

86-18-14429

TOPOGRAPHIC MAPPING,
TRENCHING AND
GEOCHEMICAL REPORT

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

ON THE

MAY AND JENNIE PROPERTY

Nelson Mining Division, British Columbia

14,429

Claims:	May and Jennie C.G. Lot 3943	MAJ 3	4180 (7)
	Tip Top Fr.	568 (2)	MAJ 4 Fr. 4181 (7)
	Golden Giant	1420 (1)	MAJ 5 Fr. 4182 (7)
	Gold Bell	1421 (1)	MAJ 6 Fr. 4183 (7)
	Gold Note	2682 (8)	MAJ 7 Fr. 4184 (7)
	Red Top No. 1	852 (11)	MAJ 8 Fr. 4185 (7)
	NEL Fr.	3836 (8)	MAJ 9 Fr. 4186 (7)
	MAJ 1	4178 (7)	MAJ 10 Fr. 4187 (7)
	MAJ 2	4179 (7)	

Latitude: 49°26.5'N. Longitude: 117°22.5'W. N.T.S. 82F/6W.

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October 11, 1985

J.D. Blanchflower, F.G.A.C.
Consulting Geologist

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INTRODUCTION

Player Resources Inc. and Yucana Resources Inc., both of Suite 501-808 Nelson Street, Vancouver, B.C., operate seventeen contiguous mineral claims in the Nelson Mining Division, British Columbia. This report, prepared at the request of the directors of Player Resources Inc., describes the 1985 exploration program. This program includes: photogrammetric topographic mapping at a scale of 1:2,500, road construction, backhoe trenching and rock geochemical sampling of the May and Jennie property.

The purpose of the 1985 exploration program was to explore and sample the May and Jennie vein structure, as recommended in the report by J.D. Blanchflower, F.G.A.C. (1985). This assessment work was undertaken between May 15th and September 15th, 1985. This report was prepared between September 16th and October 11, 1985.

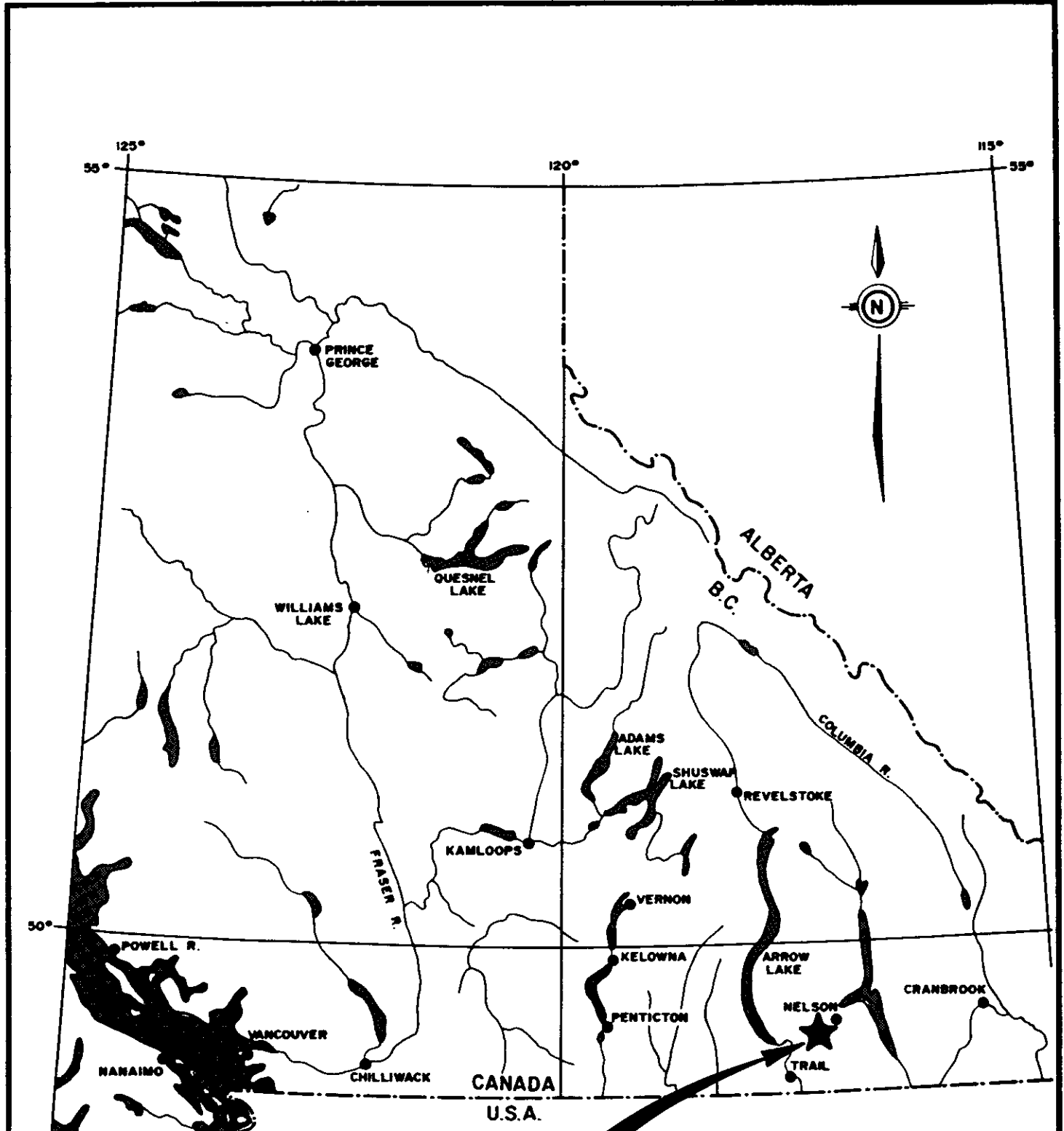
SUMMARY

The May and Jennie property is comprised of one Crown Grant, four Reverted Crown Grants and twelve located claims situated in the Nelson Mining Division of southeastern British Columbia. The claims are located on the steep southwestern slopes of the Fortynine Creek drainage, approximately 8.5 kilometres southwest of the city of Nelson. Their geographic coordinates are 49°26.5'N. latitude by 117°22.5'W. longitude (N.T.S. 82F/6W).


Seasonal vehicular access is possible via an all-weather paved and gravel road from Nelson to Fortynine Creek; thence west and southeast on the Fortynine Creek gravel logging road to the property. It is approximately 16 kilometres by road from Nelson to the claims.

The subject claims are operated by Player Resources Inc. and Yucana Resources Inc. subject to the terms of option to purchase agreements with Europa Petroleum Ltd. and Mr. L. Leighton.

Active exploration and development was carried out on this property between 1900 and 1905 by United Gold Fields of B.C. and



**MAY and JENNIE
PROPERTY**

 MINOREX CONSULTING LTD. GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.	
PLAYER RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
LOCATION MAP	
MAY and JENNIE PROPERTY NELSON MINING DIVISION, B.C.	
DATE:	OCT., 1985
SCALE:	1" = 64 mi.
DWN. BY:	T.P.Q.
DWG. NO.:	1

To accompany a report by J.D. Blanchflower.

the Reliance Gold Mining Company of Nelson. During that period these operators developed approximately 610 metres of underground workings. In addition, a 50-ton mill, tramway, road, cyaniding plant and camp were constructed. Despite optimistic reports the known mineralization was never mined. Various operators since that time tried to rehabilitate the workings but as yet none have been successful.

The property is underlain by northwesterly striking and easterly dipping volcanic flows, breccias and fine-grained pyroclastic units of the Lower Jurassic Rossland Formation. A major northwesterly striking en echelon fault system displaces the volcanics in the vicinity of the workings. This fault zone controlled the emplacement of the known quartz-pyrite vein mineralization and later lamprophyre dykes.

The known May and Jennie vein is exposed over a strike length of 58 metres within northwesterly and southeasterly drifts of the No. 2 adit, the only underground working currently accessible to the vein. This same structure is reportedly exposed in the now sloughed-in No. 1 adit and also on surface, an updip extension of 56 metres. The vein varies in width from 15 cm. to 0.66 metres and it is open both along strike and downdip. Chip sampling undertaken during 1983 and 1984 returned values up to 1.18 oz./ton gold across 0.66 metres.

The 1985 exploration program included: the preparation of a 1:2,500 photogrammetric topographic map of the property; construction of a 1-kilometre access road along the surface trace of the May and Jennie vein; excavation of 13 backhoe trenches (60 metres); surveying, mapping and collection of sixty-two rock geochemical samples; analysis of all rock samples for gold (p.p.b.) and silver (p.p.m.); fire assaying twenty-four sample pulps for gold (oz./ton); and report preparation.

The results of the exploration work confirmed the excellent exploration potential of the property. The May and Jennie vein was exposed for 345 metres on surface. Analytical results from vein samples collected over 200 metres of strike length returned values ranging from 0.03 to 1.07 oz./ton gold. The vein widths vary from

a few centimetres to over 2 metres, commonly averaging 0.6 to 0.8 metre. This is the same mineralized structure exposed 56 metres downdip within the No. 2 adit.

In addition to the May and Jennie vein, trenching exposed two hematitic shear zones on the Red Top No. 1 and NEL Fraction claims. The rock geochemical samples returned highly anomalous gold values (170 to 455 p.p.b.) which warrant detailed mapping and sampling.

Further exploration is certainly warranted to evaluate both the May and Jennie vein and other encouraging exploration targets. The writer recommends preliminary diamond drilling and trenching during the next stage of exploration. Total cost of this proposed work is estimated at \$70,000.

PROPERTY AND OWNERSHIP

The property is comprised of one Crown Grant, four Reverted Crown Grants and twelve located claims, all situated in the Nelson Mining Division of southeastern British Columbia. Five of the claims have been legally surveyed and all seventeen claims are contiguous. The configuration of the claims and their relationship to adjoining and pre-existing claims is shown in Figure 2 accompanying this report. Figure 2 is a reproduction in part of the B.C. Ministry of Mines' claim map 82F/6W.

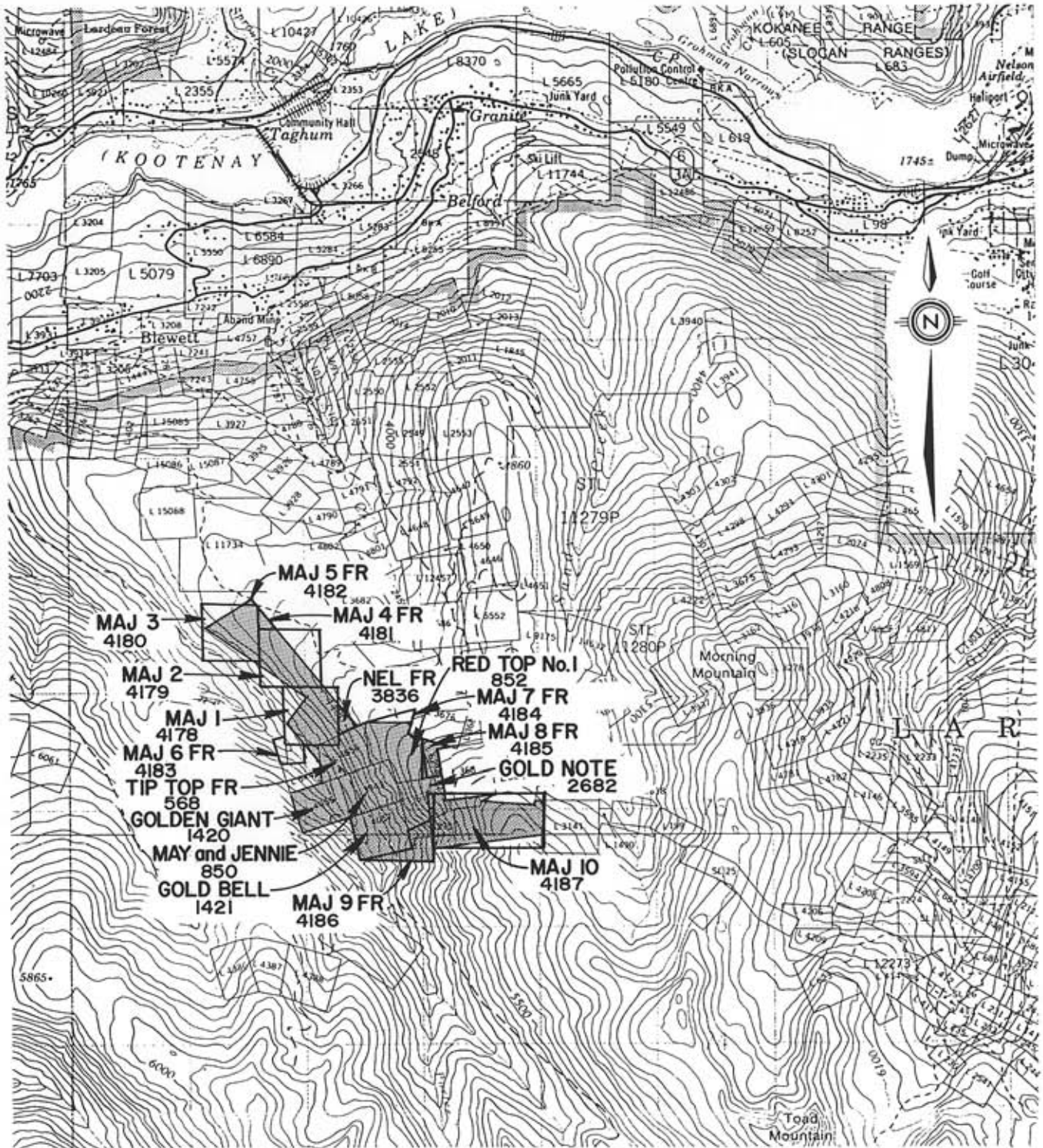
The May and Jennie Crown Grant (Lot 3943), Tip Top Fr. Reverted Crown Grant (Lot 4656) and Red Top No. 1 located claims were acquired by Player Resources Inc. from Europa Petroleum Ltd. of Calgary, Alberta (Letter of Intent dated February 7, 1983). Player Resources Inc. acquired the Gold Note (Lot 616), Golden Giant (Lot 4655) and Gold Bell (Lot 4657) Reverted Crown Grants from Mr. Lorne Leighton of Nelson, B.C. (Letter of Intent dated March 6, 1983).

The located, full and fractional M.G.S. mineral claims are wholly owned by Player Resources Inc. The NEL Fractional claim was recorded in Player Resources' behalf on August 24th, 1984, and the MAJ 1 to 10 claims were staked by the writer, as agent for Player Resources Inc. The latter full and fractional claims were staked this year following approval to abandon and relocate the pre-existing PET-1 to 5, AGE Fr., ALE Fr. and APE Fr. claims. See Table I for a summary of all pertinent mineral claim data.

LOCATION AND ACCESS

The property is situated 8.5 kilometres southwest of the city of Nelson in southeastern British Columbia. The claims straddle Fortynine Creek approximately 7 kilometres southeast of its confluence with the West Arm of Kootenay Lake. Their geographic coordinates are 49°26.5'N. latitude by 117°22.5'W. longitude (N.T.S. 82F/6W).

Seasonal access is possible via the paved and gravel road from Granite, a settlement on Highway 3A five kilometres west of



To accompany a report by J.D. Blanchflower.



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PLAYER RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

CLAIM MAP

MAY and JENNIE PROPERTY
NELSON MINING DIVISION, B.C.

DATE:	OCT., 1985	SCALE:	1 : 50,000
DWN. BY:	T.P.Q.	DWG. NO.:	2

TABLE I
Mineral Claim Data

<u>Claim Name</u>	<u>Lot No.</u>	<u>Record No.</u>	<u>Area in Hectares</u>	<u>Record Date</u>	<u>Expiry Date</u>	<u>Registered Owner</u>
<u>Crown Grant</u>						
MAY AND JENNIE	3943	--	--	--	--	Europa Petroleum Ltd.
<u>Reverted Crown Grants</u>						
GOLD NOTE	616	2682	11.66	August 20, 1982	August 20, 1986	Lorne Leighton
GOLDEN GIANT	4655	1420	16.37	January 16, 1980	January 16, 1986	Lorne Leighton
TIP TOP FR.	4656	568	35.43 acres	February 13, 1978	February 13, 1991	Player Resources Inc.
GOLD BELL	4657	1421	19.12	January 16, 1980	January 16, 1986	Lorne Leighton
<u>Located Claims</u>						
<u>Claim Name</u>	<u>Type</u>	<u>Record No.</u>	<u>Unit(s)</u>	<u>Record Date</u>	<u>Expiry Date</u>	<u>Registered Owner</u>
Red Top No. 1	M.G.S.	852	1	November 16, 1978	November 16, 1991	Player Resources Inc.
NEL Fr.	M.G.S.	3836	1 Fr.	August 24, 1984	August 24, 1986	Player Resources Inc.
MAJ 1	M.G.S.	4178	1	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 2	M.G.S.	4179	1	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 3	M.G.S.	4180	1	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 4 Fr.	M.G.S. Fr.	4181	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 5 Fr.	M.G.S. Fr.	4182	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 6 Fr.	M.G.S. Fr.	4183	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 7 Fr.	M.G.S. Fr.	4184	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 8 Fr.	M.G.S. Fr.	4185	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 9 Fr.	M.G.S. Fr.	4186	1 Fr.	July 15, 1985	July 15, 1986	Player Resources Inc.
MAJ 10	M.G.S.	4187	2	July 15, 1985	July 15, 1986	Player Resources Inc.

Nelson, to Blewett; thence west and southeast on the Fortynine Creek gravel road to the property. In total, the claims are situated approximately 16 kilometres by road from Nelson, B.C. A network of old mining roads and trails provides facile access to most of the central claims.

PHYSIOGRAPHY

The property is situated regionally within the Selkirk Mountains, north of the Bonnington Range. Elevations within the claim group range from 3,700 to 5,300 feet A.M.S.L.

The climate is moderate with temperatures ranging between -20°C. and +30°C. Precipitation usually totals 600 mm. annually and snowfalls range between 100 to 250 cm. The exploration season is relatively long from April to November.

The area is well forested with a mature growth of fir, pine, spruce, aspen and alder. Active logging has been carried out southwest of Fortynine Creek and there are plans pending to log in the vicinity of the property.

A paucity of outcrop, extensive overburden and moderate undergrowth inhibit surface geological surveying.

Water Rights

This property is situated within the Blewett Watershed. During all phases of exploration and possible development attention must be given to maintaining water quality within Fortynine Creek and avoid disturbing the surface run-off in the vicinity of the claims.

The Blewett Watershed Committee, chaired by Mr. Wilbur Anderson, was advised of the 1985 exploration work.

HISTORY

Exploration work on the May and Jennie, Red Top, Tip Top, Gold Bell and Golden Giant claims date back to 1900. At that time United Gold Fields of B.C. undertook 430 metres of underground development; in addition to laying 365 metres of pipeline, and providing road and trail access to the workings. By 1904 the owners were planning the erection of a 50-ton mill and cyaniding plant. Underground work on the property consisted of approximately 610 metres of drifting and raises between the No. 1 and No. 2 adits.

The No. 1 adit had intersected the main May and Jennie vein 24.3 metres from the portal, giving a downdip extension of 38 metres between the tunnel and the surface exposure. Approximately 175.3 metres of drifting on this level showed the vein to vary in width from 1.52 to 7.32 metres (B.C.M.M.A.R. 1904, p. H144).

The No. 2 adit intersected the vein 106.7 metres from the portal. Drifting northwestward and southeastward along the structure, 122 and 76.2 metres respectively, disclosed a vein varying from centimetres to approximately 0.66 metre. A 34.15-metre raise was driven between the two levels and a second raise of 29.5 metres joined the No. 1 level with the surface (B.C.M.M.A.R. 1904, p. H144).

Surface trenching on the adjoining Red Top claim discovered two veins with reported widths of 2.74 and 6.1 metres (B.C.M.M.A.R. 1904, p. H144).

In 1904, the Reliance Gold Mining Company of Nelson acquired operation of the property. However, despite optimistic reports the property was never mined (B.C.M.M.A.R. 1905, p. G138).

In 1974, Highland Star Mines Ltd. mapped, surveyed and sampled the known mineralization in the No. 2 adit but their work did not extend beyond the old workings.

After Player Resources Inc. (formerly Player Petroleum Inc.) acquired the original claim holdings from Europa Petroleum Ltd. and Mr. L. Leighton in March 1983 the company rehabilitated the portal of the No. 2 adit. This work was undertaken to provide safe access to the most extensive workings for surveying and sampling purposes.

During 1984 the writer carried out an extensive exploration program on behalf of Player Resources Inc., including: the establishment of a control grid (18.425 line-km.); surface geological mapping at a scale of 1:2,000; underground mapping and sampling of the No. 2 adit (9 samples for Au, Ag, Cu, Pb, Zn); soil and rock geochemical sampling (709 soils and 2 rock samples for Au, Ag, Cu, Pb, Zn); and geophysical surveying (18.425 line-km. of VLF-EM and magnetometer surveying).

The results of the 1984 exploration work were very encouraging. Geophysical and soil geochemical surveying showed that the May and Jennie fault/vein structure continues both southeast and northwest of where it is exposed in the No. 2 adit. Within the underground workings the vein varies in width from 15 cm. to 0.66 metres and is open both along strike and downdip. Chip sampling across the vein at intervals along its exposed strike length returned values of 0.028 oz./ton gold across 0.41 metres to 1.18 oz./ton gold across 0.66 metres. Trenching, mapping and sampling with possible drilling to follow were recommended by the writer to test the economic potential (Blanchflower, 1985).

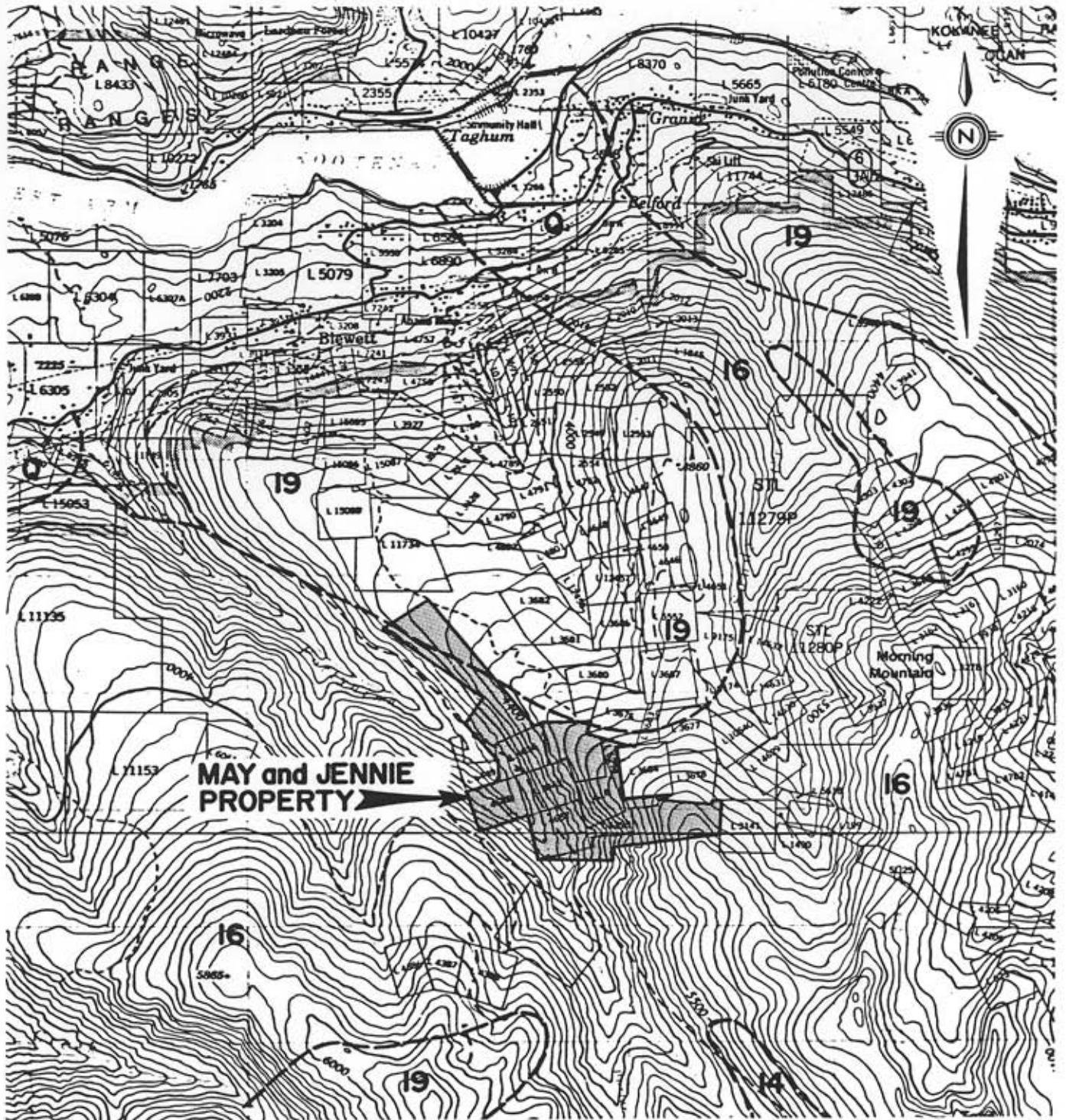
GEOLOGICAL SETTING

Regional Geology

This region is underlain by a conformable sequence of late Paleozoic to Lower Jurassic sedimentary and volcanic rocks intruded by a variety of stocks and apophyses related to the Lower to Upper Cretaceous-age Nelson batholith. Lamprophyre dykes probably related to Nelson Plutonism intrude all rock types.

Argillite, slate, argillaceous quartzite with minor limestone comprise the Ymir Group of Permian to possibly early Lower Jurassic age. These rocks are the oldest strata in the vicinity and can be correlated stratigraphically with the Slocan Group, recognized in the New Denver and Sandon area.

Volcanic and minor intercalated sedimentary rocks of the



AFTER LITTLE, 1960

— LEGEND —

- Q Alluvium
- LOWER TO UPPER CRETACEOUS
- 19 Nelson Plutonic Rocks
- LOWER JURASSIC
- 16 Rosland Formation
- PERMAIN TO LOWER JURASSIC
- 14 Ymir Group

To accompany a report by J.D.Blanchflower.



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PLAYER RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

REGIONAL GEOLOGY

MAY and JENNIE PROPERTY

NELSON MINING DIVISION, B.C.

DATE:	OCT., 1985	SCALE:	1: 50,000
DWN. BY:	T.P.Q.	DWG. NO.:	3

Lower Jurassic Rosslund Formation conformably overlies the Ymir Group. This formation is comprised of andesite, latite, basalt flows and breccias, agglomerate tuffs and minor shales formerly mapped as units of the Elise and Beaver Mountain Formations. The Rosslund Formation has very complex internal and external structure and a heterogeneity of volcanic units indicative of an island-arc (eugeosynclinal) environment.

Both the Ymir Group and Rosslund Formation have undergone complex deformation prior to the emplacement of the Nelson Plutonic rocks. The Nelson batholith and its satellites consist dominantly of porphyritic granite but compositions do vary locally to non-porphyritic granite, granodiorite, quartz diorite and diorite. In the vicinity of the property Little (1960) has identified stocks and apophyses of non-porphyritic granitic, syenitic and pseudodioritic composition.

Dykes of various compositions occur throughout the area, apparently related to the Nelson batholith. Lamprophyre dykes are quite common in tectonically active areas, particularly those mining camps such as Ymir, Silver King and locally in the Fortynine Creek area.

Most government geologists who have mapped the region state that the structural setting is extremely complex and not fully understood. Older strata have undergone faulting, folding and uplift during the intrusion and subsequent exposure of the Nelson batholith. This region has also been subjected to major tectonism during Upper Cretaceous and Tertiary time further complicating any structural interpretation.

Local Geology

The property is underlain dominantly by andesitic flows and flow breccias of the Lower Jurassic Rosslund Formation. Within the No. 1 and 2 adits mapping has identified a finely-laminated pyroclastic unit which appears to be intercalated with the andesitic

flows and breccias. However, due to the paucity of outcrop, this unit's genetic and spatial relationships to the other Rossland Formation volcanic rocks can not be fully tested. All these country rocks have been intruded locally by biotite-rich lamprophyre dykes, dominantly fault controlled and probably related to the Nelson batholith-age plutonism.

Within local outcrops bedding features are very indistinct, often masked by the pronounced schistosity and local fracturing. However, regional bedding measurements of the volcanic flows show the stratigraphy strikes 140° - 160° and dips -35° eastward. Measurements by Little (1960) on the southwest side of Fortynine Creek show similar strikes but the units dip -60° westward suggesting that an axis of faulting and, possibly, folding parallels the Fortynine Creek valley.

Within the No. 2 adit a major normal fault strikes 150° to 160° and dips steeply eastward and westward. There are numerous other minor shear zones juxtaposed to this larger structure and, at least, one orthogonal fracture set which dips 30° to 50° southeasterly, displacing the main quartz-pyrite vein.

Schistosity measurements from surface outcrops closely reflect the major faulting observed underground. Given the similar attitudes in regional bedding, and local schistosity and faulting, it appears that the main May and Jennie fault structure which hosts the known vein mineralization parallels, or at least subparallels, the trend of the stratigraphy and is thus both oriented parallel to the inferred Fortynine Creek antiform and in part lithologically controlled.

All volcanic units of the Rossland Formation have undergone regional metamorphism of lower- to possibly mid-greenschist facies. Besides the alteration products commonly associated with saussurization (i.e. altered plagioclase), the mafic minerals, such as augite and hornblende, have been replaced by epidote, chlorite, calcite and albite, with minor secondary magnetite. The lamprophyre dykes appear quite fresh, only minor chloritization, suggesting post-metamorphic emplacement.

All past exploration has concentrated on the main May and Jennie vein. This vein is only exposed now in the No. 2 adit. It strikes 150° to 160° and dips -80° eastward. Vein widths vary from 10 or 15 cm. to 0.66 metre with a quartz and pyrite-rich envelope extending beyond into the footwall section. In the accessible portions of the No. 2 adit the vein structure has an exposed strike length of 58 metres, of which more than 35 metres has a vein width exceeding 0.3 metre. Two crosscuts off the southeastern drift have intersected a similar subparallel vein structure with an indicated strike length of 30 metres and widths from 15 to 30 cm.

Both vein structures and a subparallel lamprophyre dyke infill the May and Jennie en echelon fault zone with similar attitudes. It would appear that the fault structure has been re-activated during several periods of deformation: firstly, providing the conduit for ascending hydrothermal fluids and the site for the quartz-sulphide vein; secondly, splitting the original vein structure into at least two lateral sections and controlling the emplacement of the lamprophyre dyke(s); and lastly, young normal and/or strike-slip movement displacing both vein structures and the intrusions.

The mineralogy of the main vein appears to be relatively simple. In areas with narrower vein widths quartz and minor calcite with abundant fine to medium-grained pyrite infill the vein structure. Where the structure swells massive pyrite and possibly pyrrhotite occur with little or only minor quartz gangue. No visible gold was seen during the 1984 geological survey suggesting that the gold values occur as either auriferous pyrite and/or microscopic native gold intimately associated with the pyrite. No other sulphide minerals were evident within the pyritic lenses although geochemical results suggest very minor copper, lead and zinc mineralization. One sample, 84-1-1, returned values of 392 p.p.m. lead and 5.1 p.p.m. silver indicating minor argentiferous galena may be present locally within the quartz-pyrite vein.

1985 EXPLORATION PROGRAM

The exploration work included: photogrammetric topographic mapping, road construction, backhoe trenching, geological mapping, and rock geochemical sampling and analysis. The field work was undertaken between May 15th and September 15th. This report was prepared between September 16th and October 11, 1985.

The photogrammetric topographic mapping was contracted by J.D. Shortreid and Associates of Langley, B.C. Minorex Consulting Ltd. employed Messrs. K. Kaye and T. Robinson to supervise the road building and trenching. Their field work also included: surveying the established grid to designated photogrammetric points; cutting, limbing and bucking the timber along the road easement and assisting the writer with rock geochemical sampling. The writer managed the program during all phases of the exploration work; mapped, surveyed and sampled the exposed May and Jennie fault/vein structure; and prepared this report documenting all results. The Statement of Qualifications for the writer accompanies this report.

Photogrammetric Topographic Mapping

On July 9th the writer, on behalf of the company, contracted J.D. Shortreid and Associates of Langley, B.C. to prepare a 1:2,500-scale inked machine manuscript map of the property. This map was prepared with 5-metre contours from existing 1983 1:15,000-scale B.C. Government aerial photographs. Photographic and topographic controls were established by aerial triangulation techniques in conjunction with existing 1983 1:54,000-scale B.C. Government aerial photographs and N.T.S. map points from available topographic sheet 82F/6.

The final topographic map was produced with an internal U.T.M. rectangular grid and geographic border. The planimetric details and contours were plotted on the reverse side of the mylar manuscript for later drafting purposes. Photographically-identified control points were also plotted to allow compilation of the existing grid data with the topographic control.

See Figure 4 accompanying this report for the topographic mapping of the property.

Road Construction and Trenching

Acting upon the recommendations in the 1985 report by J.D. Blanchflower, the company contracted Minorex Consulting Ltd. to supervise the construction of a road along the indicated strike length of the May and Jennie fault/vein structure. This road was constructed to provide crawler backhoe access to the vein structure and thus enable trenching across the structure for rock geochemical sampling. The road was also intended to provide access during any future drilling program.

After the necessary governmental permits had been secured the writer contracted Mr. John Command of Salmo, B.C. to construct the road using his D-7E crawler bulldozer. Messrs. K. Kaye and T. Robinson assisted him by logging the proposed road easement so that the non-recoverable timber could be fallen, bucked, limbed and buried by road fill; as per the B.C. Ministry of Forests' recommendations.

The access road was constructed northwestward along the geophysical and geochemical trace of the fault/vein structure while attempting to keep the indicative hematite-rich zone on the uphill, inside shoulder of the roadbed. The road easement logging and construction commenced on June 24th but had to be suspended on July 15th due to the extreme forest fire hazard and a B.C. Forestry-imposed forest closure.

Road construction resumed on August 19th and by the 27th the access road had been completed and inspected by B.C. Ministry of Forests. This second phase of road building was carried out with a D-4 crawler bulldozer owned by Mr. Clarence Barabonoff of Nelson, B.C.

On August 27th a crawler backhoe, owned by Mr. Al Gerun of Nelson, was mobilized to the property. The backhoe completed

thirteen trenches at various sites along the access road by August 28th. See Figure 5 for the location of the access road and trenching.

Rock Geochemical Sampling

At several times during the road construction and trenching the writer surveyed and mapped at a scale of 1:500 while sampling the exposed bedrock. Between the period of June 24th to September 15th sixty-two rock geochemical samples were collected from various sample locations. These samples were placed in labelled plastic bags, described in detail, and delivered for analysis to Kamloops Research and Assay Laboratory Ltd. in Kamloops, B.C. All rock geochemical samples were analysed for gold (p.p.b.) and silver (p.p.m.) under the supervision of professional assayers. After the initial geochemical results were received, all samples returning values of greater than 1,000 p.p.b. gold were fire assayed for gold (oz./ton or o.p.t.) at the same assay facility.

All analytical and assay results have been appended as Appendices I and II, respectively. Laboratory procedures for the geochemical analyses are contained in Appendix III. All sample locations and analytical/assay results have been plotted on Figure 5. Sample descriptions and analytical/assay summaries accompany this report as Appendix IV.

RESULTS OF THE 1985 EXPLORATION PROGRAM

The results are very encouraging and further detailed exploration, specifically diamond drilling, is certainly warranted.

Rock Geochemical Sampling

The analytical and/or assay results from the sampling program returned anomalously high to economic gold values from most of the known May and Jennie vein structure. Fifty-five of the sixty

rock geochemical samples were collected as grab or chip samples from the hanging wall, foot wall or vein sections of the structure. These samples tested 345 metres of the exposed vein strike length, from 100+00N. by 100+00E. to 103+45N. by 100+13E. Four more samples tested hematitic zones discovered in bedrock at the northern end of the access road, on the Red Top No. 1 and NEL Fraction claims. One rock sample was collected from Trench 12 near the southeastern end of the road and two samples were collected from the dump material at the site of the old mill near Fortynine Creek.

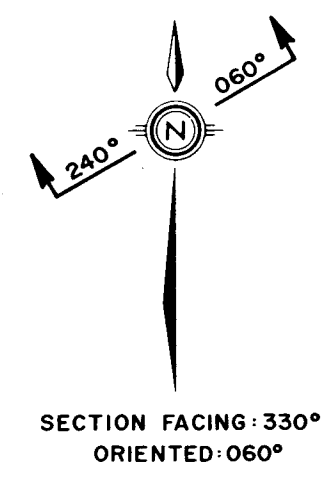
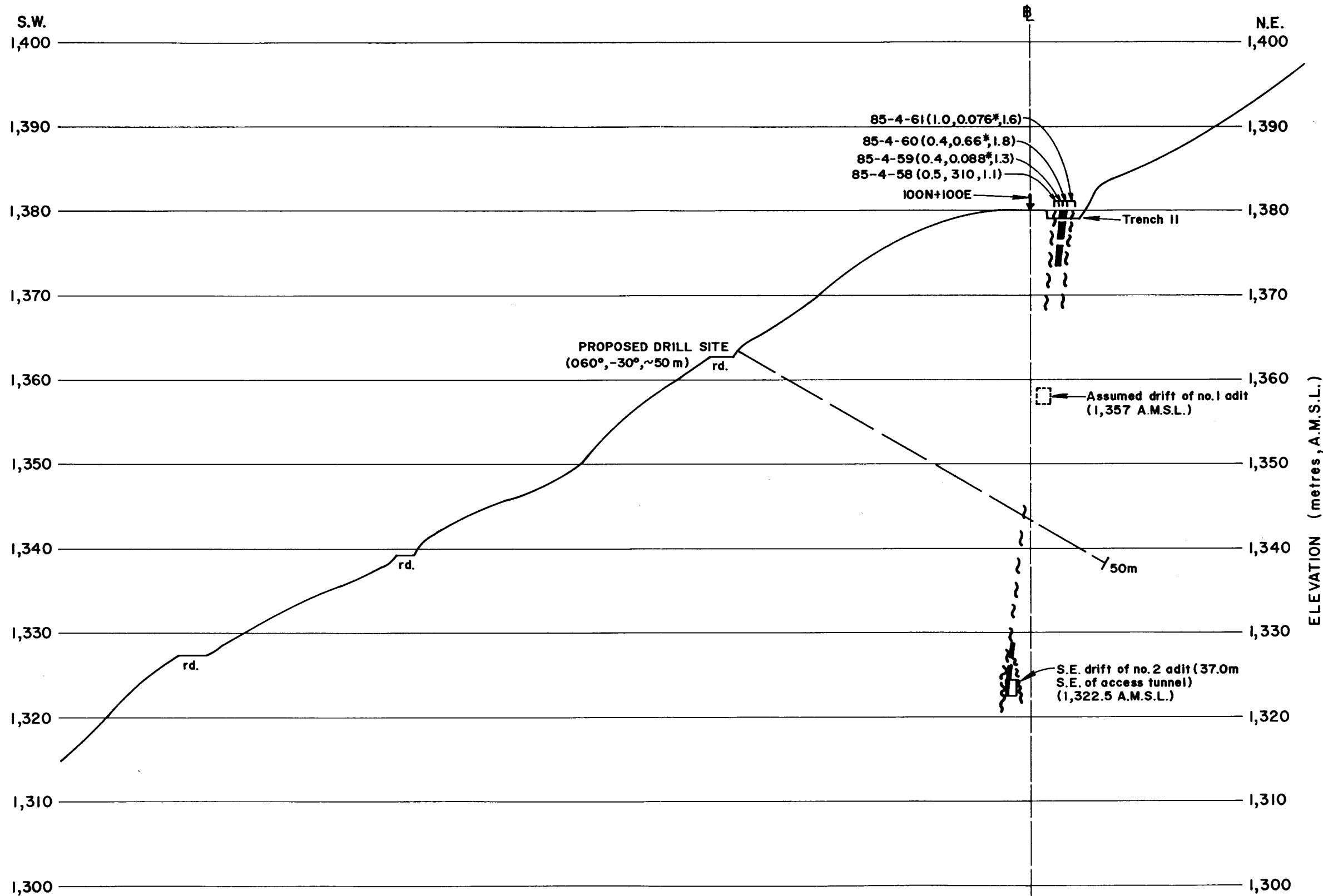
Assay results of the May and Jennie vein material ranged up to: 1.07 o.p.t. gold and 2.1 p.p.m. silver across 0.30 metres (85-4-19), 0.80 o.p.t. gold and 2.8 p.p.m. silver across 0.30 metres (85-4-45), and 0.317 o.p.t. gold and 2.0 p.p.m. silver across 1.5 metres (85-4-42). Geological mapping shows that the vein may vary from 3 centimeters to over 2 metres, commonly averaging 0.60 to 0.80 metre. Often the sheared and siliceous wallrock hosts precious metal mineralization ranging from 0.03 to 0.09 o.p.t. gold across 1 metre (see Figures 5 to 11).

The highest and most interesting assay results were returned from vein samples collected between 100+00N. by 100+05E. and 101+90N. by 100+10E. Given the surveyed positions of the No. 1 adit and its raise south of 100+00N. by 100+00E., it appears that there is over 200 metres of vein strike length which is well mineralized.

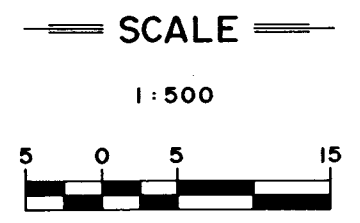
It is interesting to note that both strike directions are open and untested. Southeast of grid coordinate 100N. by 100E. geological and geophysical results from earlier work suggest that the vein structure strikes southward, just west of the access road. Northwest of Trench No. 1 the May and Jennie fault continues into a poorly exposed area of the property.

EXPLORATION POTENTIAL

Results of the exploration work have discovered that the May and Jennie vein hosts gold values, ranging from 0.03 to over 1.0 o.p.t., for at least 200 metres of its currently-tested 345-



GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,429



LEGEND

- NELSON PLUTONIC ROCKS**
- 4 Lamprophyre dyke
 - 3 Granite, granodiorite, syenite
- ROSSLAND FORMATION**
- 2 Fine-grained pyroclastic unit
 - 1 Andesitic flows and flow breccias

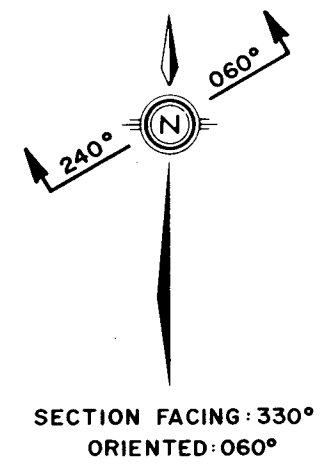
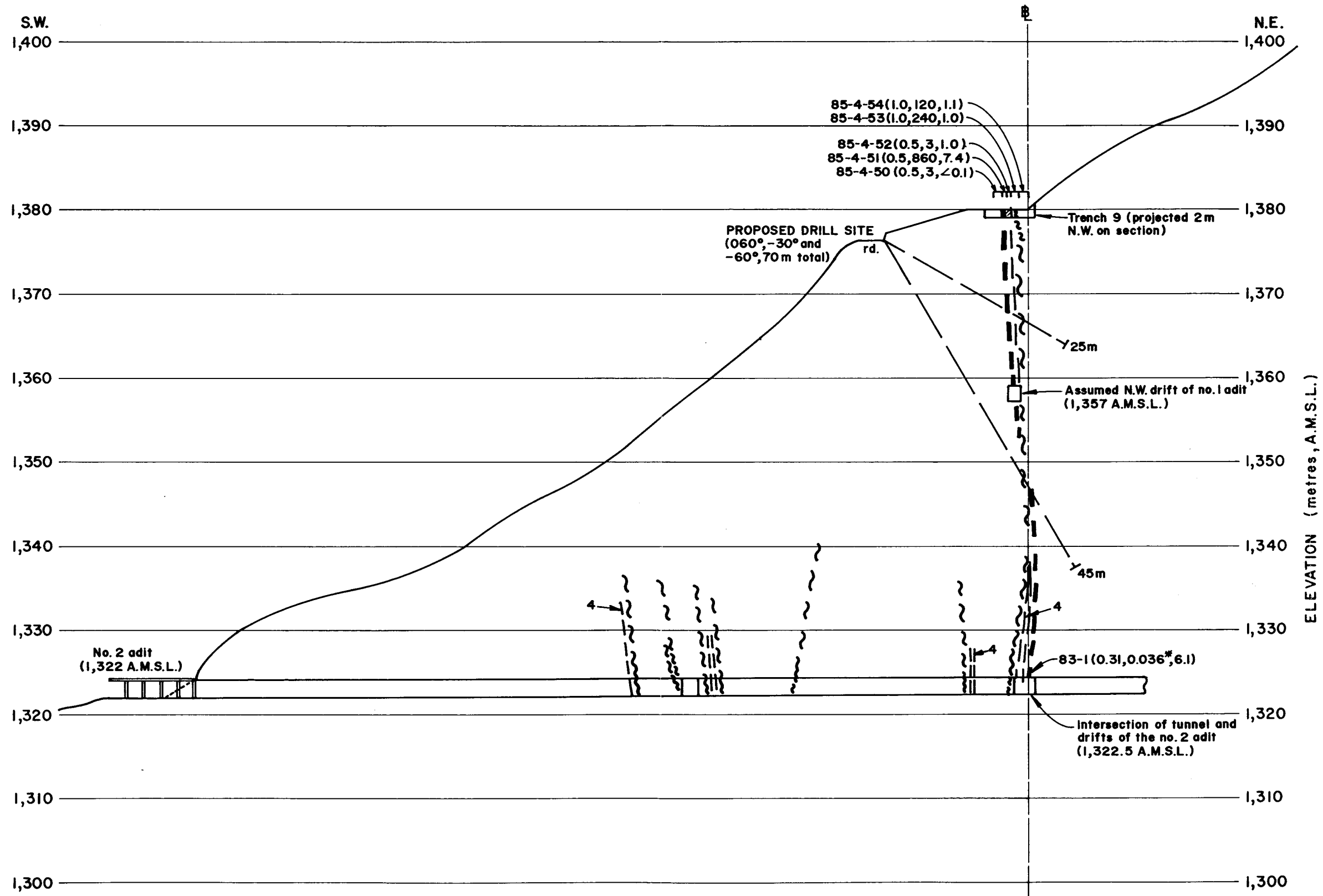
SYMBOLS

- Geological contact (defined, inferred)
- Fault or shear zone (defined, inferred)
- Quartz-pyrite (±gold) veining.
- Chip sample - width (m.), gold (p.p.m. or oz./T*), silver (p.p.m.)

J.D. Blanchflower

To accompany a report by J.D. Blanchflower.

MINOREX CONSULTING LTD. GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.	
PLAYER RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
CROSS-SECTION 100+00 North MAY and JENNIE PROPERTY NELSON MINING DIVISION, B.C.	
Tech. Work by: J.D.B.	Scale: 1:500
Drawn by: T.P.Q.	
Date: Oct., 1985	Figure No.: 6



LEGEND

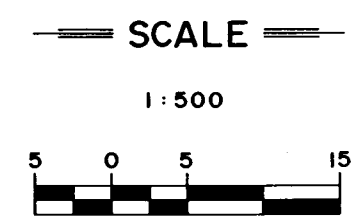
- NELSON PLUTONIC ROCKS**
- ④ Lamprophyre dyke
 - ③ Granite, granodiorite, syenite
- ROSSLAND FORMATION**
- ② Fine-grained pyroclastic unit
 - ① Andesitic flows and flow breccias

SYMBOLS

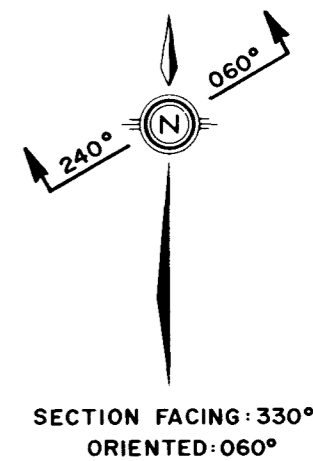
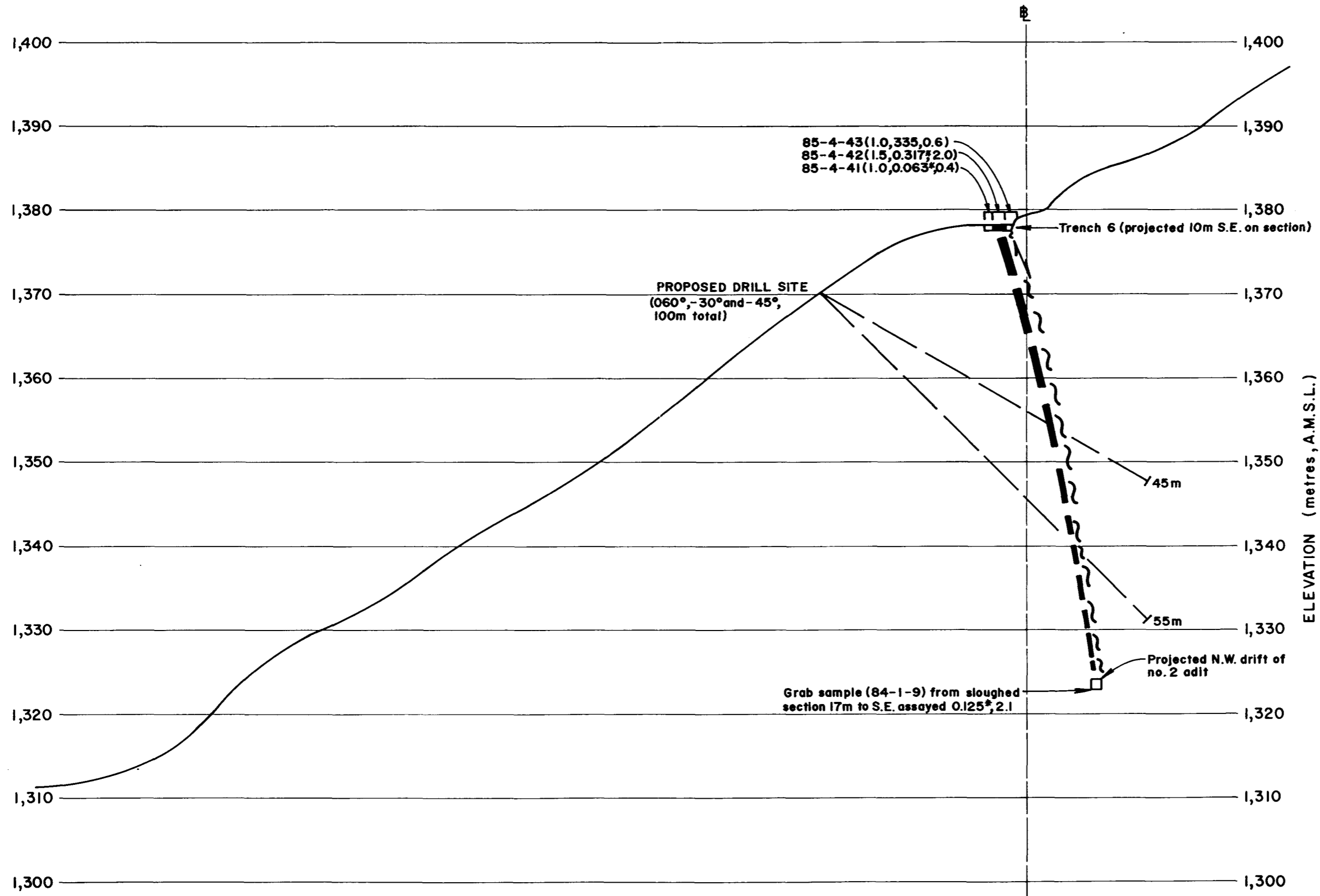
- Geological contact (defined, inferred)
- Fault or shear zone (defined, inferred)
- Quartz-pyrite (± gold) veining.
- Chip sample - width (m.), gold (p.p.m. or oz./T*), silver (p.p.m.)

J.D. Blanchflower

To accompany a report by J.D. Blanchflower.

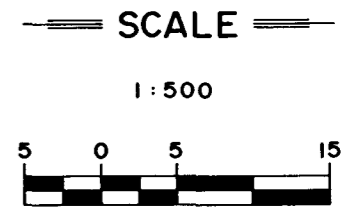


MINOREX CONSULTING LTD. GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.	
PLAYER RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
CROSS-SECTION 100+37 North MAY and JENNIE PROPERTY NELSON MINING DIVISION, B.C.	
Tech. Work by: J.D.B.	Scale: 1:500
Drawn by: T.P.Q.	
Date: Oct., 1985	Figure No.: 7



SECTION FACING: 330°
ORIENTED: 060°

ELEVATION (metres, A.M.S.L.)



LEGEND

- NELSON PLUTONIC ROCKS**
- 4 Lamprophyre dyke
 - 3 Granite, granodiorite, syenite
- ROSSLAND FORMATION**
- 2 Fine-grained pyroclastic unit
 - 1 Andesitic flows and flow breccias

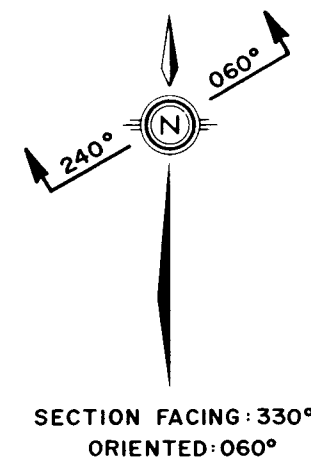
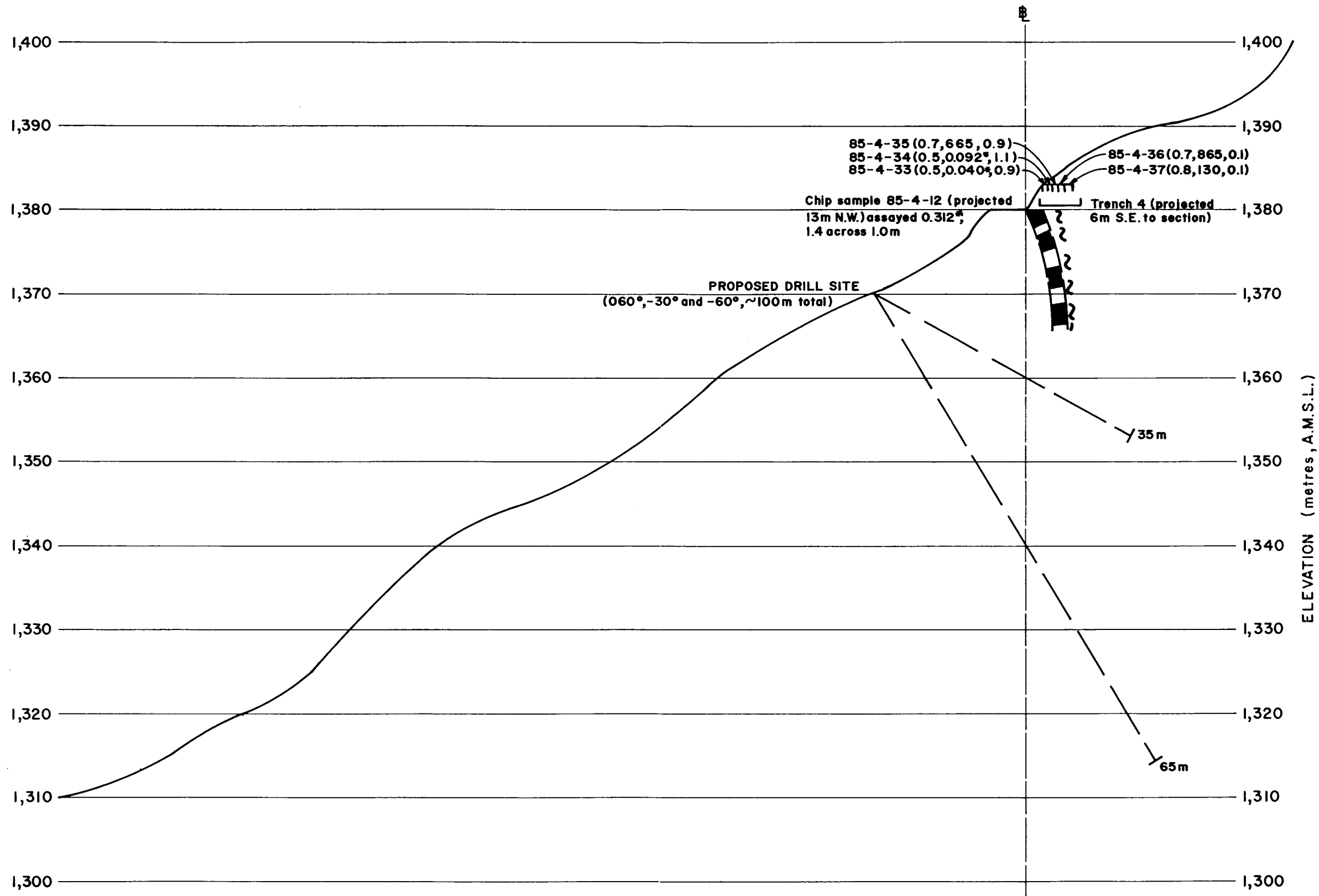
SYMBOLS

- Geological contact (defined, inferred)
- Fault or shear zone (defined, inferred)
- Quartz-pyrite (± gold) veining.
- Chip sample - width (m.), gold (p.p.m. or oz./T*), silver (p.p.m.)

J.D. Blanchflower

To accompany a report by J.D. Blanchflower.

MINOREX CONSULTING LTD. GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.	
PLAYER RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
CROSS-SECTION 101+00 North MAY and JENNIE PROPERTY NELSON MINING DIVISION, B.C.	
Tech. Work by: J.D.B.	Scale: 1:500
Drawn by: T.P.Q.	
Date: Oct., 1985	Figure No.: 8



ELEVATION (metres, A.M.S.L.)

== LEGEND ==

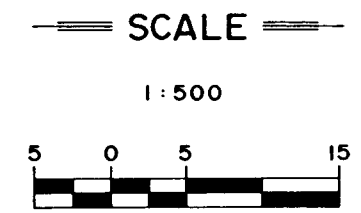
- NELSON PLUTONIC ROCKS**
- 4 Lamprophyre dyke
 - 3 Granite, granodiorite, syenite
- ROSSLAND FORMATION**
- 2 Fine-grained pyroclastic unit
 - 1 Andesitic flows and flow breccias

== SYMBOLS ==

- Geological contact (defined, inferred)
- Fault or shear zone (defined, inferred)
- Quartz-pyrite (±gold) veining.
- Chip sample - width (m.), gold (p.p.m. or oz./T*), silver (p.p.m.)

J.D. Blanchflower

To accompany a report by J.D. Blanchflower.



MINOREX CONSULTING LTD. GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.	
PLAYER RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
CROSS-SECTION 101+50 North MAY and JENNIE PROPERTY NELSON MINING DIVISION, B.C.	
Tech. Work by: J.D.B.	Scale: 1 : 500
Drawn by: T.P.Q.	
Date: Oct., 1985	Figure No.: 9

metre strike length. Vein widths vary from a few centimetres to over 2 metres, averaging 0.6 to 0.8 metre. Within the No. 2 adit this same structure is exposed 56 metres beneath the surface, and it is open and untested in both strike directions and downdip. This is an excellent exploration target with good tonnage potential.

Aside from the main May and Jennie vein, rock geochemical sampling on the Red Top No. 1 and NEL Fraction claims discovered highly anomalous gold values (170 to 455 p.p.b. gold) within two hematitic shear zones. These results, although overshadowed by the May and Jennie vein results, are very interesting and definitely warrant further evaluation.

CONCLUSIONS

The recent trenching and sampling results continue to confirm the excellent exploration potential of this property. Very high gold values are hosted by the May and Jennie fault/vein structure for at least 200 metres along strike and 56 metres downdip. This structure has only been tested on surface for 345 metres and it remains open in three directions.

Rock geochemical sampling of an entirely different shear structure on the Red Top No. 1 and NEL Fraction claims discovered highly anomalous gold values over a strike length of 75 metres, a very interesting exploration target itself.

Further exploration is definitely warranted; firstly, to evaluate the economic potential of the May and Jennie vein and secondly, to explore the other exploration targets.

RECOMMENDATIONS

Based on the above results the following program is recommended for further exploration of this property.

- 1) The highly mineralized, 200-metre section of the May and Jennie vein should be diamond drilled initially at 25-metre intervals. The writer has prepared cross-sections of the vein structure from 100+00N. to 100+50N. to show the projected drill targets for some of the proposed drilling (see Figures 7 to 10). Proposed drill sites, with recommended drilling attitudes and depths, are shown on Figures 6 to 10. Such a preliminary program should total approximately 500 metres of NQ and/or BQ drilling.
- 2) While the drilling is being conducted the gold-bearing hematitic zones on the NEL Fraction claim should be trenched along strike, mapped, surveyed and sampled.
- 3) Pending the results of the above work, further diamond drilling might be required to fully evaluate this property.

COST ESTIMATES

Diamond Drilling -

500 metres of NQ and BQ drilling at an "all total" cost of \$120./metre (including drilling, site preparation, logging, sampling and assaying).	\$60,000.
Trenching (NEL Fraction claim and south of grid coordinate 100N. by 100E.)	<u>10,000.</u>
Total Estimated Cost of Preliminary Drilling and Trenching	<u>\$70,000.</u>

Submitted by,

MINOREX CONSULTING LTD.



J.D. Blanchflower, F.G.A.C.
Consulting Geologist

October 11, 1985
Kamloops, B.C.

STATEMENT OF COSTS

RE: Preparation of a 1:2,500-scale topographic map of the property (contracted by J.D. Shortreid and Associates, Langley, B.C.)

Logging, limbing and bucking of non-recoverable timber along the access road easement.

Construction of a 1-kilometre access road along the May and Jennie vein structure and over exploration targets on the Red Top No. 1 and NEL Fraction claims.

Excavation of 13 trenches, totalling 60.5 metres.

Reclamation work along the access road, except seeding which will follow any drilling program.

Surveying, geological mapping and collection of sixty-two rock geochemical samples.

Analyzing sixty-two rock samples for gold (p.p.b.) and silver (p.p.m.) and fire assaying twenty-four of the same samples for gold (o.p.t.).

Collation, plotting, drafting, interpretation and documentation of all data from the 1985 exploration program.

1) Field Costs for the Period May 15th to September 15th

a) Personnel

J.D. Blanchflower - geologist

May 15 to Sept. 15 - 14 days @ \$300./day \$ 4,200.00

K. Kaye - geological assistant

June 24 to July 14 - 17 days @ \$187./day 3,179.00

Aug. 19 to 29 - 11 days @ \$187./day 2,057.00

T. Robinson - geological assistant

June 11 to 13 - 3 days @ \$150./day 450.00

June 24 to July 15 - 18 days @ \$150./day 2,700.00

Aug. 19 to 28 - 10 days @ \$150./day 1,500.00

Sept. 14 to 15 - 2 days @ \$150./day 300.00

\$14,386.00 \$14,386.00

b) Vehicle Expenses

'83 Ford P/U 4x4 (Minorex

11 days @ \$35./day plus \$ 385.00

3,367 km. @ \$.35/km. 1,178.45

'73 Dodge P/U 4x4 (K. Kaye)
28 days @ \$35./day plus 980.00
3,368 km. @ \$.35/km. 1,178.80

Motorcycle rental (used along upper road)
11 days @ \$20./day 220.00
\$3,942.25 3,942.25

c) Lodging

June 11 to 13 - 4 man days @ \$17.12/day \$ 68.48
June 24 to July 15 -
41 man days @ \$15.54/day 637.14
Aug. 19 to 29 - 21 man days @ \$19.36/day 406.56
Sept. 14 to 15 - 2 man days @ \$17.12/day 34.24
\$1,146.42 1,146.42

d) Board

June 11 to 13 - 6 man days @ \$19.49/day \$ 116.94
June 24 to July 15 -
41 man days @ \$15.37/day 630.17
Aug. 19 to 29 - 21 man days @ \$18.20/day 382.20
Sept. 14 to 15 - 4 man days @ \$17.88/day 71.52
\$1,200.83 1,200.83

e) Field Supplies

65 plastic sample bags @ \$.25/bag \$ 16.25
2 rolls of topo thread @ \$4.00/roll 8.00
6 rolls of flagging @ \$1.25/roll 7.50
Chain saw gas and oil 171.94
Drafting paper, pencils, felt pens 10.00
\$213.69 213.69

f) Road Construction and Trenching

i) D-7E bulldozer (J. Command, Salmo, B.C.)
July 3 to 7 - 30 hrs. @ \$80./hr. \$2,535.00
plus mob & demob

ii) D-4 bulldozer (Birchwood Ind. Co. Ltd., Nelson, B.C.)
Aug. 24 to 27 - 30 hrs. @ \$60./hr. 1,974.00
plus mob & demob

iii) John Deere crawler backhoe (A. Gerun, Nelson, B.C.)
Aug. 27 - 8 hrs. @ \$50./hr. 488.25
plus mob & demob
\$4,997.25 4,997.25

g) Equipment Rental

Chainsaw rental - 20 days @ \$10./day \$200.00
Survey and logging equipment - 100.00
10 days @ \$10./day \$300.00 300.00

h)	<u>Assaying and Analyses</u> (Kamloops Research & Assay Laboratory Ltd., Kamloops, B.C.)		
	July 11 - 4 rx samples for Au, Ag plus prep.	\$ 41.60	
	July 18 - 22 rx samples for Au, Ag; 6 fire assays for Au; plus sample prep.	273.80	
	Sept. 18 - 36 rx samples for Au, Ag plus prep.	374.40	
	Sept. 19 - 18 fire assays for Au	135.00	
	Sample shipping (Nelson to Kamloops)	<u>12.00</u>	
		\$836.80	836.80

i)	<u>Miscellaneous Expenses</u>		
	Claim map photocopying	\$3.00	
	Topographic map (1:50,000)	<u>3.50</u>	
		\$6.50	6.50

Total Field Expenses \$27,029.74

2)	Office Costs for the Period May 15th to October 11th		
	<u>Photogrammetric Topographic Mapping</u>		
	Contracted by J.D. Shortreid and Associates, Langley, B.C.		
	Contract price for preparation of a 1:2,500 topographic map of the property		\$ 1,400.00

a)	<u>Report and Map Preparation</u>		
	Report Writing and Map Preparation J.D. Blanchflower - Geologist		
	Sept. 16 to Oct. 11 - report and map preparation 12 days @ \$300./day	\$3,600.00	
	Map and Plan Drafting (T.P. Quinn) 60 hrs. @ \$15./hr.	\$ 900.00	
	Typing (J & L Enterprises) 13 hrs. @ \$18./hr.	234.00	
	Report and Map Reproduction	358.17	
	Report and map reproduction, Topo enlargements, drafting materials, and printing	<u>\$5,092.17</u>	5,092.17

b) Office Expenses

Telephone charges (on client's behalf)	\$157.45	
Courier charges	<u>16.00</u>	
	173.45	<u>173.45</u>
Total Office Expenses		<u>\$6,665.62</u>
Total Cost of the 1985 Exploration Program		<u>\$33,695.36</u>

Submitted by,

MINOREX CONSULTING LTD.



J.D. Blanchflower, F.G.A.C.
Consulting Geologist

October 11, 1985
Kamloops, B.C.

STATEMENT OF QUALIFICATIONS

I, J. DOUGLAS BLANCHFLOWER, of the City of Kamloops, Province of British Columbia, DO HEREBY CERTIFY THAT:

- 1) I am a Consulting Geologist with business office at 2391 Bossert Avenue, Kamloops, British Columbia, V2B 4V6; and President of Minorex Consulting Ltd.
- 2) I am a graduate in geology with a Bachelor of Science, Honours Geology degree from the University of British Columbia in 1971.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) I have practised my profession as a geologist for the past fourteen years.

Pre-Graduate experience in Geology - Geochemistry - Geophysics in British Columbia, Yukon and Northwest Territories (1966 to 1970).

Three years as Geologist with the B.C. Ministry of Energy, Mines and Petroleum Resources (1970 to 1972).

Seven years as Exploration Geologist with Canadian Superior Exploration Limited (1972 to 1980).

Three years as Exploration Geologist with Sulpetro Minerals Limited (1980 to 1982).

Three years as Consulting Geologist with Minorex Consulting Ltd.

Active exploration and development experience in Western North America.

- 5) I supervised the topographic mapping, trenching and geochemical surveying carried out on the MAY and JENNIE property between May 15th and September 15th, 1985 and wrote this report documenting all the results.
- 6) I own no direct, indirect or contingent interest in any of the subject property, but I do own common shares of Player Resources Inc.



J.D. Blanchflower, F.G.A.C.

Dated at Kamloops, British Columbia, this 11th day of October, 1985.

BIBLIOGRAPHY

- Blanchflower, J.D., 1985: Geological, Geochemical and Geophysical Report on the May and Jennie Property, Nelson M.D., B.C.; assessment report for Player Resources Inc.
- Blanchflower, J.D., 1983: Report on the May and Jennie (L. 3943) Crown Grant; Gold Note (L. 616), Golden Giant (L. 4655), Tip Top Fr. (L. 4656) and Gold Bell (L. 4657) Reverted Crown Grants; and Red Top No. 1 Mineral Claim, Nelson Mining Division, British Columbia; private company report to Player Petroleum Inc.
- Gerun, A.M., 1974: Various maps and plans of the May and Jennie Property by Highland Star Mines Ltd.
- Kelly, A.H., 1903: Report on the May and Jennie Property; private company report for the Reliance Gold Mining Co.
- Little, H.W., 1960: Nelson Map-Area, West Half, British Columbia; Geol. Surv. Can. Memoir 308, p. 156, 157, 172.
- B.C. Minister of Mines
Annual Reports :
- 1900, p. 845
1901, p. 1033
1904, p. H144
1905, p. G26, G138
1907, p. H148, H248
1919, p. K172
1940, p. A66

APPENDIX I

Kamloops Research and Assay Laboratory Ltd.
Geochemical Lab Reports

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD.

B. C. CERTIFIED ASSAYERS

912 LAVAL CRESCENT
PHONE 372-2784 - TELEX 048-8320

GEOCHEMICAL LAB REPORT

MINOR4EX CONSULTING LTD
2391 BOSSERT AVE
KAMLOOPS B C
V2B 4V6

DATE SEPT 10 1985

FILE NO. G 1369

PAGE 1 / 2

KRAL NO.	IDENTIFICATION	AU	AG
1	84-4-27	420.0	0.1
2	28	1030.0	1.3
3	29	3050.0	2.2
4	84-4-30	1460.0	0.4
5	31	990.0	0.7
6	32	380.0	0.0
7	33	1330.0	0.9
8	34	3460.0	1.1
9	35	665.0	0.9
10	36	865.0	0.1
11	37	130.0	0.1
12	38	130.0	0.0
13	39	4000.0	2.5
14	84-4-40	25.0	0.1
15	41	2025.0	0.4
16	84-4-42	4000.0	2.0
17	43	335.0	0.6
18	44	290.0	0.3
19	45	4000.0	2.8
20	46	570.0	0.3
21	47	130.0	0.2
22	48	4000.0	1.2
23	49	650.0	0.7
24	84-4-50	3.0	0.0
25	51	860.0	7.4
26	52	3.0	1.0
27	53	240.0	1.0
28	54	120.0	1.1
29	55	3.0	0.0
30	56	4000.0	1.2

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G 1369

PAGE 2 / 2

KRAL NO.	IDENTIFICATION	AU	AG
31	57	325.0	0.2
32	58	310.0	1.1
33	59	3125.0	1.3
34	84-4-60	4000.0	1.8
35	61	2510.0	1.6
36	84-4-62	455.0	0.1

IN AU COLUMN 3 INDICATES <5 PPM 4000 INDICATES >4000 PPM

IN AG COLUMN 0.0 INDICATES <0.1 PPM

SAMPLE PREPARATION CRUSH GRIND TO -100 MESH

AU METHOD FIRE ASSAY ATOMIC ABSORPTION

AG METHOD HOT ACID EXTRACTION ATOMIC ABSORPTION

APPENDIX II

Kamloops Research and Assay Laboratory Ltd.
Certificate of Assay



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.

V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Minorex Consulting Ltd.
2391 Bossert Ave.,
Kamloops, B.C. V2B 4V6

Certificate No. K 7048 - revised
Date September 19, 1985

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

<i>Kral No.</i>	<i>Marked</i>	<i>Au</i>								
		<i>ozs/ton</i>								
1	85-4-07	.120								
2	85-4-08	.345								
3	85-4-12	.312								
4	85-4-14	.332								
5	85-4-19	1.07								
6	85-4-20	.205								

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Donk A. Blundell

Registered Assayer, Province of British Columbia



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Minorex Consulting Ltd.

2391 Bossert Ave.,

Kamloops, B.C. V2B 4V6

Certificate No. K 7161

Date September 19, 1985

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au								
		ozs/ton								
1	85-4-09	.070								
2	85-4-15	.121								
3	85-4-16	.045								
4	85-4-22	.050								
5	85-4-28	.030								
6	85-4-29	.085								
7	85-4-30	.046								
8	85-4-33	.040								
9	85-4-34	.092								
10	85-4-39	.198								
11	85-4-41	.063								
12	85-4-42	.317								
13	85-4-45	.80								
14	85-4-48	.208								
15	85-4-56	.132								
16	85-4-59	.088								
17	85-4-60	.66								
18	85-4-61	.076								

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

David A. Stumvoll

Registered Assayer, Province of British Columbia

APPENDIX III

Analytical Procedures
for
Rock Geochemical Analyses

GEOCHEMICAL ANALYSIS

Gold Method

- a) The samples are dried in a geochemical drying oven and then crushed to pass through a stainless steel 100 mesh sieve. The minus 100 fraction is reserved for analysis and the plus 100 mesh fraction is stored.
- b) 29.17 grams of sample are weighed, silver added, along with fluxes and the sample is started as a fire assay. After cupellation the bead is dissolved and the samples are then mixed to insure homogeneity and are read, upon settling, on a Varian Techtron AA 5 or 475 atomic absorption spectrophotometer using an air-acetylene flame.
- c) All additions of liquid reagents are from Oxford Model S-A pipettors.

GEOCHEMICAL ANALYSIS

Silver

- a) The samples are dried in a geochemical drying oven and then crushed to pass through a stainless steel 100 mesh sieve. The minus 100 fraction is reserved for analysis and the plus 100 mesh fraction is stored.
- b) The samples are then weighed into test tubes, nitric acid is added, and they are placed in a hot water bath for thirty minutes. Hydrochloric acid is then added and the samples are digested for a further 90 minutes in the water bath. The samples are then diluted with deionized water.
- c) The samples are then mixed to insure homogeneity and are read, upon settling, on a Varian Techtron AA 5 or 475 atomic absorption spectrophotometer. An air-acetylene flame is used for the analysis of silver.
- d) All additions of reagents are from Oxford Model S-A pipettors.
- e) Standards and re-assay checks are carried along with each run of 35 samples.

APPENDIX IV

Sample Descriptions
and
Analytical/Assay Summaries

APPENDIX IV

Sample Descriptions and Analytical/Assay Summaries

<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> (p.p.b.)	<u>Ag</u> (p.p.m.)	<u>Au</u> oz./ton	
85-4-1	10424	9570	4,000	0.4		Grab sample of pyritic quartz vein material from dump at mill site.
85-4-2	10424	9570	2,800	1.8		Same as 85-4-1.
85-4-3	10436	10108	170	1.8		Grab sample of hematitic fault gouge from road bed.
85-4-4	10377	10150	455	0.5		Same as 85-4-3.
85-4-5	10035	9994	25	0.5		Chip sample across 0.30 m. of Qz (Li) vein. Py casts.
85-4-6	10048	9996	420	0.3		Chip sample across 0.3 m. of Qz (Li) vein. Py casts.
85-4-7	10038	9996	3,900	2.5	0.120	Chip sample across 0.15 m. Qz (Li) vein.
85-4-8	10060	10006	64,000	2.2	0.345	Chip sample across 0.30 of Qz, He shear zone in andesite with Qz infilling.
85-4-9	10093	9995	1,250	1.0	0.070	Grab sample of 0.3 m. Qz (He) infilled shear zone.
85-4-10	10110	9997	385	0.5		Grab sample of sheared andesite with He alteration.
85-4-11	10117	9996	260	0.5		Grab sample of sheared andesite with He alteration.
85-4-12	10137	9997	64,000	1.4	0.312	Chip sample across 0.35 m. of Qz, Py (He) vein (354°/-70°E.).
85-4-13	10166	10004	755	0.7		Chip sample across 1.0 m. of Qz, Py (He) vein.

APPENDIX IV

Sample Descriptions and Analytical/Assay Summaries

<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> <u>(p.p.b.)</u>	<u>Ag</u> <u>(p.p.m.)</u>	<u>Au</u> <u>oz./ton</u>	
85-4-14	10172	10006	G4,000	1.8	0.332	Grab sample across 0.4 m. of Qz, Py (He) vein.
85-4-15	10190	10009	3,120	2.9	0.121	Chip sample across 0.3 m. of Qz, Py (He) vein.
85-4-16	10335	10011	1,255	0.5	0.045	Grab sample from shear andesite with He alteration.
85-4-17	10438	10107	320	0.9		Grab sample from hematitic shear zone in roadbed.
85-4-18	10384	10144	455	0.1		Grab sample from hematitic shear zone (316°) in roadbed.
85-4-19	10017	10000	G4,000	2.1	1.07	Chip sample across 0.3 m. of Qz, Py (He) vein.
85-4-20	10101	9996	G4,000	2.4	0.205	Chip sample across 0.3 m. of Qz, Py (He) vein.
85-4-21	10119	9997	995	0.4		Chip sample across 0.3 m. of Qz, Py (He) shear zone.
85-4-22	10180	9993	1,750	0.7	0.050	Grab sample across 0.4 m. of Qz, Py (He) vein.
85-4-23	10185	9991	300	0.2		Grab sample across 0.15 m. of Qz, He infilled shear zone.
85-4-24	10204	10011	325	0.2		Grab sample of 0.3 m. shear w/He alteration.
85-4-25	10208	10012	20	0.2		Chip sample of 0.3 m. white Qz vein (post min'l. vein).
85-4-26	10333	9990	582	1.4		Grab sample of hematitic shear zone in roadbed.
85-4-27	10335	10010	420	0.1		Chip sample across 0.8 m. of soft, sheared wall-rock w/Li alteration.

APPENDIX IV

Sample Descriptions and Analytical/Assay Summaries

<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> (p.p.b.)	<u>Ag</u> (p.p.m.)	<u>Au</u> oz./ton	
85-4-28	10335	10011	1,030	1.3	0.030	Chip sample across 0.6 m. of sheared, altered (Li) wallrock and 10 cm. Qz vein.
85-4-29	10335	10012	3,050	2.2	0.085	Chip sample across 0.9 m. of hematitic, sheared andesite.
85-4-30	10180	10006	1,460	0.4	0.046	Chip sample across 0.6 m. of sheared, hematitic wallrock.
85-4-31	10179	10006	990	0.7		Chip sample across 3 cm. Qz, Py (He) vein.
85-4-32	10179	10007	380	LO.1		Chip sample across 0.8 m. of sheared, limonitic andesite.
85-4-33	10164	10002	1,330	0.9	0.040	Chip sample across 0.5 m. of sheared, limonitic wallrock.
85-4-34	10164	10002	3,460	1.1	0.092	Chip sample across 0.5 m. of vuggy Qz vein breccia w/Py clasts.
85-4-35	10164	10003	665	0.9		Chip sample across 0.7 m. of quartz vein breccia w/Py clasts.
85-4-36	10164	10003	865	0.1		Chip sample across 0.7 m. of highly weathered vein material.
85-4-37	10164	10004	130	0.1		Chip sample across 0.8 m. of foliated andesite w/diss'd. Py.
85-4-38	10135	9996	130	LO.1		Chip sample across 1.0 m. of foliated, sheared andesite.

APPENDIX IV

Sample Descriptions and Analytical/Assay Summaries

<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> <u>(p.p.b.)</u>	<u>Ag</u> <u>(p.p.m.)</u>	<u>Au</u> <u>oz./ton</u>	
85-4-39	10135	9997	4,000	2.5	0.198	Chip sample across 1.1 m. of vuggy, brecciated quartz vein.
85-4-40	10135	9998	25	0.1		Chip sample across 1.0 m. of foliated andesite.
85-4-41	10110	9995	2,025	0.4	0.063	Chip sample across 1.0 m. of dk. grn., foliated andesite w/Li alt'n.
85-4-42	10110	9996	4,000	2.0	0.317	Chip sample across 1.5 m. of shear zone w/Qz veining and He alt'n. 2% Py.
85-4-43	10110	9997	335	0.6		Chip sample across 1.0 m. of dk. grn., foliated andesite.
85-4-44	10087	9996	290	0.3		Chip sample across 0.6 m. of grn. foliated andesite (tuff?).
85-4-45	10087	9996	4,000	2.8	0.80	Chip sample across 0.3 m. of sheared and brecciated Qz vein.
85-4-46	10087	9997	570	0.3		Chip sample across 0.8 m. of sheared, foliated grn. andesite.
85-4-47	10063	9993	130	0.2		Chip sample across 0.6 m. of grn. foliated andesite.
85-4-48	10063	9993	4,000	1.2	0.208	Chip sample across 0.3 m. of limonitic, sheared Qz vein.
85-4-49	10063	9994	650	0.7		Chip sample across 1.0 m. of dk. grn. sheared andesite.

APPENDIX IV

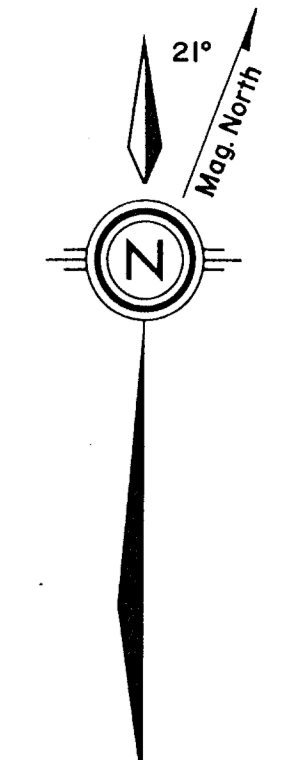
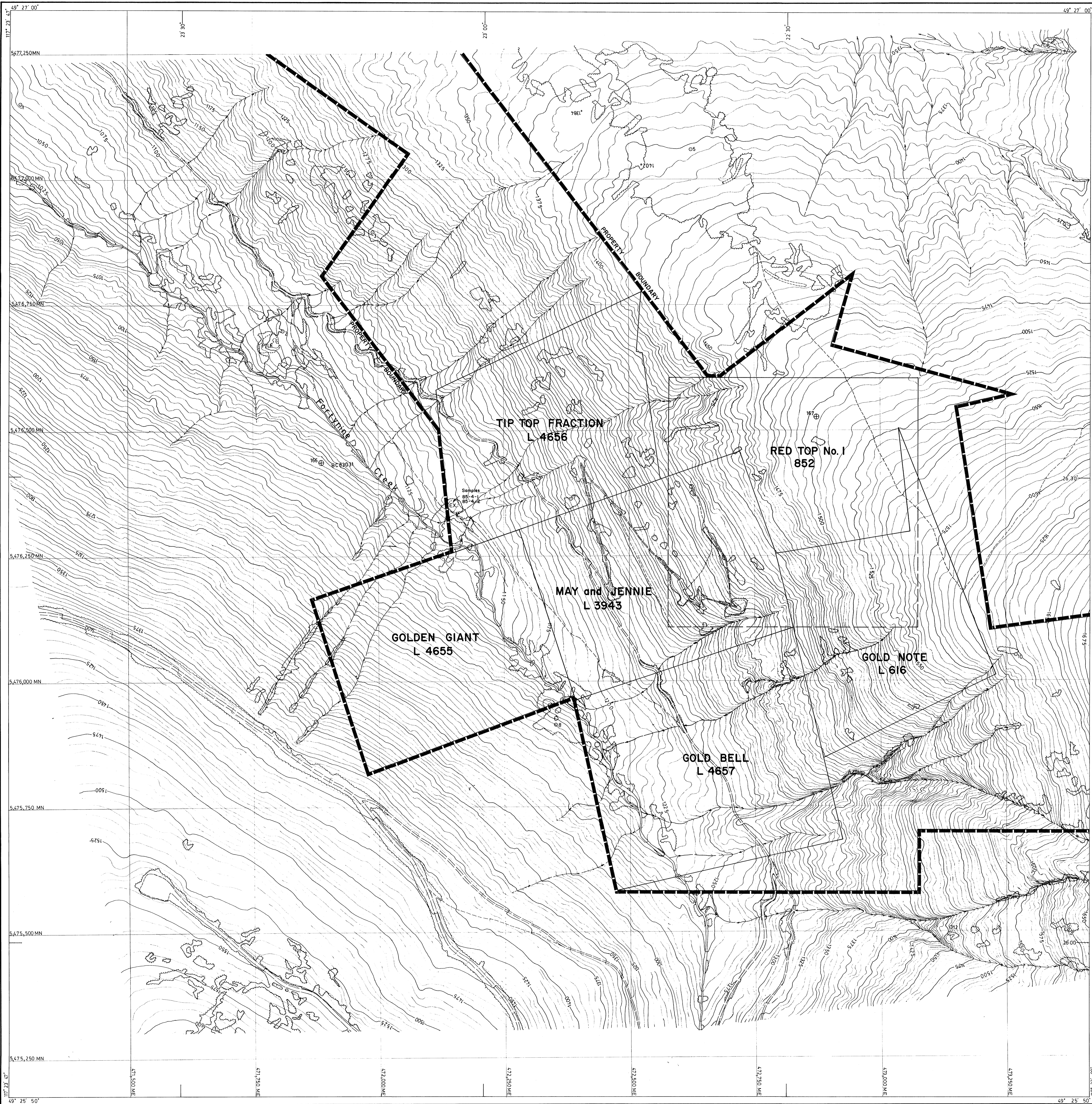
Sample Descriptions and Analytical/Assay Summaries

<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> (p.p.b.)	<u>Ag</u> (p.p.m.)	<u>Au</u> oz./ton	
85-4-50	10036	9995	3.0	10.1		Chip sample across 0.5 m. of sheared, green tuff. No Py.
85-4-51	10036	9995	860	7.4		Chip sample across 0.5 m. of limonitic Qz vein with malachite, Py, Cp and He.
85-4-52	10036	9996	3.0	1.0		Chip sample across 0.5 m. of lamprophyre dyke w/3% Py diss'ns.
85-4-53	10036	9997	240	1.0		Chip sample across 1.0 m. of sheared andesite w/f.g. Py diss'ns.
85-4-54	10036	9998	120	1.1		Chip sample across 1.0 m. of limonitic, sheared tuff w/Qz veining and sparse diss'd. Py.
85-4-55	10018	9999	3	10.1		Chip sample across 0.5 m. of sheared tuff w/minor Py.
85-4-56	10018	10000	4,000	1.2	0.132	Chip sample sample across 0.5 m. of Qz vein breccia w/5% Py.
85-4-57	10018	10001	325	0.2		Chip sample across 0.5 m. of limonitic tuff w/minor Py.
85-4-58	10000	10003	310	1.1		Chip sample across 0.5 m. of highly sheared andesite. No Py.
85-4-59	10000	10003	3,125	1.3	0.088	Chip sample across 0.4 m. of brecciated Li alt'd. Qz vein cut by barren Qz vein. Diss'd. Py, Cp.
85-4-60	10000	10004	4,000	1.8	0.66	Chip sample across 0.4 m. of brecciated Qz vein w/Py, Cp.

APPENDIX IV

Sample Descriptions and Analytical/Assay Summaries

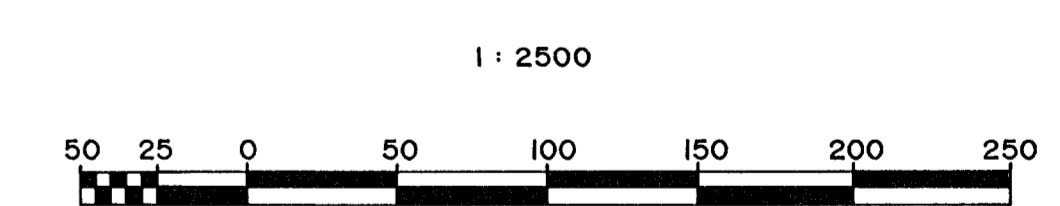
<u>Sample No.</u>	<u>Northing</u>	<u>Easting</u>	<u>Analysis</u>		<u>Assay</u>	<u>Description</u>
			<u>Au</u> <u>(p.p.b.)</u>	<u>Ag</u> <u>(p.p.m.)</u>	<u>Au</u> <u>oz./ton</u>	
85-4-61	10000	10004	2,510	1.6	0.076	Chip sample across 1.0 m. of limonitic, foliated tuff. No Py.
85-4-62	9916	10001	455	0.1		Chip sample across 1.0 m. of sheared andesite. Minor Py.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,429

SCALE



Contour interval is 5.0 metres. After a photogrammetric topographic map by J.D. Sherfield and Associates, Langley, B.C., 1985.

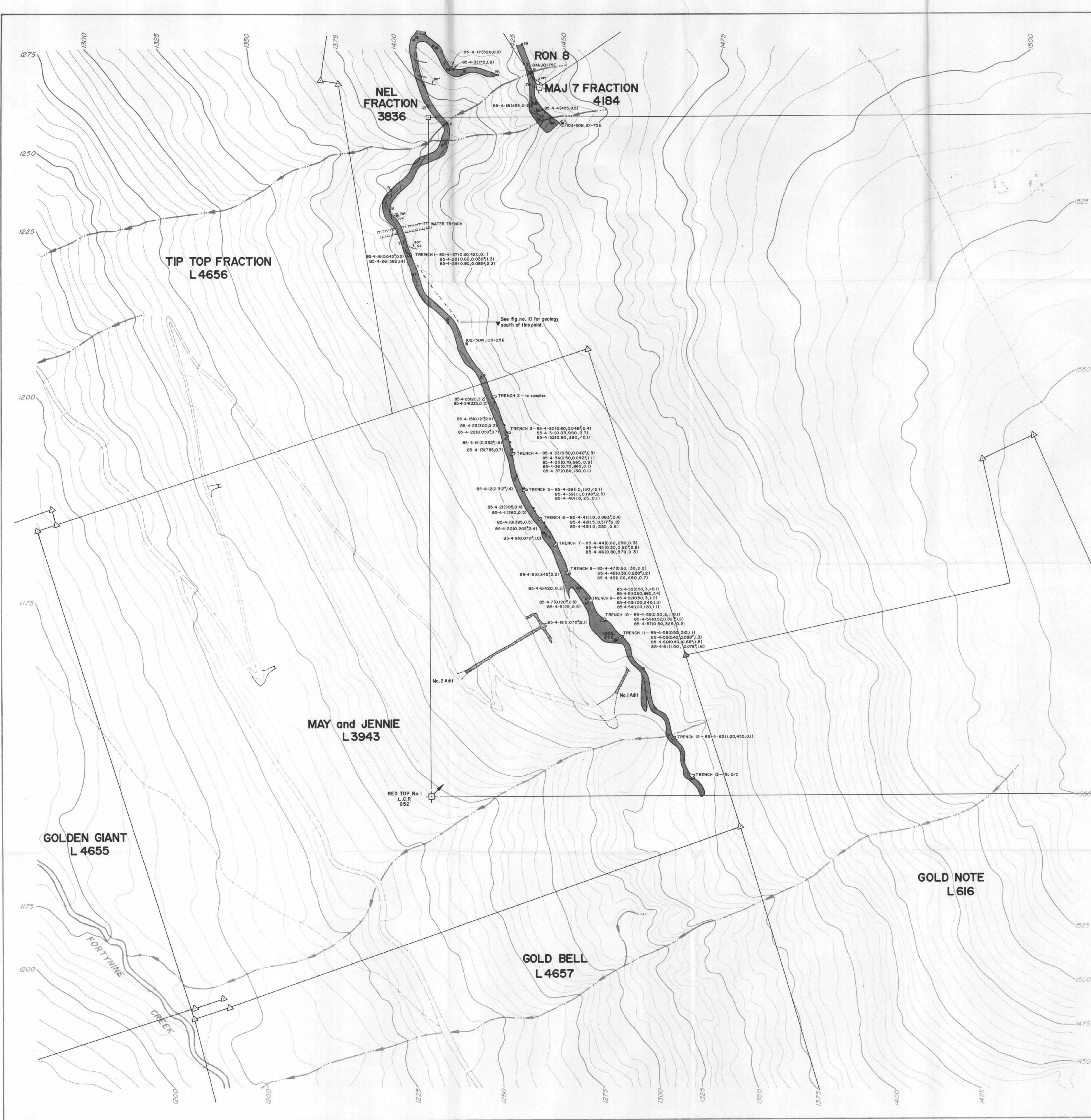
To accompany a report by J.D. Blanchflower, October, 1985.

MINOREX CONSULTING LTD.
GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.

PLAYER RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

TOPOGRAPHIC PLAN
MAY and JENNIE PROPERTY
NELSON MINING DIVISION, B.C.

Technical work by:	J.D.B.	N.T.S.:	82 F/6 W
Drawn by:	T.P.Q.	Scale:	1:2500
Date:	October, 1985	Figure No.:	4



GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,429

— LEGEND —

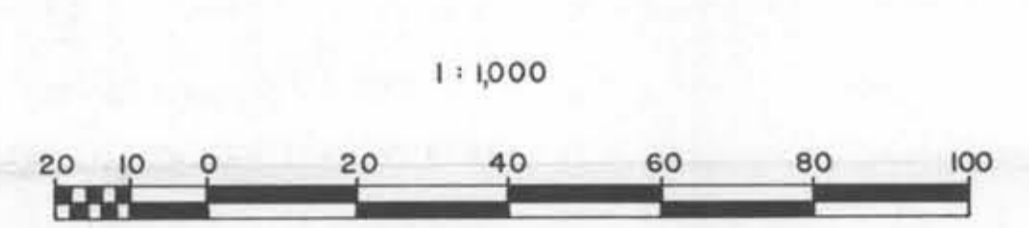
- TERTIARY TO RECENT**
- Q Till, glacial alluvium.
- LOWER TO UPPER CRETACEOUS**
- NELSON PLUTONIC ROCKS**
- 4 Lamprophyre dyke — dark gray to black, massive minette with porphyritic biotite in a poikilitic groundmass.
 - 3 Granite, granodiorite, syenite.
- Faulting and folding
- LOWER JURASSIC**
- ROSSLAND FORMATION**
- 2 Pyroclastic unit — fine-grained, finely-laminated tuff (maybe intensely-sheared l.)
 - 1 Andesite, Latite, Basalt
- a Flow breccia — green, fine-grained groundmass with ~10% porphyritic hornblende. Subrounded augite porphyry clasts range in size from 1 to 50 cm.
 - b Flow — green, fine-grained flow with minor biotite phenocrysts.

— SYMBOLS —

- ▲ Outcrop (area of outcrop, subcrop, boulder).
- Geological boundary (defined, inferred).
- Fault (defined, approximate, inferred) — arrow show movement sense.
- Bedding (horizontal, inclined, vertical).
- Foliation (horizontal, inclined, vertical).
- Lineation (horizontal, inclined).
- Vein (defined, inferred).
- Shaft.
- Adit (open, caved).
- Test pit (1904-1906).
- Trench (1985).
- Road (surveyed, unsurveyed).
- Stream (seasonal).
- Survey point.
- Claim post (L.C.P., I.P.).
- Claim boundary line.
- Surveyed Crown Grant post (located, unlocated).
- Rock sample location (chip, grab) — sample length (m), p.p.b., or oz./ton Au, p.p.m. Ag.

ca	Calcite	mc	Malachite
cl	Chlorite	mg	Magnetite
cp	Chalcopyrite	mp	Mariposite
ep	Epidote	py	Pyrite
ga	Galena	qz	Quartz
he	Hematite	sp	Sphalerite

— SCALE —



Contour interval is 5.0 metres. After a photogrammetric, topographic map by J.D. Shortreid and Associates, Langley, B.C., 1985.

To accompany a report by J.D. Blanchflower, October, 1985.

J.D. Blanchflower
MINOREX CONSULTING LTD.
GEOLOGICAL CONSULTANTS, KAMLOOPS, B.C.

PLAYER RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

TRENCHING PLAN
MAY and JENNIE PROPERTY
NELSON MINING DIVISION, B.C.

Technical work by:	J.D.B.	N.T.S.:	82 F / 6 W
Drawn by:	T.P.Q.	Scale:	1:1000
Date:	October, 1985	Figure No.:	5



LEGEND

TERTIARY TO RECENT

Q Till, glacial alluvium

LOWER TO UPPER CRETACEOUS

NELSON PLUTONIC ROCKS

- 4 Lamprophyre dyke - dark grey to black, massive minette with porphyritic biotite in a poikilitic groundmass.
- 3 Granite, granodiorite, syenite.

LOWER JURASSIC

ROSSLAND FORMATION

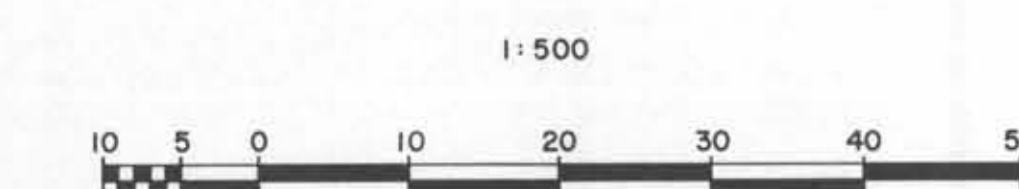
- 2 Pyroclastic unit - fine-grained, finely-laminated tuff (maybe intensely sheared).
- 1 Andesite, Latite, Basalt
- a Flow breccia - green, fine-grained groundmass with 10% porphyritic hornblende. Subrounded augite porphyry clasts range in size from 1 to 50 cm.
- b Flow - green, fine-grained flow with minor biotite phenocrysts.

SYMBOLS

- Outcrop (area of outcrop, subcrop, boulder).
- Geological boundary (defined, inferred).
- Fault (defined, approximate, inferred) - arrow show movement sense.
- Bedding (horizontal, inclined, vertical).
- Foliation (horizontal, inclined, vertical).
- Lamination (horizontal, inclined).
- Vein (defined, inferred).
- Shaft.
- Adit (open, caved).
- Test pit (1904-1906).
- Trench (1985).
- Road (surveyed, unsurveyed).
- Stream (seasonal).
- Survey point.
- Claim post (L.C.P., I.P.).
- Claim boundary line.
- Surveyed Crown Grant post (located, unlocated).
- Rock sample location (chip, grab) - sample length (m), p.p.b., or oz./ton Au, p.p.m. Ag.
- Proposed drill site.

ca	Calcite	mc	Malachite
cl	Chlorite	mg	Magnetite
cp	Chalcopyrite	mp	Mariposite
ep	Epidote	py	Pyrite
ga	Galenite	qz	Quartz
he	Hematite	sp	Sphalerite

SCALE



Contour interval is 5.0 metres. After a photogrammetric topographic map by J.D. Shortland and Associates, Langley, B.C., 1985.

To accompany a report by J.D. Blanchflower, October, 1985.

MINOREX CONSULTING LTD.
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PLAYER RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

PROPOSED DRILL HOLE PLAN
MAY and JENNIE PROPERTY
NELSON MINING DIVISION, B.C.

Technical work by:	J.D.B.	N.T.S.	82 F/6 W
Drawn by:	T.P.G.	Scale:	1:500
Date:	October, 1985	Figure No.:	10

