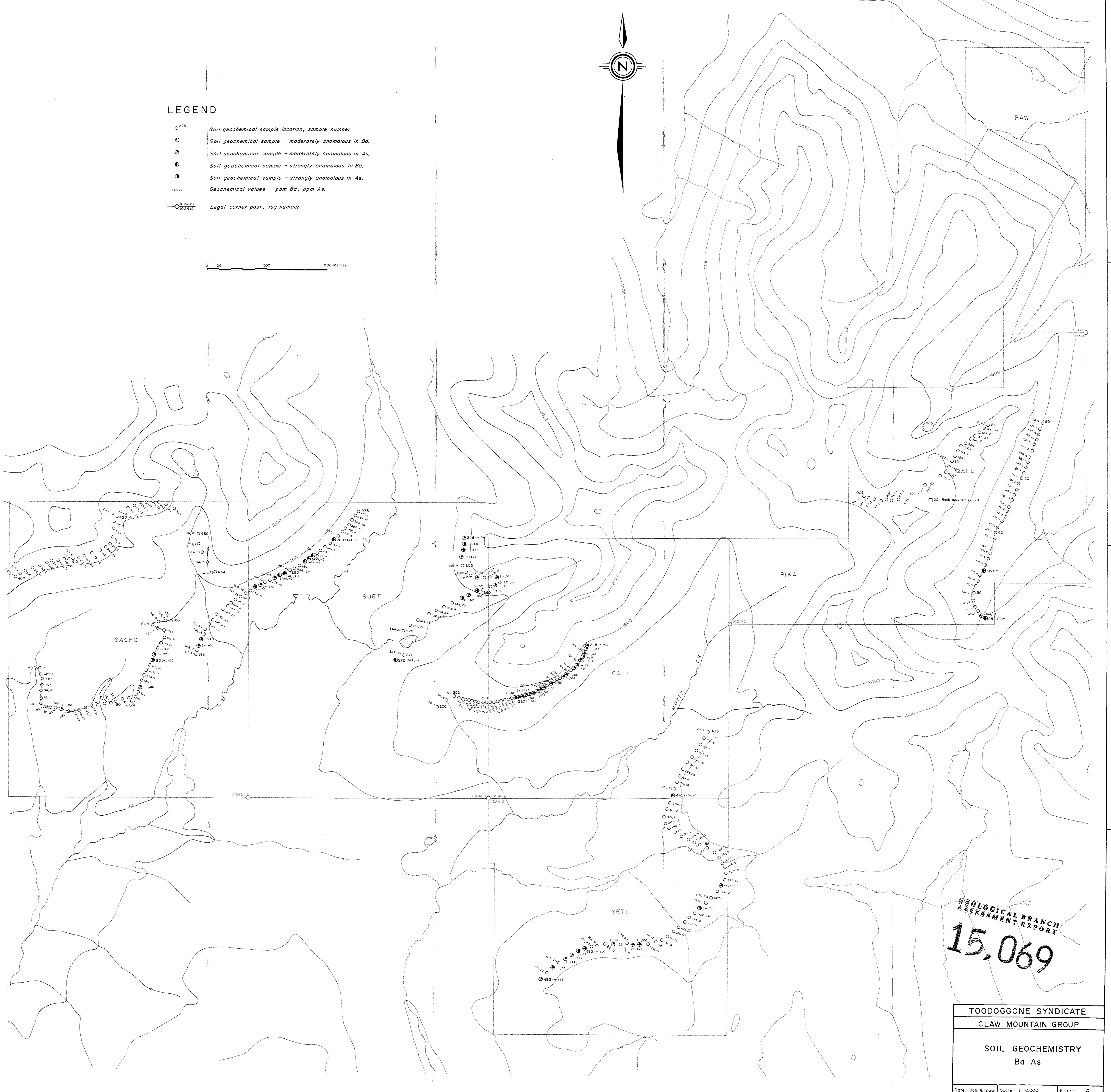
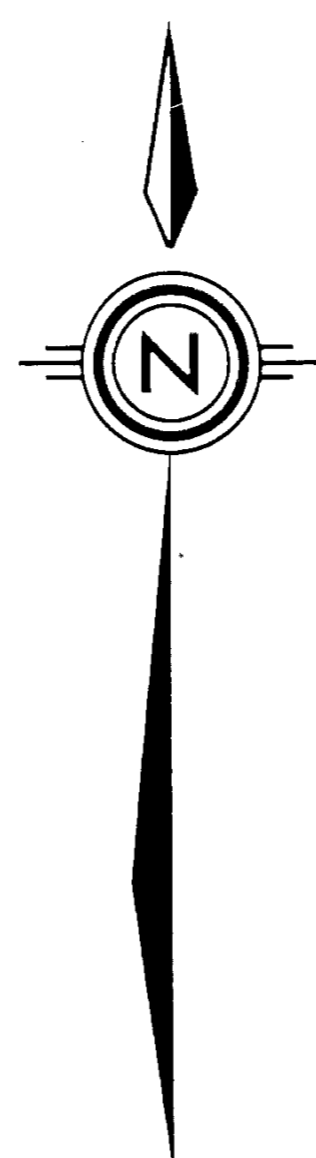
DATE: SEPT 25, 1985

VALUES IN PPM	AG	AS	BA	CU	PR	ZN	AU-PPB
001	84.7	1	96	42976	85	107	50000
	4.0	1	27	232	12	40	22
	1.5	1	144	189	16	47	58

LEGEND

- ²⁷³ Soil geochemical sample location, sample number.
- ⊙ Soil geochemical sample - moderately anomalous in Ba.
- ⊖ Soil geochemical sample - moderately anomalous in As.
- ⊕ Soil geochemical sample - strongly anomalous in Ba.
- ⊗ Soil geochemical sample - strongly anomalous in As.
- (61,41) Geochemical values - ppm Ba, ppm As.
- ⊕⁰²⁴⁰⁹/₀₂₄₁₂ Legal corner post, tag number.

0 100 500 1000 Metres

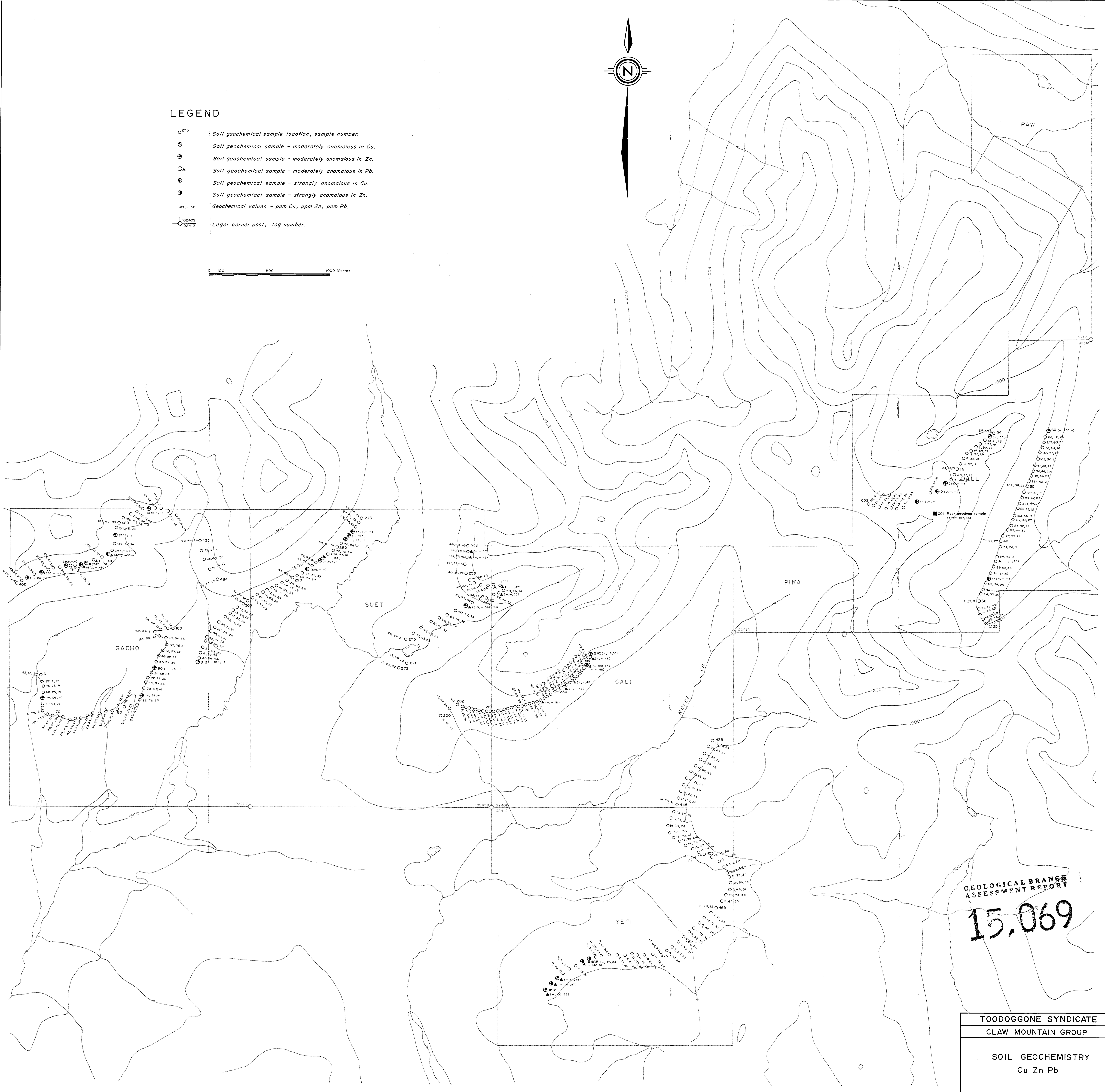
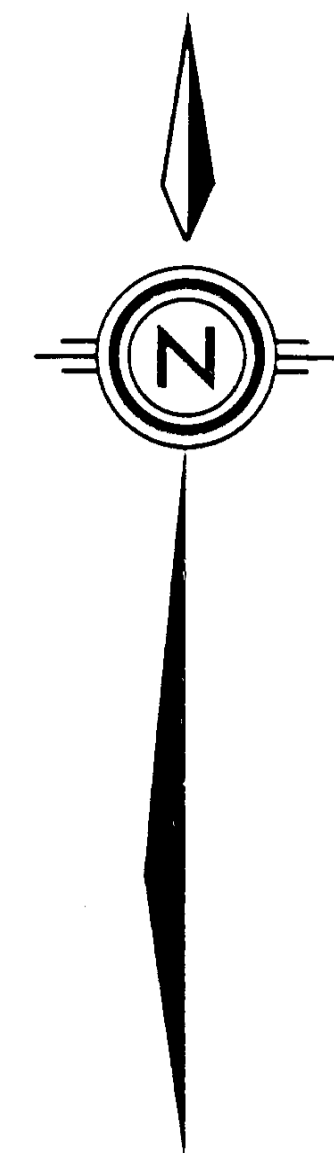
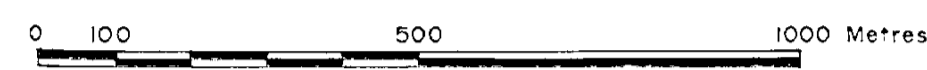


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
15,069

TOODOGONE SYNDICATE		
CLAW MOUNTAIN GROUP		
SOIL GEOCHEMISTRY		
Ba As		
Date: Jun. 4, 1986	Scale: 1:10,000	Figure: 5

LEGEND

- ²⁷³ Soil geochemical sample location, sample number.
- ⊙ Soil geochemical sample - moderately anomalous in Cu.
- ⊕ Soil geochemical sample - moderately anomalous in Zn.
- ⊙ Soil geochemical sample - moderately anomalous in Pb.
- ⊙ Soil geochemical sample - strongly anomalous in Cu.
- ⊙ Soil geochemical sample - strongly anomalous in Zn.
- (421, -581) Geochemical values - ppm Cu, ppm Zn, ppm Pb.
- ┌₁₀₂₄₀₉
└₁₀₂₄₁₂ Legal corner post, tag number.

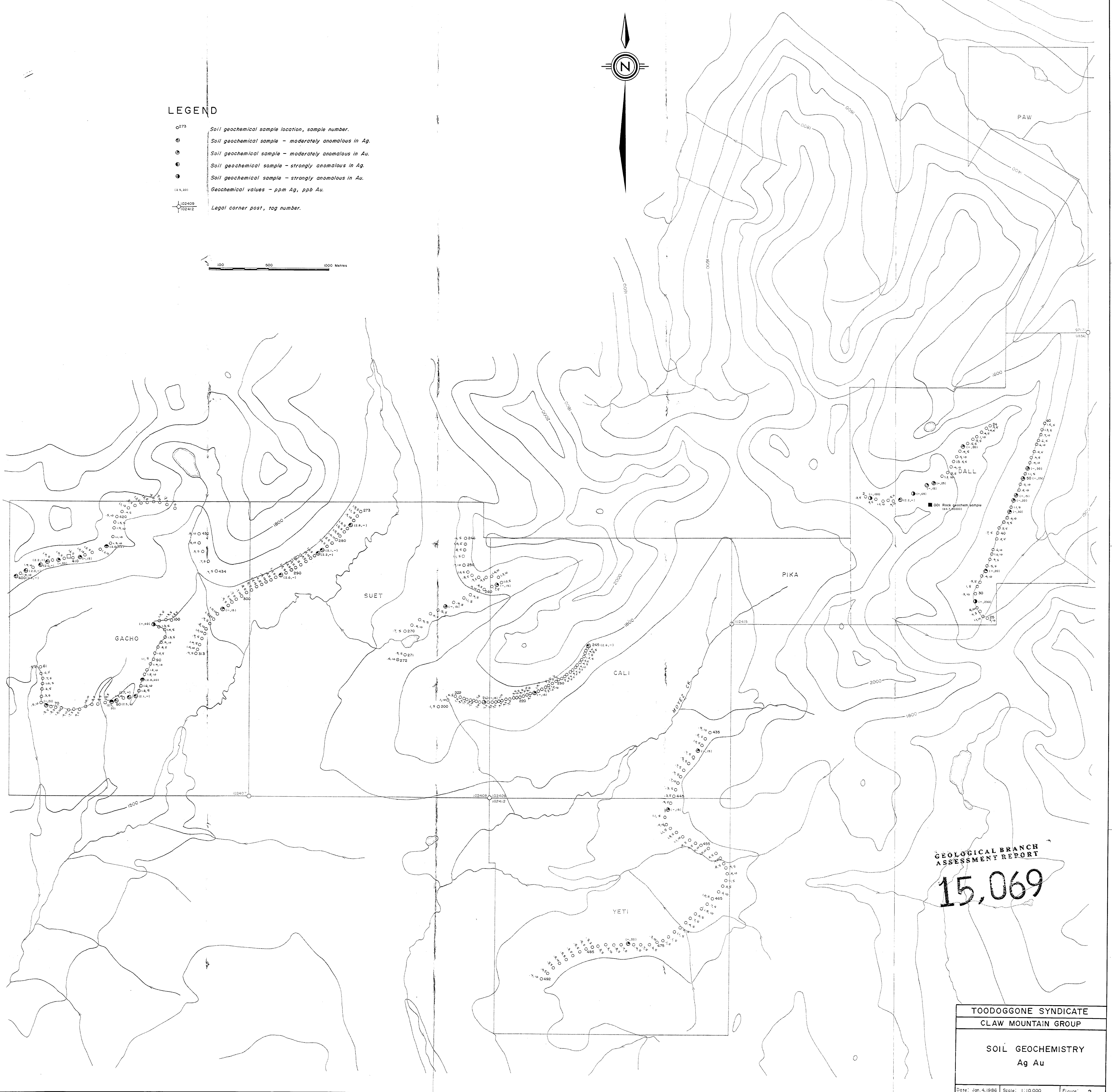
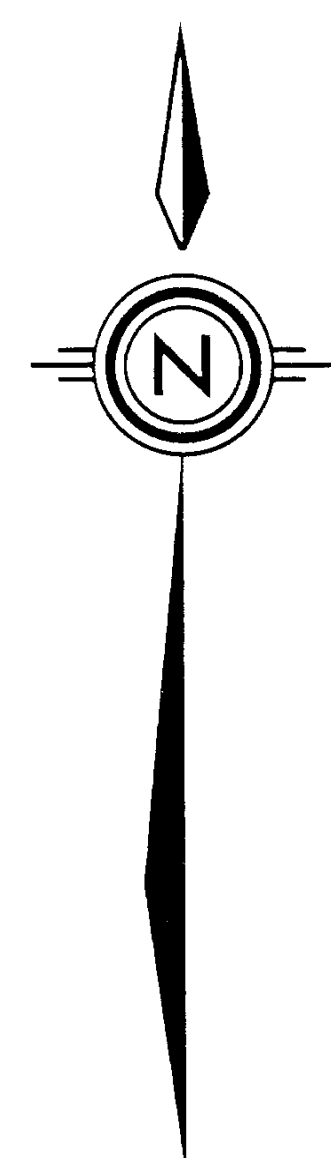


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
15,069

TOODOGGONE SYNDICATE	
CLAW MOUNTAIN GROUP	
SOIL GEOCHEMISTRY	
Cu Zn Pb	

LEGEND

- 273 Soil geochemical sample location, sample number.
- ⊖ Soil geochemical sample - moderately anomalous in Ag.
- ⊙ Soil geochemical sample - moderately anomalous in Au.
- ⊕ Soil geochemical sample - strongly anomalous in Ag.
- ⊗ Soil geochemical sample - strongly anomalous in Au.
- (2.5, 20) Geochemical values - ppm Ag, ppb Au.
- ┌102409
└102412 Legal corner post, tag number.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,069

TOODOGGONE SYNDICATE	
CLAW MOUNTAIN GROUP	
SOIL GEOCHEMISTRY	
Ag Au	
Date: Jan. 4, 1986	Scale: 1:10,000
Figure: 3	