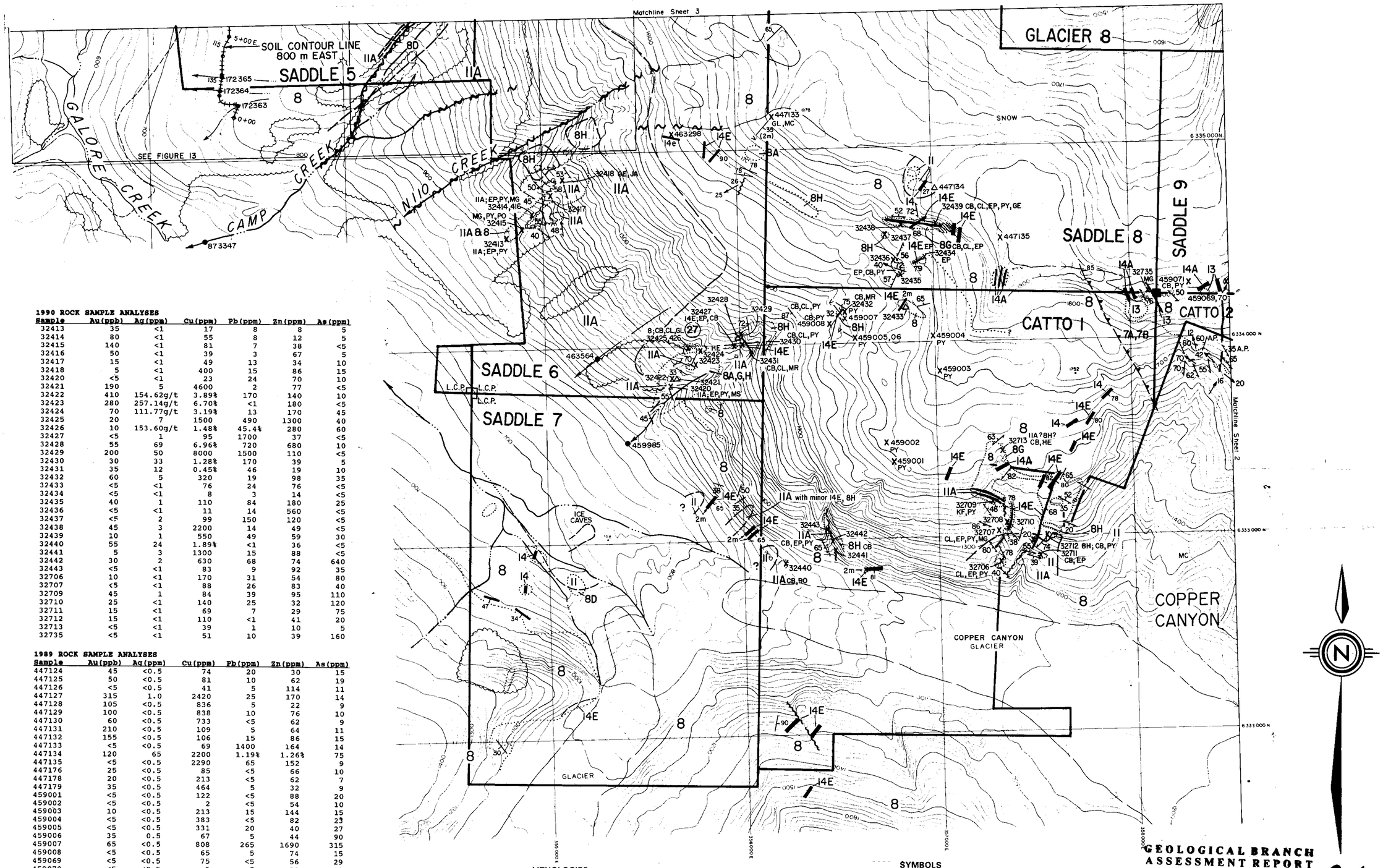
1990 GEOLOGICAL, GEOCHEMICAL GEOPHYSICAL AND DIAMOND DRILLING REPORT ON THE TROPHY GOLD PROJECT

VOLUME IV
FIGURES

Located in the Galore Creek Area
Liard Mining Division
NTS 104G/3E, 3W
57° 10′ North Latitude
131° 15′ West Longitude

-prepared for-
GIGI RESOURCES LTD.

-prepared by-
Stewart Harris, Geologist
February, 1991



1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
32413	35	<1	17	8	8	5
32414	80	<1	55	8	12	5
32415	140	<1	81	7	38	<5
32416	50	<1	39	3	67	5
32417	15	<1	49	13	34	10
32418	5	<1	400	15	86	15
32420	<5	<1	23	24	70	10
32421	190	5	4600	2	77	<5
32422	410	154.62g/t	3.89%	170	140	10
32423	280	257.14g/t	6.70%	<1	180	<5
32424	70	111.77g/t	3.19%	13	170	45
32425	20	7	1500	490	1300	40
32426	10	153.60g/t	1.48%	45.4%	280	60
32427	<5	1	95	1700	37	<5
32428	55	69	6.96%	720	680	10
32429	200	50	8000	1500	110	<5
32430	30	33	1.28%	170	39	5
32431	35	12	0.45%	46	19	10
32432	60	5	320	19	98	35
32433	<5	<1	76	24	76	<5
32434	<5	<1	8	3	14	<5
32435	40	1	110	84	180	25
32436	<5	<1	11	14	560	<5
32437	<5	2	99	150	120	<5
32438	45	3	2200	14	49	<5
32439	10	1	550	49	59	30
32440	55	24	1.89%	<1	36	<5
32441	5	3	1300	15	88	<5
32442	30	2	630	68	74	640
32443	<5	<1	83	9	92	35
32706	10	<1	170	31	54	80
32707	<5	<1	88	26	83	40
32709	45	1	84	39	95	110
32710	25	<1	140	25	32	120
32711	15	<1	69	7	29	75
32712	15	<1	110	<1	41	20
32713	<5	<1	39	1	10	5
32735	<5	<1	51	10	39	160

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447124	45	<0.5	74	20	30	15
447125	50	<0.5	81	10	62	19
447126	<5	<0.5	41	5	114	11
447127	315	1.0	2420	25	170	14
447128	105	<0.5	836	5	22	9
447129	100	<0.5	838	10	76	10
447130	60	<0.5	733	<5	62	9
447131	210	<0.5	109	5	64	11
447132	155	<0.5	106	15	86	15
447133	<5	<0.5	69	1400	164	14
447134	120	65	2200	1.19%	1.26%	75
447135	<5	<0.5	2290	65	152	9
447176	25	<0.5	85	<5	66	10
447178	20	<0.5	213	<5	62	7
447179	35	<0.5	464	5	32	9
459001	<5	<0.5	122	<5	88	20
459002	<5	<0.5	2	<5	54	10
459003	10	<0.5	213	15	144	15
459004	<5	<0.5	383	<5	82	23
459005	<5	<0.5	331	20	40	27
459006	35	0.5	67	5	44	90
459007	65	<0.5	808	265	1690	315
459008	<5	<0.5	65	5	74	15
459069	<5	<0.5	75	<5	56	29
459070	<5	<0.5	2	5	30	2
459071	<5	<0.5	62	<5	66	10
463032	<5	1.0	97	42	28	50
463298	<5	<0.5	7	<5	204	5

1989 SILT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
172363	1980	1.0	121	20	118	30
172364	65	0.6	79	18	110	<5
172365	40	0.8	92	30	160	5
447177	120	<0.2	1565	6	84	15
459985	<5	<0.2	144	38	84	40
463564	<5	<0.2	101	32	122	15

GOVERNMENT REGIONAL SILT SAMPLE ANALYSIS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873347	84	0.2	278	21	48	7

STATISICAL ANALYSIS FOR GOVERNMENT REGIONAL SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

Topographic base prepared by Hugh Hamilton Ltd. from 1:60000 Air Photography flown 1982

LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

TERTIARY
Dykes and sills
14E Rhyolitic.

EOCENE
13 Undivided Eocene intrusive rocks

UPPER TRIASSIC TO LOWER JURASSIC
Galore Creek Intrusions
11 Undivided Galore Creek intrusive rocks.
11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites: laminated to thin-bedded, includes carbonaceous argillites, generally dark green to maroon coloured, wacke may vary in composition from a greywacke to a quartz arenite.
8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.
8G Tuffs/tuffaceous sediment: pyroclastic with fragments <2mm, usually felsic in composition, well developed laminations, may be easily confused with unit 8A.
8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyrclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.

MIDDLE TO UPPER TRIASSIC
7 Undivided sediments.
7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.
7B Chert and cherty siltstones.

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061 Part 4 of 5

0 100 500 1000
METRES

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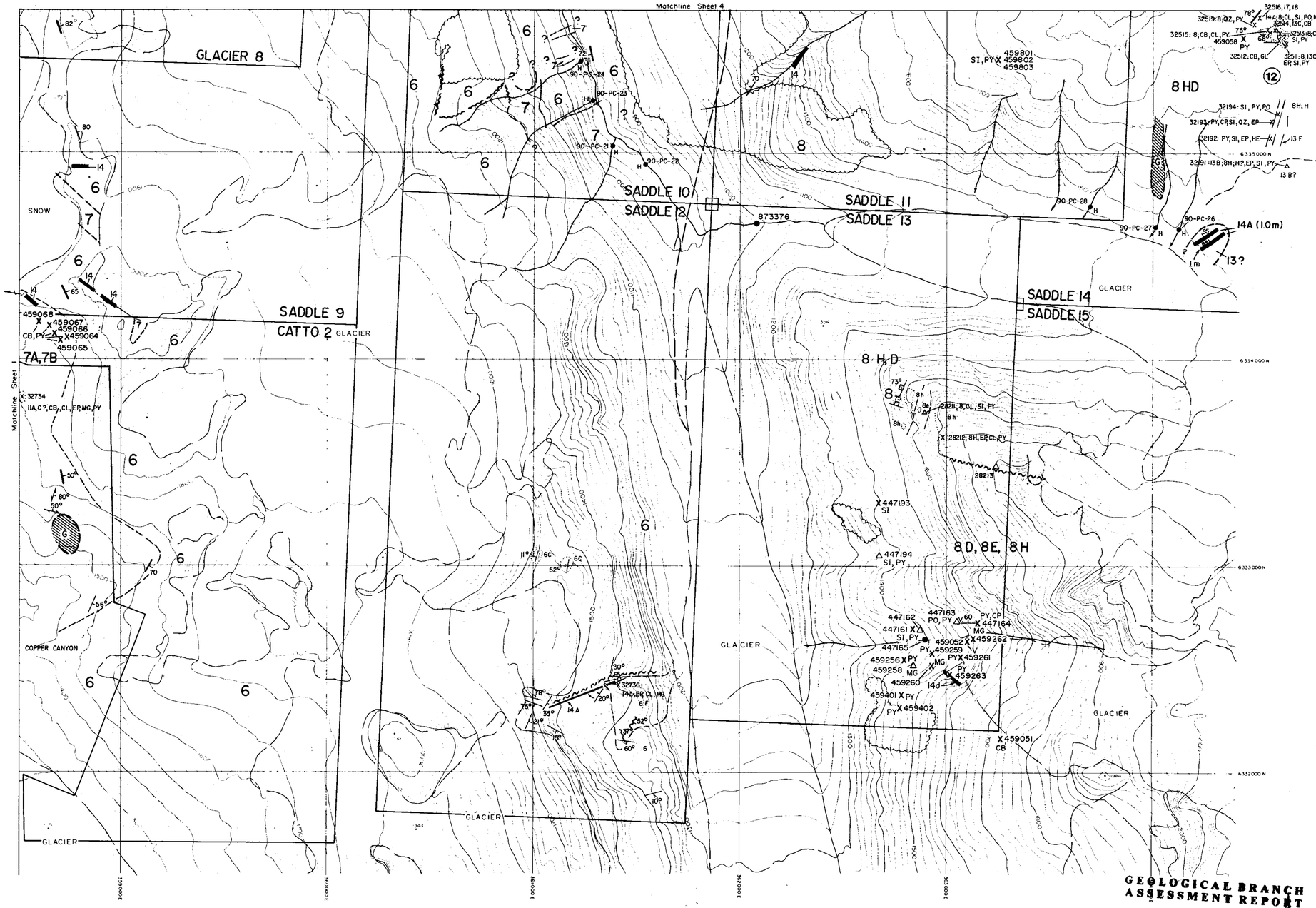
TROPHY GOLD PROJECT
GEOLOGY & GEOCHEMISTRY

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: S.H. / J.J.E.	MINING DIV.: LIARD	FIGURE	5
N.T.S.: 104G/3E, 3W	SCALE: 1:10000		
DATE: FEBRUARY, 1991	REVISED:		



LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.

EOCENE

13 Undivided Eocene intrusive rocks

13B Biotite granite phase of 13A, contains muscovite.

13C Quartz monzonite to quartz syenite stocks and dykes: similar to 13A but biotite is not common.

13F Quartz-plagioclase porphyritic monzonite dykes.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.

8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.

8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.

7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.

7B Chert and cherty siltstones.

7C Carbonaceous limestone.

Stikine Assemblage

PERMIAN

6C Lower member Permian limestone: thin bedded, pyritic, argillaceous, mainly micritic with bioclastic calcarenite containing predominately crinoidal and lesser shelly and bryozoan fragments, dark coloured, contains large rugose corals.

6F Tuffs: thinly bedded, occur mainly with unit 6D.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- △ , X Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- (2) Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

Km 0 0.5 1.0 Km

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28211	5	<1	100	10	210	25
28212	5	<1	47	9	56	5
28213	<5	<1	63	36	48	30
32191	<5	1	140	67	380	15
32192	180	<1	800	150	140	10
32193	1.85g/t	13	7300	60	190	50
32194	110	<1	370	13	1000	20
32511	<5	<1	68	17	87	40
32512	10	<1	26	750	64	20
32513	<5	<1	32	66	310	140
32514	<5	<1	22	16	200	25
32515	<5	<1	86	13	57	25
32516	<5	<1	88	6	51	85
32517	<5	<1	78	16	230	390
32518	<5	<1	67	3	75	20
32519	10	<1	46	15	80	180
32734	30	4	100	110	110	70
32736	<5	<1	51	4	58	<5

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447161	15	<0.5	105	30	74	16
447162	<5	<0.5	41	25	216	79
447163	75	<0.5	177	35	242	16
447164	80	1.0	2.70%	10	172	22
447193	<5	<0.5	65	<5	144	29
447194	<5	<0.5	44	5	370	14
459051	10	<0.5	9	<5	120	11
459052	<5	<0.5	11	<5	128	9
459058	15	<0.5	109	<5	50	16
459064	5	<0.5	86	<5	104	61
459065	<5	<0.5	54	<5	144	10
459066	<5	<0.5	61	<5	98	7
459067	<5	<0.5	58	<5	58	7
459068	<5	<0.5	30	<5	26	2
459256	5	<0.5	139	<5	126	11
459258	5	<0.5	100	<5	78	9
459259	<5	<0.5	22	20	486	12
459260	<5	<0.5	89	<5	326	9
459261	<5	<0.5	<1	<5	88	10
459262	<5	<0.5	80	<5	150	9
459263	<5	<0.5	12	5	44	9
459401	<5	<0.5	101	15	174	19
459402	10	<0.5	5	20	106	14
459801	40	3.5	108	35	82	12
459802	<5	1.0	26	15	44	6
459803	40	1.5	21	35	42	23

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90PC-21	<5	<1	21	7	43	15
90PC-22	5	<1	27	<1	43	20
90PC-23	<5	<1	16	2	34	5
90PC-24	5	<1	11	5	27	<5
90PC-26	<5	<1	36	9	69	<5
90PC-27	<5	<1	45	16	59	<5
90PC-28	10	<1	110	14	74	5

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447165	5	<0.5	76	10	106	12

1987 GOVERNMENT SILT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873376	3	0.1	58	9	56	7

STATISICAL ANALYSIS FOR GOVERNMENT SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Part 4 of 5

MAP INDEX

6	7	8
3	4	5
1	2	

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

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TROPHY GOLD
GEOLOGY & GEOCHEMISTRY

SHEET 2 OF 8

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 6
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	

LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.

14D Dioritic dykes.

14E Rhyolitic.

MIDDLE TRIASSIC TO MIDDLE JURASSIC

Galore Creek Intrusions

11 Undivided Galore Creek intrusive rocks.

11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.

11B Orthoclase porphyritic monzonite: coarse to medium grained.

MIDDLE TO LATE TRIASSIC

Hickman Batholith

9 Undivided intrusive rocks of Hickman Batholith.

9A Biotite and hornblende-pyroxene diorite to monzodiorite.

9C Biotite monzonite to hornblende-biotite quartz monzonite.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

8A Interbedded wackes, siltstone, argillites: laminated to thin-bedded, includes carbonaceous argillites, generally dark green to maroon coloured, wacke may vary in composition from a greywacke to a quartz arenite.

8B Sedimentary conglomerate: few volcanic clasts, sandy matrix, may be clast-supported locally, may contain greywacke beds.

8C Limestone: usually occurs as interbedded lenses within the sedimentary rocks, locally contain molds of bryozoan and bivalve fragments.

8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.

8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.

8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.

8I Volcanic conglomerate: contains an abundance of volcanic clasts within a matrix of volcanic detritus, differs from unit 8H in that the volcanic clasts show a wide variation in compositions and is clearly sedimentary.

8J Basalt: dark grey-green, aphanitic, vesicular and amygdaloidal, interbedded flow breccias.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.

7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.

Stikine Assemblage

PERMIAN

6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.

6B Periplatformal talus block breccia.

6C Lower member Permian limestone: thin bedded, pyritic, argillaceous, mainly micritic with bioclastic calcarenite containing predominately crinoidal and lesser shelly and bryozoan fragments, dark coloured, contains large rugose corals.

MISSISSIPPIAN OR OLDER(?)

U Ultramafic rock, serpentinite with numerous xenoliths.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	RS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

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- Geological boundary (defined, approximate, inferred)
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- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
32293	1.23g/t	24	3500	150	250	400
32294	1.75g/t	20	250	110	150	55
32295	150	3	150	250	62	460
32296	90	<1	83	33	54	95
32297	30	<1	140	9	46	30
32298	250	4	2400	13	88	15
32299	90	2	1300	5	40	5
32300	15	3	1600	<1	40	20
32451	<5	<1	190	<1	42	<5
32452	30	<1	210	<1	35	<5
32453	20	<1	180	2	48	<5
32454	<5	<1	180	<1	26	<5
32455	<5	<1	52	<1	26	<5
32587	10	3	180	56	60	360
32588	15	<1	53	15	99	15
32589	<5	<1	63	5	71	10
32590	15	<1	55	5	70	<5
32652	<5	31	1.08%	<1	240	35
32653	<5	7	1300	58	0.11%	230
32654	15	432.0g/t	2700	4.32%	7.42%	30
32655	10	452.6g/t	2100	11.4%	4.97%	30
32656	10	76	800	9000	9.46%	50
32657	10	4	100	320	620	20
32658	5	12	2000	220	1.96%	130
32659	<5	34	430	750	7200	15
32660	25	53	910	1300	1300	290
32661	10	21	920	1100	4000	80
32662	70	14	720	26	1.37%	170
32663	380	47	330	940	370	910
32664	310	30	170	390	240	510
32669	45	<1	110	32	17	45
32676	1.27g/t	2	63	55	22	380

1989 ROCK SAMPLE ANALYSES

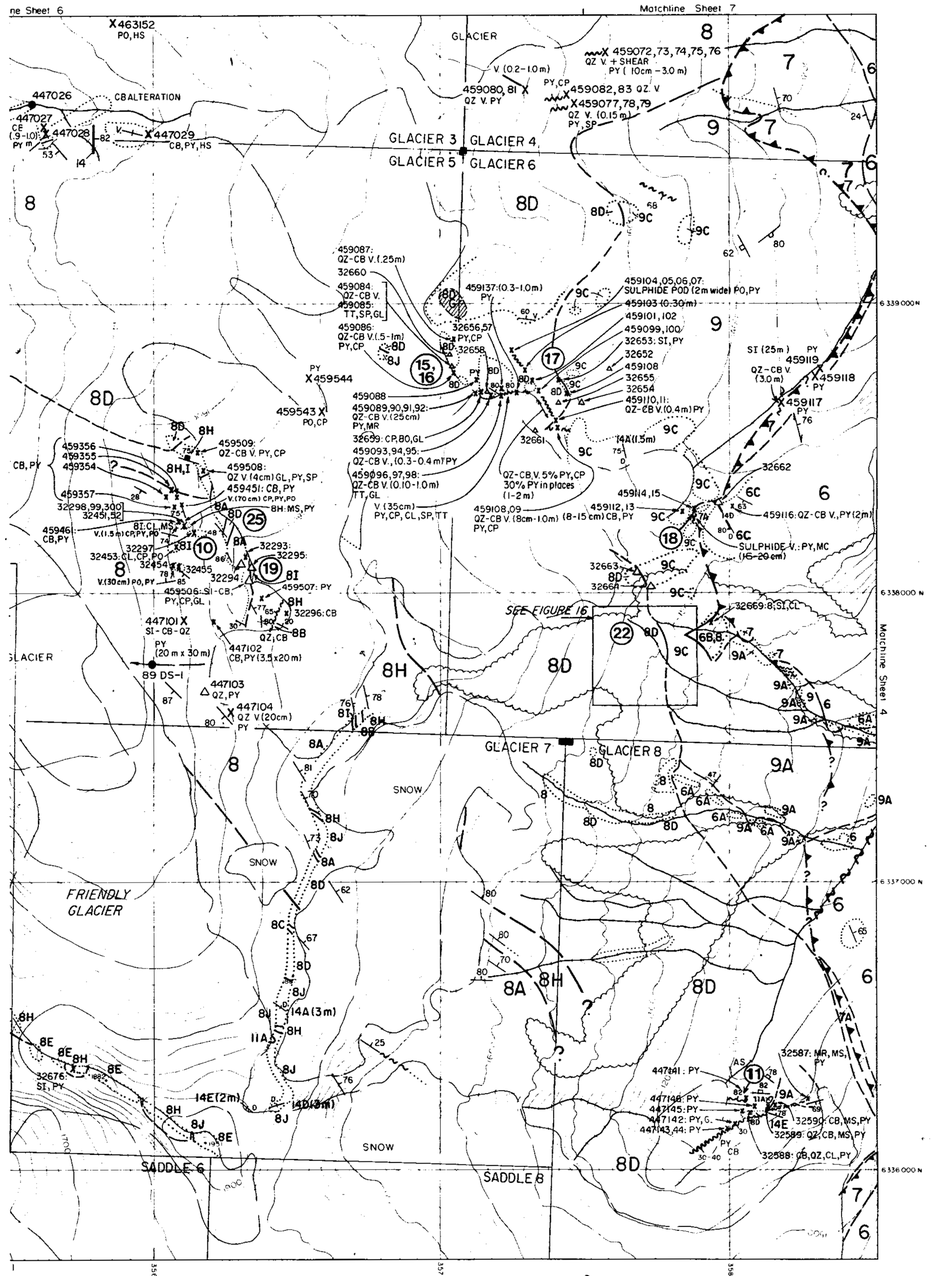
Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447027	750	13.5	10	65	150	41
447028	15	<0.5	<1	<5	14	3
447029	<5	<0.5	96	<5	42	14
447101	<5	0.5	176	10	26	19
447102	<5	<0.5	16	15	68	120
447103	80	1.5	47	<5	58	225
447104	<5	0.5	65	175	180	55
447141	20	<0.5	127	15	146	19
447142	80	18.5	146	6480	1765	38
447143	95	2.0	15	90	102	41
447144	400	5.0	45	115	74	77
447145	55	1.0	417	20	72	120
447146	<5	<0.5	148	5	192	30
459072	<5	13.7g/t	726	485	1.19%	250
459073	25	22.5	953	1025	1.77%	210
459074	30	<0.5	31	15	274	43
459075	<5	<0.5	47	5	346	5
459076	<5	<0.5	14	5	226	3
459077	20	1.5	1590	5	130	80
459078	35	11.0	1830	80	3.68%	380
459079	<5	3.0	227	<5	4540	24
459080	<5	1.0	119	<5	1110	4
459081	10	1.0	215	<5	442	2
459082	50	55.0	2.70%	40	1225	23
459083	20	21.0	4600	150	2.61%	240
459084	130	1141.7g/t	2.09%	1.33%	6310	730
459085	75	11.0	191	70	188	29
459086	90	25.5	3060	95	3600	50
459087	50	4.5	2360	15	256	23
459088	15	3.5	348	15	136	6
459089	40	0.5	317	10	296	36
459090	45	<0.5	72	120	274	29
459091	60	5.0	381	45	148	60
459092	70	3.5	193	60	1470	50
459093	25	<0.5	406	15	220	65
459094	20	<0.5	114	5	50	30
459095	10	<0.5	69	<5	236	15
459096	<5	151.5g/t	1475	1.98%	4.42%	15
459097	<5	9.0	290	3460	4460	11
459098	25	973.7g/t	4410	5.92%	3.54%	16
459099	160	128.9g/t	4110	430	5430	900
459100	210	86.0	2960	180	600	1000
459101	<5	11.0	3410	255	1840	455
459102	115	5.0	2120	85	242	700
459103	575	13.0	5160	175	163	1900
459104	15	13.0	4100	20	312	51
459105	5	6.5	1805	10	410	35
459106	40	4.5	1520	5	646	39
459107	5	2.5	1070	15	150	340
459108	45	6.0	1460	55	440	375
459109	685	6.5	473	445	3710	3500
459110	25	12.0	372	105	294	550
459111	85	14.5	679	160	374	6800
459112	<5	<0.5	23	5	46	30
459113	<5	<0.5	55	5	64	30
459114	3.22g/t	44.0	7250	120	2710	2200
459115	240	9.5	4260	35	1210	1600
459116	90	<0.5	195	5	96	81
459117	15	<0.5	185	<5	48	15
459118	5	<0.5	42	5	24	250
459119	<5	0.5	71	20	184	120
459137	<5	<0.5	1616	<5	52	4
459354	<5	<0.5	296	5	50	27
459355	10	0.5	586	5	46	17
459356	<5	<0.5	144	15	26	19
459357	10	<0.5	155	5	46	11
459451	<5	0.5	321	<5	30	16
459461	45	<0.5	221	20	158	43
459506	23.2g/t	154.0	674	7770	1.26%	640
459507	100	0.5	238	55	152	11
459508	290	32.5	>10000	5.23%	2.04%	540
459509	15	<0.5	3160	945	886	15
459543	310	36.5	5970	<5	68	6
459544	<5	<0.5	75	<5	142	10
463152	<5	<0.5	53	<5	48	2

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
89DS-1	25	<0.5	80	5	90	35
447026	15	<0.2	157	<2	60	25

STATISICAL ANALYSIS FOR GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

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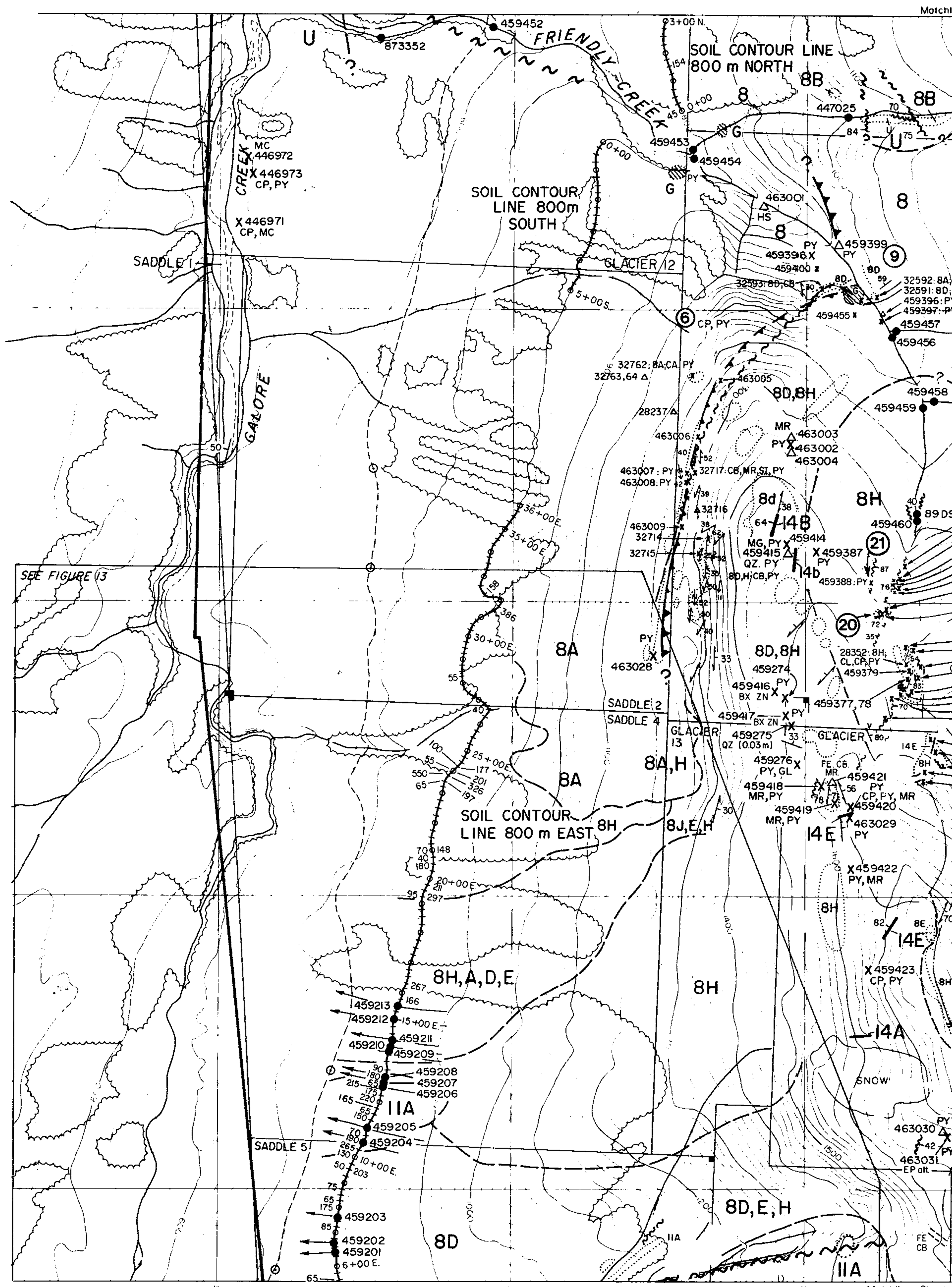
TROPHY GOLD
GEOLOGY & GEOCHEMISTRY
SHEET 3E. OF 8
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 7E
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	



GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873352	24	0.6	130	32	72	15

STATISTICAL ANALYSIS FOR GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
89DS-2	30	<0.5	94	10	74	32
447025	20	<0.2	138	<2	54	20
459201	45	0.4	253	28	142	25
459202	305	0.2	98	12	114	<5
459203	80	0.2	78	28	146	<5
459204	40	0.2	82	22	116	15
459205	135	0.4	144	14	104	25
459206	65	0.2	122	16	104	<5
459207	250	0.2	96	10	172	10
459208	65	<0.2	78	12	224	45
459209	50	<0.2	116	12	170	<5
459210	75	<0.2	106	8	120	35
459211	195	<0.2	104	34	164	5
459212	130	<0.2	135	78	318	35
459213	75	<0.2	99	34	262	25
459452	60	0.2	153	54	88	35
459453	50	<0.2	144	6	66	35
459454	25	<0.2	54	32	134	25
459456	115	0.8	134	32	90	25
459457	50	0.4	115	<2	58	5
459458	35	0.6	134	48	98	30
459459	50	0.8	131	22	80	45
459460	40	1.2	135	40	88	35

LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.
14D Dioritic dykes.
14E Rhyolitic.

MIDDLE TRIASSIC TO MIDDLE JURASSIC

Galore Creek Intrusions

11 Undivided Galore Creek intrusive rocks.
11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.
11B Orthoclase porphyritic monzonite: coarse to medium grained.

MIDDLE TO LATE TRIASSIC

Hickman Batholith

9 Undivided intrusive rocks of Hickman Batholith.
9A Biotite and hornblende-pyroxene diorite to monzodiorite.
9C Biotite monzonite to hornblende-biotite quartz monzonite.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites: laminated to thin-bedded, includes carbonaceous argillites, generally dark green to maroon coloured, wacke may vary in composition from a greywacke to a quartz arenite.
8B Sedimentary conglomerate: few volcanic clasts, sandy matrix, may be clast-supported locally, may contain greywacke beds.
8C Limestone: usually occurs as interbedded lenses within the sedimentary rocks, locally contain molds of bryozoan and bivalve fragments.
8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.
8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.
8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.
8I Volcanic conglomerate: contains an abundance of volcanic clasts within a matrix of volcanic detritus, differs from unit 8H in that the volcanic clasts show a wide variation in compositions and is clearly sedimentary.
8J Basalt: dark grey-green, aphanitic, vesicular and amygdaloidal, interbedded flow breccias.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.
7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.

Stikine Assemblage

PERMIAN

6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.
6B Periplatformal talus block breccia.
6C Lower member Permian limestone: thin bedded, pyritic, argillaceous, mainly micritic with bioclastic calcarenite containing predominately crinoidal and lesser shelly and bryozoan fragments, dark coloured, contains large rugose corals.

MISSISSIPPIAN OR OLDER(?)

U Ultramafic rock, serpentinite with numerous xenoliths.

SYMBOLS

Rock outcrop
Geological boundary (defined, approximate, inferred)
Fault with dip (approximate, inferred)
Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
Foliation with dip (inclined, vertical, dip unknown)
Dyke with dip (inclined, vertical)
Vein with dip (inclined, vertical, unknown) and true width in metres
Joint with dip
Rock sample (float, grab from outcrop)
Silt sample
Field-sieved stream sediment sample
Soil sample line with 25 metre and 100 metre stations. Results shown for Au >40 ppb, Cu >145 ppm.
Trench
Diamond drill hole
Gossan
Legal corner post (located, approximate)
Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28237	150	13	1.29%	11	24	<5
28238	85	2	390	230	150	40
28352	430	4	1700	29	200	30
28353	170	<1	71	730	1400	20
28354	15	<1	29	37	150	25
32583	55	2	160	29	69	160
32584	190	1	97	62	90	160
32585	1.23g/t	7	93	140	50	820
32586	1.06g/t	11	1200	350	140	610
32591	<5	<1	41	2	45	15
32592	70	<1	320	12	33	<5
32593	5	<1	89	2	44	5
32714	<5	<1	2600	1	40	<5
32715	190	1	160	210	73	50
32716	<5	<1	41	2	39	5
32717	<5	<1	33	33	110	15
32762	<5	<1	37	7	69	<5
32763	<5	<1	59	13	50	10
32764	<5	<1	66	3	33	5

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
446971	790	4.0	5310	5	46	3
446972	20	1.0	5970	<5	44	2
446973	900	5.0	4330	<5	28	1
459274	<5	<0.5	1785	5	210	11
459275	900	16.0	5390	8910	1.77%	250
459276	1.58g/t	7.5	765	0.93%	4330	470
459375	55	<0.5	124	35	94	15
459376	<5	<0.5	25	40	96	30
459377	295	3.0	64	360	128	60
459378	390	0.5	40	45	126	70
459379	935	19.5	1.57%	<5	258	38
459380	85	1.0	882	1730	6140	35
459381	75	<0.5	422	115	498	25
459382	120	3.0	243	75	70	35
459383	<5	<0.5	16	5	88	12
459384	60	2.0	41	40	58	25
459385	8.16g/t	26.5	349	270	104	310
459386	90	3.0	148	50	122	100
459387	25	2.5	83	40	152	46
459388	1.58g/t	18.5	2150	1440	464	1200
459389	9.33g/t	21.5	1.18%	45	220	60
459390	280	1.0	260	10	238	60
459391	170	<0.5	84	10	78	50
459392	75	<0.5	98	<5	68	9
459393	240	8.5	203	1720	2740	22
459394	255	3.5	44	180	266	33
459395	125	<0.5	23	5	60	29
459396	15	<0.5	94	<5	58	29
459397	<5	<0.5	55	<5	38	33
459398	125	5.0	851	285	150	280
459399	10	<0.5	148	<5	82	38
459400	<5	<0.5	241	5	58	11
459414	<5	<0.5	45	145	142	55
459415	5	9.5	92	760	196	800
459416	<5	0.5	74	25	56	32
459417	10	2.0	88	80	128	27
459418	20	0.5	68	5	92	15
459419	45	0.5	46	<5	122	45
459420	15	<0.5	945	<5	196	15
459421	800	2.5	263	110	104	800
459422	20	<0.5	44	25	92	20
459423	80	66.5	9400	45	286	80
459455	<5	<0.5	729	<5	128	160
463001	<5	<0.5	23	10	76	4
463002	170	0.5	33	10	72	11
463003	<5	<0.5	88	<5	46	7
463004	780	4.5	51	130	48	41
463005	<5	<0.5	13	<5	18	11
463006	<5	<0.5	117	130	336	39
463007	<5	<0.5	35	<5	66	11
463008	<5	<0.2	23	<2	52	35
463009	<5	0.6	176	8	122	90
463028	<5	<0.2	84	12	250	10
463029	5	0.4	46	<2	90	55
463030	70	5.4	78	54	24	50
463031	40	4.0	82	92	10	30

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

Km 0 0.5 1.0 Km

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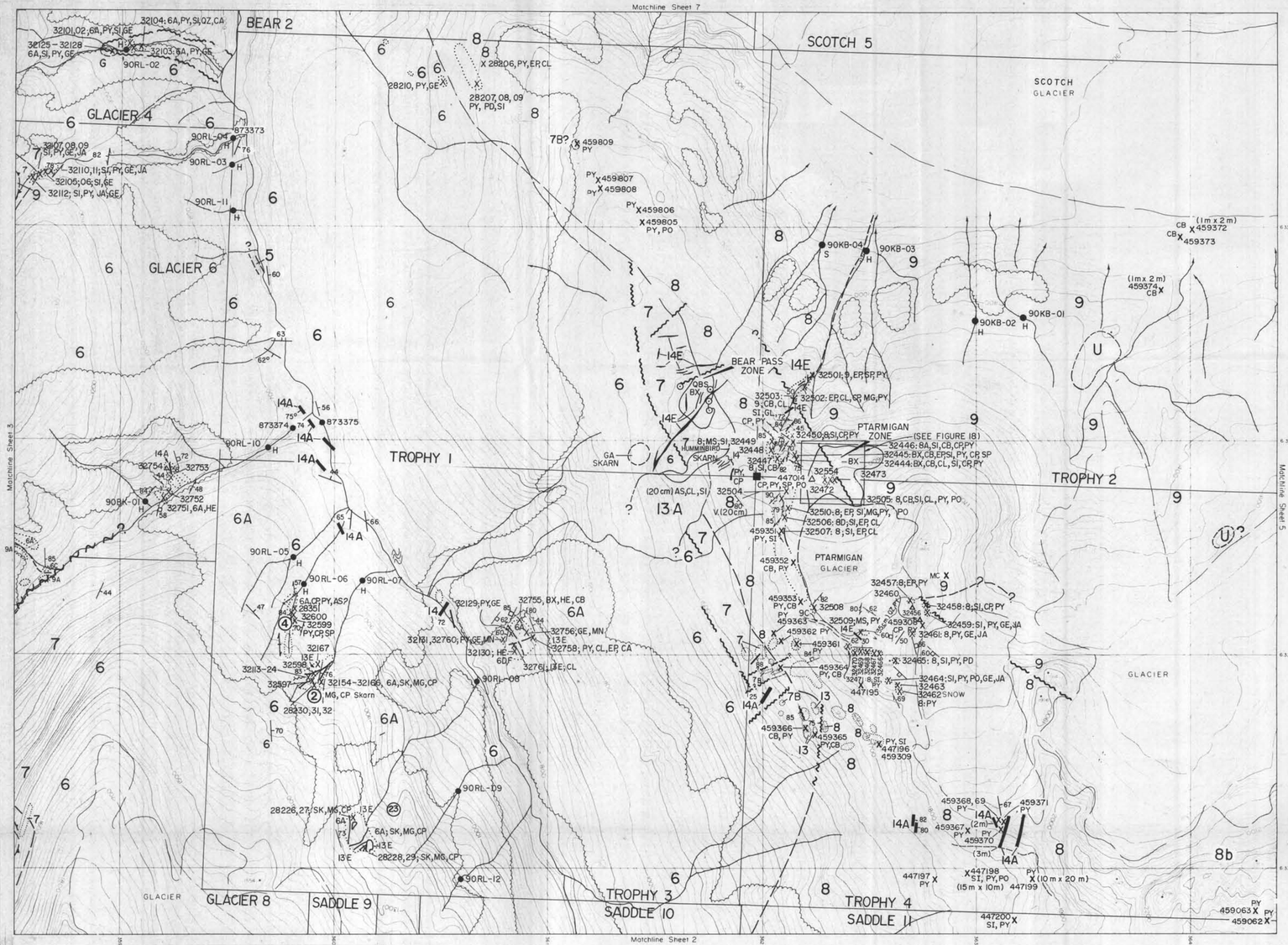
DRAWN:	J.P.W./J.W.	MINING DIVISION:	LIARD	FIG. No.
N.T.S.	104G/3E, 3W.	SCALE:	1:10,000	7W
DATE:	February, 1991	REVISED:		



1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447014	105	7.2	940	86	1710	270
447195	<5	<0.5	216	105	172	11
447196	25	<0.5	214	15	88	9
447197	20	<0.5	86	5	20	22
447198	35	<0.5	393	20	102	10
447199	10	<0.5	58	5	34	3
447200	55	<0.5	52	<5	36	24
459062	140	0.5	57	5	52	53
459063	50	0.5	51	<5	46	17
459308	380	1.0	4350	<5	70	11
459309	60	0.5	664	10	28	17
459351	<5	<0.5	171	25	54	35
459352	<5	<0.5	289	<5	68	32
459353	45	<0.5	203	5	84	45
459361	5	<0.5	182	5	36	65
459362	<5	<0.5	68	5	38	63
459363	<5	0.5	62	5	136	20
459364	<5	<0.5	274	<5	90	85
459365	30	<0.5	18	5	38	700
459366	5	<0.5	86	<5	42	4000
459367	35	6.0	213	60	100	15
459368	305	2.5	195	40	88	160
459369	50	1.0	70	55	132	12
459370	80	<0.5	63	65	128	20
459371	105	1.0	66	40	66	29
459372	<5	<0.5	70	25	70	4
459373	<5	<0.5	110	30	84	20
459374	<5	<0.5	62	25	140	10
459805	<5	2.0	123	10	66	160
459806	10	2.5	140	5	78	70
459807	<5	2.5	42	10	44	820
459808	5	0.5	121	10	92	36
459809	<5	0.5	37	10	62	14

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90BK-01 (s)	<5	<1	13	2	41	15
90KB-01	<5	<1	65	3	60	<5
90KB-02	<5	<1	44	8	46	5
90KB-03	1.03g/t	22	190	340	550	800
90KB-04 (s)	75	<1	120	39	160	160
90RL-02	<5	<1	50	18	230	30
90RL-03	20	1	69	19	180	40
90RL-04	5	<1	43	10	160	40
90RL-05	15	<1	44	18	360	15
90RL-06	<5	<1	38	2	220	10
90RL-07	20	<1	340	<1	130	10
90RL-08	<5	<1	23	<1	42	5
90RL-09	<5	<1	13	<1	26	<5
90RL-10	<5	<1	23	4	39	20
90RL-11	40	<1	53	3	33	10
90RL-12	<5	<1	36	4	39	<5

(s) denotes silt sample

GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873373	28	0.5	77	27	389	37
873374	11	0.4	41	14	56	18
873375	8	0.1	44	12	60	20

STATISICAL ANALYSIS FOR GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

TROPHY CODE 10 SHEET 4

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28206	5	<1	50	11	26	15
28207	5	<1	120	50	31	<5
28208	<5	<1	150	22	40	5
28209	10	<1	120	35	48	40
28210	5	<1	48	7	29	10
28226	75	13	3.51%	140	550	190
28227	90	3	1700	39	620	45
28228	75	3	5900	10	2.00%	30
28229	50	7	7400	25	1000	35
28230	690	6	4100	6	3.50%	50
28231	400	1	3200	<1	4500	5
28232	70	<1	5500	2	7500	10
28351	35	<1	640	8	1400	110
32101	10	<1	12	2	120	35
32102	10	<1	9	<1	120	20
32103	5	<1	8	7	110	10
32104	5	<1	22	<1	91	<5
32105	5	<1	41	1	140	10
32106	10	<1	28	4	100	25
32107	5	<1	59	2	86	20
32108	10	<1	340	3	110	120
32109	100	<1	52	<1	190	150
32110	50	<1	20	2	38	350
32111	10	<1	17	2	31	45
32112	10	<1	50	13	65	50
32113	560	4	1.12%	<1	1300	<5
32114	40	1	2300	<1	1400	<5
32115	110	3	3000	<1	310	<5
32116	85	2	650	<1	150	5
32117	920	4	7800	3	150	<5
32118	40	<1	560	<1	180	<5
32119	330	2	9100	<1	340	<5
32120	100	<1	4400	<1	380	<5
32121	50	<1	2200	<1	490	<5
32122	120	<1	3600	<1	4300	<5
32123	520	4	1.47%	<1	270	<5
32124	390	4	1.87%	<1	530	<5
32125	15	1	880	20	320	430
32126	130	1	1800	10	480	90
32127	40	1	230	21	320	250
32128	30	<1	170	8	110	260
32129	590	1	150	7	64	100
32130	20	<1	36	4	54	15
32131	40	<1	23	1	28	<5
32154	10	<1	150	35	42	25
32155	10	<1	910	<1	40	<5
32156	540	5	2.41%	<1	530	<5
32157	270	3	1.80%	<1	260	<5
32158	150	2	4300	<1	200	<5
32159	60	1	6200	<1	430	<5
32160	50	<1	2300	<1	150	<5
32161	25	<1	1200	<1	200	15
32162	80	<1	1800	<1	230	<5
32163	20	<1	690	<1	110	<5
32164	15	<1	1100	<1	97	<5
32165	60	<1	1500	<1	230	<5
32166	30	<1	860	<1	64	<5
32167	15	<1	330	<1	40	<5
32444	110	<1	180	9	800	50
32445	60	<1	97	6	100	5
32446	340	16	140	46	3300	560
32447	40	3	86	160	1200	170
32448	0.99g/t	2	130	23	1200	65
32449	15	<1	23	18	140	15
32450	390	2	61	15	140	690
32456	50	<1	600	8	61	<5
32457	120	<1	1200	3	34	<5
32458	160	<1	560	13	18	20
32459	20	<1	190	3	37	<5
32460	310	10	4000	<1	160	<5
32461	50	<1	680	5	23	<5
32462	45	<1	83	13	27	<5
32463	10	<1	140	46	49	<5
32464	5	<1	78	20	24	<5
32465	20	<1	380	12	16	80
32466	10	<1	170	30	31	15
32467	10	<1	110	4	300	25
32468	120	<1	100	27	55	75
32469	85	<1	44	10	25	45
32470	560	<1	82	69	68	120
32471	4.85g/t	<1	99	18	24	55
32472	220	18	310	2200	1300	320
32473	530	4	110	160	210	940
32501	60	2	480	11	1500	<5
32502	40	<1	380	22	1.95%	50
32503	140	13	180	2200	630	540
32504	7.66g/t	17	390	43	160	41000
32505	360	11	8200	11	170	180
32506	45	<1	340	6	52	130
32507	10	<1	140	4	38	35
32508	35	<1	110	14	33	190
32509	20	<1	74	4	59	80
32510	15	<1	56	44	470	35
32554	10	6	70	240	600	240
32597	25	<1	250	<1	260	<5
32598	340	<1	1.80%	<1	2200	15
32599	280	<1	5200	34	5.02%	120
32600	30	<1	1100	18	4000	60
32751	<5	<1	7	<1	26	10
32752	<5	<1	6	<1	26	<5
32753	5	<1	10	<1	43	<5
32754	<5	5	70	4	48	83
32755	<5	<1	7	<1	24	30
32756	<5	<1	4	<1	31	65
32758	<5	<1	6	<1	43	<5
32760	<5	<1	10	2	86	25
32761	<5	<1	3	1	94	<5

LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.

EOCENE

13 Undivided Eocene intrusive rocks

13A Biotite quartz monzonite to monzonite with granodiorite phases: equigranular, medium-grained and leucocratic, associated with rhyodacite and rhyolite dyking.

13E Plagioclase porphyritic diorite: chlorite-biotite altered hornblende also present.

MIDDLE TO LATE TRIASSIC

Hickman Batholith

9 Undivided intrusive rocks of Hickman Batholith.

9A Biotite and hornblende-pyroxene diorite to monzodiorite.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.

Stikine Assemblage

PERMIAN

6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.

6C Lower member Permian limestone: thin bedded, pyritic, argillaceous, mainly micritic with bioclastic calcarenite containing predominately crinoidal and lesser shelly and bryozoan fragments, dark coloured, contains large rugose corals.

6E Chert or cherty siltstone: yellowish-brown to orange-grey, amorphous, structureless.

6F Tuffs: thinly bedded, occur mainly with unit 6D.

MISSISSIPPIAN OR OLDER(?)

U Ultramafic rock, serpentinite with numerous xenoliths.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

Km 0 0.5 1.0 Km

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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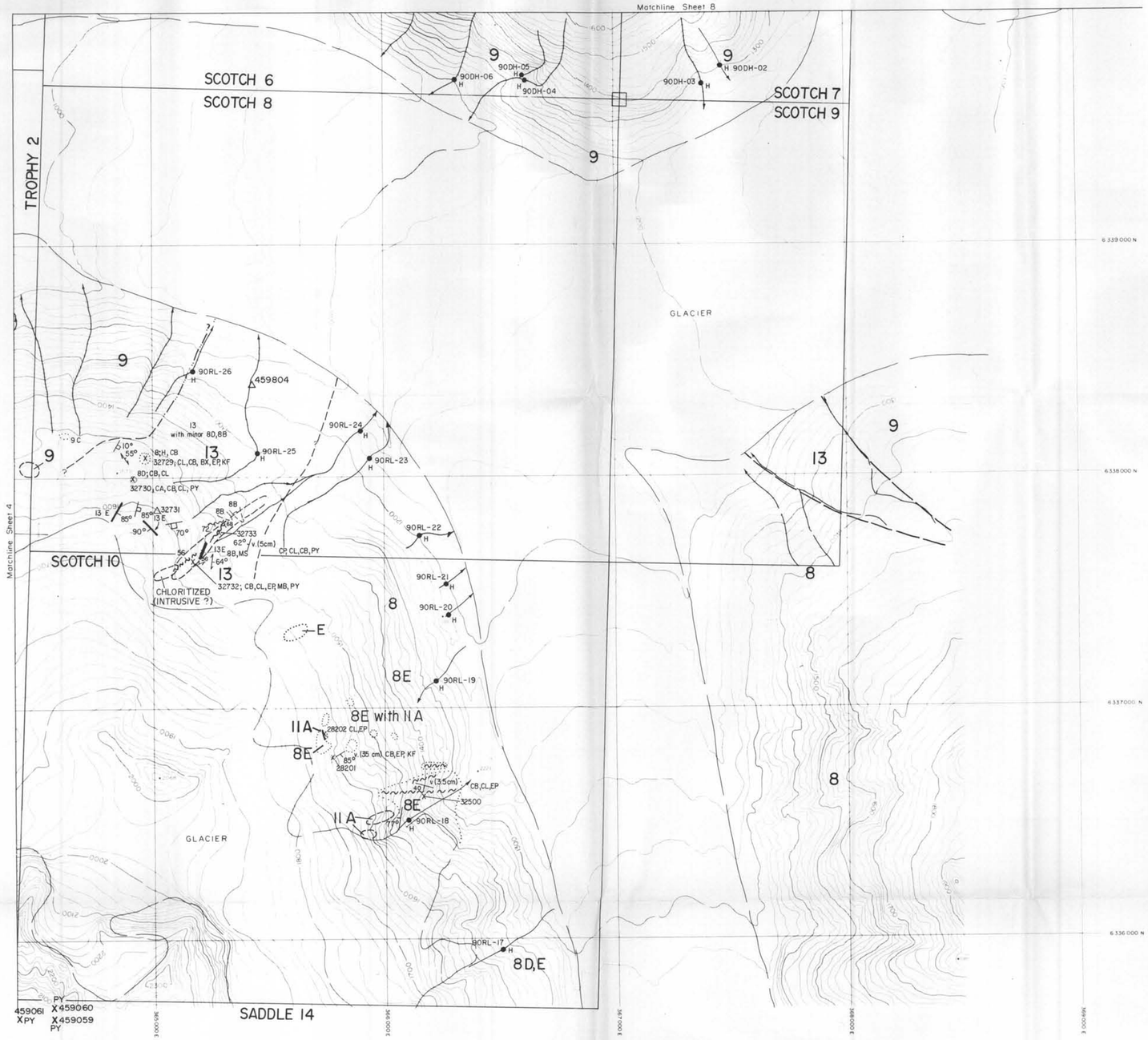
TROPHY GOLD
GEOLOGY & GEOCHEMISTRY

SHEET 4 OF 8

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 8
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	



LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

EOCENE
13 Undivided Eocene intrusive rocks
13E Plagioclase porphyritic diorite: chlorite-biotite altered hornblende also present.

UPPER TRIASSIC TO LOWER JURASSIC
Galore Creek Intrusions
11 Undivided Galore Creek intrusive rocks.
11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.

MIDDLE TO LATE TRIASSIC
Hickman Batholith
9 Undivided intrusive rocks of Hickman Batholith.
9C Biotite monzonite to hornblende-biotite quartz monzonite.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8B Sedimentary conglomerate: few volcanic clasts, sandy matrix, may be clast-supported locally, may contain greywacke beds.
8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.
8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
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- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
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- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90DH-02	<5	<1	49	7	19	<5
90DH-03	15	<1	100	7	24	<5
90DH-04	25	<1	54	17	36	10
90DH-05	<5	<1	47	8	40	10
90DH-06	60	<1	58	9	35	10
90RL-17	<5	<1	77	8	54	10
90RL-18	<5	<1	57	6	64	15
90RL-19	<5	<1	38	5	52	<5
90RL-20	<5	<1	70	10	90	15
90RL-21	<5	<1	41	8	72	10
90RL-22	<5	<1	57	6	63	20
90RL-23	<5	<1	53	9	66	25
90RL-24	<5	<1	61	14	110	40
90RL-25	15	<1	85	5	37	30
90RL-26	<5	<1	45	6	60	5

STATISICAL ANALYSIS FOR GOVERNMENT SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28201	<5	2	75	55	100	10
28202	<5	1	210	32	180	20
32500	<5	<1	21	3	40	<5
32729	10	<1	140	4	38	35
32730	<5	<1	83	20	150	15
32731	<5	<1	83	11	190	35
32732	<5	<1	96	3	46	10
32733	85	56	12.8%	<1	330	50

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459059	30	0.5	140	10	46	100
459060	20	<0.5	47	<5	90	57
459061	30	<0.5	37	<5	58	14
459804	<5	1.0	36	10	86	46

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

MAP INDEX

6	7	8
3	4	5
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GEOLOGICAL BRANCH
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GIGI RESOURCES LTD.

TROPHY GOLD
GEOLOGY & GEOCHEMISTRY
SHEET 5 OF 8
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 9
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	

LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.

UPPER TRIASSIC TO LOWER JURASSIC

Galore Creek Intrusions

11 Undivided Galore Creek intrusive rocks.

11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.

11C Biotite- and hornblende-bearing quartz monzonite to granodiorite: may contain ghost-like potassium feldspar megacrysts.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.

8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.

8F Microdiorite: intrusive variety of units 8D and 8E, coarser-grained and phenocrysts do not show a preferred orientation.

8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.

7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.

7B Chert and cherty siltstones.

7C Carbonaceous limestone.

Stikine Assemblage

PERMIAN

6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.

6E Chert or cherty siltstone: yellowish-brown to orange-grey, amorphous, structureless.

MISSISSIPPIAN OR OLDER(?)

U Ultramafic rock, serpentinite with numerous xenoliths.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28240	10	<1	81	10	85	<5
28241	<5	4	600	3600	740	35
28242	<5	<1	86	110	35	60
28243	<5	<1	50	39	330	<5
28301	20	<1	240	12	260	10
28302	1.37g/t	11	6200	<1	74	<5
28303	35	<1	510	<1	74	5
28304	120	<1	150	72	43	90
28305	20	<1	110	9	54	<5
28306	10	<1	77	6	70	<5
28358	<5	<1	61	<1	46	<5
28359	<5	<1	100	1	210	45
28360	10	<1	81	17	320	65
28361	<5	<1	49	4	91	15
28362	<5	<1	65	2	31	10
28363	<5	<1	290	4	21	<5
32140	<5	<1	20	2	68	<5
32141	<5	<1	54	3	67	<5
32142	5	1	79	51	4800	35
32143	<5	<1	69	3	180	10
32144	<5	<1	34	11	130	<5
32145	5	<1	32	3	82	<5
32146	<5	<1	72	2	28	<5
32147	5	<1	13	2	12	<5
32148	5	<1	36	1	15	<5
32149	5	<1	79	<1	110	<5
32150	35	3	360	<1	62	<5
32168	5	<1	63	<1	29	10
32169	2.16g/t	4	120	21	67	230
32170	20	1	250	<1	26	<5
32171	25	<1	2900	40	20.3%	35
32251	10	<1	32	<1	42	<5
32252	20	<1	100	<1	42	<5
32253	10	2	1500	3	49	<5
32254	15	<1	160	7	55	<5
32255	<5	<1	72	6	32	<5
32256	<5	2	39	4	24	10
32257	<5	<1	35	<1	7	<5
32258	<5	<1	15	2	27	<5
32259	<5	<1	44	3	15	<5
32594	20	<1	320	28	49	15
32595	<5	<1	37	3	40	<5
32596	10	<1	1.80%	7	24	<5
32677	50	27	1.75%	1500	4900	95
32678	90	13	770	350	4300	190
32679	110	27	0.40%	610	1.77%	160
32680	280	2	240	33	300	95
32681	95	24	1800	1.60%	1.55%	530
32682	315	23	0.94%	340	580	1000
32683	40	14	1800	420	8200	90
32718	10	<1	58	4	19	30
32719	2.19g/t	152.6g/t	250	2300	1500	600
32720	25	2	42	87	85	45
32721	15	1	56	31	47	15
32722	160	3	560	52	310	310
32723	5	<1	30	3	47	10
32724	40	1	430	43	1400	60
32725	10	<1	62	10	190	55
32746	20	<1	190	7	20	<5
32747	240	<1	89	6	34	<5
32748	1.37g/t	<1	94	2	27	30
32749	15	<1	58	8	39	5
32765	<5	<1	410	1	17	20
32764	<5	<1	66	3	33	5
32766	<5	<1	39	<1	35	<5
32767	<5	1	700	<1	34	5
32768	<5	<1	220	<1	27	<5
32769	<5	2	720	<1	96	10
32778	<5	<1	49	15	230	<5
32779	<5	<1	65	5	110	<5
484415	40	<1	130	6	21	20
484416	5	<1	80	2	15	<5
484417	<5	<1	190	3	21	25

1990 MOSS-MAT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90MO-13	30	0.8	135	12	482	475
90MO-14	25	1.0	173	22	746	185
90MO-15 (s)	5	<1	82	17	450	130
90HA-01	<5	<1	73	11	250	10

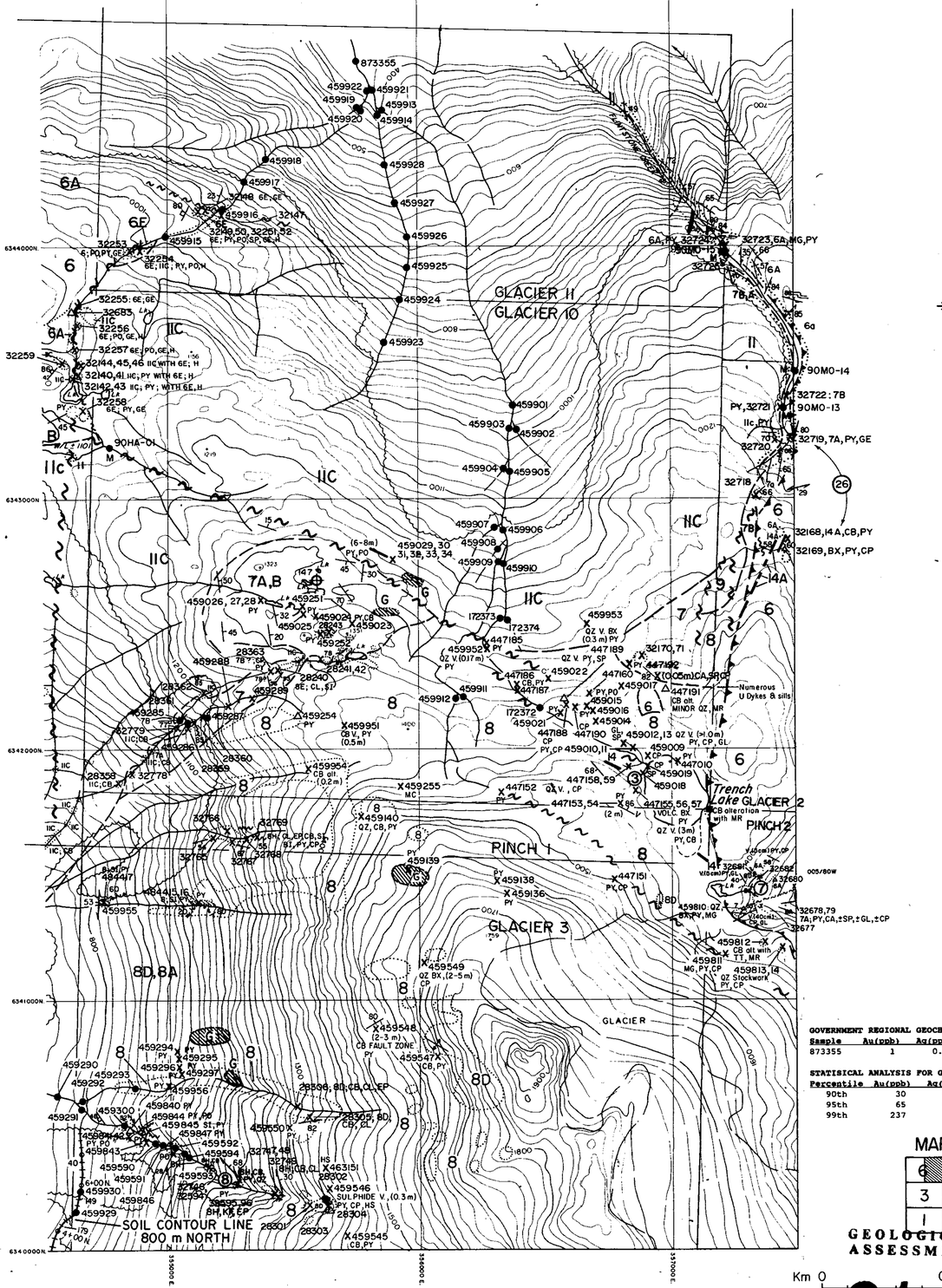
(s) denotes silt sample

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
172372	5	<0.2	78	<2	104	<5
172373	10	<0.2	50	2	98	<5
172374	15	0.2	55	6	250	210
459285	10	0.2	95	<2	368	35
459286	10	0.8	151	10	462	<5
459290	65	<0.2	150	6	66	<5
459291	30	<0.2	189	14	68	<5
459292	10	<0.2	125	4	44	30
459293	35	<0.2	240	4	48	15
459300	85	<0.2	220	10	76	25
459590	55	<0.2	432	8	88	<5
459591	35	<0.2	454	20	64	<5
459592	55	<0.2	324	4	78	10
459593	25	<0.2	343	6	68	<5
459594	60	<0.2	552	14	82	<5
459901	10	0.2	55	<2	94	<5
459902	5	0.6	49	18	182	30
459903	<5	<0.2	48	8	88	<5
459904	<5	0.2	30	10	250	45
459905	<5	<0.2	47	<2	88	<5
459906	<5	<0.2	48	4	80	10
459907	<5	0.2	81	6	168	55
459908	<5	<0.2	48	<2	70	20
459909	<5	<0.2	51	4	72	25
459910	<5	<0.2	57	10	106	40
459911	5	0.6	96	14	294	225
459912	<5	0.2	61	<2	98	30
459913	<5	<0.2	46	<2	90	20
459914	15	0.2	74	4	118	<5
459915	<5	0.4	91	20	1090	55
459916	30	1.0	121	26	1520	10
459917	45	1.6	389	20	1445	60
459918	25	0.4	170	10	1015	25
459919	15	0.4	53	16	360	75
459920	20	0.2	51	10	694	45
459921	<5	<0.2	54	8	104	<5
459922	<5	<0.2	45	<2	255	20
459923	10	0.2	64	2	136	65
459924	15	0.2	92	16	154	30
459925	<5	0.4	142	16	146	10
459926	10	<0.2	107	8	138	15
459927	15	<0.2	72	6	158	15
459928	10	0.2	114	4	136	10
459929	15	<0.2	189	4	46	<5
459930	30	<0.2	83	6	28	10

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447010	<5	<0.5	151	5	66	11
447151	5	0.5	1270	<5	2190	20
447152	<5	<0.5	179	5	52	9
447153	<5	67.0	8.21%	10	446	12
447154	<5	36.5	2.15%	<5	108	7
447155	<5	10.5	8020	5	30	7
447156	<5	2.5	1290	<5	286	60
447157	<5	0.5	720	5	1560	20
447158	<5	5.0	4900	5	480	10
447159	<5	9.0	1.22%	<5	166	12
447160	<5	<0.5	163	<5	30	7
447185	<5	<0.5	137	5	60	9
447186	5	<0.5	143	5	76	11
447187	<5	<0.5	134	15	66	11
447188	<5	1.5	875	5	78	19
447189	25	4.5	489	65	2.04%	50
447190	<5	1.0	6760	<5	564	7
447191	<5	<0.5	122	<5	238	510
447192	15	<0.5	242	5	112	23
459009	<5	1.0	4260	20	134	17
459010	<5	2.5	846	7090	2930	9
459011	<5	0.5	625	60	56	9
459012	<5	0.5	725	890	752	9
459013	<5	0.5	81	1345	314	7
459014	20	<0.5	128	15	28	16
459015	<5	<0.5	132	<5	38	9
459016	<5	<0.5	205	<5	46	7
459017	<5	<0.5	128	<5	24	7
459018	<5	7.0	5110	<5	1.77%	19
459019	5	26.0	3.27%	<5	452	11
459021	10	<0.5	469	10	152	15
459022	<5	<0.5	402	5	84	10
459023	<5	<0.5	210	<5	84	9
459024	<5	<0.5	64	5	46	9
459025	5	<0.5	52	<5	52	14
459026	90	<0.5	94	5	242	16
459027	<5	<0.5	143	<5	20	12
459028	<5	<0.5	257	<5	22	90
459029	40	<0.5	186	5	26	9
459030	20	<0.5	117	<5	32	7
459031	15	<0.5	1040	5	40	6
459032	10	<0.5	370	<5	56	9
459033	<5	0.5	334	<5	88	25
459034	<5	<0.5	374	<5	66	11
459136	<5	<0.5	95	<5	44	16
459138	<5	<0.5	50	<5	22	2
459139	<5	<0.5	225	<5	42	4
459140	<5	<0.5	146	<5	58	3
459251	<5	<0.5	60	10	68	17
459252	<5	<0.5	47	<5	60	9
459254	<5	1.5	345	<5	88	10
459255	15	36.0	1.92%	435	2170	36
459287	15	<0.5	160	390	1220	17
459288	5	1.0	301	60	288	32
459289	<5	1.0	337	20	112	14
459294	<5	<0.5	25	5	28	10
459295	<5	<0.5	79	10	26	9
459296	15	0.5	657	10	42	23
459297	<5	0.5	34	5	108	11
459545	80	2.0	252	20	14	53
459546	2.47g/t	27.5	2.96%	5	102	14
459547	40	<0.5	411	<5	36	3
459548	<5	<0.5	448	<5	82	6
459549	<5	<0.5	229	<5	10	2
459550	<5	<0.5	59	<5	70	5
459810	<5	2.5	1145	<5	110	3
459811	<5	0.5	445	<5	30	180
459812	<5	1.0	15	<5	62	790
459813	10	<0.5	34	20	370	50
459814	20	3.32*	5.50%	150	2470	350
459841	5	<0.5	409	<5	26	2
459842	<5	<0.5	520	<5	50	2
459843	<5	<0.5	32	<5	6	3
459844	25	<0.5	111	5	22	10
459845	2.54g/t	<0.5	25	<5	8	2
459846	35	<0.5	182	<5	40	3
459847	10	<0.5	219	<5	64	12
459951	5	<0.5	73	5	56	41
459952	15	<0.5	158	5	68	7
459953	20	<0.5	178	<5	3800	10
459954	<5	<0.5	30	<5	90	5
459955	<5	<0.5	50	<5	10	2
459956	<5	<0.5	34	<5	12	3
459957	320	<0.5	271	<5	8	3
463151	<5	<0.5	31	<5	66	1



GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873355	1	0.1	45	14	103	9

STATISICAL ANALYSIS FOR GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

MAP INDEX

6	7	8
3	4	5
1	2	

Km 0 0.5 1.0 Km

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

GEOLOGICAL BRANCH ASSESSMENT REPORT

Part 4 of 5

21,061

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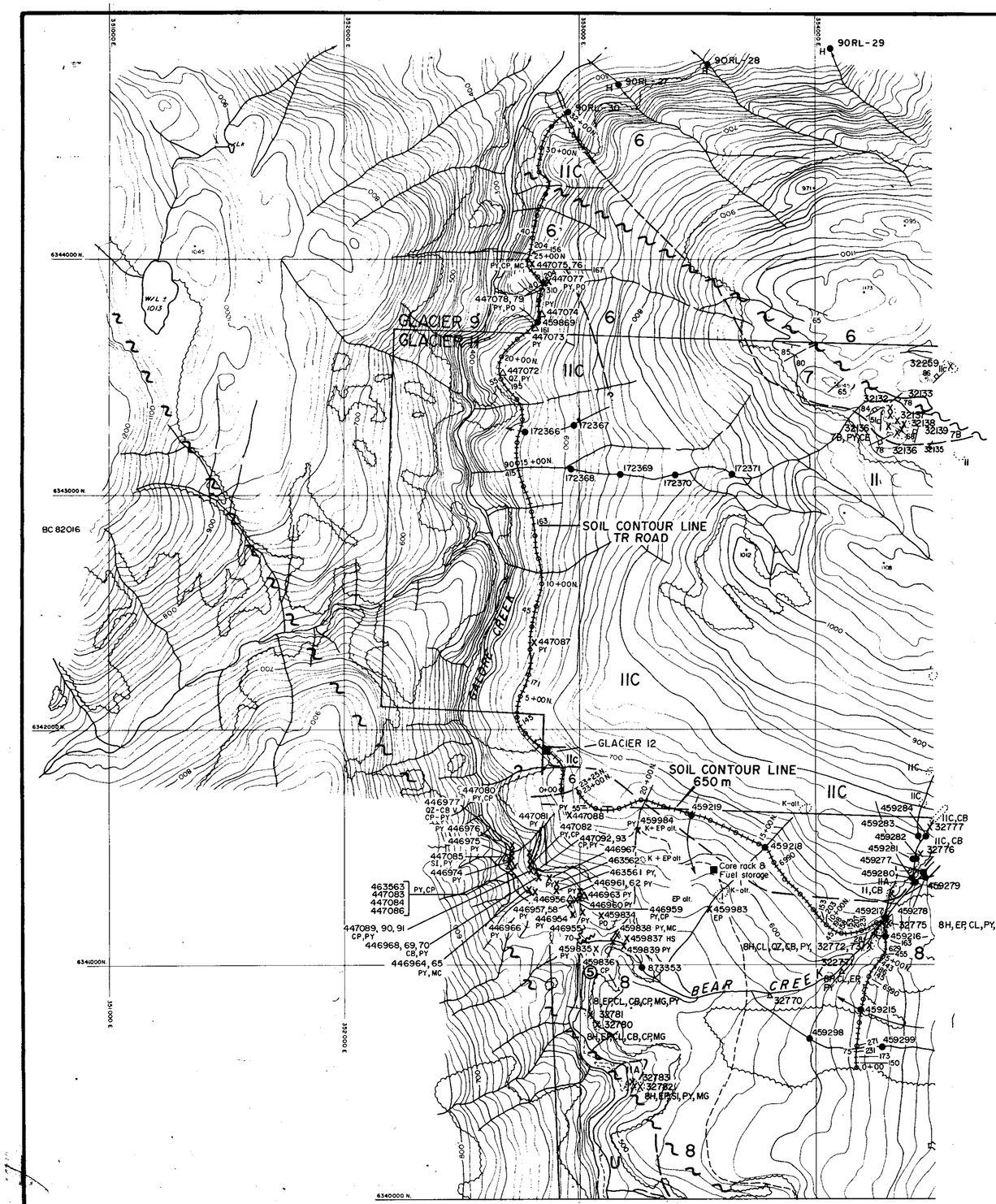
GEOLOGY & GEOCHEMISTRY
SHEET 6E. OF 8
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 10E
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	



SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Field-sieved stream sediment sample
- Moss-mat stream sediment sample
- Soil sample line with 25 metre and 100 metre stations. Results shown for Au >40 ppb, Cu >145 ppm.
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

LITHOLOGIES

QUATERNARY

20 Glacial and unconsolidated alluvial deposits.

TERTIARY

Dykes and sills

14A Andesitic.

UPPER TRIASSIC TO LOWER JURASSIC

Galore Creek Intrusions

11 Undivided Galore Creek intrusive rocks.

11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.

11C Biotite- and hornblende-bearing quartz monzonite to granodiorite: may contain ghost-like potassium feldspar megacrysts.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.

8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.

8F Microdiorite: intrusive variety of units 8D and 8E, coarser-grained and phenocrysts do not show a preferred orientation.

8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.

MIDDLE TO UPPER TRIASSIC

7 Undivided sediments.

7A Silty shales, argillites and limy dolomitic siltstones: argillites may be fossiliferous and graphitic.

7B Chert and cherty siltstones.

7C Carbonaceous limestone.

Stikine Assemblage

PERMIAN

6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.

6E Chert or cherty siltstone: yellowish-brown to orange-grey, amorphous, structureless.

MISSISSIPPIAN OR OLDER(?)

U Ultramafic rock, serpentinite with numerous xenoliths.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
446954	<5	<0.5	88	<5	16	3
446955	<5	<0.5	72	<5	12	1
446956	<5	<0.5	287	<5	30	1
446957	<5	<0.5	72	<5	28	1
446958	<5	<0.5	168	<5	18	2
446959	<5	0.5	1605	<5	32	1
446960	<5	<0.5	85	<5	12	1
446961	<5	<0.5	225	<5	32	2
446962	<5	<0.5	33	<5	6	2
446963	<5	0.5	429	<5	12	2
446964	<5	0.5	1175	<5	42	1
446965	<5	<0.5	387	<5	42	1
446966	<5	<0.5	436	<5	34	2
446967	<5	1.5	1520	10	28	2
446968	25	0.5	289	<5	12	5
446969	<5	<0.5	272	5	32	3
446970	<5	<0.5	445	5	48	5
446974	<5	<0.5	227	140	382	6
446975	<5	<0.5	531	<5	24	5
446976	<5	<0.5	572	<5	28	4
446977	30	10.5	2.02%	<5	134	11
447072	<5	0.5	559	<5	40	3
447073	<5	<0.5	702	<5	48	3
447074	<5	<0.5	144	<5	468	11
447075	35	<0.5	658	<5	108	165
447076	20	<0.5	140	10	62	12
447077	70	5.0	952	<5	160	55
447078	<5	<0.5	55	<5	120	7
447079	<5	<0.5	112	<5	254	5
447080	<5	0.5	2930	5	20	1
447081	<5	<0.5	223	<5	16	1
447082	<5	<0.5	2580	<5	16	1
447083	<5	1.0	576	<5	14	2
447084	<5	<0.5	361	5	40	4
447085	<5	1.5	1170	5	42	22
447086	<5	<0.5	5040	5	84	2
447087	185	0.5	244	20	90	20
447088	<5	0.5	612	<5	16	2
447089	35	1.0	1935	<5	18	7
447090	75	6.0	9380	<5	48	4
447091	35	9.0	1.49%	<5	206	2
447092	<5	<0.5	1495	<5	40	1
447093	10	0.5	1685	<5	40	5
459834	<5	<0.5	184	<5	20	1
459835	<5	<0.5	449	<5	6	2
459836	15	<0.5	304	<5	14	2
459837	<5	<0.5	295	<5	14	2
459838	55	0.5	1450	<5	12	2
459839	<5	<0.5	907	<5	10	1
459840	<5	<0.5	544	<5	30	2
459983	<5	0.5	126	<5	20	1
459984	<5	<0.5	176	<5	24	1
463561	<5	0.5	193	<5	18	1
463562	<5	<0.5	61	<5	10	1
463563	20	0.5	2420	<5	50	6

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90RL-27	5	<1	7	6	24	<5
90RL-28	10	<1	6	<1	17	<5
90RL-29	45	<1	12	5	33	5
90RL-30	30	<1	4	<1	35	<5

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
172366	<5	0.4	26	6	86	10
172367	<5	0.4	34	2	110	<5
172368	<5	0.2	24	4	174	20
172369	<5	0.2	25	6	186	25
172370	<5	0.2	26	8	208	20
172371	<5	0.2	16	22	168	25
459215	10	<0.2	217	6	48	25
459216	<5	<0.2	287	<2	70	<5
459217	<5	<0.2	75	<2	60	20
459218	<5	<0.2	67	2	96	15
459219	<5	<0.2	48	6	70	<5
459277	5	<0.2	68	6	106	35
459278	5	<0.2	109	<2	80	15
459279	10	<0.2	60	<2	110	25
459280	<5	0.4	118	22	360	85
459281	10	0.4	98	<2	386	35
459282	10	0.6	146	12	344	45
459283	<5	0.2	38	16	192	25
459284	80	1.0	149	30	552	50
459298	55	<0.2	193	2	74	<5
459299	45	<0.2	190	16	72	45
459869	<5	<0.2	15	<2	118	5

STATISICAL ANALYSIS FOR GOVERNMENT REGIONAL GEOCHEMICAL SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28355	<5	<1	19	5	72	15
28356	<5	<1	110	<1	48	10
28357	<5	<1	13	2	40	<5
32132	5	<1	63	2	19	<5
32133	160	<1	59	3	12	<5
32134	5	<1	45	<1	49	<5
32135	5	<1	36	<1	21	<5
32136	10	<1	38	2	25	<5
32137	5	<1	23	5	27	<5
32138	10	<1	59	<1	18	<5
32139	10	<1	39	1	20	<5
32770	15	<1	58	3	16	<5
32771	<5	<1	29	1	27	<5
32772	<5	<1	310	2	17	5
32773	<5	<1	1400	<1	16	<5
32774	<5	<1	1800	<1	22	<5
32775	10	<1	470	<1	5	<5
32776	<5	<1	45	<1	25	<5
32777	<5	<1	8	<1	26	<5
32778	<5	<1	49	15	230	<5
32779	<5	<1	65	5	110	<5
32780	25	<1	1600	2	27	<5
32781	55	<1	8600	<1	97	<5
32782	<5	<1	1100	<1	12	<5
32783	<5	<1	660	7	10	<5

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061 Part of ofs

Km 0 0.5 1.0 Km

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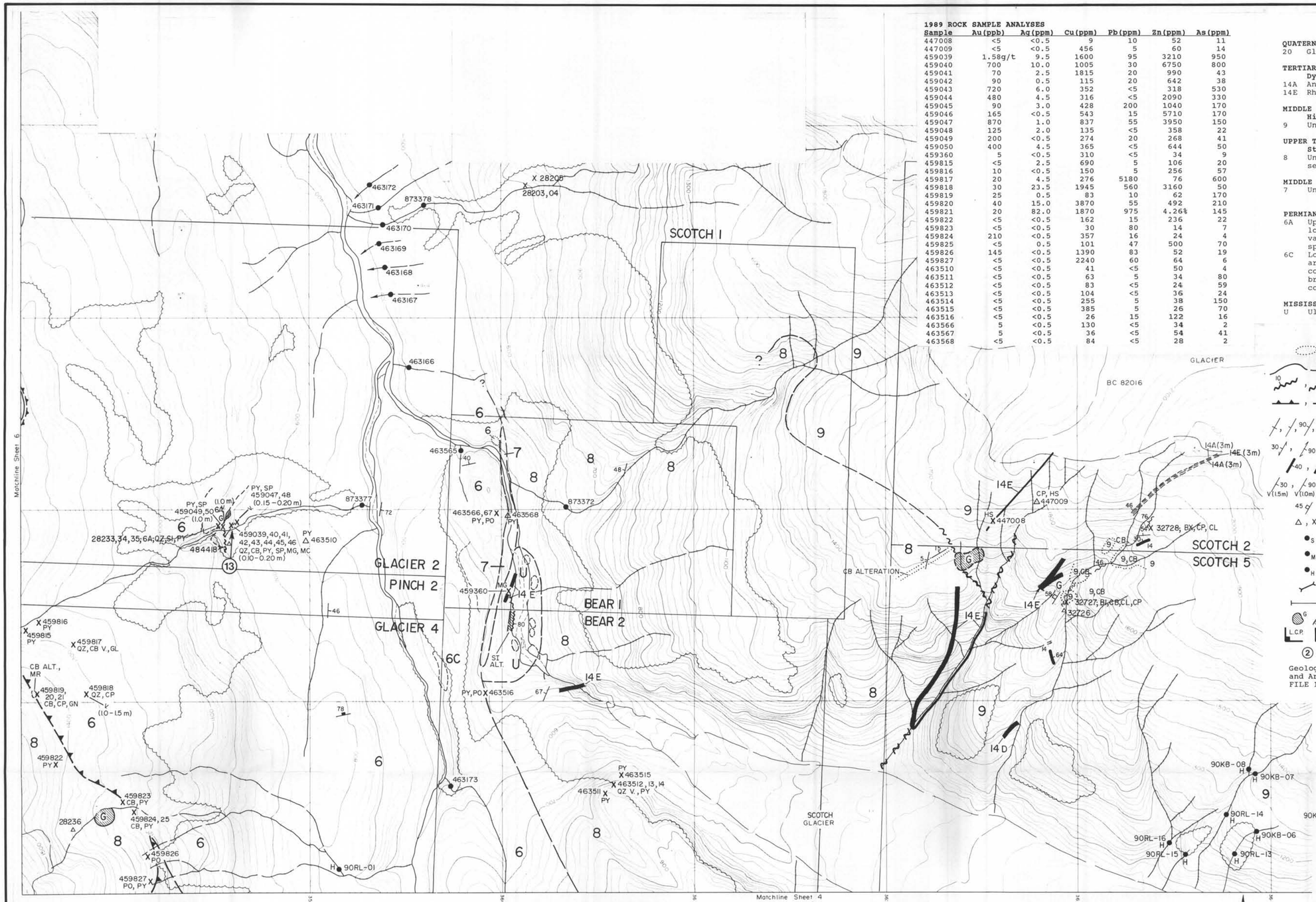
DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 10W
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	



1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447008	<5	<0.5	9	10	52	11
447009	<5	<0.5	456	5	60	14
459039	1.58g/t	9.5	1600	95	3210	950
459040	700	10.0	1005	30	6750	800
459041	70	2.5	1815	20	990	43
459042	90	0.5	115	20	642	38
459043	720	6.0	352	<5	318	530
459044	480	4.5	316	<5	2090	330
459045	90	3.0	428	200	1040	170
459046	165	<0.5	543	15	5710	170
459047	870	1.0	837	55	3950	150
459048	125	2.0	135	<5	358	22
459049	200	<0.5	274	20	268	41
459050	400	4.5	365	<5	644	50
459360	5	<0.5	310	<5	34	9
459815	<5	2.5	690	5	106	20
459816	10	<0.5	150	5	256	57
459817	20	4.5	276	5180	76	600
459818	30	23.5	1945	560	3160	50
459819	25	0.5	83	10	62	170
459820	40	15.0	3870	55	492	210
459821	20	82.0	1870	975	4.26%	145
459822	<5	<0.5	162	15	236	22
459823	<5	<0.5	30	80	14	7
459824	210	<0.5	357	16	24	4
459825	<5	0.5	101	47	500	70
459826	145	<0.5	1390	83	52	19
459827	<5	<0.5	2240	60	64	6
463510	<5	<0.5	41	<5	50	4
463511	<5	<0.5	63	5	34	80
463512	<5	<0.5	83	<5	24	59
463513	<5	<0.5	104	<5	36	24
463514	<5	<0.5	255	5	38	150
463515	<5	<0.5	385	5	26	70
463516	<5	<0.5	26	15	122	16
463566	5	<0.5	130	<5	34	2
463567	5	<0.5	36	<5	54	41
463568	<5	<0.5	84	<5	28	2

LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

TERTIARY
Dykes and sills
14A Andesitic.
14E Rhyolitic.

MIDDLE TO LATE TRIASSIC
Hickman Batholith
9 Undivided intrusive rocks of Hickman Batholith.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.

MIDDLE TO UPPER TRIASSIC
7 Undivided sediments.

Stikine Assemblage

PERMIAN
6A Upper member Permian limestone: massive, light coloured, localized bryozoan-rich sections, micritic matrix contains variable proportions of crinoid fragments and is generally sparse of bryozoan fragments and silicified brachiopods.
6C Lower member Permian limestone: thin bedded, pyritic, argillaceous, mainly micritic with bioclastic calcarenite containing predominately crinoidal and lesser shelly and bryozoan fragments, dark coloured, contains large rugose corals.

MISSISSIPPIAN OR OLDER(?)
U Ultramafic rock, serpentinite with numerous xenoliths.

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
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- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
28203	5	<1	94	16	130	<5
28204	5	<1	120	16	45	35
28205	28	<1	110	9	43	15
28233	110	3	420	29	1200	75
28234	150	3	460	19	3400	70
28235	710	<1	880	12	520	330
28236	40	<1	330	29	110	10
32726	35	2	7000	9	85	10
32727	20	6	7100	23	180	720
32728	35	2	2100	35	53	30
484418	15	<1	88	3	870	25

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90KB-05	20	<1	24	9	20	<5
90KB-06	10	<1	40	7	32	<5
90KB-07	<5	<1	84	13	66	10
90KB-08	<5	<1	58	8	76	<5
90RL-01	<5	<1	52	1	61	<5
90RL-13	<5	<1	26	3	21	5
90RL-14	25	<1	65	10	39	5
90RL-15	15	<1	68	6	39	10
90RL-16	<5	<1	91	6	30	<5

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
463166	<5	<0.2	50	2	66	15
463167	<5	<0.2	41	2	66	30
463168	<5	<0.2	29	<2	56	10
463169	<5	<0.2	31	6	66	5
463170	<5	<0.2	78	<2	70	5
463171	<5	<0.2	78	<2	60	25
463172	<5	<0.2	75	4	60	5
463173	<5	<0.2	44	2	96	10
463565	<5	<0.2	35	2	38	5

1987 GOVERNMENT SILT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
873372	3	0.1	134	8	38	3
873377	1	0.1	84	9	122	7
873378	1	0.1	95	9	60	8

STATISICAL ANALYSIS FOR GOVERNMENT SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

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Km 0 0.5 1.0 Km

GEOLOGICAL BRANCH ASSESSMENT REPORT

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GIGI RESOURCES LTD.

TROPHY GOLD GEOLOGY & GEOCHEMISTRY

SHEET 7 OF 8

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.P.W./J.W.	MINING DIVISION: LIARD	FIG. No. 11
N.T.S.	104G/3E, 3W.	SCALE: 1:10,000	
DATE:	February, 1991	REVISED:	

Topographic base prepared by Hugh Hamilton Ltd. from 1:60,000 airphotos taken in 1982

LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

TERTIARY
Dykes and sills
14A Andesitic.
14D Dioritic dykes.

EOCENE
13 Undivided Eocene intrusive rocks
13E Plagioclase porphyritic diorite: chlorite-biotite altered hornblende also present.

MIDDLE TO LATE TRIASSIC
Hickman Batholith
9 Undivided intrusive rocks of Hickman Batholith.
9A Biotite and hornblende-pyroxene diorite to monzodiorite.
9B Hornblende-biotite-pyroxene monzonite to quartz monzonite: less mafic than unit 9A.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
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HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Rock sample (float, grab from outcrop)
- Silt sample
- Moss-mat stream sediment sample
- Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- Legal corner post (located, approximate)
- Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

Km 0 0.5 1.0 Km

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
32525	<5	<1	63	16	39	35
32526	190	<1	1400	18	28	<5
32527	770	5	1.59%	12	47	15
32528	90	<1	2500	6	29	<5
32529	850	7	3.26%	<1	66	10
32530	390	4	0.89%	5	15	10
32531	1.23g/t	10	4.59%	<1	71	<5
32532	35	<1	1800	12	53	<5
32533	610	4	2.20%	44	56	15
32534	200	<1	3100	24	25	5
32535	35	<1	870	8	38	<5
32536	2.85g/t	6	3300	350	18	90
32537	170	<1	4200	10	14	15
32538	250	<1	8900	11	30	<5
32539	130	<1	1.05%	3	20	10
32540	<5	<1	330	7	26	5
32541	80	<1	1800	2	16	20
32542	20	<1	1500	5	22	<5
32543	35	<1	1700	2	14	<5
32544	20	<1	1.09%	<1	31	<5
32545	610	4	9500	4	3	20
32546	320	2	8300	4	<1	<5
32547	1.10g/t	10	3.13%	<1	69	10
32548	220	3	3800	6	13	10
32549	540	5	2.02%	13	25	5
32701	590	4	2.63%	290	73	20
32702	410	8	1.28%	240	63	75
32703	<5	<1	420	22	46	30
32704	<5	<1	80	9	47	10
32705	<5	<1	57	13	71	<5

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459035	210	0.5	4900	<5	70	19
459036	410	1.0	7040	5	70	32
459037	290	4.5	1.49%	20	92	12
459038	<5	<0.5	249	<5	128	15
459358	630	5.0	1760	320	42	17
459359	400	5.0	2.71%	255	130	12

1990 FIELD-SIEVED STREAM SEDIMENT SAMPLE ANALYSIS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90DH-01	5	<1	73	11	250	10

STATISICAL ANALYSIS FOR GOVERNMENT SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81

GEOLOGICAL BRANCH
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Topographic base prepared by Hugh Hamilton Ltd. from airphotos taken in 1982

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TROPHY GOLD
GEOLOGY & GEOCHEMISTRY
SHEET 8 OF 8
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.P.W./J.W.	MINING DIVISION: LIARD		FIG. No.
N.T.S. 104G/3E, 3W.	SCALE: 1:10,000		12
DATE: February, 1991	REVISED:		

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
6020	<.034g/t	<1	350	<1	35	<5
6021	<.034g/l	<1	51	3	11	10
6022	0.58g/t	1	10	11	4	45
28214	10	<1	43	15	44	5
28215	30	<1	12	13	17	10
28216	85	<1	120	11	37	10
28217	40	<1	160	10	45	20
28218	10	<1	39	10	52	10
28219	5	<1	35	16	53	<5
28220	<5	<1	43	18	180	<5
28221	5	1	52	78	260	20
28222	5	<1	67	85	480	230
28223	5	<1	40	57	250	95
28224	15	<1	24	11	93	15
28225	20	39	110	1600	1500	25
28239	160	<1	940	20	57	10
28367	120	3	190	33	45	10
28368	10	<1	26	2	18	<5
28369	<5	<1	55	6	30	10
32151	110	<1	52	7	31	15
32152	95	<1	21	62	10	25
32153	25	<1	430	3	56	<5
32172	5	<1	100	11	1600	<5
32173	30	<1	110	6	1200	<5
32174	25	<1	180	<1	280	<5
32175	10	<1	69	5	220	<5
32176	10	<1	40	5	140	<5
32177	50	<1	100	2	27	<5
32178	35	<1	60	8	15	<5
32179	85	2	5000	<1	10	<5
32184	120	<1	700	7	31	<5
32189	30	<1	59	4	37	10
32190	10	<1	64	42	130	10
32195	10	<1	9	80	53	40
32196	55	<1	11	13	55	15
32197	15	<1	130	3	36	<5
32198	5	<1	14	2	32	<5
32199	80	<1	1400	<1	46	<5
32200	<5	<1	36	140	270	20
32260	230	<1	2800	5	49	<5
32261	50	<1	690	5	39	<5
32262	45	<1	120	4	43	<5
32263	1.27g/t	<1	300	18	19	<5
32264	230	<1	90	<1	86	<5
32265	85	<1	76	<1	60	<5
32270	340	2	2000	6	35	<5
32274	400	1	3300	4	20	<5
32275	340	<1	1600	6	22	<5
32276	430	<1	2500	5	30	<5
32284	35	<1	46	4	48	<5
32285	1.75g/t	2	280	44	19	20
32286	130	<1	100	16	37	<5
32287	40	<1	95	9	45	<5
32288	15	<1	110	6	47	<5
32289	30	<1	57	10	44	<5
32292	320	1	360	91	220	30
32401	20	<1	140	8	77	<5
32402	15	<1	420	5	29	10
32403	5	<1	64	5	44	10
32404	<5	<1	100	44	48	<5
32405	30	<1	59	4	36	15
32406	25	<1	5	6	64	20
32407	<5	<1	2	4	60	15
32408	20	<1	49	7	37	20
32409	40	<1	8	12	28	120
32410	<5	<1	34	6	51	10
32411	<5	<1	45	50	64	20
32412	5	<1	49	21	130	10
32419	80	<1	140	14	60	15
32474	70	<1	130	27	76	50
32475	30	<1	210	6	26	5
32476	<5	<1	24	6	35	15
32477	10	<1	6	9	42	25
32478	<5	<1	62	36	98	20
32479	5	<1	51	6	74	15
32480	15	<1	23	110	310	30
32481	<5	<1	67	8	88	<5
32482	<5	<1	93	35	230	220
32483	<5	<1	24	12	160	25
32484	10	1	260	430	190	60
32485	<5	<1	43	23	130	20
32486	<5	1	86	180	270	670
32487	40	<1	9	12	49	40
32488	160	<1	50	29	76	35
32489	5	<1	35	14	130	10
32490	5	<1	29	5	55	5
32491	<5	<1	80	17	120	<5
32492	<5	<1	50	23	44	<5
32493	<5	<1	43	21	43	5
32494	<5	<1	18	7	31	15
32495	20	<1	54	23	59	25
32496	<5	<1	89	14	65	<5
32497	5	<1	11	10	52	10
32498	10	<1	71	30	110	15
32499	10	<1	6	12	30	50
32520	<5	<1	9	12	47	5
32521	<5	<1	3	4	12	<5
32522	25	<1	31	5	31	15
32523	110	<1	3	3	28	<5
32524	25	<1	92	5	48	<5
32551	<5	<1	6	5	36	<5
32552	<5	<1	8	2	21	10
32553	<5	<1	12	11	35	10
32555	<5	<1	23	7	29	20
32556	<5	<1	16	8	33	25
32557	20	<1	31	2	46	10
32558	<5	<1	70	29	58	5
32559	<5	<1	260	400	100	<5
32560	<5	<1	36	20	94	10
32561	<5	<1	64	8	91	5
32562	<5	<1	230	5	88	15
32563	<5	<1	46	7	43	<5
32564	10	<1	97	5	43	<5
32565	20	<1	75	6	17	10
32566	35	<1	37	7	28	10
32567	<5	<1	58	7	20	20
32568	30	<1	63	12	57	25
32569	270	<1	970	3	20	35
32570	15	<1	88	17	48	35
32571	<5	<1	68	9	75	<5
32572	<5	<1	52	8	50	<5
32573	<5	<1	32	19	57	5
32574	15	<1	120	11	53	10
32575	<5	<1	80	4	59	<5
32576	<5	<1	45	2	54	<5
32577	<5	<1	9	5	86	10
32578	<5	<1	57	15	320	10
32579	5	<1	20	21	46	75
32580	10	<1	12	26	26	70
32581	10	2	1000	7	26	<5
32582	25	2	1900	3	36	<5
32651	10	<1	130	7	60	10
32737	20	<1	120	32	210	<5
32738	10	<1	24	9	55	<5
32739	310	3	26	28	40	50
32740	25	<1	120	9	31	<5
32741	<5	<1	120	9	82	<5
32742	610	<1	420	10	35	10
32743	480	<1	1000	7	33	<5
32744	270	<1	270	9	23	<5
32745	10	<1	31	8	28	<5
32784	15	<1	460	<1	34	<5
32785	5	<1	640	16	34	<5
32786	<5	<1	57	<1	51	<5
32787	<5	<1	72	2	53	<5
32788	110	2	97	<1	35	35
32789	10	<1	44	7	15	10
32790	<5	<1	12	<1	38	<5
32791	45	<1	110	8	34	5
32792	<5	<1	22	2	48	<5
32793	<5	<1	18	8	170	<5
32794	35	<1	85	1	42	<5
32795	55	<1	65	6	45	80
32796	60	<1	15	9	23	<5
32797	10	<1	91	2	81	<5
32798	4.32g/t	6	1000	28	41	40
32799	40	<1	46	2	51	<5
32800	50	<1	390	<1	48	<5

1989 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
447124	45	<0.5	74	20	30	15
447125	50	<0.5	81	10	62	19
447126	<5	<0.5	41	5	114	11
447127	315	1.0	2420	25	170	14
447128	105	<0.5	836	5	22	9
447129	100	<0.5	838	10	76	10
447130	60	<0.5	733	<5	62	9
447131	210	<0.5	109	5	64	11
447132	155	<0.5	106	15	86	15
447176	25	<0.5	85	<5	66	10
447178	20	<0.5	213	<5	62	7
447179	35	<0.5	464	5	32	9
447180	55	<0.5	862	10	40	7
447181	70	<0.5	1290	5	44	22
447182	15	0.5	5370	25	414	10
447183	20	9.5	8410	75	230	10
447184	30	<0.5	268	<5	56	12
463032	<5	1.0	97	42	28	50
463048	60	<0.5	68	<5	28	2
463049	40	0.5	819	<5	50	7

1990 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90AD-01 (m)	330	<0.2	83	8	104	15
90AD-02 (m)	2620	<0.2	124	20	120	20
90AD-03 (m)	60	<0.2	98	26	130	5
90AD-04 (m)	3440	1.0	241	30	256	25
90AD-05 (m)	90	<0.2	95	30	130	25
90MO-01 (m)	80	1.6	87	10	120	30
90MO-02 (m)	305	0.2	138	84	152	55
90MO-03 (m)	40	<0.2	87	28	104	20
90MO-04 (m)	390	<0.2	76	516	1355	50
90MO-05 (m)	15	<0.2	70	18	96	35
90MO-06 (m)	45	<0.2	79	14	228	40
90MO-07 (m)	250	0.4	105	22	120	35
90MO-08 (s)	145	<0.2	99	28	126	35
90MO-09 (m)	220	<0.2	77	38	182	25
90MO-16 (s)	<5	<1	82	45	220	35
90MO-17 (m)	<5	<1	62	12	68	<5
90MO-18 (s)	<5	<1	58	31	180	<3
90MO-19 (m)	---	<1	110	6	42	<5
90MO-20 (s)	110	<1	890	11	39	15
90MO-21 (s)	20	<1	120	23	110	60
90MO-22 (s)	60	<1	700	10	36	10
90MO-23 (s)	85	<1	870	9	32	<5

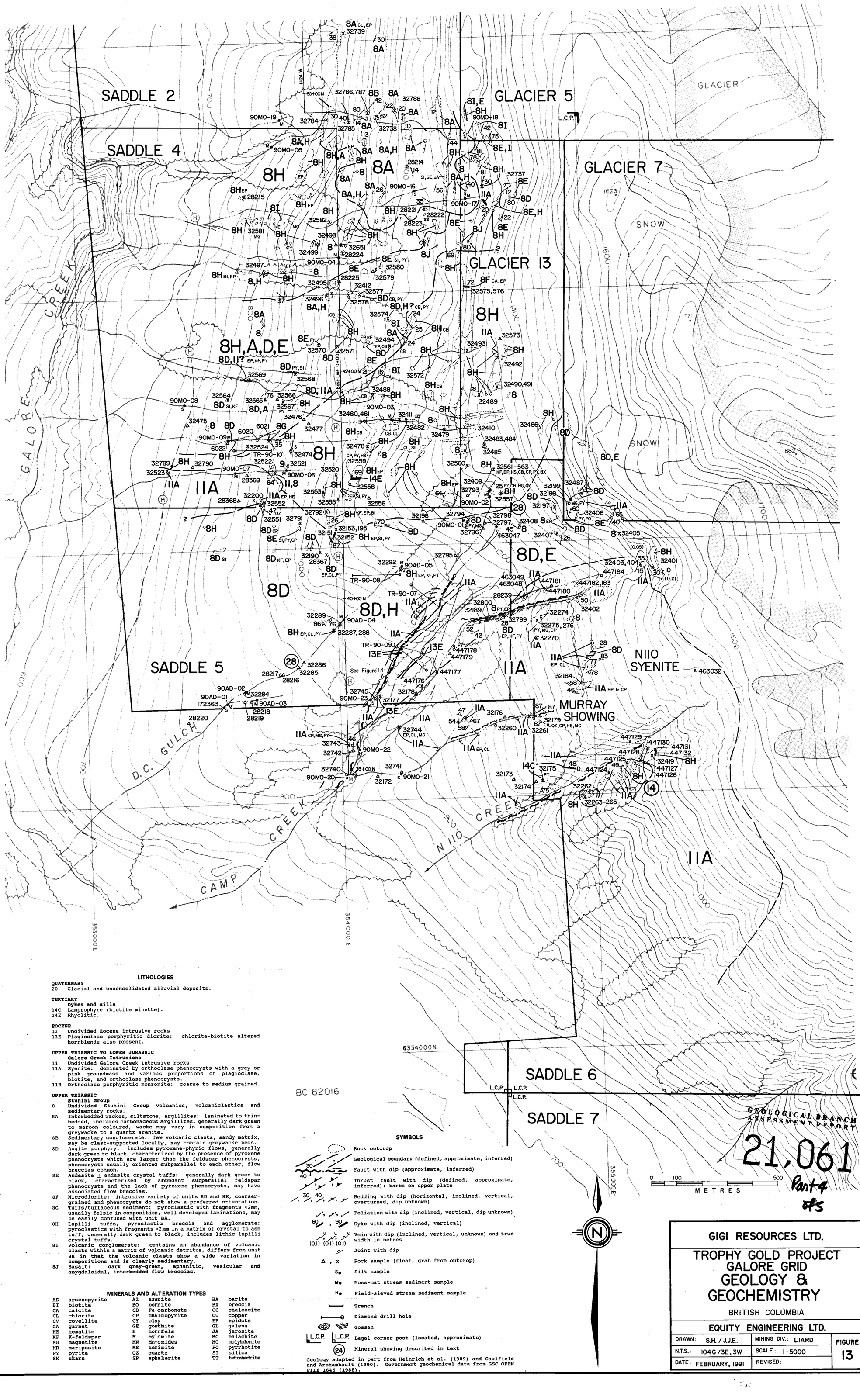
(m) denotes moss-mat sample
(s) denotes silt sample

1989 STREAM SEDIMENT SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
172363	1980	1.0	121	20	118	30
447177	120	<0.2	1565	6	84	15
463047	65	<0.2	158	50	168	20

STATISICAL ANALYSIS FOR GOVERNMENT SILT SAMPLES

Percentile	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
90th	30	0.3	103	16	133	17
95th	65	0.4	132	22	181	29
99th	237	1.0	272	55	478	81



LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

TERTIARY
Dykes and sills
14C Lamprophyre (biotite minette).
14E Rhyolitic.

EOCENE
13 Undivided Eocene intrusive rocks
13E Plagioclase porphyritic diorite: chlorite-biotite altered hornblende also present.

UPPER TRIASSIC TO LOWER JURASSIC
Galore Creek Intrusions
11 Undivided Galore Creek intrusive rocks.
11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.
11B Orthoclase porphyritic monzonite: coarse to medium grained.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites: laminated to thin-bedded, includes carbonaceous argillites, generally dark green to maroon coloured, wacke may vary in composition from a greywacke to a quartz arenite.
8B Sedimentary conglomerate: few volcanic clasts, sandy matrix, may be clast-supported locally, may contain greywacke beds.
8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.
8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.
8F Microdiorite: intrusive variety of units 8D and 8E, coarser-grained and phenocrysts do not show a preferred orientation.
8G Tuffs/tuffaceous sediment: pyroclastic with fragments <2mm, usually felsic in composition, well developed laminations, may be easily confused with unit 8A.
8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.
8I Volcanic conglomerate: contains an abundance of volcanic clasts within a matrix of volcanic detritus, differs from unit 8H in that the volcanic clasts show a wide variation in compositions and is clearly sedimentary.
8J Basalt: dark grey-green, aphanitic, vesicular and amygdaloidal, interbedded flow breccias.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Δ , X Rock sample (float, grab from outcrop)
- S● Silt sample
- Me● Moss-mat stream sediment sample
- He● Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- L.C.P. L.C.P. Legal corner post (located, approximate)
- (24) Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

GEOLOGICAL BRANCH
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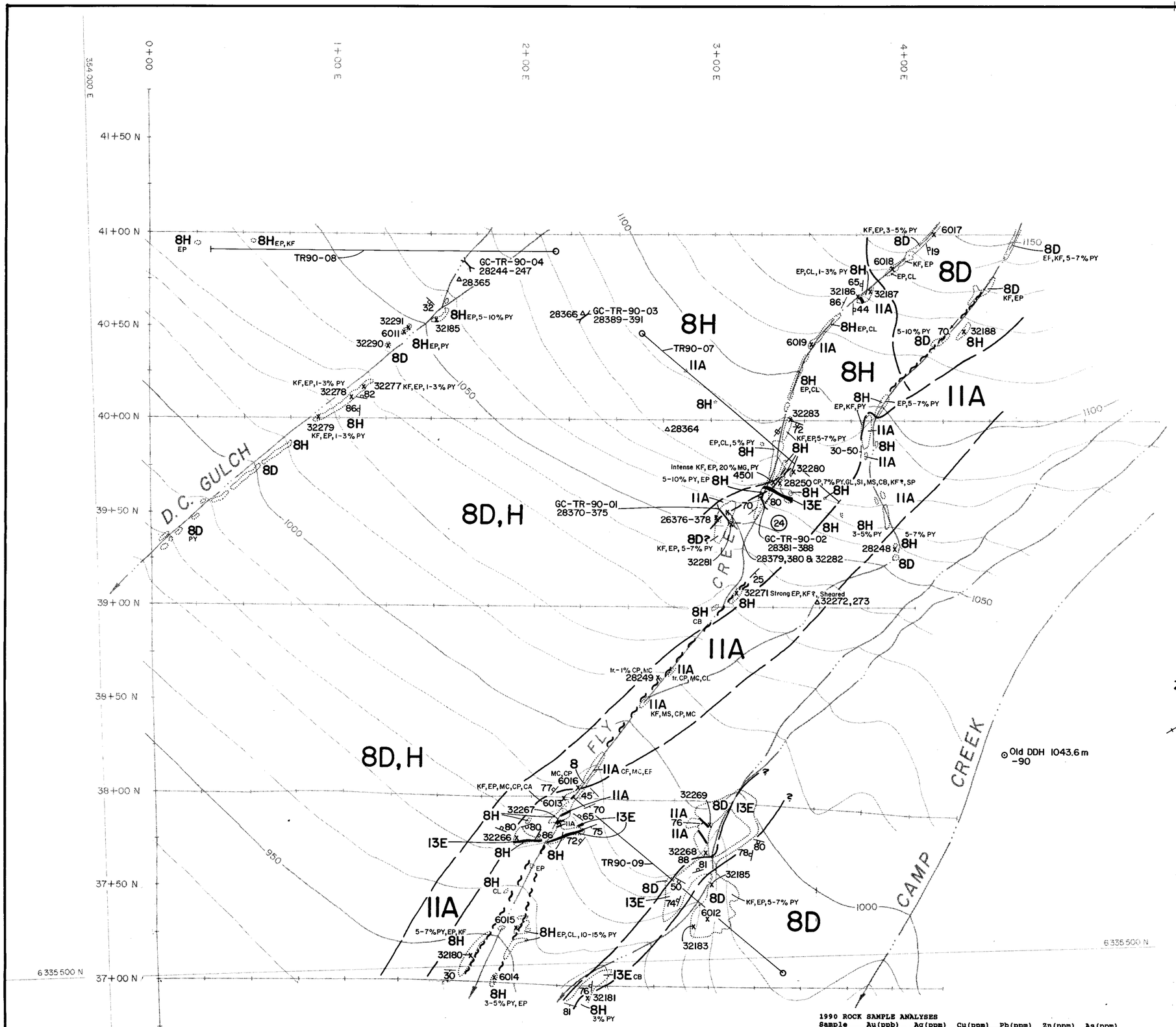
TROPHY GOLD PROJECT
GALORE GRID
GEOLOGY & GEOCHEMISTRY

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: S.H. / J.J.E.	MINING DIV.: LIARD	FIGURE 13
N.T.S.: 104G/3E, 3W	SCALE: 1:5000	
DATE: FEBRUARY, 1991	REVISED:	



LITHOLOGIES

QUATERNARY
20 Glacial and unconsolidated alluvial deposits.

TERTIARY
Dykes and sills
14C Lamprophyre (biotite minette).
14E Rhyolitic.

EOCENE
13 Undivided Eocene intrusive rocks
13E Plagioclase porphyritic diorite: chlorite-biotite altered hornblende also present.

UPPER TRIASSIC TO LOWER JURASSIC
Galore Creek Intrusions
11 Undivided Galore Creek intrusive rocks.
11A Syenite: dominated by orthoclase phenocrysts with a grey or pink groundmass and various proportions of plagioclase, biotite, and orthoclase phenocrysts.
11B Orthoclase porphyritic monzonite: coarse to medium grained.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites: laminated to thin-bedded, includes carbonaceous argillites, generally dark green to maroon coloured, wacke may vary in composition from a greywacke to a quartz arenite.
8B Sedimentary conglomerate: few volcanic clasts, sandy matrix, may be clast-supported locally, may contain greywacke beds.
8D Augite porphyry: includes pyroxene-phyric flows, generally dark green to black, characterized by the presence of pyroxene phenocrysts which are larger than the feldspar phenocrysts, phenocrysts usually oriented subparallel to each other, flow breccias common.
8E Andesite ± andesite crystal tuffs: generally dark green to black, characterized by abundant subparallel feldspar phenocrysts and the lack of pyroxene phenocrysts, may have associated flow breccias.
8F Microdiorite: intrusive variety of units 8D and 8E, coarser-grained and phenocrysts do not show a preferred orientation.
8G Tuffs/tuffaceous sediment: pyroclastic with fragments <2mm, usually felsic in composition, well developed laminations, may be easily confused with unit 8A.
8H Lapilli tuffs, pyroclastic breccia and agglomerate: pyroclastics with fragments >2mm in a matrix of crystal to ash tuff, generally dark green to black, includes lithic lapilli crystal tuffs.
8I Volcanic conglomerate: contains an abundance of volcanic clasts within a matrix of volcanic detritus, differs from unit 8H in that the volcanic clasts show a wide variation in compositions and is clearly sedimentary.
8J Basalt: dark grey-green, aphanitic, vesicular and amygdaloidal, interbedded flow breccias.

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BX	breccia
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	copper
CV	covellite	CY	clay	EP	epidote
GA	garnet	GE	goethite	GL	galena
HE	hematite	H	hornfels	JA	jarosite
KF	K-feldspar	M	mylonite	MC	malachite
MG	magnetite	MN	Mn-oxides	MO	molybdenite
MR	mariposite	MS	sericite	PO	pyrrhotite
PY	pyrite	QZ	quartz	SI	silica
SK	skarn	SP	sphalerite	TT	tetrahedrite

SYMBOLS

- Rock outcrop
- Geological boundary (defined, approximate, inferred)
- Fault with dip (approximate, inferred)
- Thrust fault with dip (defined, approximate, inferred): barbs on upper plate
- Bedding with dip (horizontal, inclined, vertical, overturned, dip unknown)
- Foliation with dip (inclined, vertical, dip unknown)
- Dyke with dip (inclined, vertical)
- Vein with dip (inclined, vertical, unknown) and true width in metres
- Joint with dip
- Δ , X Rock sample (float, grab from outcrop)
- S Silt sample
- M Moss-mat stream sediment sample
- H Field-sieved stream sediment sample
- Trench
- Diamond drill hole
- Gossan
- L.C.P. L.C.P. Legal corner post (located, approximate)
- (24) Mineral showing described in text

Geology adapted in part from Heinrich et al. (1989) and Caulfield and Archambault (1990). Government geochemical data from GSC OPEN FILE 1646 (1988).

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061

0 10 50 100
METRES

1990 GALORE CREEK TRENCH SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
GC-TR-90-01						
28370	0.09g/t	<1.71g/t	<1	21	25	<5
28371	<0.034g/t	1.71g/t	9	23	39	<5
28372	0.12g/t	3.43g/t	180	58	43	<5
28373	0.62g/t	1.71g/t	25	18	26	<5
28374	0.14g/t	<1.71g/t	17	12	20	<5
28375	0.45g/t	<1.71g/t	38	18	19	<5
GC-TR-90-02						
28381	0.38g/t	2.06g/t	230	17	47	<5
28382	0.93g/t	3.09g/t	350	42	59	<5
28383	0.27g/t	2.40g/t	64	32	33	<5
28384	0.99g/t	3.43g/t	370	40	57	<5
28385	0.55g/t	2.40g/t	4	28	59	<5
28386	3.67g/t	6.17g/t	63	1300	960	<5
28387	0.24g/t	2.06g/t	7	61	65	<5
28388	0.38g/t	2.40g/t	160	57	140	<5
GC-TR-90-03						
28389	0.34g/t	2.40g/t	270	32	75	<5
28390	0.10g/t	1.71g/t	120	15	41	15
28391	<0.034g/t	1.71g/t	20	19	38	<5
GC-TR-90-04						
28244	0.55g/t	2.06g/t	86	9	45	45
28245	<.034g/t	<1.74g/t	65	10	64	30
28246	<.034g/t	2.40g/t	110	<1	67	35
28247	<.034g/t	<1.74g/t	89	7	12	130

1990 ROCK SAMPLE ANALYSES

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
4501	12.75g/t	<1	470	8	13	<5
6011	<.034g/t	<1	34	23	48	5
6012	<.034g/t	<1	120	3	20	<5
6013	0.14g/t	<1	900	2	27	<5
6014	0.03g/t	<1	46	2	17	<5
6015	<.034g/t	<1	87	7	31	5
6016	0.50g/t	<1	930	6	25	<5
6017	<.034g/t	<1	13	1	39	10
6018	<.034g/t	<1	18	84	53	<5
6019	0.22g/t	<1	16	10	7	<5
28248	0.07g/t	<1	50	4	22	5
28249	0.96g/t	<1	1000	2	30	<5
28250	2.16g/t	3	140	190	330	15
28364	55	<1	180	9	19	5
28365	600	<1	120	15	54	20
28366	80	<1	35	7	27	15
28376	0.41g/t	<1	4	27	18	<5
28377	0.41g/t	2.06g/t	5	39	19	<5
28378	2.40g/t	<1	<1	29	8	<5
28379	0.34g/t	2.06g/t	51	45	16	<5
28380	1.13g/t	1.71g/t	8	16	16	<5
32180	30	<1	290	5	26	<5
32181	35	<1	140	2	24	<5
32183	25	<1	430	<1	23	<5
32185	570	<1	110	23	65	5
32186	5	<1	6	5	10	10
32187	55	<1	5	5	37	5
32188	10	<1	4	3	54	<5
32266	40	<1	150	1	45	<5
32267	210	<1	1000	<1	32	<5
32268	30	<1	290	<1	30	<5
32269	40	<1	320	<1	41	<5
32271	50	<1	290	4	42	<5
32272	5	<1	120	3	23	5
32273	<5	<1	120	7	66	10
32277	100	<1	150	9	47	<5
32278	25	<1	66	3	35	<5
32279	90	<1	120	4	34	<5
32280	1.41g/t	<1	54	4	12	<5
32281	1.06g/t	<1	14	8	11	10
32282	1.17g/t	<1	72	16	11	45
32283	100	<1	80	8	42	5
32290	170	<1	150	6	26	40
32291	260	<1	57	48	50	15

GIGI RESOURCES LTD.

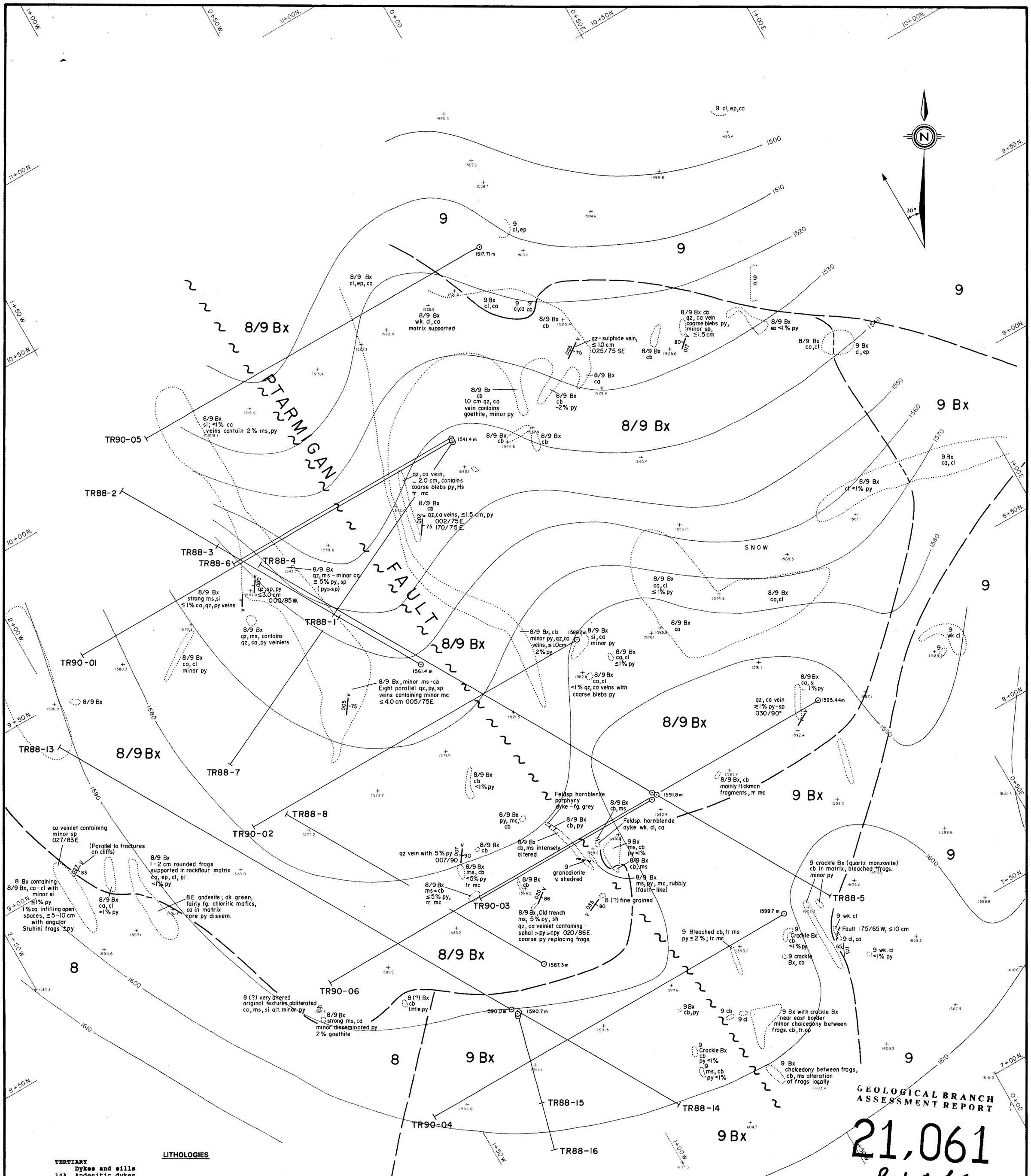
TROPHY GOLD PROJECT
GALORE GRID

GEOLOGY & D.D.H. PLAN

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: S.H./J.J.E.	MINING DIV.: LIARD	FIGURE 14
N.T.S.: 104G/3E,3W	SCALE: 1:1000	
DATE: FEBRUARY, 1991	REVISED:	



LITHOLOGIES

TERTIARY

Dykes and sills

14A Andesitic dykes.
14B Basaltic (gabbroic) dykes.
14D Dioritic dykes.
14E Rhyolitic dykes.
14F Pyroxenite dykes.

EOCENE

Ptarmigan Breccia

9Bx Homolithic breccia composed entirely of Hickman batholith fragments.
8Bx Homolithic breccia composed entirely of Stuhini volcanic and sedimentary fragments.
8/9Bx Heterolithic breccia composed of Hickman, Stuhini and rare quartz-plagioclase porphyry fragments.
13FBx Heterolithic breccia composed dominantly of quartz-plagioclase porphyry fragments with fewer Stuhini fragments.

EOCENE

13 Undivided Eocene intrusive rocks.
13F Quartzplagioclase porphyritic monzonite dykes.

MIDDLE-TO-LATE TRIASSIC

Hickman Batholith

9 Monzonite and diorite.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites.

SYMBOLS

TR90-05 (240°/-45°/172.2m) — Diamond drill hole (Azimuth, Dip, Length) 1988 drill holes have been projected onto section for 15 metres on either side of 1990 drill holes.

Projection of diamond drill hole which extends more than 15 metres on either side of 1990 drill holes.

.051/0.09 — Assay Interval: Au (oz/ton) / Ag (oz/ton) Only assay intervals with greater than 0.05 oz/ton gold or 1.0 oz/ton silver have been shown.

Lithological Contact (Inferred)

Fault/Shear

ALTERATION MINERALS

ca	calcite	cb	Fe-carbonate	cl	chlorite
ep	epidote	ga	galena	mr	mariposite
mc	malachite	ms	sericite	py	pyrite
qz	quartz	sh	specular hematite	si	silica
sp	sphalerite				

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061
Part 4 of 5

m 0 10 20 30 40 50 m

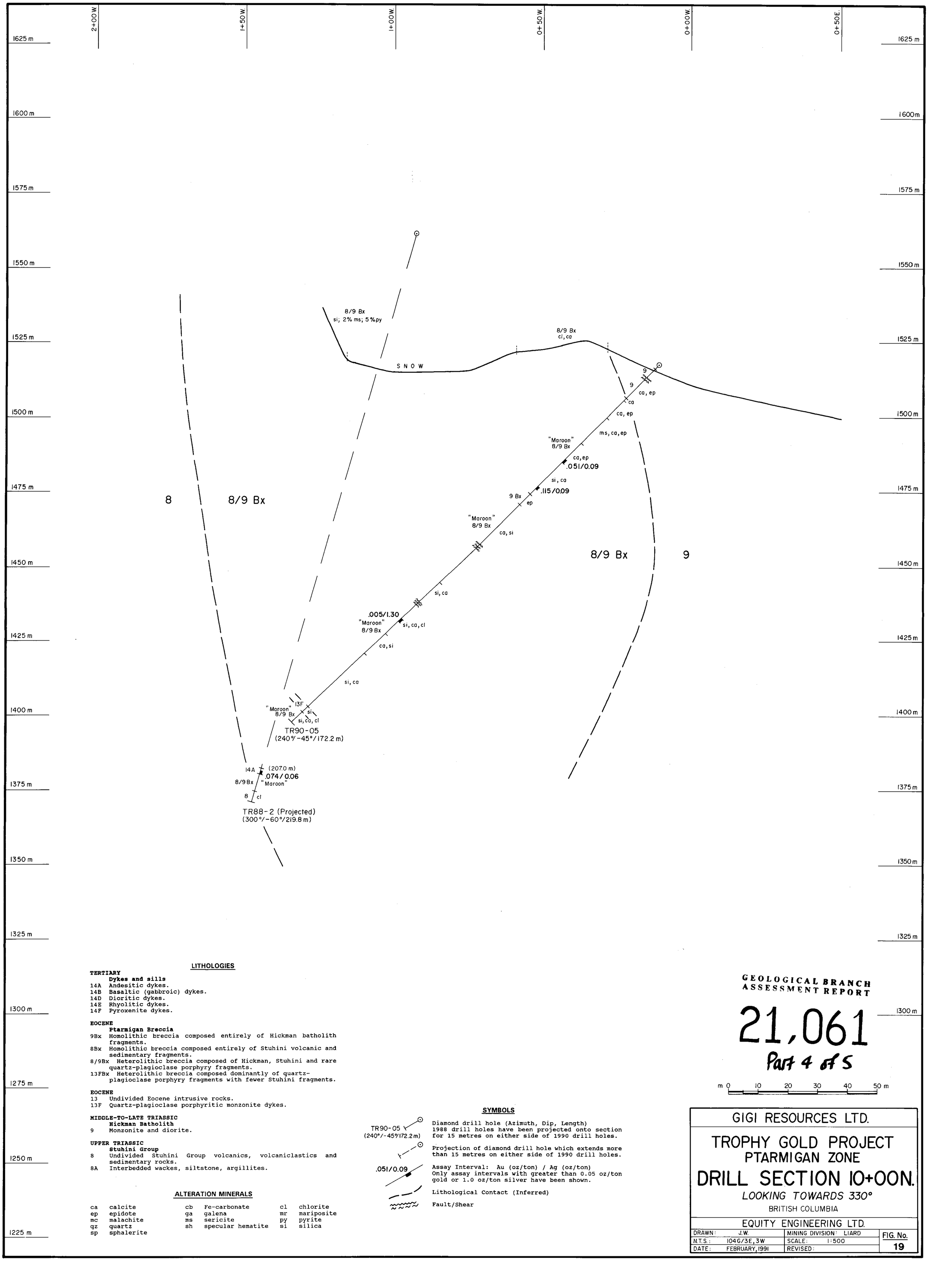
GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL PLAN

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.W.	MINING DIVISION: LIARD	FIG. No.
N.T.S.: 104G/3E, 3W	SCALE: 1:500	18
DATE: FEBRUARY, 1991	REVISED:	



LITHOLOGIES

TERTIARY

Dykes and sills

14A Andesitic dykes.
14B Basaltic (gabbroic) dykes.
14D Dioritic dykes.
14E Rhyolitic dykes.
14F Pyroxenite dykes.

EOCENE

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13 Undivided Eocene intrusive rocks.
13F Quartz-plagioclase porphyritic monzonite dykes.

MIDDLE-TO-LATE TRIASSIC

Hickman Batholith

9 Monzonite and diorite.

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8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites.

ALTERATION MINERALS

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ep	epidote	ga	galena	mr	mariposite
mc	malachite	ms	sericite	py	pyrite
qz	quartz	sh	specular hematite	si	silica
sp	sphalerite				

SYMBOLS

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Lithological Contact (Inferred)

Fault/Shear

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061

Part 4 of 5

m 0 10 20 30 40 50 m

GIGI RESOURCES LTD.

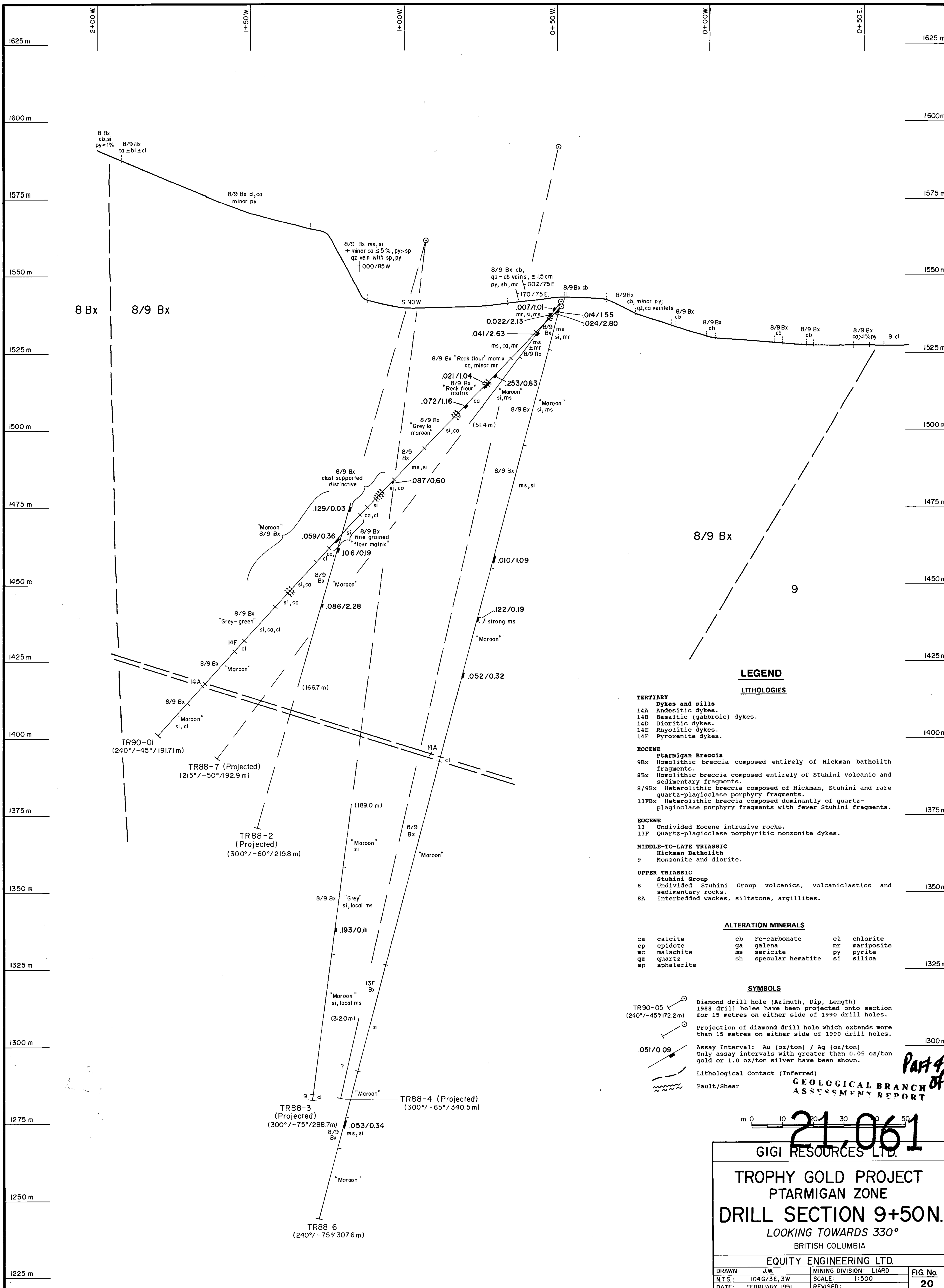
TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL SECTION 10+00N.

LOOKING TOWARDS 330°

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.W.	MINING DIVISION: LIARD	FIG. No. 19
N.T.S.:	104G/3E, 3W	SCALE: 1:500	
DATE:	FEBRUARY, 1991	REVISED:	



LEGEND

LITHOLOGIES

TERTIARY
Dykes and sills
14A Andesitic dykes.
14B Basaltic (gabbroic) dykes.
14D Dioritic dykes.
14E Rhyolitic dykes.
14F Pyroxenite dykes.

EOCENE
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EOCENE
13 Undivided Eocene intrusive rocks.
13F Quartz-plagioclase porphyritic monzonite dykes.

MIDDLE-TO-LATE TRIASSIC
Hickman Batholith
9 Monzonite and diorite.

UPPER TRIASSIC
Stuhini Group
8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites.

ALTERATION MINERALS

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ep	epidote	ga	galena	mr	mariposite
mc	malachite	ms	sericite	py	pyrite
qz	quartz	sh	specular hematite	si	silica
sp	sphalerite				

SYMBOLS

TR90-05 (240°/-45°/172.2 m) — Diamond drill hole (Azimuth, Dip, Length). 1988 drill holes have been projected onto section for 15 metres on either side of 1990 drill holes.

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Lithological Contact (Inferred)

Fault/Shear

Part 4 of 5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061

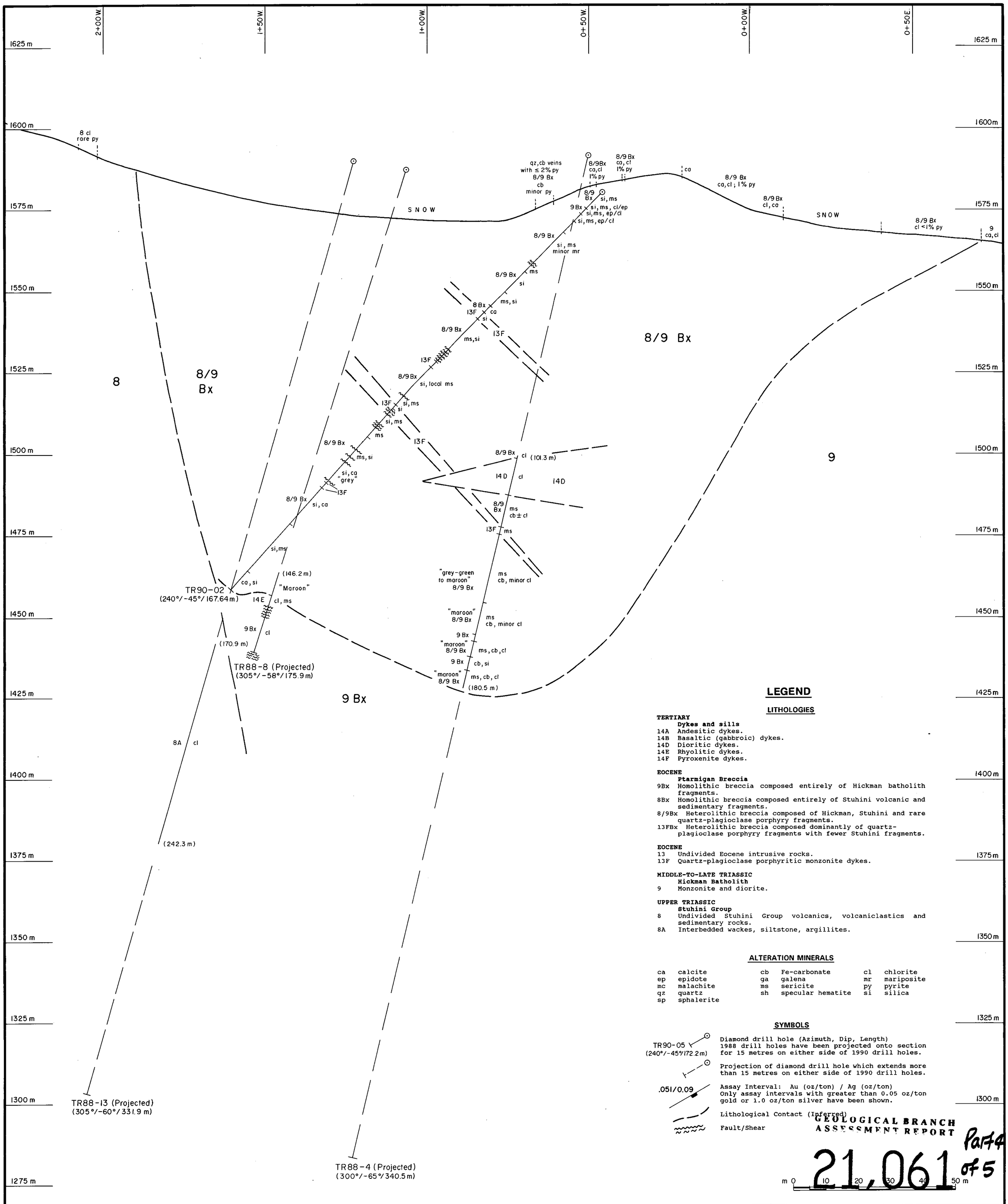
m 0 10 20 30 40 50

GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL SECTION 9+50N.
LOOKING TOWARDS 330°
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN:	J.W.	MINING DIVISION:	LIARD	FIG. No.
N.T.S.:	104G/3E, 3W	SCALE:	1:500	20
DATE:	FEBRUARY, 1991	REVISED:		



LEGEND

LITHOLOGIES

TERTIARY

Dykes and sills

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14E Rhyolitic dykes.
14F Pyroxenite dykes.

EOCENE

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8/9Bx Heterolithic breccia composed of Hickman, Stuhini and rare quartz-plagioclase porphyry fragments.
13FBx Heterolithic breccia composed dominantly of quartz-plagioclase porphyry fragments with fewer Stuhini fragments.

EOCENE

13 Undivided Eocene intrusive rocks.
13F Quartz-plagioclase porphyritic monzonite dykes.

MIDDLE-TO-LATE TRIASSIC

Hickman Batholith

9 Monzonite and diorite.

UPPER TRIASSIC

Stuhini Group

8 Undivided Stuhini Group volcanics, volcaniclastics and sedimentary rocks.
8A Interbedded wackes, siltstone, argillites.

ALTERATION MINERALS

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ep	epidote	ga	galena	mr	mariposite
mc	malachite	ms	sericite	py	pyrite
qz	quartz	sh	specular hematite	si	silica
sp	sphalerite				

SYMBOLS

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Lithological Contact (Inferred)

Fault/Shear

m 0 10 20 30 40 50 m

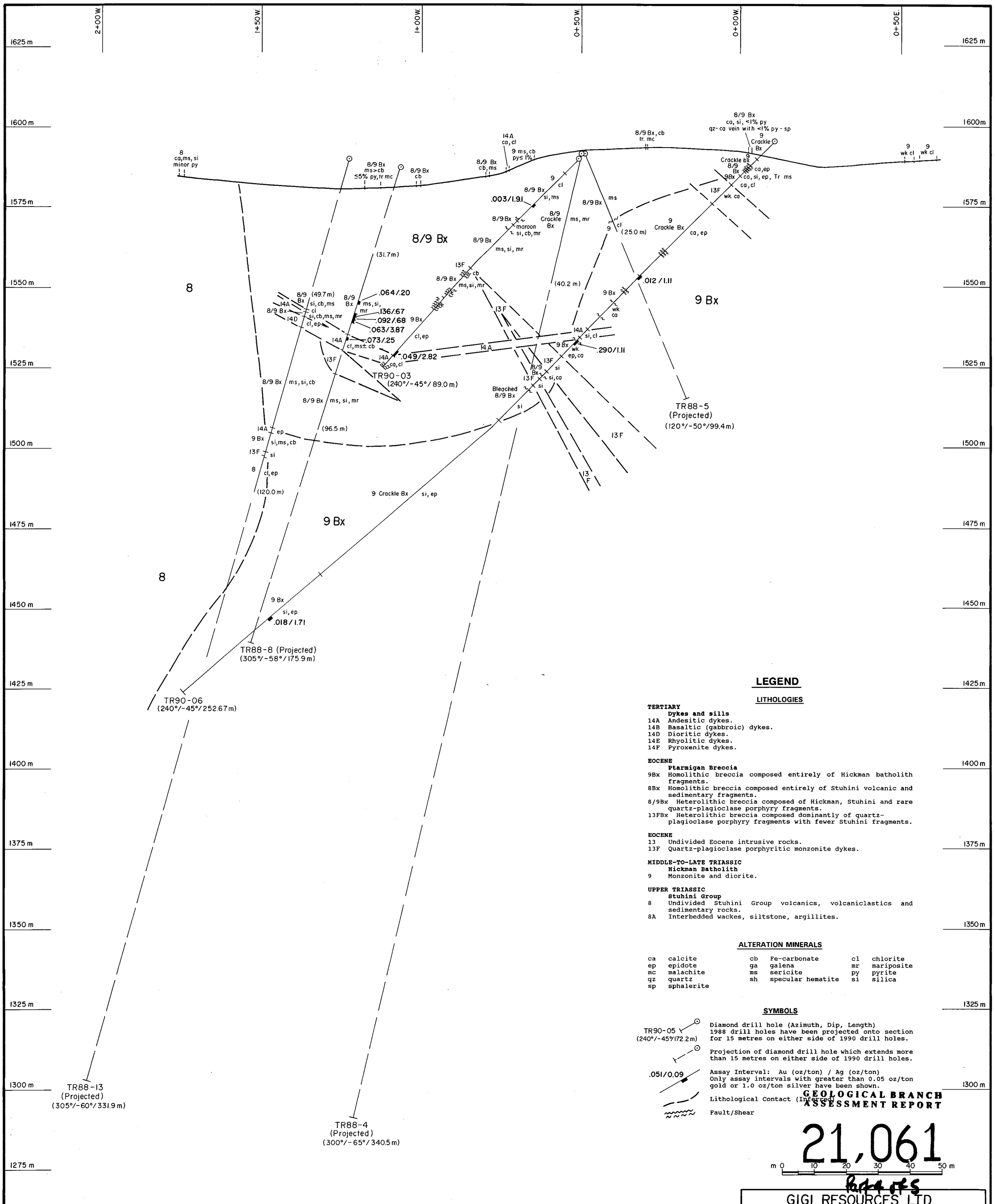
GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL SECTION 8+75N.
LOOKING TOWARDS 330°

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.W.	MINING DIVISION: LIARD		FIG. No.
N.T.S.: 104G/3E,3W	SCALE: 1:500		21
DATE: FEBRUARY, 1991	REVISED:		



LEGEND

LITHOLOGIES

TERTIARY

Dykes and sills

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EOCENE

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MIDDLE-TO-LATE TRIASSIC

Hickman Batholith

9 Monzonite and diorite.

UPPER TRIASSIC

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Lithological Contact (Inferred)

Fault/Shear

m 0 10 20 30 40 50 m

RPT # 075

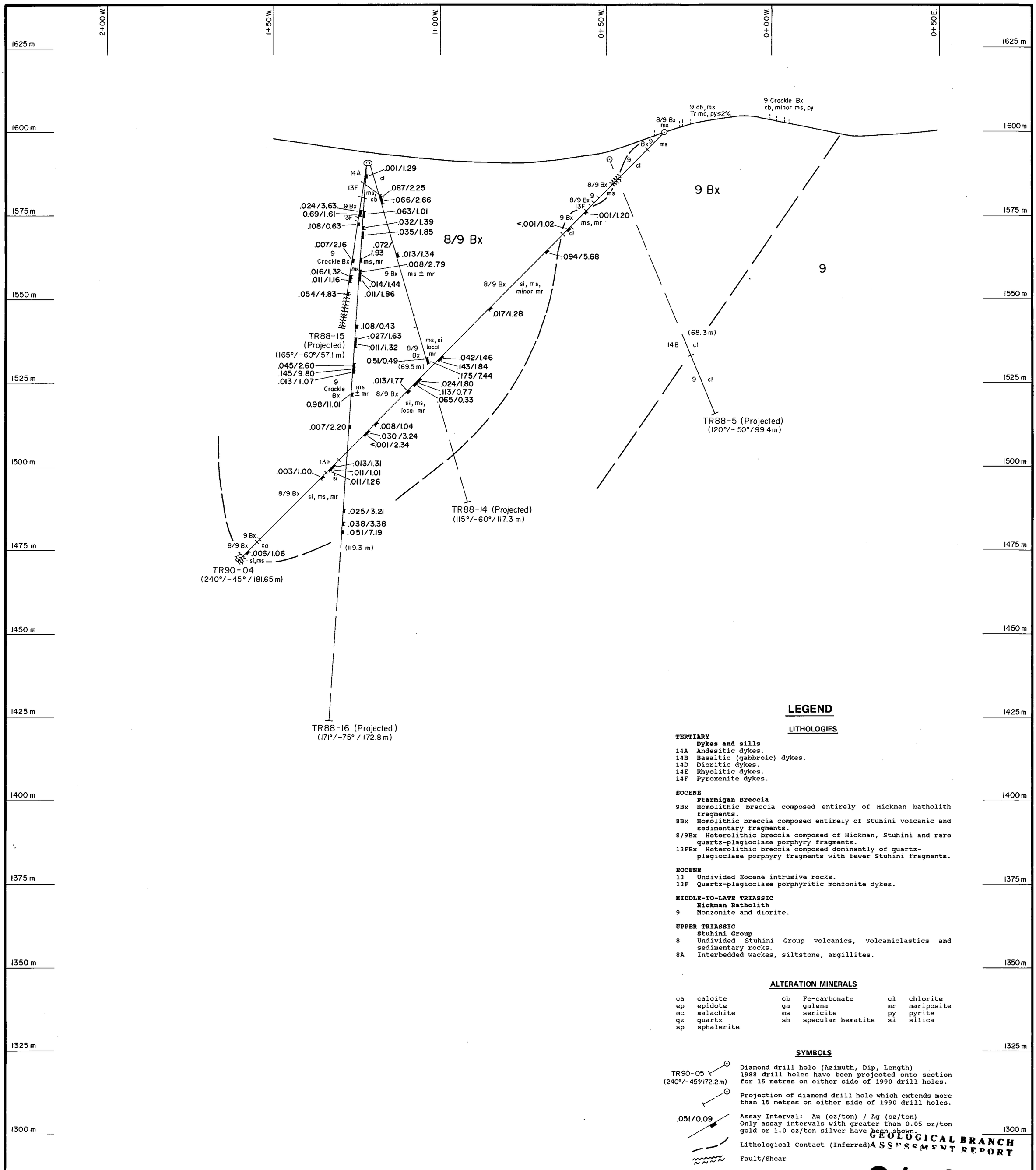
GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL SECTION 8+25N.
LOOKING TOWARDS 330°

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.W.	MINING DIVISION: LIARD	FIG. No.
N.T.S.: 104G/3E,3W	SCALE: 1:500	22
DATE: FEBRUARY, 1991	REVISED:	



LEGEND

LITHOLOGIES

TERTIARY

Dykes and sills

14A Andesitic dykes.
14B Basaltic (gabbroic) dykes.
14D Dioritic dykes.
14E Rhyolitic dykes.
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13F Quartz-plagioclase porphyritic monzonite dykes.

MIDDLE-TO-LATE TRIASSIC

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9 Monzonite and diorite.

UPPER TRIASSIC

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ep	epidote	ga	galena	mr	mariposite
mc	malachite	ms	sericite	py	pyrite
qz	quartz	sh	specular hematite	si	silica
sp	sphalerite				

SYMBOLS

TR90-05
(240°/-45°/172.2m)

Diamond drill hole (Azimuth, Dip, Length)
1988 drill holes have been projected onto section for 15 metres on either side of 1990 drill holes.

Projection of diamond drill hole which extends more than 15 metres on either side of 1990 drill holes.

.051/0.09

Assay Interval: Au (oz/ton) / Ag (oz/ton)
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Lithological Contact (Inferred)

Fault/Shear

m 0 10 20 30 40 50 m

Part 4 of 5

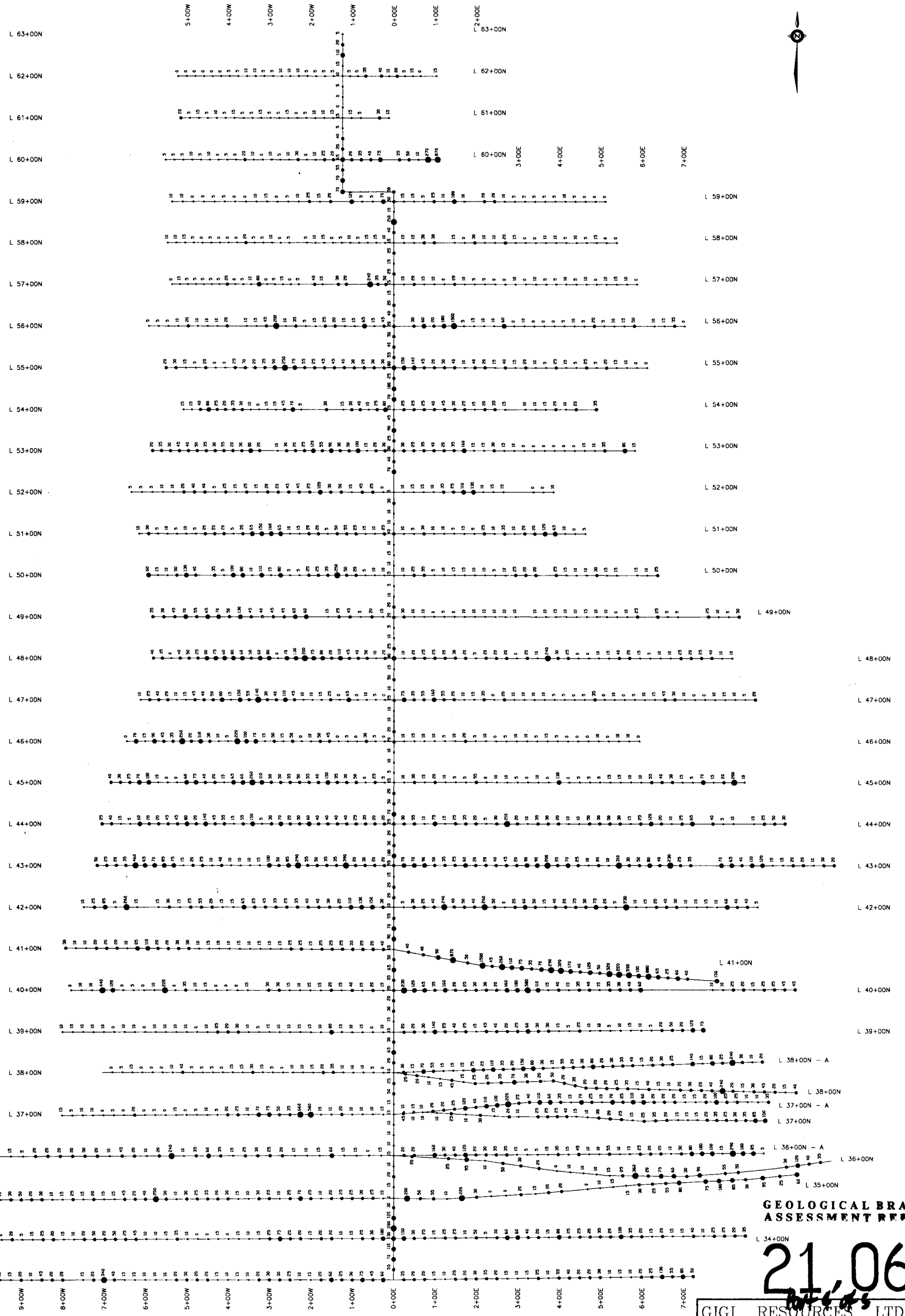
GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
PTARMIGAN ZONE
DRILL SECTION 7+75N.
LOOKING TOWARDS 330°

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.W.	MINING DIVISION: LIARD	FIG. No.
N.T.S.: 104G/3E, 3W	SCALE: 1:500	23
DATE: FEBRUARY, 1991	REVISED:	



LEGEND

Soil location and value

Gold Anomaly Levels

- 0 < value < 19 ppb
- 19 <= value < 60 ppb
- 60 <= value < 190 ppb
- 190 <= value ppb

Gold determinations below threshold (<5ppb) are shown as 0 ppb.

SCALE: 1:5 000

0 50 100 150 200 250 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,061

GIGI RESOURCES LTD.

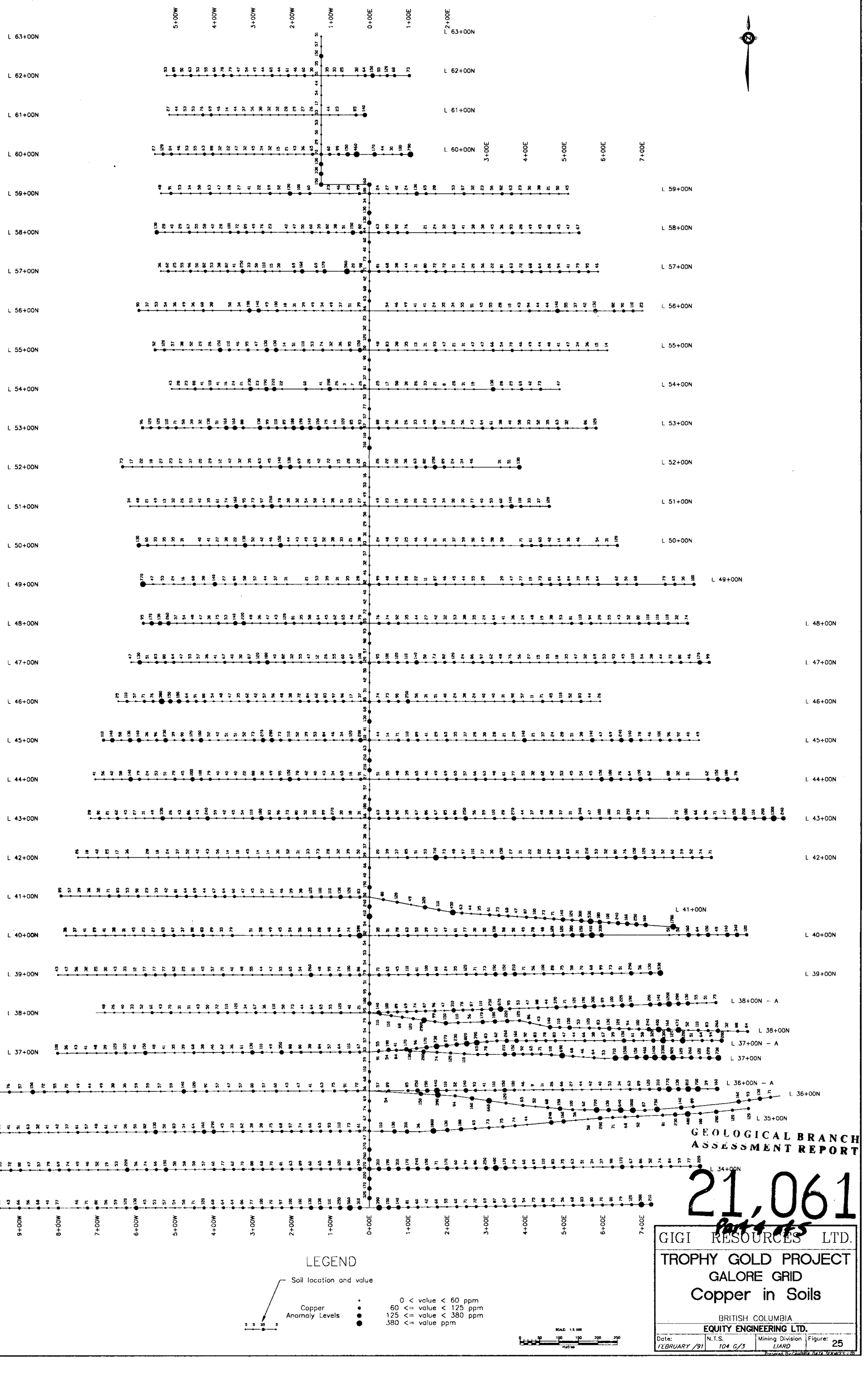
TROPHY GOLD PROJECT
GALORE GRID
Gold in Soils

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
FEBRUARY /91	104 G/3	LIARD	24

Prepared By CAMBRIA DATA SERVICES LTD.



GIGI RESOURCES LTD.

TROPHY GOLD PROJECT
GALORE GRID
Copper in Soils

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
FEBRUARY /91	104 G/3	LIARD	25

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