ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.06.16

ASSESSMENT REPORT 17544 MINING DIVISION: Atlin

PROPERTY: YJ 7-8
LOCATION: LAT 59 37 00 LONG 133 32 00
UTM 08 6609427 582750
NTS 104N12E
CLAIM(S): YJ 7-8
OPERATOR(S): Homestake Min. Dev.
AUTHOR(S): McIvor, D.F.
REPORT YEAR: 1988, 15 Pages
COMMODITIES SEARCHED FOR: Gold,Silver,Arsenic
GEOLOGICAL SUMMARY: The property is underlain by intercalated Pennsylvanian volcanics and carbonate rocks of the Cache Creek Group and Permian ultramafic intrusive rocks. The contact between two sites of structurally controlled hydrothermal alteration (silicification, carbonatization), with sporadic quartz stringers was examined.

WORK DONE: Geological
GEOL 1000.0 ha
Map(s) - 2; Scale(s) - 1:2500

SUMMARY REPORT OF MINERAL EXPLORATION ACTIVITY ON CLAIMS YJ7 AND YJ8 NORTH CLAIM GROUP,

ATLIN MINING DIVISION,
BRITISH COLUMBIA

NTS: 104N.12E

LATITUDE: 59° 37' NORTH

LONGITUDE: 133°33' WEST

OWNER: HOMESTAKE MINERAL DEVELOPMENT COMPANY LTD.

OPERATOR: HOMESTAKE MINERAL DEVELOPMENT COMPANY LTD.

BY: DUNCAN MCIVOR

DATE: JANUARY 1988

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1. SUMMARY

The YJ7 and YJ8 claims are located 9 kilometers northeast of the town of Altin, in northwestern British Columbia. During the period June through October 1987, Homestake Mineral Development Company Ltd. completed a program of reconnaissance geological mapping, lithogeochemical sampling, and magnetometer surveys over the claim group.

The mapping indicated that the property was underlain in the north by intercalated andesites and limestones of the Cache Creek Group, and in the south by ultramafic intrusive rocks.

The area proximal to this contact, a prominant northeast-southwest trending magnetic low feature, is believed to be an area of hydrothermal alteration related to structural emplacement of the ultramafic rocks. One outrcrop of silica-carbonate-mariposite altered ultramafic rock outcrops along the contact zone, but carried no anomalous gold values. No anomalous gold values were returned from any of the other samples collected on the property.

2. INTRODUCTION

2.1 Scope of Report

This report briefly summarizes all mineral exploration activity carried out on claims YJ7 and YJ 8 during the period June through October 1987 by Homestake Mineral Development Company Ltd.

2.2 Location, Access and Physiography

Claims YJ7 and YJ 8 are located 9 kilometers northeast of the town of Atlin, in northwestern British Columbia (see Figures 1 and 2).

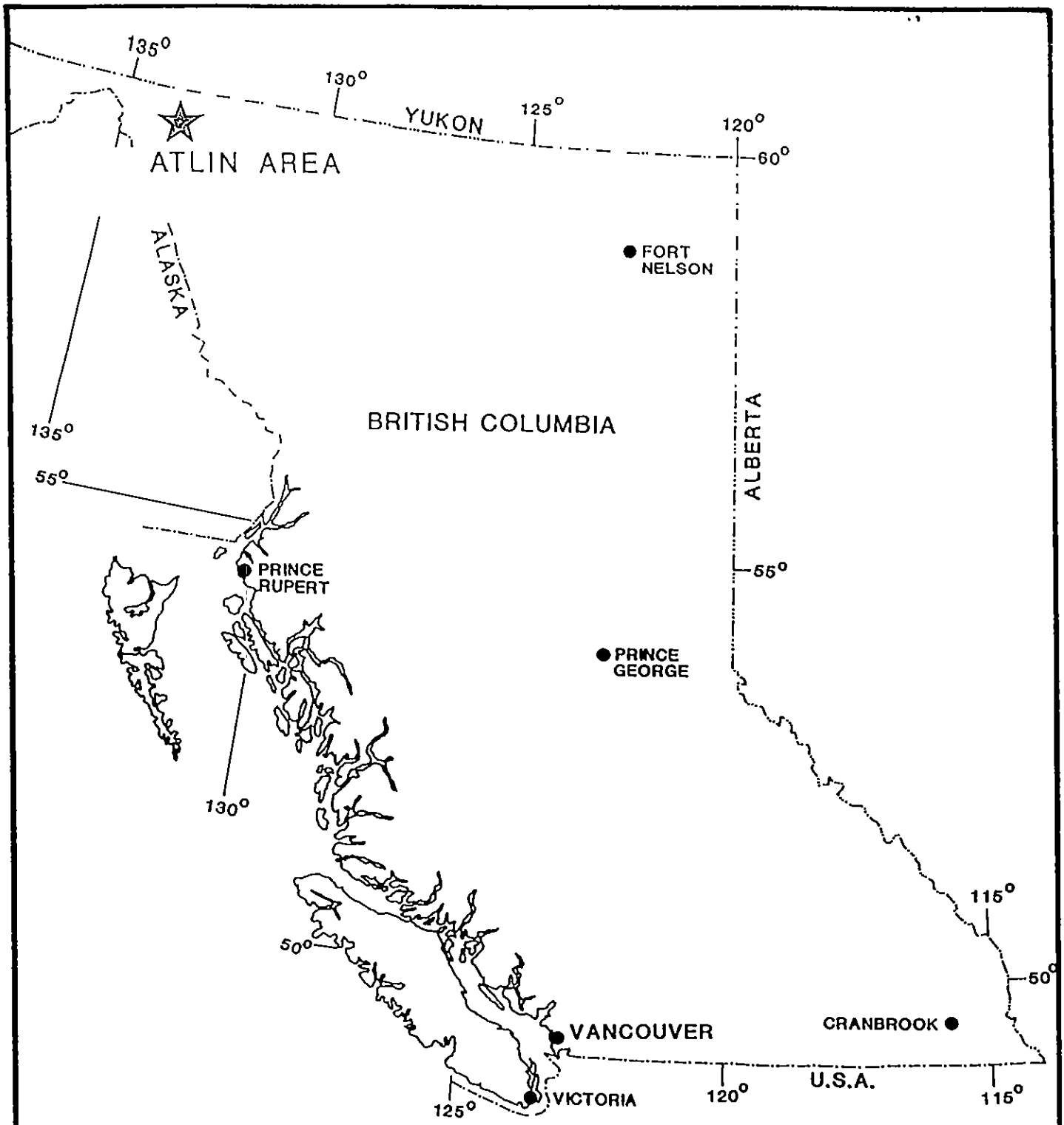
The two claims (each 20 units in size) form a rectangular contiguous block 5 kilometers by 2 kilometers extending east-west along the southeast facing slope of Mt. Munro.

Relief on the property is high, with Mt. Munro rising almost 500 meters above the extensive spruce swamp that lay at its base. Slopes are steep in the western part of the property, often in the 35-45° range, and gradually become shallower east along the claim group.

Outcrop exposure constitutes approximately 10% of the property area, the majority of this occurring on the steep faces of Mt. Munro on the westernmost claim (YJ 7).

Vegetation on the mountain face changes from poplar at the base through to alder and eventually hazel scrub at the top of the mountain.

Prior to construction of drill access roads late this year, access to the property was by foot, and involved a 3 kilometer, 2 hour hike and climb north from the Surprise Lake Road to the northernmost reaches of the property. Drill roads now allow truck access to southern parts of the property, and considerably reduce the time required to reach the northern areas.

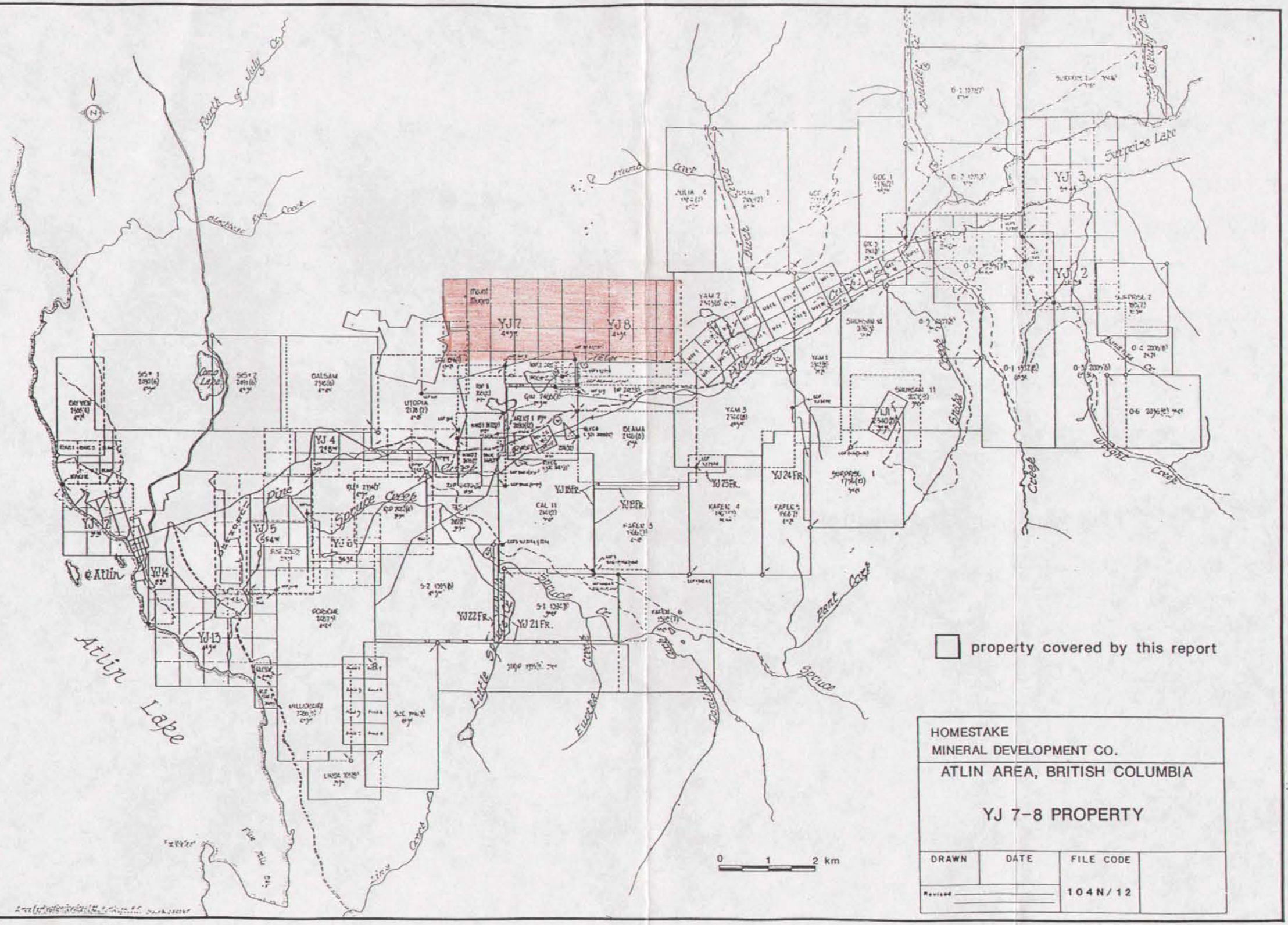


HOMESTAKE
MINERAL DEVELOPMENT COMPANY

ATLIN PROJECTS
BRITISH COLUMBIA

LOCATION MAP

DRAWN	DATE	FILE CODE	
KMc	11/87	104N/11;12	map 1
Revised			



property covered by this report

HOMESTAKE
MINERAL DEVELOPMENT CO.

ATLIN AREA, BRITISH COLUMBIA

YJ 7-8 PROPERTY

DRAWN	DATE	FILE CODE	
Revised		104N/12	

2.3 Claim Status

Both claims are part of a larger grouping of claims known as the "North Group", all of which are in good standing until early 1989.

2.4 General Geologic Setting

The property lies near the western edge of the northwest trending "Atlin Terrane", which is underlain by Upper Paleozoic oceanic crustal rocks (Monger, 1975). These rocks are correlated with the Cache Creek Group rocks of southern and central British Columbia.

Within the Atlin Terrane, andesitic to basaltic flows are overlain by cherts and thick shallow water carbonate rocks. Discordant granitic plutons, ranging in age from Late Jurassic to early Tertiary, locally intrude the stratigraphy. Some remnant Tertiary volcanics and sediments are found within the area.

Also within the Atlin Terrane, and co-eval or immediately post dating the Cache Creek group rocks, are large ultramafic bodies which define a discordant belt trending west across the tectonic fabric of the terrane. The ultramafic bodies are commonly intensely serpentinized, and in some areas extensively hydrothermally altered to a listwanite-like assemblage of silica, carbonate and mariposite/fuchsite.

The YJ7-8 claim group is underlain predominantly by intercalated intermediate volcanics and limestones of the Cache Creek Group, and intruded in the southeast section of the property by ultramafic rocks. Figure 3 illustrates the general geology of the Atlin area, and the location of the property within that geologic setting.

2.5 Preliminary Economic Assessment

The majority of known lode gold mineralization within the Atlin Camp is associated with intensely altered (silica-carbonate-mariposite/fuchsite) ultramafic rocks proximal to their fault bounded or intrusive contacts with rocks of the Cache Creek Group.

The mineralization is almost exclusively hosted in quartz-carbonate veins and vein stockworks within these altered packages of rocks, occurring either as often spectacular free gold, or in intimate association with gangue sulphides such as pyrite, chalcopyrite, arsenopyrite, sphalerite, galena, and sulfosalts (pyrargyrite, tetrahederite).

The YJ7-8 claim group, in as much as it covers a major contact between ultramafic rocks in the south and Cache Creek Group rocks in the north, may host the type of mineralization discussed above. There may also be a limited skarn potential with the large limestone component in the Cache Creek Group locally.

2.6 Exploration History

Prior to acquisition by Homestake Mineral Development Company Ltd. in 1986, there is no recorded exploration work on the property.

LEGEND

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

17 — GLACIAL DRIFT ; ALLUVIUM

TERTIARY AND QUATERNARY

16 — OLIVINE BASALT AND SCORIA ; 16a TERTIARY 16b PLEISTOCENE

TERTIARY (?)

15 — 15a QUARTZ MONZONITE 15b GRANOPHYRE 15c GABBRO AND DIORITE

CRETACEOUS OR TERTIARY

14 — SLOKO GROUP ANDESITE, BASALT, ALBITE TRACHITE, ALBITE RHYOLITE, DACITE AND RELATED PYROCLASTIC ROCKS ; CONGLOMERATE, SANDSTONE

CRETACEOUS

13 — ALASKITE

JURASSIC (MAY BE IN PART OLDER OR YOUNGER)

12 — COAST INTRUSIONS UNDIFFERENTIATED GRANITIC ROCKS

JURASSIC

11 — LABERGE GROUP VOLCANIC GREYWACKE, SILTSTONE, MUDSTONE, SHALE, CONGLOMERATE

TRIASSIC

10 — GREYWACKE, CHERT, ARGILLITE, CONGLOMERATE, TUFF, SLATE, GREENSTONE, IMPURE LIMESTONE ; JASPER

PALEOZOIC

PENNSYLVANIAN AND PERMIAN

ATLIN INTRUSIONS PERIDOTITE ; META-DIORITE AND META-GABBRO ; SERPENTINITE ; CARBONITIZED SERPENTINITE ; TALC-BEARING (STEATITIZED) ULTRAMAFIC ROCKS

CACHE CREEK GROUP

8. LIMESTONE AND LIMESTONE BRECCIA
7. GREENSTONE AND VOLCANIC GREYWACKE ; DERIVED AMPHIBOLITE ; MINOR 6 AND 8
6. CHERT, ARGILLITE, CHERT-PEBBLE CONGLOMERATE AND CHERT BRECCIA ; QUARTZITE AND SCHIST ; MINOR 7 AND 8

UNDIFFERENTIATED, MAINLY VOLCANIC ROCKS OF UNCERTAIN, POSSIBLY SEVERAL, AGES.

~, ~ FAULT (ASSUMED, APPROXIMATE.)
FAULT (DEFINED)
FAULT (THRUST)
GEOLOGICAL CONTACT

HOMESTAKE MINERAL DEVELOPMENT COMPANY

ATLIN PROPERTIES
BRITISH COLUMBIA
REGIONAL GEOLOGY

0 20 40 60 80 100km

1:253,440

DRAWN	DATE	FILE CODE
KMc		104N/12

Revised

2.7 Work Completed to Date

During the period June through October 1987, the following work was completed on the property by Homestake Mineral Development Company Ltd.;

- 49 kilometers of reconnaissance geologic mapping traverses were completed on the property, and 5 samples collected for lithogeochemical analysis.

- 7 kilometers of reconnaissance magnetometer survey were completed on the property.

3. DETAILED TECHNICAL DATA

3.1 Geological Mapping

3.1.1. Methods Employed

As mentioned, 49 kilometers of reconnaissance type geological mapping traverses were completed on the property. For control purposes, a baseline was established along the northern boundary of the two claims, employing hip-chain and compass. From this baseline, crosslines were extended south for 2,000 meters at 250 meter intervals. Along these traverse lines, all encountered outcrops were tied into the crude grid, but no attempt was made to physically follow the perimeters of all outcrops with chain and compass, as was the case on other properties on which more detailed mapping was carried out.

In the course of mapping the property, at a scale of 1:2500, all encountered outcrops were described with regards to their lithology, structural orientation and the presence or absence of significant alteration, veining, or mineralization.

The results of the mapping appear in Appendix 1, as 1:2500 scale geological plan maps for claims YJ7 and YJ8.

3.1.2. Results and Interpretation

Lithologies

Six major lithological types outcrop on the property, and each is briefly described below. Note that the unit number below corresponds with the map legend, and implies no stratigraphic or structural sequence.

Unit 2 - Serpentinized Ultramafic

This unit, outcropping in the east and southern portions of the property, occurs as a very fine grained to aphanitic, massive dark green to black, strongly serpentinized rock. Serpentine content is highly variable, from 30% to 100%, but most commonly in the 50% - 60% range. The rock weathers a characteristic tan to buff colour, and is generally very strongly magnetic. The rock is occasionally porphyritic, with small 2-3 mm pyroxene or serpentine (pseudomorphic) phenocrysts.

Unit 3 - Totally Altered (Silica-Carbonate-Mariposite) Rock

Only one outcrop of this unit was observed, in the extreme northeast section of the property. The rock, on weathered surface a characteristic rusty-orange, is intensely carbonatized (magnesite-ankerite), and moderately silicified, with 10% - 15% disseminated mariposite/fuchsite blebs. Locally, the outcrop contains 10% thin carbonate stringers, and a few thin quartz stringers that appear to represent late stage fracture infilling. The outcrop is massive. No sulphide mineralization was observed.

Unit 4 - Diabase-Gabbbro

Outcropping in the central part of claim YJ7, the rock is characteristically fresh, massive, and medium grained. In a few places weak shearing is present, but never of sufficient intensity to mask the primary crystalline texture.

Unit 5 - Feldspar Porphyry

Only one outcrop of this lithology was observed, in the southeast corner of claim YJ7. The rock is comprised of a very fine grained to aphanitic intermediate groundmass, with an average of 35% small 1-2 mm plagioclase phenocrysts. Locally the rock was weakly schistose and in places the groundmass contained significant quantities of biotite.

Unit 9 - Andesite

The majority of rock outcropping on the property falls in this category. Characteristically, aphanitic to very fine grained, and medium to dark green, the rock varies from being strongly sheared and schistose across the northern half of the property, to massive throughout the south and central portions of the property.

Unit 14 - Limestone

Intercalcalted with the andesites, the limestone that outcrops on the property is commonly a medium to coarse grained, very granular, recrystallized appearing rock composed almost entirely of calcite. It is usually massive appearing, and nowhere on the property were any primary bedding features observed. In a few places the limestone appeared weakly sheared and schistose. No sulphide mineralization was observed, nor any significant alteration.

Structural/Stratigraphic Relationships

Based on the results of the mapping and the regional airborne magnetic data, below is a brief summary of the envisioned structural and stratigraphic setting of the property.

- A major contact between younger intrusive ultramafic rocks and older intercalated limestones and andesites of the Cache Creek Group trends southwest across the YJ8 claim at approximately 240°, from the northeast to southwest corner, and then turns west to continue across the southern portion of the YJ7 claim. This is probably a tectonic contact as oppossed to truly intrusive contact, as suggested by the presence of hydrothermal alteration in the ultramafics proximal to the contact in the northeast corner of YJ8. That alteration implies a permeability that is probably structurally related.

  Within the Cache Creek Group rocks, the stratigraphic sequence from north to south is;

- Andesites, this northern member exhibiting a strong persistant foliation/schistosity trending east-west and dipping to the south at 60°.

- A thin limestone member, usually featureless but for its coarse grained and re-crystallized texture.

- A second member of andesites, more massive and slighly coarser, more crystalline appearing than the northern member.

- A second member of limestone, identical in appearance to the first.

Within this sequence of Cache Creek Group rocks are very locallized, young intrusions of both gabbro-diabase and feldspar porphyry.

3.2 Lithogeochemical Sampling

3.2.1. Methods Employed

In the course of mapping, only 5 samples were collected from the property, as the vast majority of encountered outcrop exhibited no significant alteration, veining, or mineralization. The samples were forwarded to Acme Analytical Laboratories Vancouver for multi-element ICP analysis and geochemical gold analysis by conventional fire assay/A.A. techniques.

The ICP data appears in Appendix 2. All sample locations are plotted on the enclosed geology plan map in Appendix 1, followed by the sample gold content in ppb.

3.2.2. Results and Interpretation

None of the five samples returned significant gold or pathfinder trace-element values.

4.0 ITEMIZED COST STATEMENT AND ALLOCATION OF EXPENDITURES

4.1 Itemized Cost Statement

The following expenses were incurred as a direct result of the exploration work described in this report.

1) Salaries and Wages

Duncan McIvor: (Including Report Preparation Costs) 3 days (August 25, 26, December 11, 1987) @$115.00/day	$ 345.00
Joanne Bozek: 6 days (August 15, 21-26, 1987) @$85.00/day	$ 510.00
Phil Southam: 5 days (August 21-22, 25-27/87) @$85.00/day	$ 425.00
Steven Gill: 1 day (August 15/87) @$65.00/day	$ 65.00
SUB TOTAL	$1,345.00
+20% BENEFITS, ETC.	269.00
	$1,614.00

2. Analytical Costs

5 samples (Au + 30 additional elements) @$14.25/sample	$ 71.25

3. Food and Accommodation Costs

@$35/day per man x 14 field days	$ 490.00

4. Transportation Costs

Fuel and Maintenance on Vehicles @$25/day x 5 days	$ 125.00

5. Miscellaneous Field Equipment Costs

- flagging tape, topofil, sample bags, etc.	$ 50.00
TOTAL EXPENDITURES	$2,350.25

4.2 Allocation of Expenditures

CLAIM	REC. NO.	UNITS	REC. DATE	ALLOCATION
YJ7	2678	20	05/08/86	$1,175.13
YJ8	2679	20	05/08/86	$1,175.12

DMc/mm

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AUTHOR'S QUALIFICATIONS

I, Duncan Forbes McIvor, do hereby state that;

- I am a graduate of the University of Waterloo, and hold an Honours Bachelor of Applied Science degree.

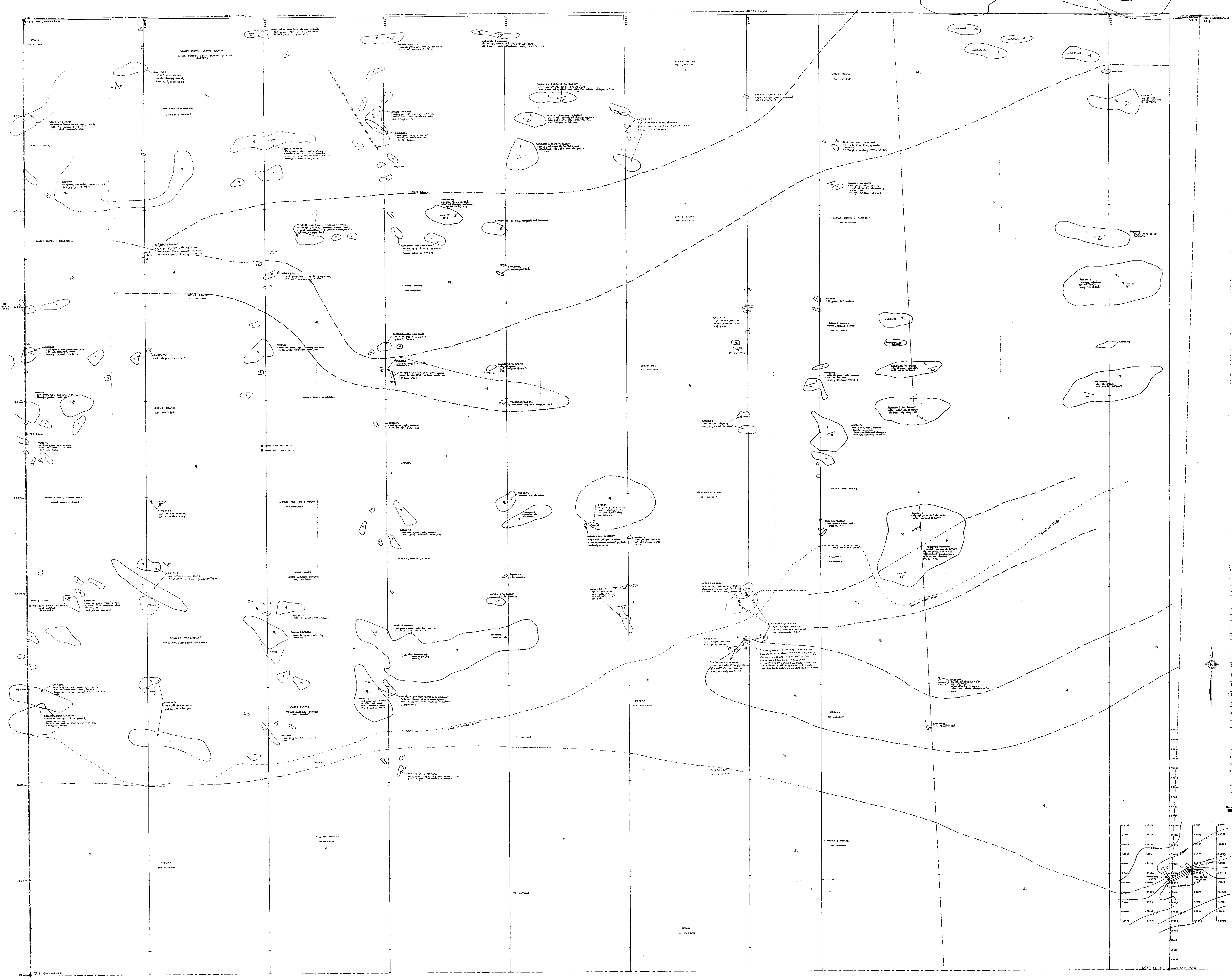
- I have been practising my profession as an exploration geologist on a full time basis since 1982.

- I have personal knowledge that all information presented in this report is true and accurate.

Duncan McIvor

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
PA-01-1-33163	2	37	9	80	1.4	24	16	921	5.35	160	5	ND	2	110	1	4	2	69	9.59	.017	2	35	3.58	21	.01	2	.90	.02	.11	1	52
PA-01-1-33164	1	39	12	36	.4	37	17	431	3.87	5	5	ND	3	27	1	2	4	109	1.94	.035	2	82	1.26	64	.32	7	1.75	.19	.29	1	31
PA-01-1-33165	1	112	12	60	.3	56	35	784	7.41	39	5	ND	3	82	1	4	2	117	4.47	.035	2	53	2.14	28	.01	6	.49	.01	.11	2	5
PA-01-1-33166	2	227	4	27	3.0	26	34	1109	5.42	1429	5	ND	1	196	3	21	2	19	11.39	.009	2	18	4.23	19	.01	4	.13	.01	.07	1	370
PA-01-1-33167	1	41	8	35	.1	36	18	318	4.06	3	5	ND	2	15	3	2	2	112	1.18	.036	2	38	1.35	152	.41	2	1.85	.14	.65	1	1
PA-01-1-33168	1	30	4	28	.8	16	12	1143	4.35	207	5	ND	1	152	1	11	2	28	9.92	.012	2	24	2.63	9	.01	2	.52	.01	.08	1	19
PA-01-1-33169	3	28	10	55	.4	18	10	883	4.92	68	5	ND	1	94	1	4	3	65	6.42	.052	3	28	2.65	26	.01	8	1.01	.03	.11	1	65
PA-01-1-33170	4	17	9	14	.7	18	6	467	3.10	45	5	ND	3	115	1	3	3	15	5.76	.021	6	11	1.94	25	.01	5	.21	.01	.09	1	29
PA-01-1-33171	2	7	41	115	.7	4	4	2200	5.18	10	5	ND	1	217	2	11	2	13	13.28	.007	2	5	4.66	5	.01	11	.15	.01	.03	2	8
PA-01-1-33172	2	19	8	27	.4	28	13	905	5.37	18	5	ND	1	217	1	19	2	70	13.56	.013	2	30	7.23	8	.01	3	.24	.01	.02	1	1
PA-01-1-33173	2	36	8	58	.1	35	21	1049	8.93	15	5	ND	1	121	1	11	2	131	5.90	.030	2	44	4.18	44	.01	2	.40	.01	.03	1	1
PA-01-1-33174	1	2	2	31	.3	6	3	207	1.02	2	5	ND	2	53	1	2	2	3	1.98	.026	7	6	.47	99	.01	2	.32	.04	.12	1	22
PA-01-1-33175	1	48	14	58	.3	193	25	912	5.03	20	5	ND	9	314	2	9	2	73	10.63	.157	33	133	5.13	43	.01	7	.50	.01	.08	2	3
PA-01-1-33176	1	42	11	43	.2	21	8	196	1.85	5	5	ND	2	56	1	2	2	32	4.96	.037	4	14	.11	15	.12	2	2.00	.17	.06	2	2
PA-01-1-33177	41	43	11	34	.3	32	5	73	1.08	8	5	ND	4	49	1	2	2	126	.49	.158	6	15	.02	44	.01	5	.43	.01	.05	1	1
PA-01-1-33186	4	123	23	47	5.4	58	26	726	6.91	1384	5	2	1	124	1	20	2	19	9.98	.011	2	18	3.88	30	.01	7	.16	.01	.08	4	2200
PA-01-1-33187	3	63	2	42	1.3	25	18	654	5.15	96	5	ND	1	94	1	4	2	88	6.65	.031	2	49	2.74	70	.01	2	.61	.02	.17	1	43
PA-01-1-33188	3	118	13	24	4.9	34	25	698	5.50	607	5	2	1	228	3	20	2	23	12.63	.006	2	39	5.12	12	.01	8	.11	.01	.05	4	540
PA-01-1-33189	4	201	109	154	10.2	55	35	370	4.39	2249	5	3	1	84	2	7	2	10	4.63	.006	2	20	1.73	8	.01	4	.08	.01	.05	3	3650
PA-01-1-33190	5	247	31	61	7.5	102	63	677	7.22	1894	5	2	1	149	1	16	2	16	7.84	.006	2	21	2.91	10	.01	4	.07	.01	.04	1	6070
PA-01-1-33191	1	30	2	22	.1	35	13	249	2.52	16	5	ND	1	13	1	2	4	65	.94	.027	2	78	.83	63	.19	2	1.20	.15	.36	2	19
PA-01-1-33192	23	239	8	34	8.0	89	76	740	7.80	179	5	ND	1	139	1	6	2	69	7.63	.026	3	31	3.04	14	.01	2	.28	.01	.04	1	680
PA-01-1-33193	3	304	3	34	.4	61	43	540	9.14	2	5	ND	2	60	2	2	2	57	7.40	.084	6	26	1.48	34	.25	6	1.83	.22	.35	1	9
PA-01-1-33194	11	35	3	19	1.3	46	6	472	2.15	857	5	ND	2	128	1	7	2	33	5.21	.046	4	29	2.14	30	.01	2	.19	.01	.10	2	156
PA-01-1-33195	7	28	2	10	.8	14	6	356	1.90	183	5	ND	1	96	1	2	5	17	4.87	.028	2	15	1.99	15	.01	2	.16	.01	.08	6	92
PA-01-1-33196	21	105	4	52	.4	72	19	342	3.52	6	10	ND	5	7	2	2	3	163	.48	.076	11	64	1.02	63	.20	3	1.08	.07	.39	1	5
PA-01-1-33197	5	632	7	14	3.8	346	72	60	13.63	8	5	ND	1	3	1	4	109	8	.06	.001	2	54	.12	8	.01	2	.10	.01	.01	1	36
PA-01-1-33198	2	113	4	33	.1	64	23	335	5.04	2	5	ND	1	30	1	2	2	140	1.24	.033	2	84	1.96	56	.34	2	2.70	.26	.63	3	1
PA-01-1-33199	2	686	13	26	3.7	119	104	151	28.40	4	5	ND	4	4	3	2	3	15	.24	.016	9	10	.23	2	.01	2	.19	.01	.02	1	23
PA-01-1-33251	5	33	2	27	.2	16	7	636	2.65	11	5	ND	2	166	1	2	2	12	6.72	.077	6	15	2.86	58	.01	3	.28	.01	.11	2	7
PA-01-1-33252	1	68	10	6	.3	26	8	95	1.31	3	5	ND	1	61	2	2	2	17	1.75	.030	2	16	.21	24	.15	2	2.40	.44	.02	1	1
PA-01-1-33253	1	26	2	36	.2	50	15	255	2.73	3	5	ND	4	94	2	2	2	20	20.32	.231	16	21	.22	40	.09	5	.66	.02	.19	4	1
PA-01-1-33254	1	27	2	1	.1	6	3	84	.65	2	5	ND	1	22	1	2	2	8	.57	.016	5	19	.10	110	.07	2	.40	.05	.01	1	11
PA-01-1-33255	1	5	2	1	.1	3	1	59	.40	2	5	ND	1	1	1	2	2	3	.25	.003	2	4	.02	2	.01	7	.04	.01	.01	1	1
PA-01-1-33290	1	158	6078	3898	62.3	9	1	84	.68	14	5	ND	1	23	147	6	23	1	.27	.001	2	17	.27	10	.01	4	.03	.01	.02	14	380
STD C/AU-R	16	62	42	131	7.3	67	28	1027	4.14	37	16	7	39	49	19	18	22	57	.47	.082	37	62	.86	176	.08	32	1.79	.06	.13	11	480

YJ 7-8
GEOCHEMISTRY



LEGEND

LITHOLOGIES

1	BASALT
2	SERPENTINITE (ALTERED ULTRAMAFIC INTRUSIVE)
3	COMPLETELY ALTERED (SILICA-CARBONATE-MARIPOSITE ALTERED ULTRAMAFIC)
4	MAFIC INTRUSIVE 4a DIABASE 4b GABBRO
5	FELDSPAR PORPHYRY
6	SYENITE
7	DIORITE
8	GREENSTONE
9	ANDESITE 9a HORNBLENDE PORPHYRY 9b FELDSPAR PORPHYRY
10	PYROXENITE
11	GRAPHITIC CHERT
12	ARGILLITE
13	GRANITE
14	LIMESTONE

SYMBOLS

- GEOLOGIC CONTACT (OBSERVED/ASSUMED)
- SCHISTOSITY
- BEDDING
- QUARTZ VEIN
- JOINTING
- BRECCIATION
- FAULT
- SAMPLE POINT
- ROAD
- TRAIL
- TOPOGRAPHIC/GEOMORPHOLOGICAL FEATURE

LITHOLOGY / OVERBURDEN / COLLAR — REVERSE CIRCULATION DRILL HOLE

0m 50m 100m 150m 200m

1:2500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,544

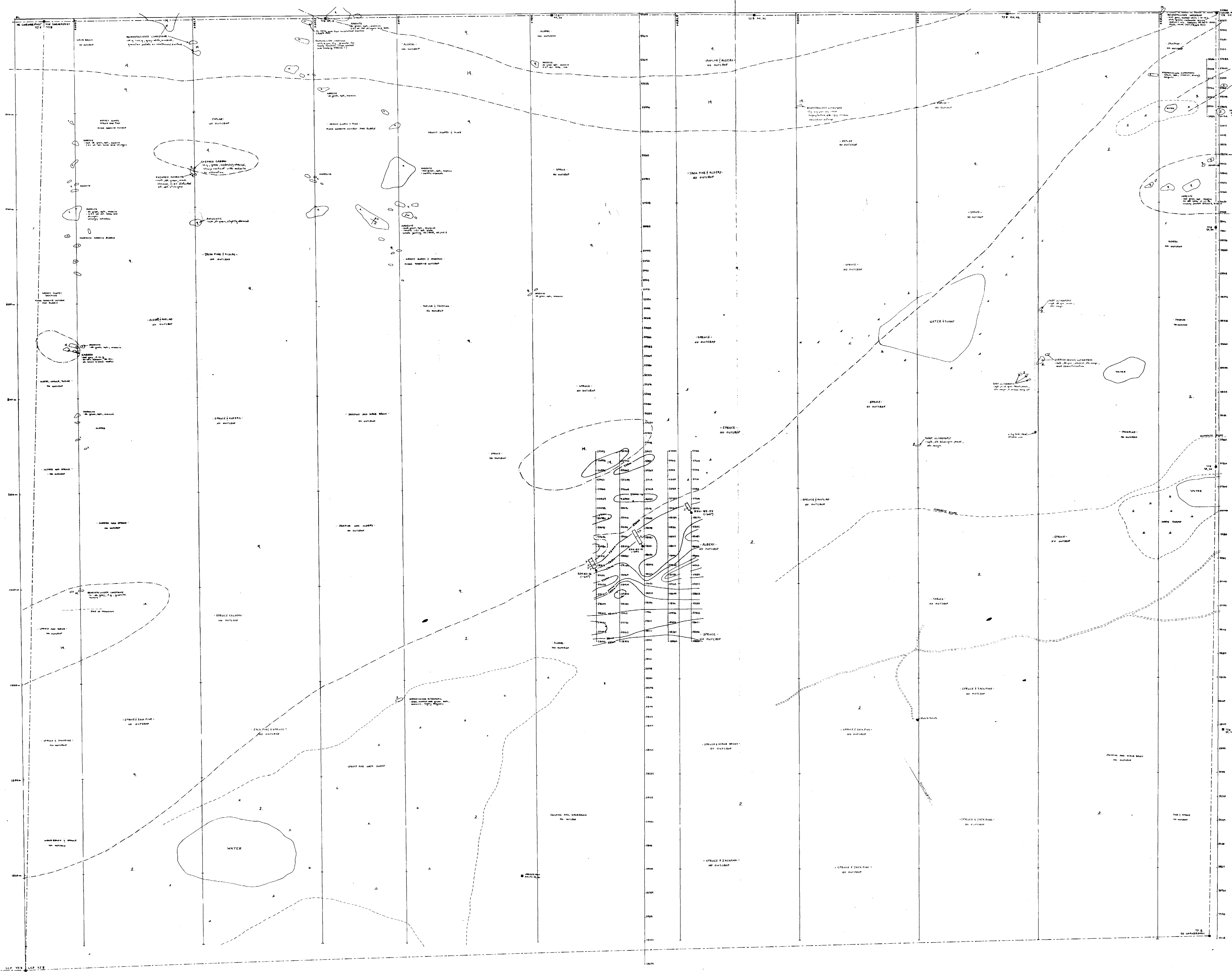
HOMESTAKE
MINERAL DEVELOPMENT COMPANY

YJ 7-8 PROPERTY : GEOLOGY

WEST SHEET : YJ-7

WITH SAMPLE LOCATIONS AND GOLD GEOCHEMISTRY

DRAWN	DATE	FILE CODE	
REVISED			



LEGEND

LITHOLOGIES

1. BASALT
2. SERPENTINITE (ALTERED ULTRAMAFIC INTRUSIVE)
3. COMPLETELY ALTERED (SILICA-CARBONATE-MARIPOSITE ALTERED ULTRAMAFIC)
4. MAFIC INTRUSIVE 4a. DIABASE 4b. GABBRO
5. FELDSPAR PORPHYRY
6. SYENITE
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8. GREENSTONE
9. ANDESITE 9a. HORNBLENDE PORPHYRY 9b. FELDSPAR PORPHYRY
10. PYROXENITE
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12. ARGILLITE
13. GRANITE
14. LIMESTONE

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REVERSE CIRCULATION DRILL HOLE (LITHOLOGY, OVERBURDEN, COLLAR)

0m 50m 100m 150m 200m
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,544

HOMESTAKE
MINERAL DEVELOPMENT COMPANY

YJ 7-8 PROPERTY : GEOLOGY

EAST SHEET : YJ-8

WITH SAMPLE LOCATIONS AND GOLD GEOCHEMISTRY

DRAWN	DATE	FILE CODE	
REVISED			