

**ROCKS**

SAMPLE NO.	Ac	Fe	Cu	Pb	Zn	As	Sb
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
100001	0.1	21	1	101	626	250	
100002	0.1	12	1	101	612	250	
100003	0.1	11	1	111	10	230	
100004	0.1	11	1	111	10	230	
100005	0.1	11	1	111	10	230	
100006	0.1	11	1	111	10	230	
100007	0.1	11	1	111	10	230	
100008	0.1	11	1	111	10	230	
100009	0.1	11	1	111	10	230	
100010	0.1	11	1	111	10	230	
100011	0.1	11	1	111	10	230	
100012	0.1	11	1	111	10	230	
100013	0.1	11	1	111	10	230	
100014	0.1	11	1	111	10	230	
100015	0.1	11	1	111	10	230	
100016	0.1	11	1	111	10	230	
100017	0.1	11	1	111	10	230	
100018	0.1	11	1	111	10	230	
100019	0.1	11	1	111	10	230	
100020	0.1	11	1	111	10	230	
100021	0.1	11	1	111	10	230	
100022	0.1	11	1	111	10	230	
100023	0.1	11	1	111	10	230	
100024	0.1	11	1	111	10	230	
100025	0.1	11	1	111	10	230	
100026	0.1	11	1	111	10	230	
100027	0.1	11	1	111	10	230	
100028	0.1	11	1	111	10	230	
100029	0.1	11	1	111	10	230	
100030	0.1	11	1	111	10	230	
100031	0.1	11	1	111	10	230	
100032	0.1	11	1	111	10	230	
100033	0.1	11	1	111	10	230	
100034	0.1	11	1	111	10	230	
100035	0.1	11	1	111	10	230	
100036	0.1	11	1	111	10	230	
100037	0.1	11	1	111	10	230	
100038	0.1	11	1	111	10	230	
100039	0.1	11	1	111	10	230	
100040	0.1	11	1	111	10	230	
100041	0.1	11	1	111	10	230	
100042	0.1	11	1	111	10	230	
100043	0.1	11	1	111	10	230	
100044	0.1	11	1	111	10	230	
100045	0.1	11	1	111	10	230	
100046	0.1	11	1	111	10	230	
100047	0.1	11	1	111	10	230	
100048	0.1	11	1	111	10	230	
100049	0.1	11	1	111	10	230	
100050	0.1	11	1	111	10	230	
100051	0.1	11	1	111	10	230	
100052	0.1	11	1	111	10	230	
100053	0.1	11	1	111	10	230	
100054	0.1	11	1	111	10	230	
100055	0.1	11	1	111	10	230	
100056	0.1	11	1	111	10	230	
100057	0.1	11	1	111	10	230	
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100064	0.1	11	1	111	10	230	
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100068	0.1	11	1	111	10	230	
100069	0.1	11	1	111	10	230	
100070	0.1	11	1	111	10	230	
100071	0.1	11	1	111	10	230	
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100073	0.1	11	1	111	10	230	
100074	0.1	11	1	111	10	230	
100075	0.1	11	1	111	10	230	
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100077	0.1	11	1	111	10	230	
100078	0.1	11	1	111	10	230	
100079	0.1	11	1	111	10	230	
100080	0.1	11	1	111	10	230	
100081	0.1	11	1	111	10	230	
100082	0.1	11	1	111	10	230	
100083	0.1	11	1	111	10	230	
100084	0.1	11	1	111	10	230	
100085	0.1	11	1	111	10	230	
100086	0.1	11	1	111	10	230	
100087	0.1	11	1	111	10	230	
100088	0.1	11	1	111	10	230	
100089	0.1	11	1	111	10	230	
100090	0.1	11	1	111	10	230	
100091	0.1	11	1	111	10	230	
100092	0.1	11	1	111	10	230	
100093	0.1	11	1	111	10	230	
100094	0.1	11	1	111	10	230	
100095	0.1	11	1	111	10	230	
100096	0.1	11	1	111	10	230	
100097	0.1	11	1	111	10	230	
100098	0.1	11	1	111	10	230	
100099	0.1	11	1	111	10	230	
100100	0.1	11	1	111	10	230	

**SILTS**

SAMPLE NO.	Ac	Fe	Cu	Pb	Zn	As	Sb
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
100101	0.1	21	1	101	626	250	
100102	0.1	12	1	101	612	250	
100103	0.1	11	1	111	10	230	
100104	0.1	11	1	111	10	230	
100105	0.1	11	1	111	10	230	
100106	0.1	11	1	111	10	230	
100107	0.1	11	1	111	10	230	
100108	0.1	11	1	111	10	230	
100109	0.1	11	1	111	10	230	
100110	0.1	11	1	111	10	230	
100111	0.1	11	1	111	10	230	
100112	0.1	11	1	111	10	230	
100113	0.1	11	1	111	10	230	
100114	0.1	11	1	111	10	230	
100115	0.1	11	1	111	10	230	
100116	0.1	11	1	111	10	230	
100117	0.1	11	1	111	10	230	
100118	0.1	11	1	111	10	230	
100119	0.1	11	1	111	10	230	
100120	0.1	11	1	111	10	230	
100121	0.1	11	1	111	10	230	
100122	0.1	11	1	111	10	230	
100123	0.1	11	1	111	10	230	
100124	0.1	11	1	111	10	230	
100125	0.1	11	1	111	10	230	
100126	0.1	11	1	111	10	230	
100127	0.1	11	1	111	10	230	
100128	0.1	11	1	111	10	230	
100129	0.1	11	1	111	10	230	
100130	0.1	11	1	111	10	230	
100131	0.1	11	1	111	10	230	
100132	0.1	11	1	111	10	230	
100133	0.1	11	1	111	10	230	
100134	0.1	11	1	111	10	230	
100135	0.1	11	1	111	10	230	
100136	0.1	11	1	111	10	230	
100137	0.1	11	1	111	10	230	
100138	0.1	11	1	111	10	230	
100139	0.1	11	1	111	10	230	
100140	0.1	11	1	111	10	230	
100141	0.1	11	1	111	10	230	
100142	0.1	11	1	111	10	230	
100143	0.1	11	1	111	10	230	
100144	0.1	11	1	111	10	230	
100145	0.1	11	1	111	10	230	
100146	0.1	11	1	111	10	230	
100147	0.1	11	1	111	10	230	
100148	0.1	11	1	111	10	230	
100149	0.1	11	1	111	10	230	
100150	0.1	11	1	111	10	230	

- LEGEND**
- Geology**
- 7 Micro Diorite
  - Tertiary
  - 6 Rebrecciated Altered trachytic tuff light brown to medium green in colour
  - Lower-Middle Jurassic
  - 5 Basalt flows and volcanoclastics dark grey to black in colour
  - 4 Dacite-Andesite medium to dark grey green
  - 3a Amygdaloidal rhyolite
  - 3b Argillite, black and very fine laminated welded tuff
  - 3a Pebble conglomerate
  - 3b Interbedded siltstone and argillite
  - 2 Syenitic/trachytic crystal lithic tuff (breccia) tan to light brown in colour
  - 1 Trachytic tuff medium to dark grey in colour

- Abbreviations**
- py pyrite  
qtz/quartz, carbonate alteration with stringers and veinlets
- Symbols**
- Talus Slope
  - ID Post
  - Pond
  - Rock Sample
  - Strike and Dip
  - Silt Sample
  - Contact: definite, approximate, assumed
  - Sedimentary or trachytic tuff beds
  - Gossan Area
  - Cliff
  - Creek
  - Float Sample
  - Basalt Dykes
  - Rock Sample sent for petrographic analysis

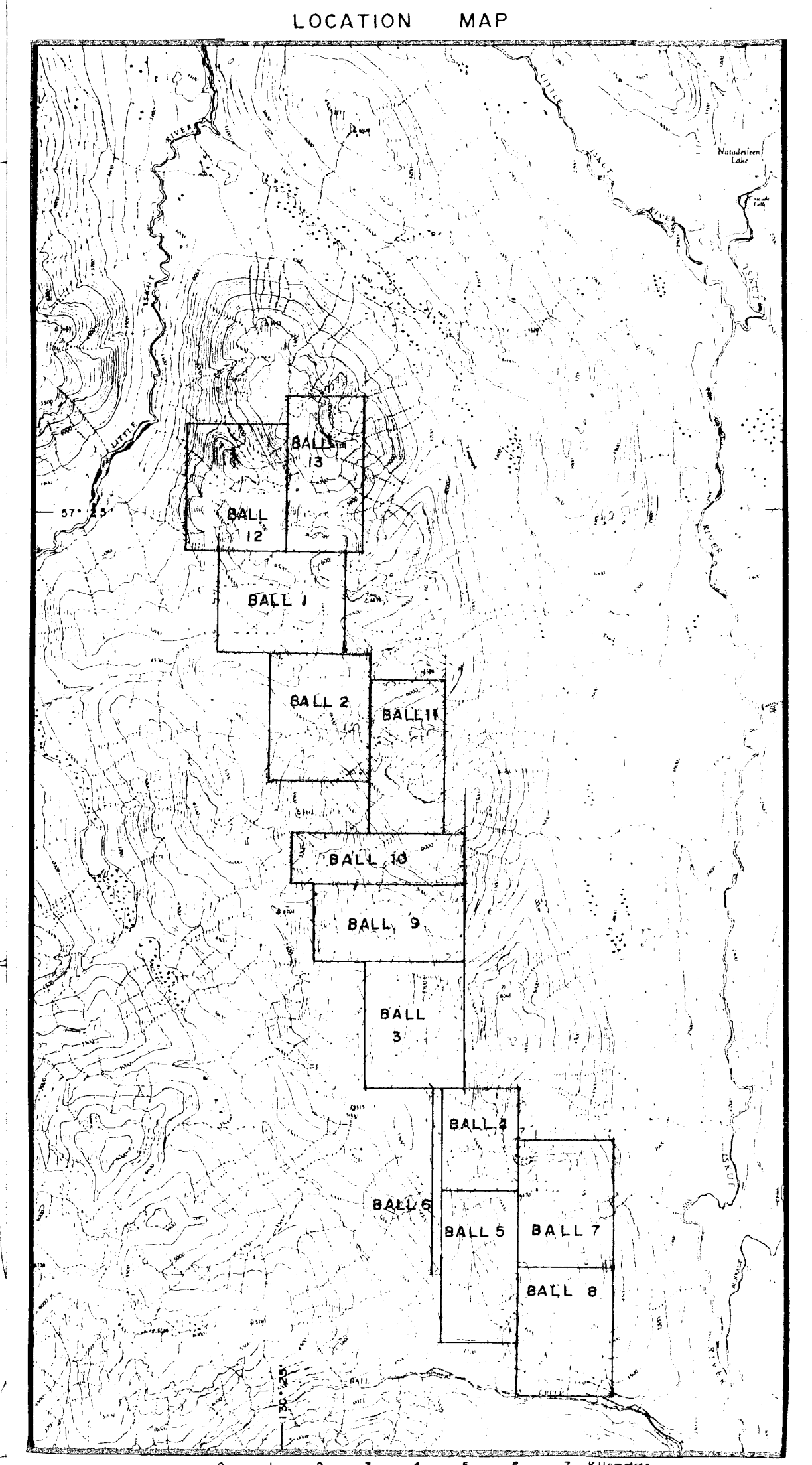
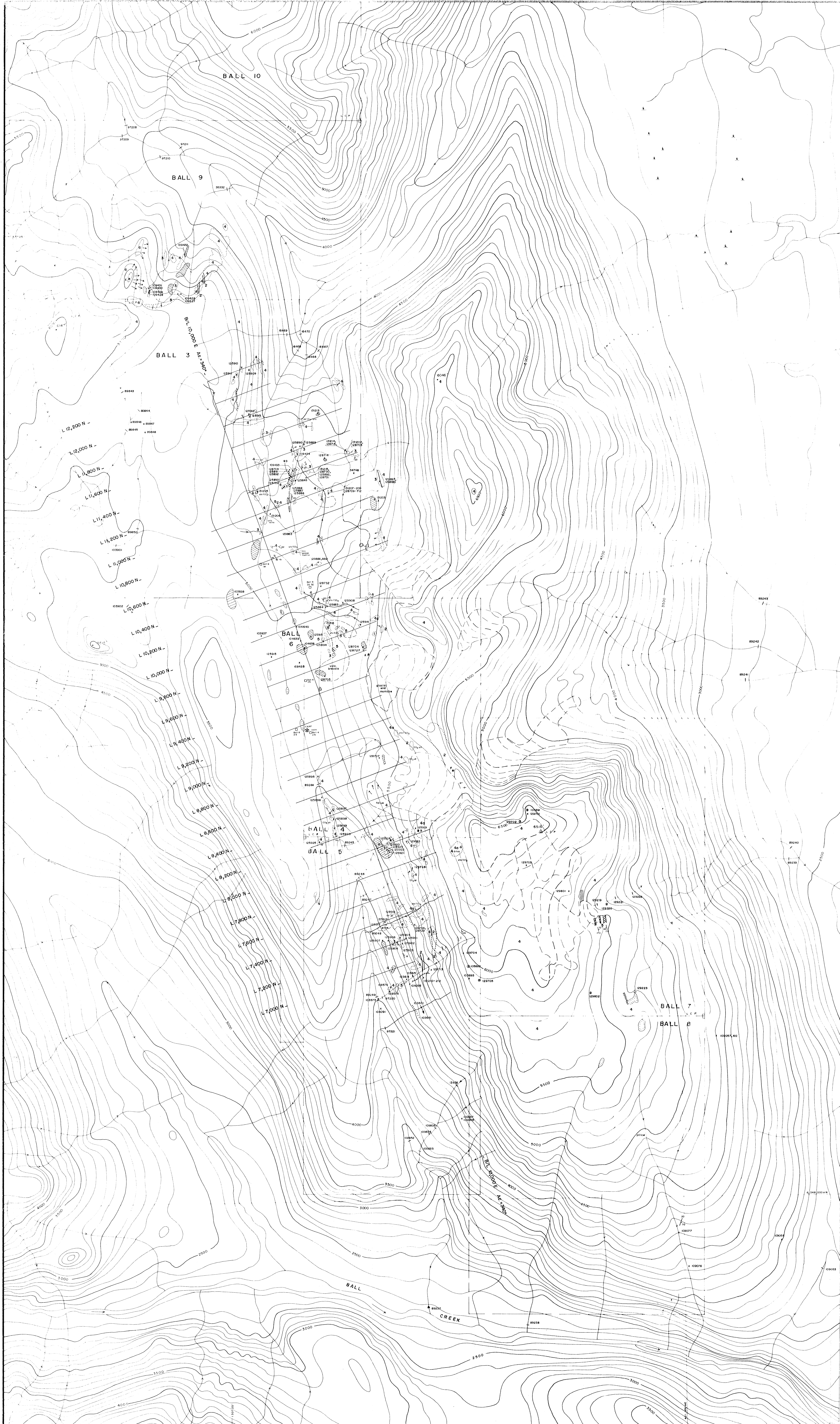
**GEOLOGICAL BRANCH ASSESSMENT REPORT**

20,617

SCALE 1:10,000

REVISED	ISKUT GOLD
BALL 3-10 CLAIMS	
GEOLOGY & SAMPLE LOCATION MAP (South)	
PROJ. No. 273	SURVEY BY S.K.R. DATE
N.T.S. 1046/2W	DRAWN BY S.K.R. SCALE 1:10,000
DWG No.	NORANDA EXPLORATION
FIG. 3	OFFICE PRINCE GEORGE, B.C.





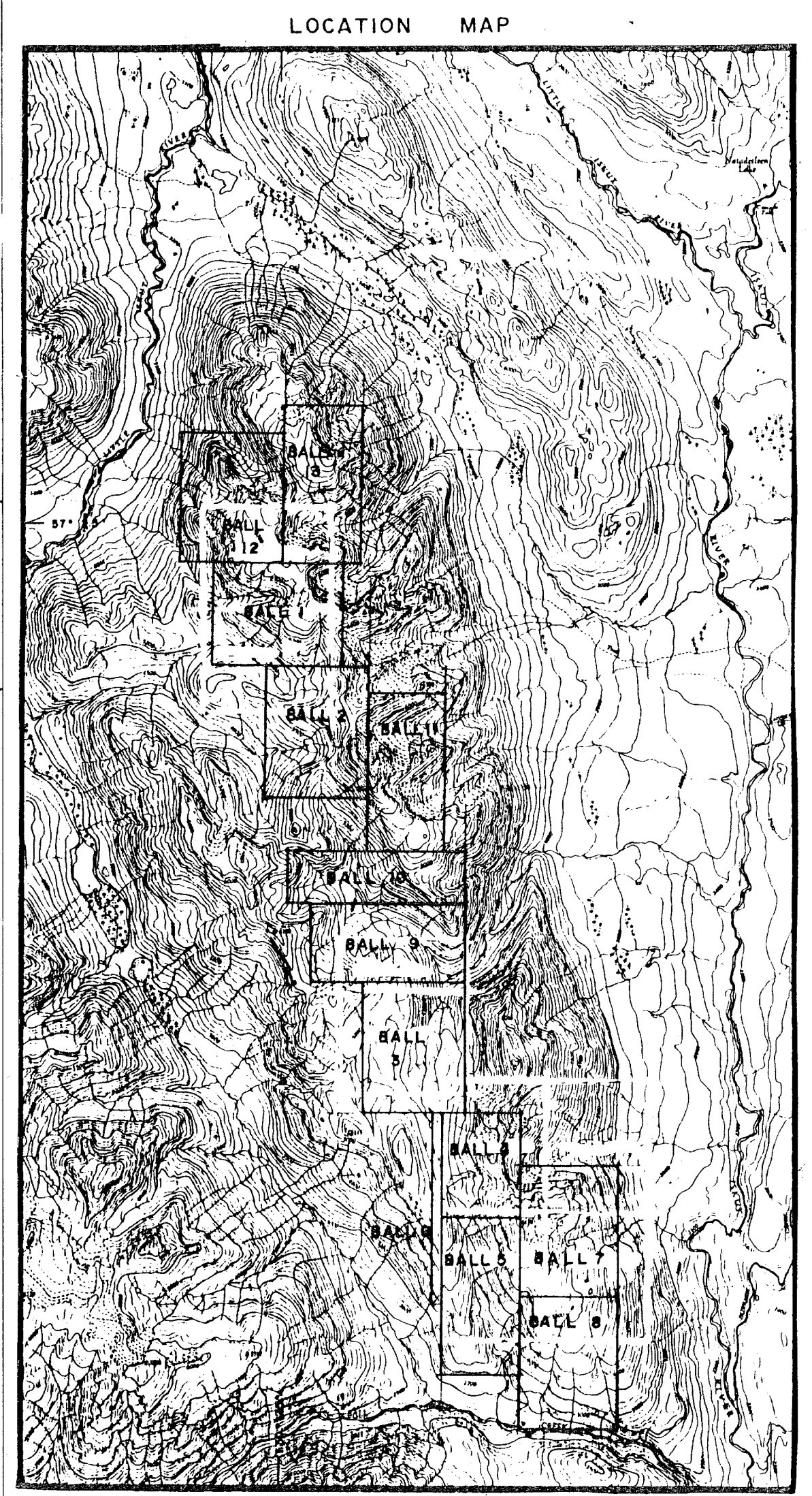
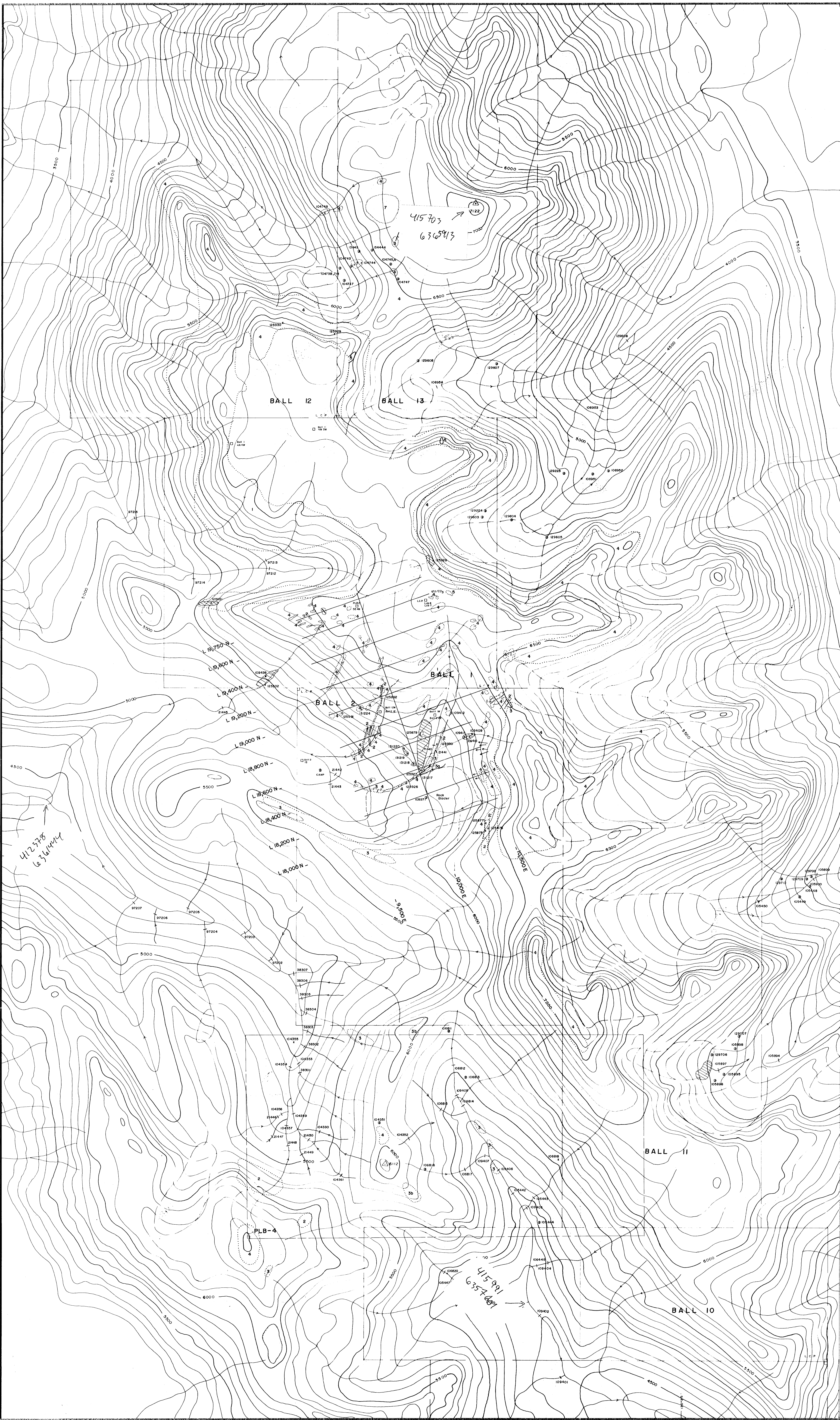
BALL 3-10 CLAIMS

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10002	2	0.1	12	2	37	438	219					
10003	1	0.1	13	2	134	1039	237					
10004	1	0.2	13	2	10	42	3					
10005	1	0.2	13	2	10	42	3					
10006	1	0.2	13	2	10	42	3					
10007	1	0.2	13	2	10	42	3					
10008	1	0.2	13	2	10	42	3					
10009	1	0.2	13	2	10	42	3					
10010	1	0.2	13	2	10	42	3					
10011	1	0.2	13	2	10	42	3					
10012	1	0.2	13	2	10	42	3					
10013	1	0.2	13	2	10	42	3					
10014	1	0.2	13	2	10	42	3					
10015	1	0.2	13	2	10	42	3					
10016	1	0.2	13	2	10	42	3					
10017	1	0.2	13	2	10	42	3					
10018	1	0.2	13	2	10	42	3					
10019	1	0.2	13	2	10	42	3					
10020	1	0.2	13	2	10	42	3					
10021	1	0.2	13	2	10	42	3					
10022	1	0.2	13	2	10	42	3					
10023	1	0.2	13	2	10	42	3					
10024	1	0.2	13	2	10	42	3					
10025	1	0.2	13	2	10	42	3					
10026	1	0.2	13	2	10	42	3					
10027	1	0.2	13	2	10	42	3					
10028	1	0.2	13	2	10	42	3					
10029	1	0.2	13	2	10	42	3					
10030	1	0.2	13	2	10	42	3					
10031	1	0.2	13	2	10	42	3					
10032	1	0.2	13	2	10	42	3					
10033	1	0.2	13	2	10	42	3					
10034	1	0.2	13	2	10	42	3					
10035	1	0.2	13	2	10	42	3					
10036	1	0.2	13	2	10	42	3					
10037	1	0.2	13	2	10	42	3					
10038	1	0.2	13	2	10	42	3					
10039	1	0.2	13	2	10	42	3					
10040	1	0.2	13	2	10	42	3					
10041	1	0.2	13	2	10	42	3					
10042	1	0.2	13	2	10	42	3					
10043	1	0.2	13	2	10	42	3					
10044	1	0.2	13	2	10	42	3					
10045	1	0.2	13	2	10	42	3					
10046	1	0.2	13	2	10	42	3					
10047	1	0.2	13	2	10	42	3					
10048	1	0.2	13	2	10	42	3					
10049	1	0.2	13	2	10	42	3					
10050	1	0.2	13	2	10	42	3					
10051	1	0.2	13	2	10	42	3					
10052	1	0.2	13	2	10	42	3					
10053	1	0.2	13	2	10	42	3					
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10055	1	0.2	13	2	10	42	3					
10056	1	0.2	13	2	10	42	3					
10057	1	0.2	13	2	10	42	3					
10058	1	0.2	13	2	10	42	3					
10059	1	0.2	13	2	10	42	3					
10060	1	0.2	13	2	10	42	3					
10061	1	0.2	13	2	10	42	3					
10062	1	0.2	13	2	10	42	3					
10063	1	0.2	13	2	10	42	3					
10064	1	0.2	13	2	10	42	3					
10065	1	0.2	13	2	10	42	3					
10066	1	0.2	13	2	10	42	3					
10067	1	0.2	13	2	10	42	3					
10068	1	0.2	13	2	10	42	3					
10069	1	0.2	13	2	10	42	3					
10070	1	0.2	13	2	10	42	3					
10071	1	0.2	13	2	10	42	3					
10072	1	0.2	13	2	10	42	3					
10073	1	0.2	13	2	10	42	3					
10074	1	0.2	13	2	10	42	3					
10075	1	0.2	13	2	10	42	3					
10076	1	0.2	13	2	10	42	3					
10077	1	0.2	13	2	10	42	3					
10078	1	0.2	13	2	10	42	3					
10079	1	0.2	13	2	10	42	3					
10080	1	0.2	13	2	10	42	3					
10081	1	0.2	13	2	10	42	3					
10082	1	0.2	13	2	10	42	3					
10083	1	0.2	13	2	10	42	3					
10084	1	0.2	13	2	10	42	3					
10085	1	0.2	13	2	10	42	3					
10086	1	0.2	13	2	10	42	3					
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10092	1	0.2	13	2	10	42	3					
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10094	1	0.2	13	2	10	42	3					
10095	1	0.2	13	2	10	42	3					
10096	1	0.2	13	2	10	42	3					
10097	1	0.2	13	2	10	42	3					
10098	1	0.2	13	2	10	42	3					
10099	1	0.2	13	2	10	42	3					
10100	1	0.2	13	2	10	42	3					

SILTS

SAMPLE NO.	Alt	SCALE	1:100,000	2	3	4	5	6	7	8	9	10
14446	10	0.6	48	12	200	24						
14447	10	0.6	48	12	200	24						
14448	10	0.6	48	12	200	24						
14449	10	0.6	48	12	200	24						
14450	10	0.6	48	12	200	24						
14451	10	0.6	48	12	200	24						
14452	10	0.6	48	12	200	24						
14453	10	0.6	48	12	200	24						
14454	10	0.6	48	12	200	24						
14455	10	0.6	48	12	200	24						
14456	10	0.6	48	12	200	24						
14457	10	0.6	48	12	200	24						
14458	10	0.6	48	12	200	24						
14459	10	0.6	48	12	200	24						
14460	10	0.6	48	12	200	24						
14461	10	0.6	48	12	200	24						
14462	10	0.6	48	12	200	24						
14463	10	0.6	48	12	200	24						
14464	10	0.6	48	12	200	24						
14465	10	0.6	48	12	200	24						
14466	10	0.6	48	12	200	24						
14467	10	0.6	48	12	200	24						
14468	10	0.6	48	12	200	24						
14469	10	0.6	48	12	200	24						
14470	10	0.6	48	12	200	24						
14471	10	0.6	48	12	200	24						
14472	10	0.6	48	12	200	24						
14473	10	0.6	48	12	200	24						
14474	10	0.6	48	12	200	24						
14475	10	0.6	48	12	200	24						
14476	10	0.6	48	12	200	24						
14477	10	0.6	48	12	200	24						
14478	10	0.6	48	12	200	24						
14479	10	0.6	48	12	200	24						
14480	10	0.6	48	12	200	24						
14481	10	0.6	48	12	200	24						
14482	10	0.6	48	12	200	24						
14483	10	0.6	48	12	200	24						
14484	10	0.6	48	12	200	24						
14485	10	0.6	48	12	200	24						
14486	10	0.6	48	12	200	24						
14487	10	0.6	48	12	200	24						
14488	10	0.6	48	12	200	24						





SCALE 1:100,000

GRID	U	V	W	X	Y	Z	AA	AB
10400	10400	10400	10400	10400	10400	10400	10400	10400
10405	10405	10405	10405	10405	10405	10405	10405	10405
10410	10410	10410	10410	10410	10410	10410	10410	10410
10415	10415	10415	10415	10415	10415	10415	10415	10415
10420	10420	10420	10420	10420	10420	10420	10420	10420
10425	10425	10425	10425	10425	10425	10425	10425	10425
10430	10430	10430	10430	10430	10430	10430	10430	10430
10435	10435	10435	10435	10435	10435	10435	10435	10435
10440	10440	10440	10440	10440	10440	10440	10440	10440
10445	10445	10445	10445	10445	10445	10445	10445	10445
10450	10450	10450	10450	10450	10450	10450	10450	10450
10455	10455	10455	10455	10455	10455	10455	10455	10455
10460	10460	10460	10460	10460	10460	10460	10460	10460
10465	10465	10465	10465	10465	10465	10465	10465	10465
10470	10470	10470	10470	10470	10470	10470	10470	10470
10475	10475	10475	10475	10475	10475	10475	10475	10475
10480	10480	10480	10480	10480	10480	10480	10480	10480
10485	10485	10485	10485	10485	10485	10485	10485	10485
10490	10490	10490	10490	10490	10490	10490	10490	10490
10495	10495	10495	10495	10495	10495	10495	10495	10495
10500	10500	10500	10500	10500	10500	10500	10500	10500

**LEGEND**

- Geology**
- 7 Micro Diorite
  - Tertiary
  - 6 Rebrecciated Altered trachytic tuff light brown to medium green in colour
  - Lower-Middle Jurassic
  - 5 Basalt flows and Volcanoclastics dark grey to black in colour
  - 4 Bactite-Andesite medium to dark grey green
  - 4a Amygdaloidal rhyolite
  - 3 Argillite, black and very fine laminated welded tuff
  - 3a Pebble conglomerate
  - 3b Interbedded siltstone and argillite
  - 2 Syenitic/trachytic crystal lithic tuff (breccia) tan to light brown in colour
  - 1 Trachytic tuff medium to dark grey in colour

**Abbreviations**

- py pyrite
- qtz/CO<sub>2</sub> quartz, carbonate alteration with stringers and veinlets

**Symbols**

- Talus Slope
- ID Post
- Pond
- Rock Sample
- Strike and Dip
- Silt Sample
- Gossan Area
- Cliff
- Creek
- Float Sample
- Basalt Dykes
- Rock Sample sent for petrographic analysis
- Contact: definite, approximate, assumed
- Sedimentary or trachytic tuff beds

Map Sheet Index

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

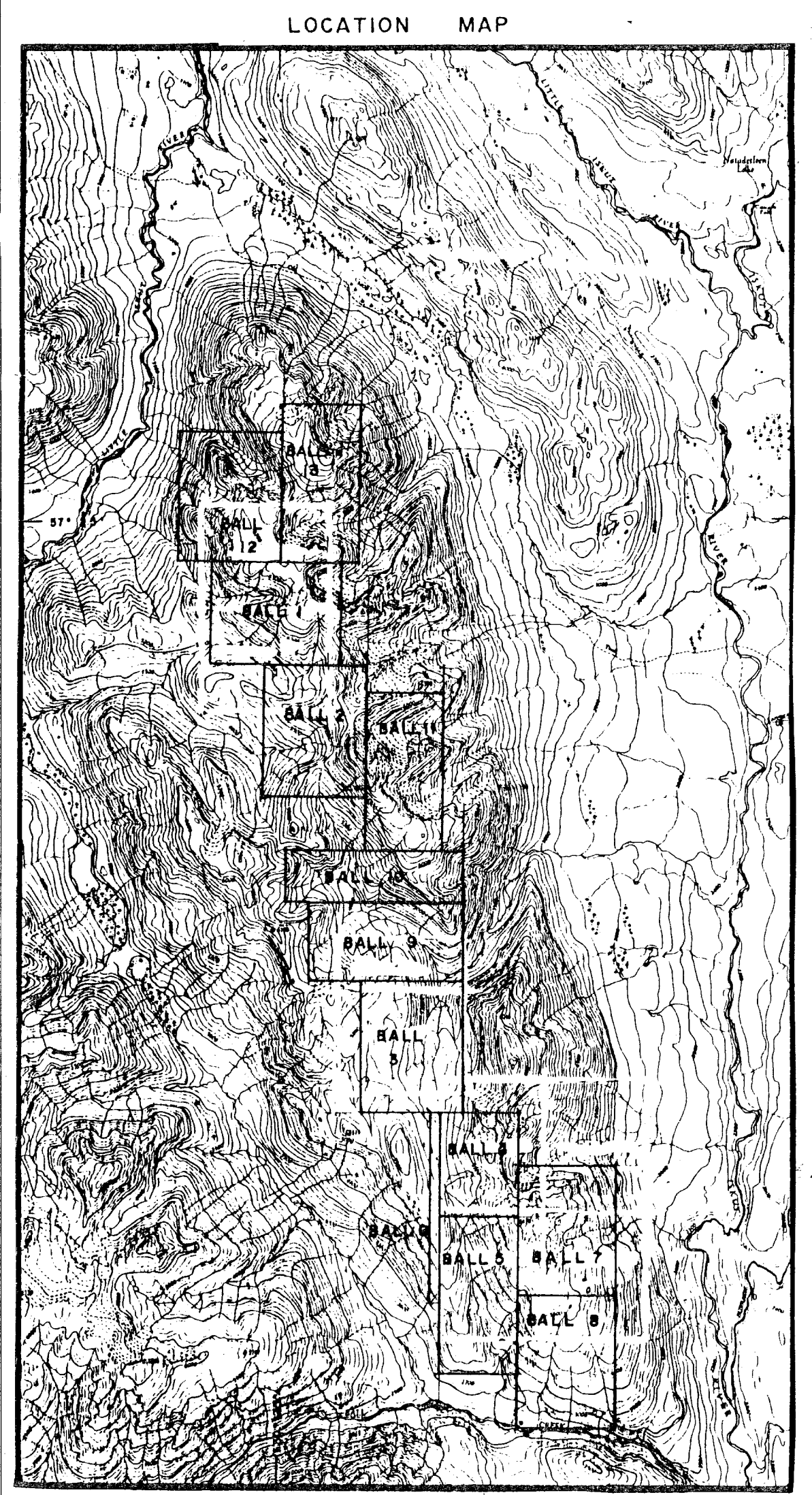
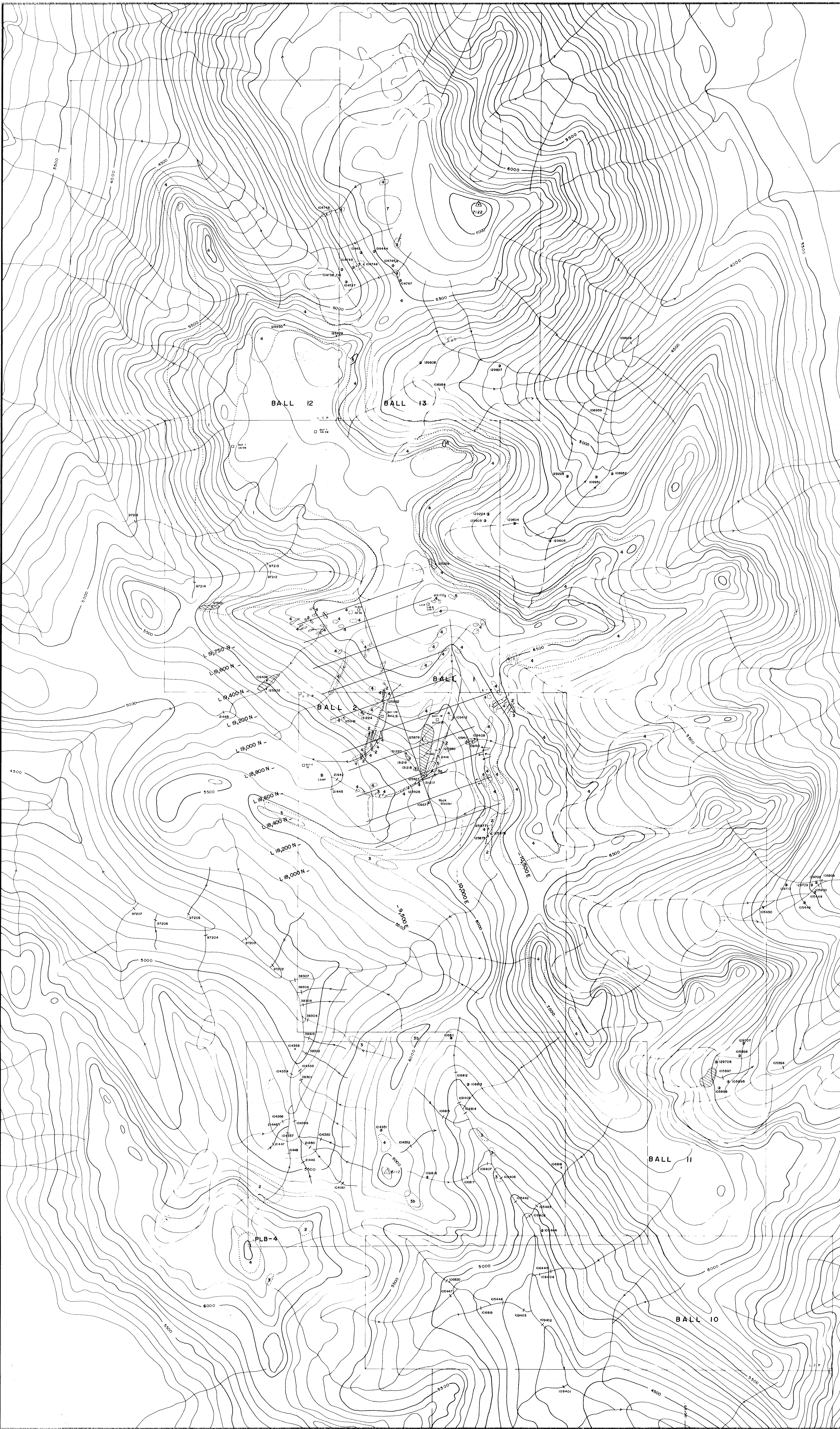
20,617

SCALE 1:10,000

REVISED	ISKUT GOLD
	BALL CLAIMS
	GEOLOGY & SAMPLE LOCATION MAP (North)
PROJ. No 273	SURVEY BY DATE
NTS 1:645/8W	DRAWN BY S.K.R. SCALE 1:10,000
DWG No	<b>NORANDA EXPLORATION</b>
FIG. 4	OFFICE PRINCE GEORGE, B.C.

Part 2 of 2





SCALE 1:100,000

GRID	U	V	W	X	Y	Z	AA	AB
10400	1	1	1	1	1	1	1	1
10410	1	1	1	1	1	1	1	1
10420	1	1	1	1	1	1	1	1
10430	1	1	1	1	1	1	1	1
10440	1	1	1	1	1	1	1	1
10450	1	1	1	1	1	1	1	1
10460	1	1	1	1	1	1	1	1
10470	1	1	1	1	1	1	1	1
10480	1	1	1	1	1	1	1	1
10490	1	1	1	1	1	1	1	1
10500	1	1	1	1	1	1	1	1
10510	1	1	1	1	1	1	1	1
10520	1	1	1	1	1	1	1	1
10530	1	1	1	1	1	1	1	1
10540	1	1	1	1	1	1	1	1
10550	1	1	1	1	1	1	1	1
10560	1	1	1	1	1	1	1	1
10570	1	1	1	1	1	1	1	1
10580	1	1	1	1	1	1	1	1
10590	1	1	1	1	1	1	1	1
10600	1	1	1	1	1	1	1	1
10610	1	1	1	1	1	1	1	1
10620	1	1	1	1	1	1	1	1
10630	1	1	1	1	1	1	1	1
10640	1	1	1	1	1	1	1	1
10650	1	1	1	1	1	1	1	1
10660	1	1	1	1	1	1	1	1
10670	1	1	1	1	1	1	1	1
10680	1	1	1	1	1	1	1	1
10690	1	1	1	1	1	1	1	1
10700	1	1	1	1	1	1	1	1
10710	1	1	1	1	1	1	1	1
10720	1	1	1	1	1	1	1	1
10730	1	1	1	1	1	1	1	1
10740	1	1	1	1	1	1	1	1
10750	1	1	1	1	1	1	1	1
10760	1	1	1	1	1	1	1	1
10770	1	1	1	1	1	1	1	1
10780	1	1	1	1	1	1	1	1
10790	1	1	1	1	1	1	1	1
10800	1	1	1	1	1	1	1	1
10810	1	1	1	1	1	1	1	1
10820	1	1	1	1	1	1	1	1
10830	1	1	1	1	1	1	1	1
10840	1	1	1	1	1	1	1	1
10850	1	1	1	1	1	1	1	1
10860	1	1	1	1	1	1	1	1
10870	1	1	1	1	1	1	1	1
10880	1	1	1	1	1	1	1	1
10890	1	1	1	1	1	1	1	1
10900	1	1	1	1	1	1	1	1
10910	1	1	1	1	1	1	1	1
10920	1	1	1	1	1	1	1	1
10930	1	1	1	1	1	1	1	1
10940	1	1	1	1	1	1	1	1
10950	1	1	1	1	1	1	1	1
10960	1	1	1	1	1	1	1	1
10970	1	1	1	1	1	1	1	1
10980	1	1	1	1	1	1	1	1
10990	1	1	1	1	1	1	1	1
11000	1	1	1	1	1	1	1	1

**LEGEND**

- Geology**
- 7 Micro Diorite
  - Tertiary
  - 6 Rebrecciated Altered trachytic tuff light brown to medium green in colour
  - Lower-Middle Jurassic
  - 5 Basalt flows and Volcanoclastics dark grey to black in colour
  - 4 Dacite-Andesite medium to dark grey green
  - 4a Amygdaloidal rhyolite
  - 3 Argillite, black and very fine laminated welded tuff
  - 3a Pebble conglomerate
  - 3b Interbedded siltstone and argillite
  - 2 Syenitic/trachytic crystal lithic tuff (breccia) tan to light brown in colour
  - 1 Trachytic tuff medium to dark grey in colour

**Abbreviations**

- py pyrite
- qtz/CO<sub>2</sub> quartz, carbonate alteration with stringers and veinlets

**Symbols**

- Talus Slope
- ID Post
- Pond
- Rock Sample
- Strike and Dip
- Silt Sample
- Gossan Area
- Cliff
- Creek
- Float Sample
- Basalt Dykes
- Rock Sample sent for petrographic analysis
- Contact: definite, approximate, assumed
- Sedimentary or trachytic tuff beds

Map Sheet Index

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

20,617

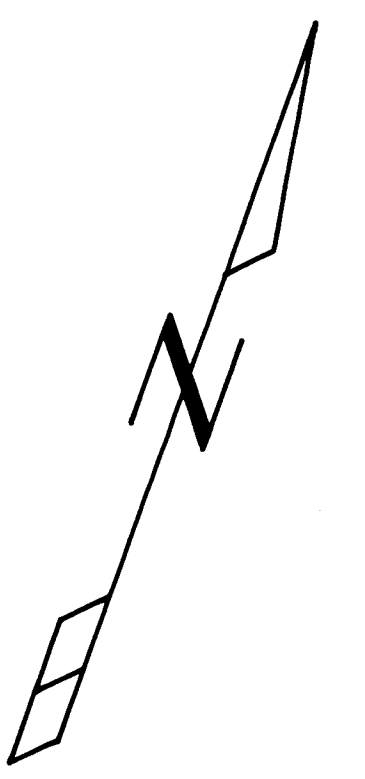
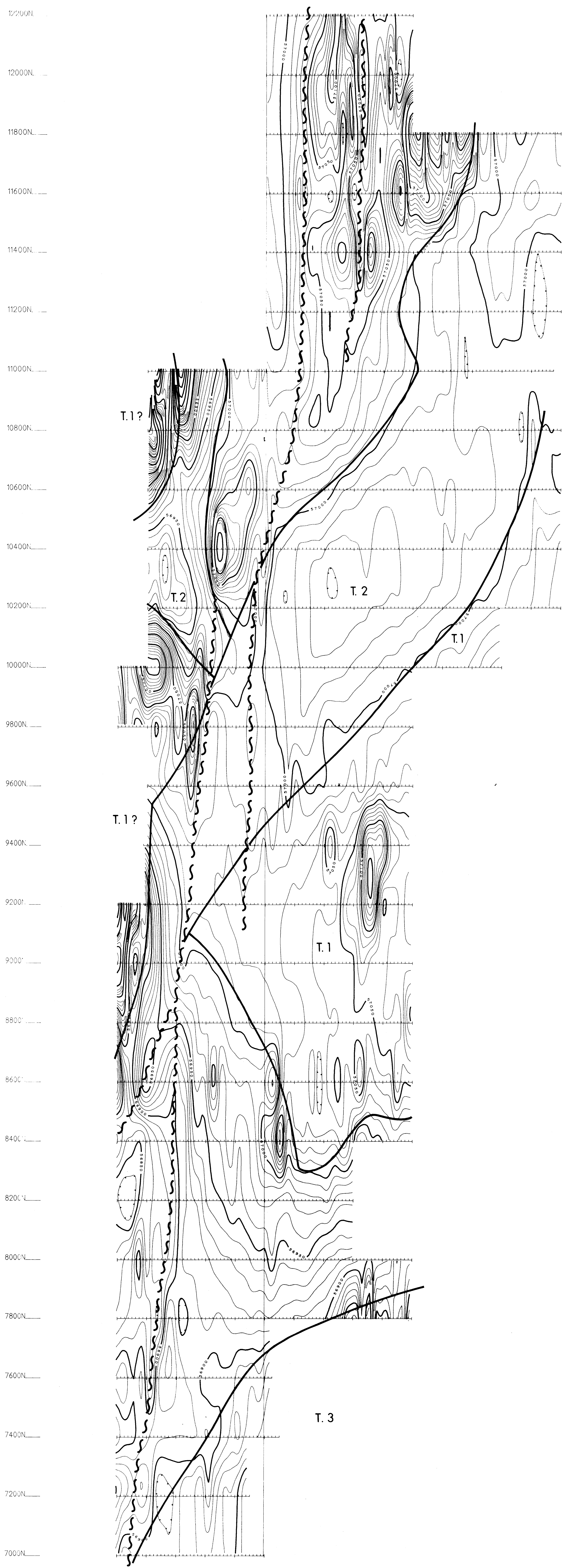
SCALE 1:10,000

REVISED	ISKUT GOLD	
	BALL CLAIMS	
	GEOLOGY & SAMPLE LOCATION MAP (North)	
PROJ. No. 275	SURVEY BY S.K.B.	DATE
N.T.S. 1046/BW	DRAWN BY S.K.B.	SCALE 1:10,000
DWG No.	<b>NORANDA EXPLORATION</b>	
FIG. 4	OFFICE PRINCE GEORGE, B.C.	





MAGNETOMETER SURVEY - BALL CREEK PROJECT # 289 - NORANDA EXPLORATION



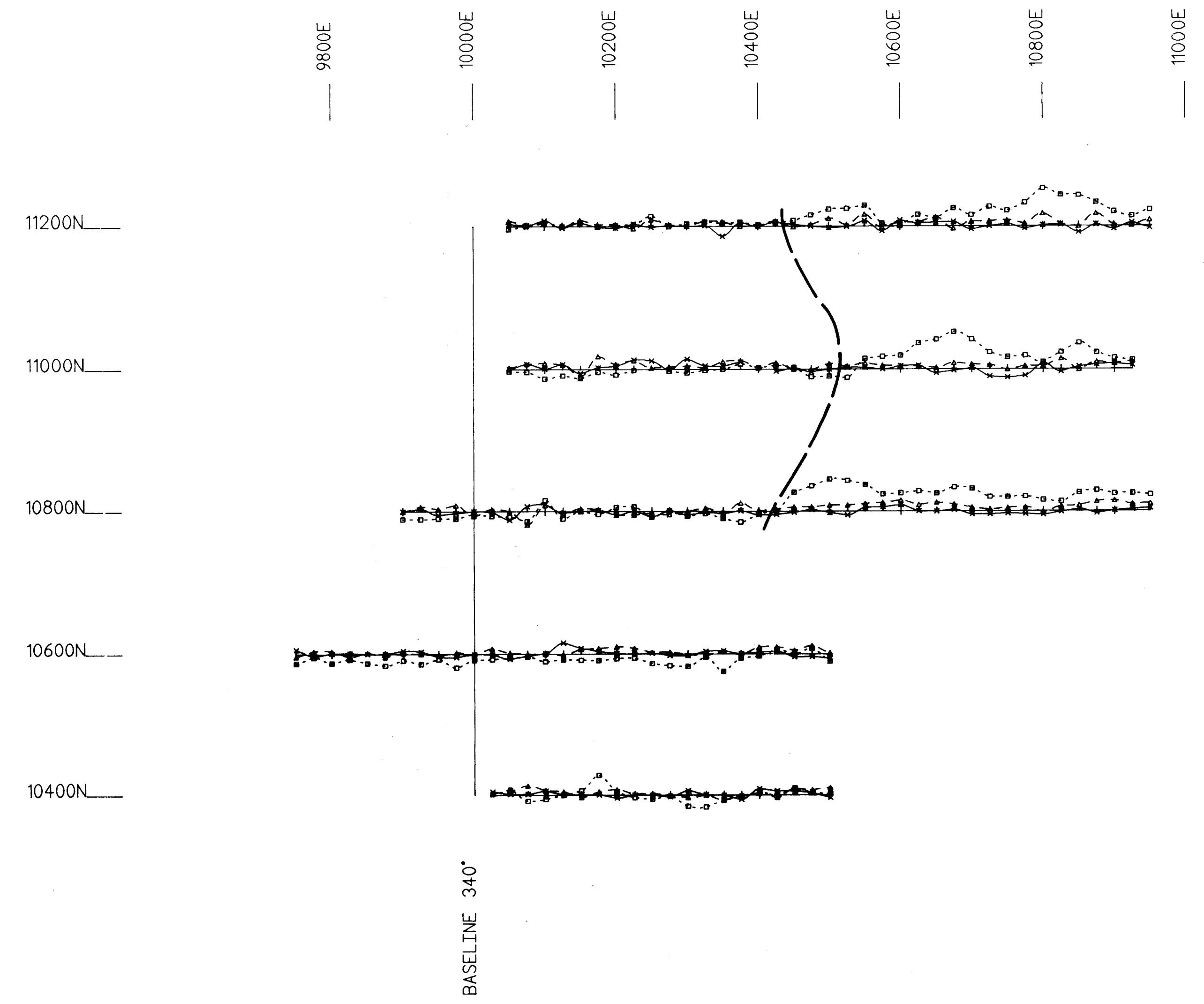
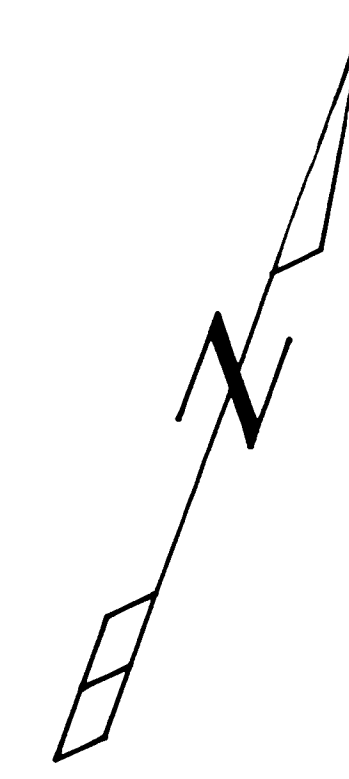
**LEGEND**

- ~ ~ ~ Magnetic Break
- — — Magnetic Contact

**Geological Branch Assessment Report**  
 T.1 Magnetic Terrain Type  
 20,617 Part 2 of 2

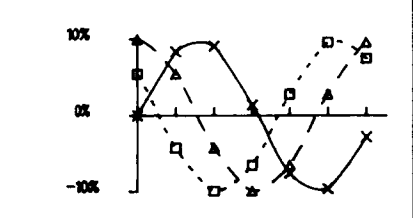
Instrument	: 04424
Datum	: 00 m
Contour Interval	: 10 m
Conductor Axis	:

<b>BALL</b>	
<b>MAGNETOMETER SURVEY</b>	
PROJECT: BALL CREEK	PROJECT #: 289
BASELINE AZIMUTH: 340 Deg.	
SCALE = 1 : 5000	DATE : 9/ 6/90
SURVEY BY : TW/CC	NTS :
FILE: M289BAL	
<b>FIG. 18 NORANDA EXPLORATION</b>	



ASSESSMENT REPORT  
**20,617**

--- Contact  
*Part 2 of 2*



Instrument : IGS  
 Coil Spacing : 100m  
 Ref. Frequency : 112 Hz  
 Vertical Scale : 1 cm = 10%  
 Conductor Axis :  
 337 Hz - x-x-x-  
 1012 Hz - - - - -  
 3037 Hz - o-o-o-  
 100m 50m 0m 100m 200m

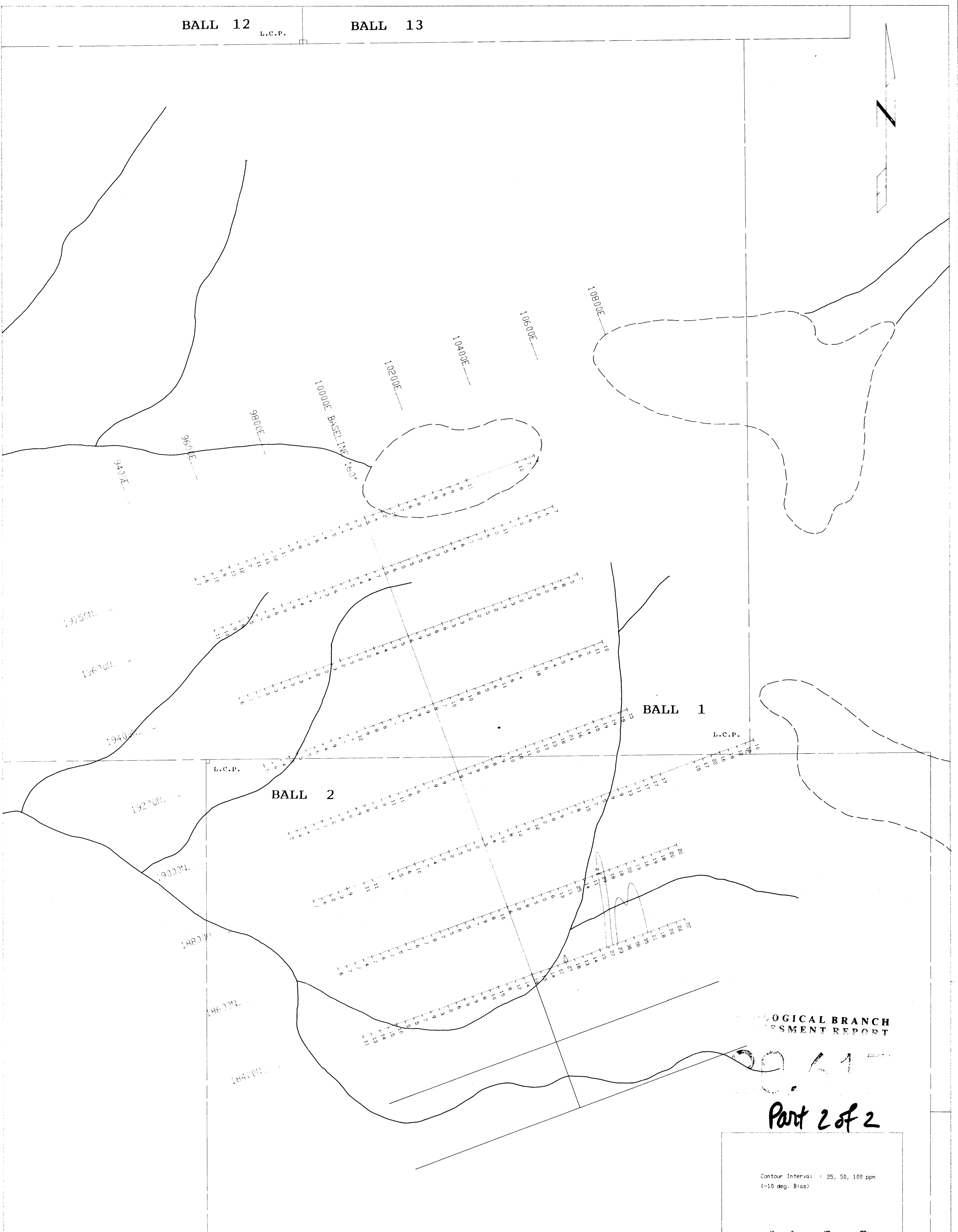
**BALL CREEK**  
**SE-88 EM SURVEY**  
 PROJECT: BALL CREEK PROJECT # : 289  
 BASELINE AZIMUTH : 340 Deg.  
 SCALE = 1:5000 DATE : 9/18/90  
 SURVEY BY : TW NTS :  
 FILE: Sball  
**FIG. 16 NORANDA EXPLORATION**





BALL 12  
L.C.P.

BALL 13



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

0.61  
Part 2 of 2

Contour Interval : 25, 50, 100 ppm  
(-10 deg. Bias)



<b>BALL CREEK (NORTH)</b>	
SOIL GEOCHEMICAL SURVEY	
PPM Pb	
PROJECT: BALL CREEK PROJECT #: 289	
BASELINE AZIMUTH: 160 Deg.	
SCALE = 1: 5000	DATE: 8/18/90
SURVEY BY: M. SAVELL	NTS: 104G08
FILE: C289BALN	
<b>FIG. 14 NORANDA EXPLORATION</b>	

2775 5/22  
See 14 Dec 1990 at 1450 Centre of Plot in 1990 ANTI-DUST & SPILL - Regulatory Report - NORANDA EXPLORATION







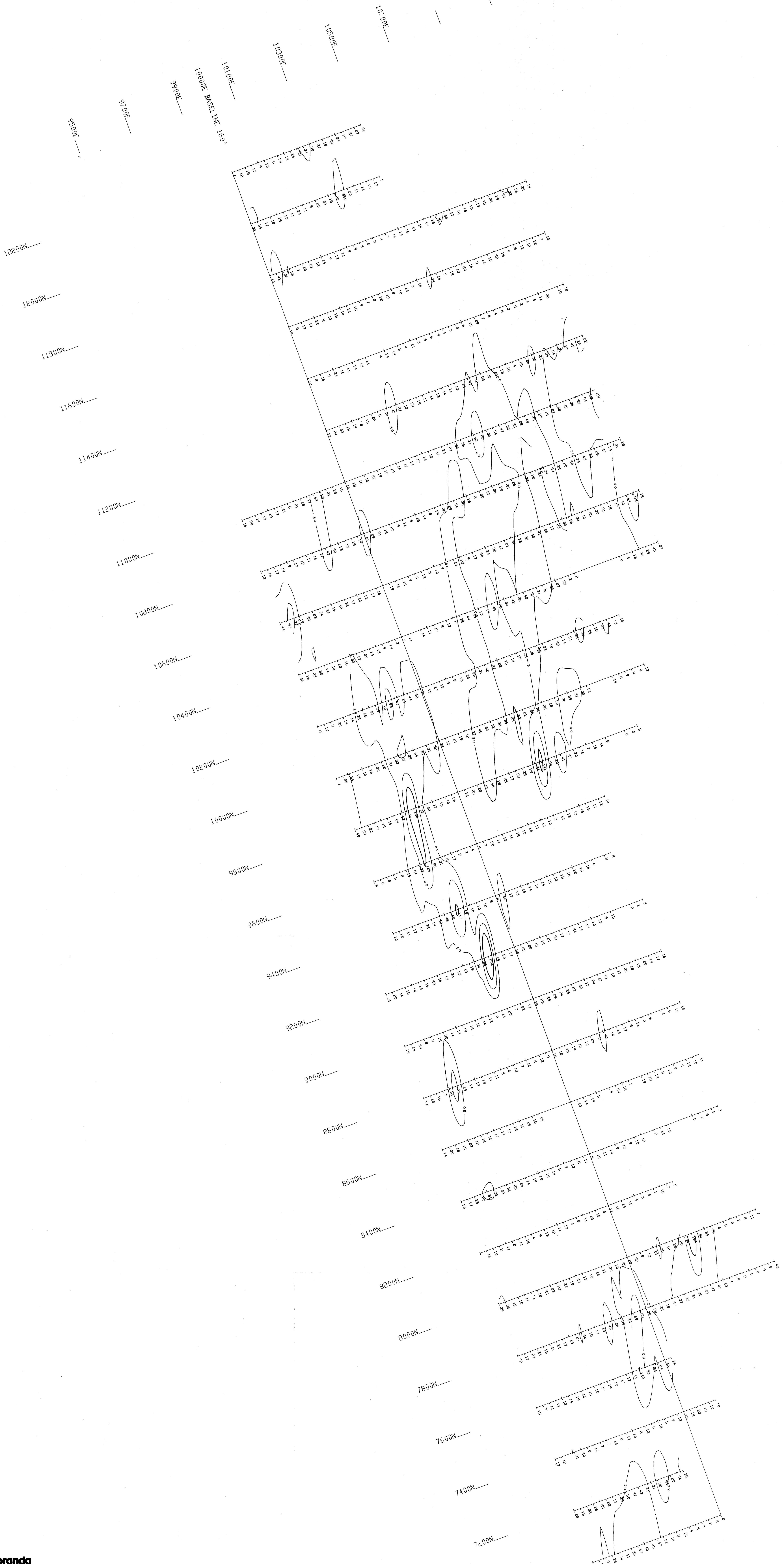








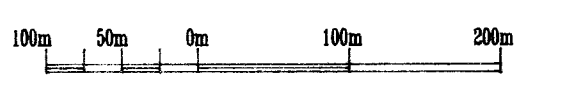
REPRODUCED FROM THE ORIGINAL SURVEY RECORDS OF THE PROJECT. THE ORIGINAL RECORDS ARE FILED IN THE PROJECT FILE AT THE PROJECT OFFICE.



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,617  
Part 2 of 2

Contour Interval : 30, 60, 100 ppm  
(-10 deg. Bias)



**BALL CREEK (SOUTH)**

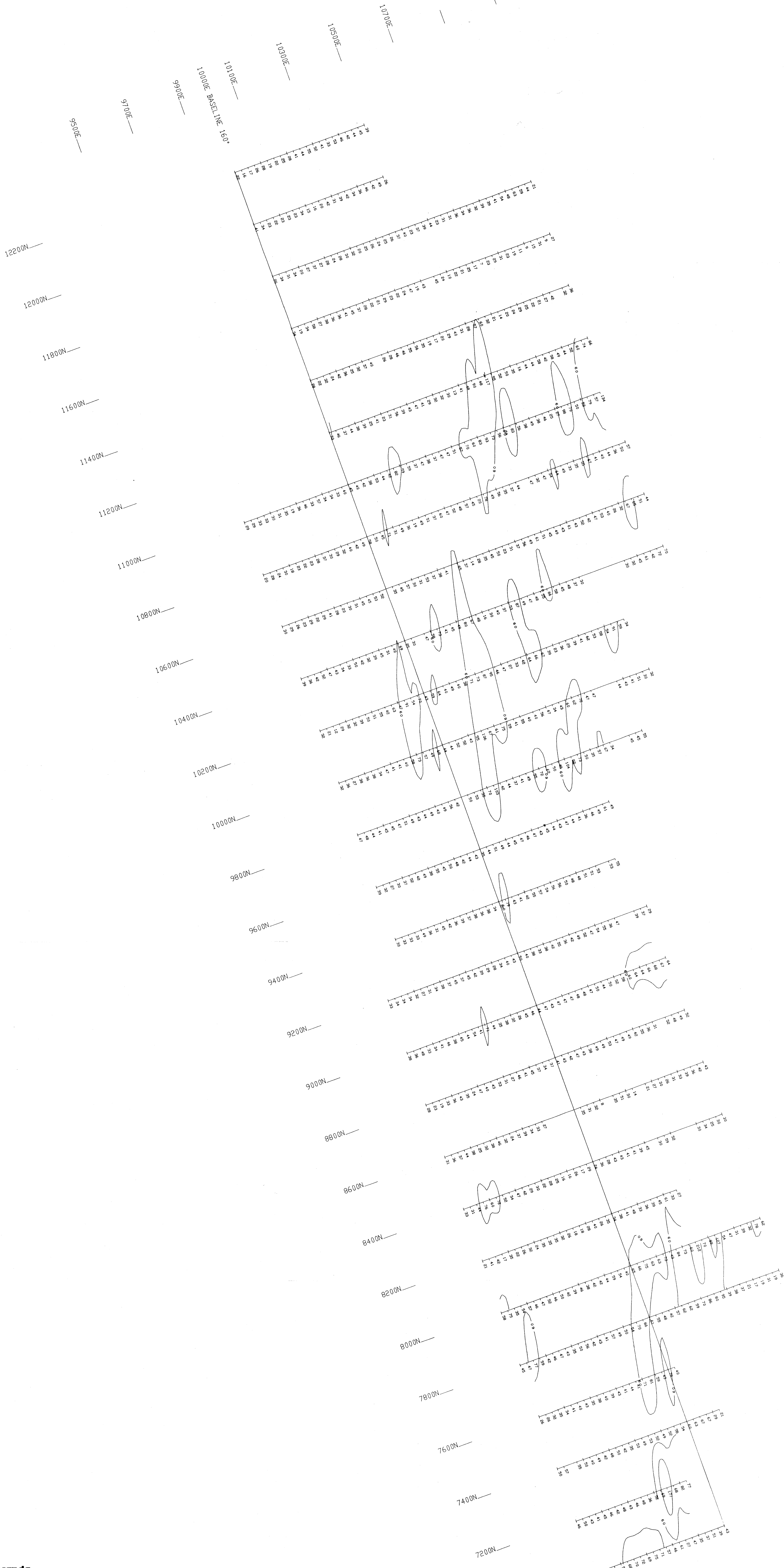
SOIL GEOCHEMICAL SURVEY  
PPM AS  
PROJECT: BALL CREEK PROJECT #: 289  
BASELINE AZIMUTH: 160 Deg.

SCALE = 1:5000 DATE: 9/27/89  
SURVEY BY: M SAVELL NTS: 104G  
FILE: C289BALS

FIG. 6 NORANDA EXPLORATION

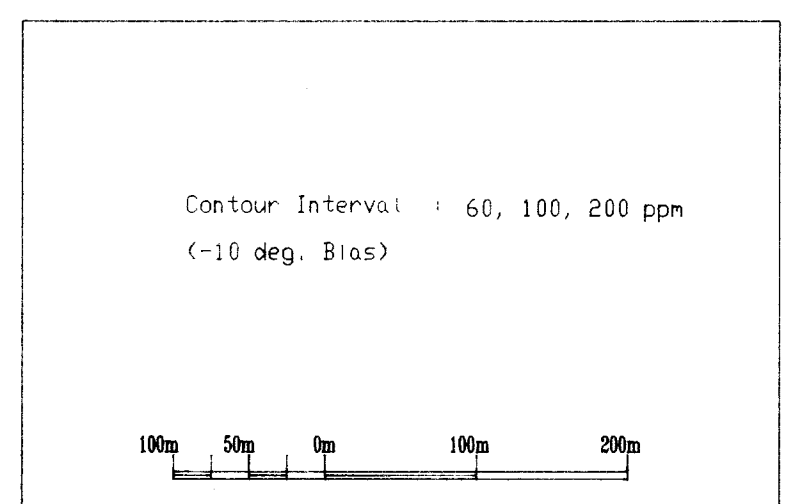


NORANDA MINING AND METALS DIVISION



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,617  
Part 2 #2



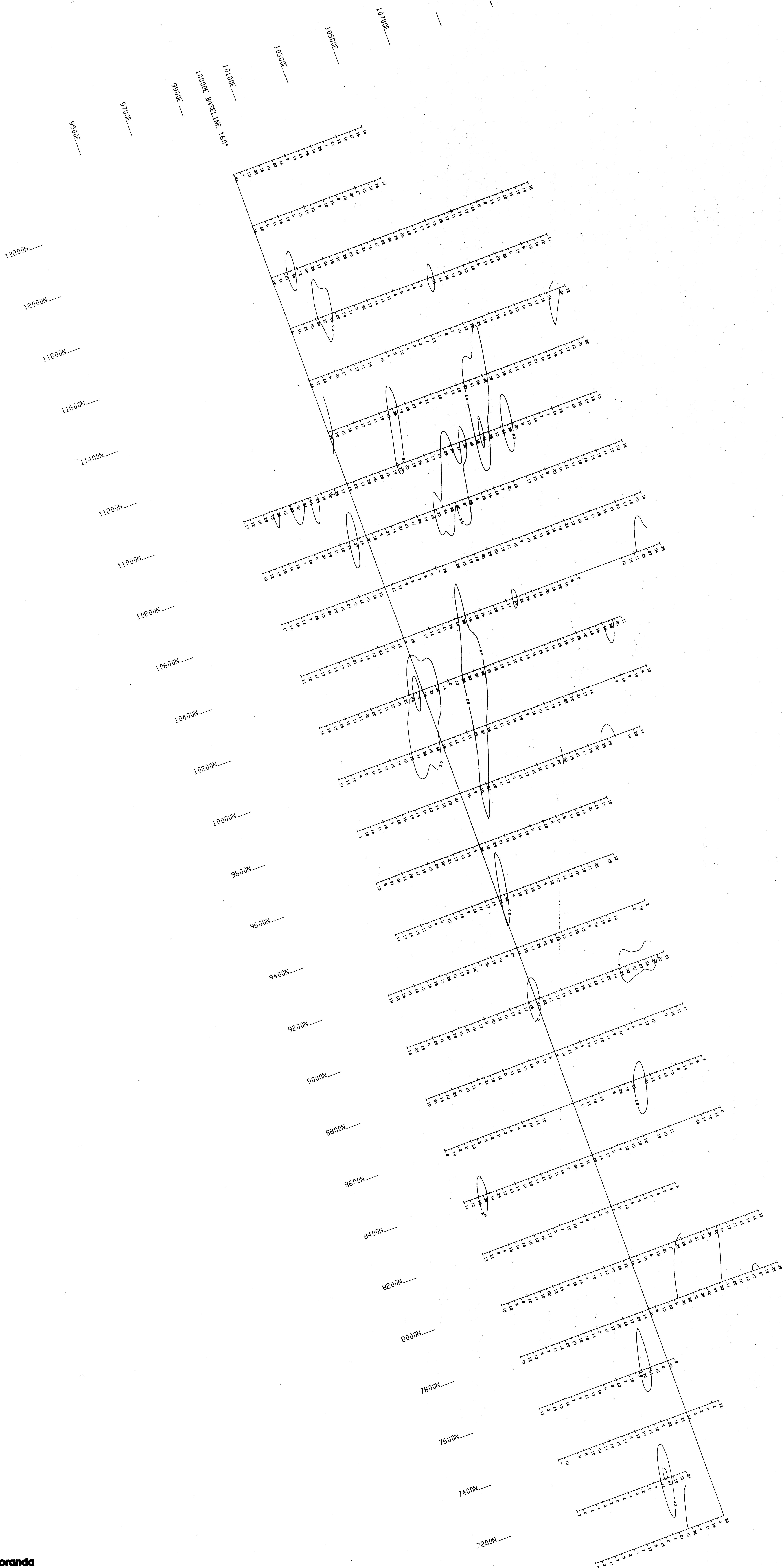
**BALL CREEK (SOUTH)**  
**SOIL GEOCHEMICAL SURVEY**  
 PM Cu  
 PROJECT: BALL CREEK PROJECT #: 289  
 BASELINE AZIMUTH: 160 Deg.

SCALE = 1:5000      DATE: 9/27/89  
 SURVEY BY: M. SAVELL      NTS: 104G  
 FILE: C289BALS

**FIG. 7** NORANDA EXPLORATION

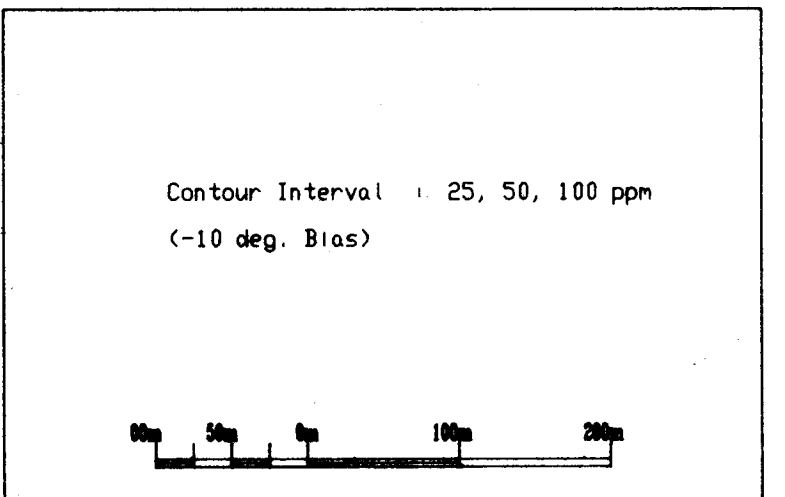


ILLUSTRATION NUMBER: 20.117 Part 2 of 2



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20.117  
Part 2 of 2

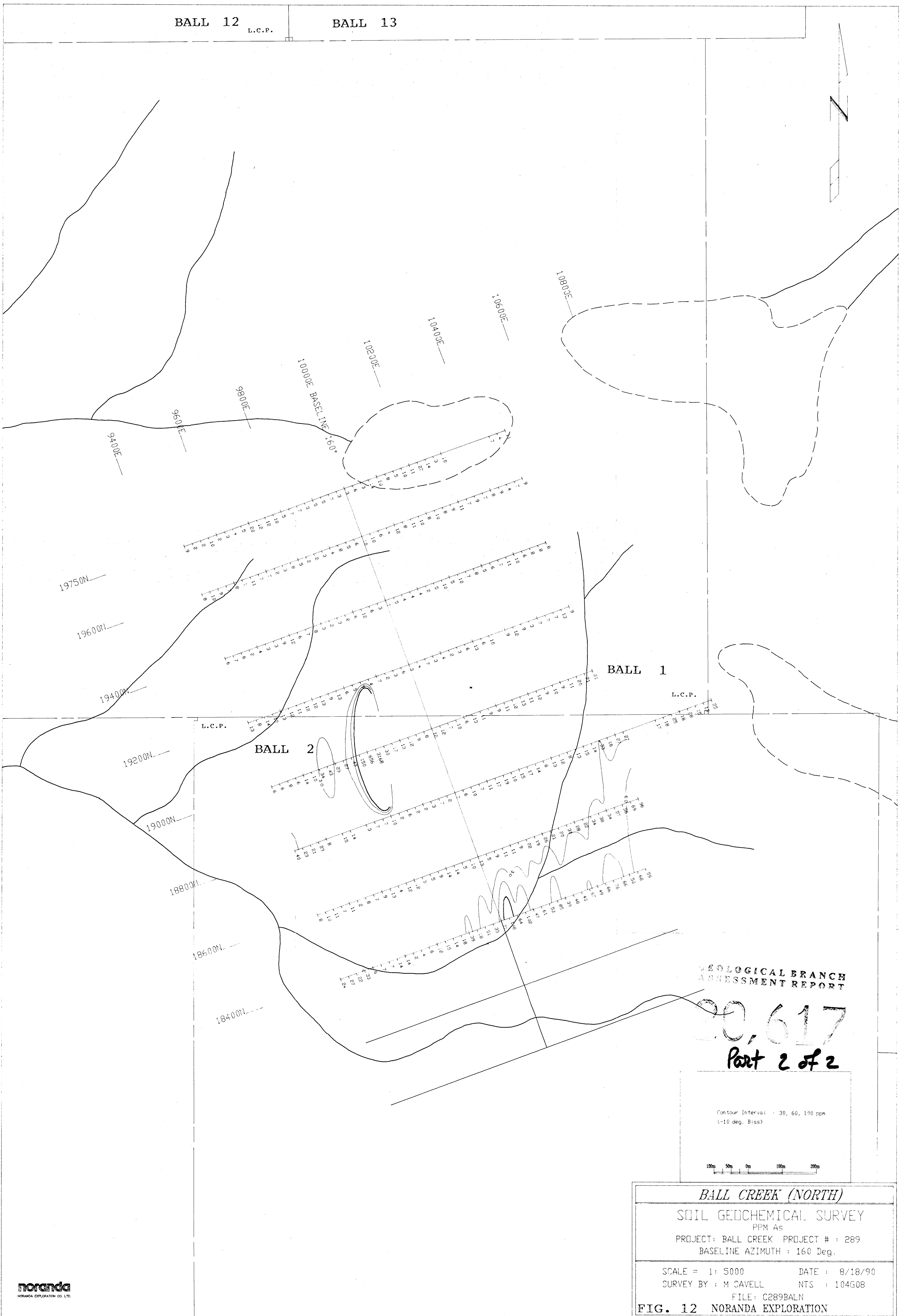


**BALL CREEK (SOUTH)**  
**SOIL GEOCHEMICAL SURVEY**  
 PPM Pb  
 PROJECT: BALL CREEK PROJECT # : 289  
 BASELINE AZIMUTH : 160 Deg.  
 SCALE = 1 : 5000 DATE : 9/27/89  
 SURVEY BY : M SAVELL NTS : 104G  
 FILE : C289BALS  
**FIG. 8 NORANDA EXPLORATION**



BALL 12  
L.C.P.

BALL 13



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Part 2 of 2

Contour Interval : 30, 60, 100 ppm  
(-10 deg. Bias)



BALL CREEK (NORTH)

SOIL GEOCHEMICAL SURVEY  
PPM As  
PROJECT: BALL CREEK PROJECT #: 289  
BASELINE AZIMUTH : 160 Deg.

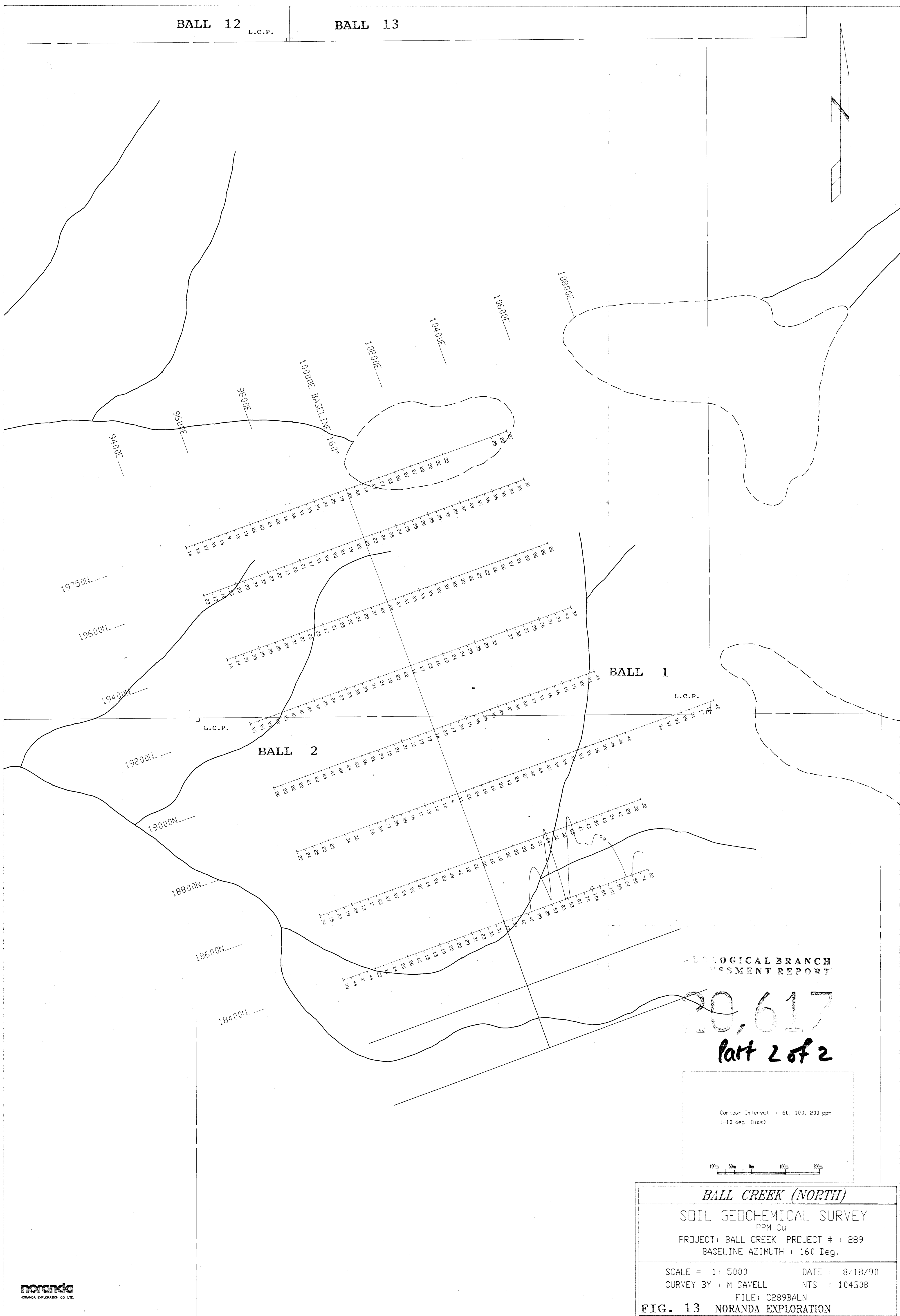
SCALE = 1 : 5000      DATE : 8/18/90  
SURVEY BY : M SAVELL      NTS : 104G08  
FILE: C289BALN

FIG. 12 NORANDA EXPLORATION



BALL 12 L.C.P.

BALL 13



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Part 2 of 2

Contour Interval : 60, 100, 200 ppm  
(-10 deg. Bias)



**BALL CREEK (NORTH)**

**SOIL GEOCHEMICAL SURVEY**

PPM Cu

PROJECT: BALL CREEK PROJECT #: 289

BASELINE AZIMUTH : 160 Deg.

SCALE = 1: 5000

DATE : 8/18/90

SURVEY BY : M SAVELL

NTS : 104G08

FILE: C289BALN

**FIG. 13 NORANDA EXPLORATION**