

REPORT
on the
GEOLOGICAL AND DIAMOND DRILL PROGRAMS
on the
TALLY-HO GULCH, ALTA AND CAR CLAIM GROUPS

Wheaton River Area
Whitehorse District
Yukon Territory

Latitude 60° 15' N
Longitude 135° 00' W

Work Period May 1966 - September 1966

DATE DUE



by

W. B. McCrindle,
B.A.Sc.

This report has been examined by
the Geological Evaluation Unit.
Approved as to technical worth by:

D. Fridley
RESIDENT GEOLOGIST

Approved as to cost in the amount
of: \$ 10,044.41

H. E. Neelken
RESIDENT MINING ENGINEER

Accepted as representation work
under Section 53(4) Yukon Quartz
Mining Act

[Signature]
COMMISSIONER OF YUKON

GEOLOGICAL SURVEY

[Signature]
MAY 22 1967

Resident Geologist
Whitehorse, Y. T.

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ABSTRACT

In May, 1966, 100 claims of the Alta Group were staked to surround the seven contiguous crown grant patented claims known as the Tally-Ho Gulch Group.

Subsequently, an agreement was made up with Mr. C. W. Harvey of Wellesley, Mass., registered owner of the Tally-Ho Gulch Group, to allow International Mine Services to option the group.

A tote road of 1.3 miles rising 1000 feet in elevation was constructed from Wheaton River to the lower adit to facilitate access to the old workings on the Leader claim. The road was extended 1390 feet horizontally and 278 feet vertically to provide access to the upper adit. Both roads were used for access to the Alta claims.

A mining crew of a supervisor plus three miners was engaged to re-habilitate the two adits. Much difficulty was encountered due to the melting permafrost and the fractured nature of the bedrock.

Grab samples from mineralized quartz veins exposed in the two adits were sampled by Mr. J. L. Tindale. The assay results from these samples are: 1.96 oz. gold, 6.3 oz. silver and 11.7% lead; 2.08 oz. gold, 4.0 oz. silver and 3.5% lead; 0.30 oz. gold, 13.0 oz. silver and 19.0% lead.

Initial reconnaissance of Mount Wheaton led to the discovery of five surface trenches and pits which were sampled. The encouraging results from a pit in the northeast corner of Mount Wheaton prompted the staking of a further four claims. These claims formed the Car Group.

While the diamond drilling program was in operation, the author was also involved in a program of detailed geological surface mapping. The mapping involved the area around the adits on plan entitled - "Brunton Compass and Chain Survey to show Detailed Geology and Topo-

graphy of Adit Area on Leader and Wheeler Claims". Also the plans "Geology and Topography of Alta and Car Claim Groups" and "Geology and Topography of Car claim Group" were prepared.

During the detailed mapping of the Alta claim group, the old workings of the MacDonald Fraction property were located. A five foot adit to follow a 12" quartz vein with 5-7% galena was located on Tally-Ho Gulch. Selected samples from both locations showed encouraging results.

1509 feet of diamond drilling with BXT equipment were drilled from the lower adit in August and September of 1966. Thirty five core samples and one hundred and fifty one sludge samples were assayed. All assay results indicated trace or nil of gold and silver.

REPORT OF
GEOLOGICAL AND DIAMOND DRILL PROGRAMS
ON THE
TALLY-HO GULCH, ALTA AND CAR CLAIM GROUPS
WHEATON RIVER AREA, YUKON TERRITORY
(May to September 1966)

INTRODUCTION

The following report is intended to give the reader an insight into the program carried out on several groups of claims in the Tally-Ho Mountain Area of the Yukon Territory during the summer of 1966. For assessment work purposes, only the work expended on the Alta and Car claims will be pertinent. However, to fully understand the broad picture of the program a resume of the work carried out on the Crown Grant Tally-Ho Group is included as an amendment to this report.

CLAIMS

On May 19, 1966, Mr. R. Wolfe of Carcross, Yukon Territory was engaged to stake one hundred claims in a group to cover the area of Tally-Ho Mountain, surrounding the Tally-Ho Gulch Group and extend eastwards to cover interesting showings as reported by D. D. Cairnes (1) on Mount Wheaton and Mount Stevens. Subsequently, an agreement was made up with Mr. C.W. Harvey of Wellesley, Mass, registered owner of the Tally-Ho Gulch patented

claims, whereby International Mine Services received the right to rehabilitate the adits and diamond drill on the patented claims. The encouraging assay results from grab samples taken from a pit in the northeast corner of Wheaton Mountain prompted the staking of an additional four claims known as the "Car Group". The "Car" claims were staked in September 1966.

The one hundred and four claims of the Alta and Car claim groups have been divided into seven claim groups. The claims are grouped as follows:

Group #1	Alta Claims	1-12 inclusive	; 32
Group #2	Alta Claims	21-30 inclusive	; 42, 44, 46, 48, 50
Group #3	Alta Claims	41, 43, 45, 47, 49	; 61-70 inclusive
Group #4	Alta Claims	81-90 inclusive	; 91, 93, 95, 97, 99
Group #5	Alta Claims	92, 94, 96, 98, 100	; 71-80 inclusive
Group #6	Alta Claims	51-60 inclusive	; 31, 33, 35, 37, 39
Group #7	Alta Claims	13-20 inclusive	; 34, 36, 38, 40
	Car Claims	1- 4 inclusive	

All the above claims have been transferred to J. D. S. Bohme, lawyer of Toronto, Ontario

LOCATION OF CLAIMS

The Tally-Ho Gulch claims are so called because of their location on Tally-Ho Mountain about 6 miles west of the big bend in the Wheaton River, Whitehorse District, Yukon Territory.

The "Alta" claim group which surrounds the crown grant patented claims covers most of Tally-Ho Mountain, Mount Wheaton, Mount Stevens and Dickson Hill. The claim group is situated south and west of the big bend of Wheaton Creek in the northeast corner of claim sheet 105-D-3.

and the southeast corner of claim sheet 105-D-6.

The "Car" claim group is situated on the northeast corner of Mount Wheaton about 4500 feet above sea level in claim sheet 105-D-6.

TOPOGRAPHY

The region of Tally-Ho Mountain and Mount Wheaton is situated along the eastern edge of the coast range mountains where the mountains meet the Yukon Plateau terrain.

During the tertiary era, a lowland tract was uplifted into a high land surface. The streams received renewed energy and cut deep V-shaped incisions into the new upland region - these now are the main valleys of the district.

Later glacial ice that invaded the Wheaton district occupied the main depressions which as a result of ice action became both widened and deepened and gradually assumed pronounced U-shaped cross-sections.

Since the retreat of the ice, glacier and water erosion has formed steep, almost perpendicular, inaccessible cliffs along much of the northwest facing slope of the Wheaton River Valley on Tally-Ho mountain and Mount Wheaton.

Intermittent streams, supplied by melt water from permafrost and snowfields are presently cutting V-shaped incisions through bedrock and unconsolidated glacial deposits. Stream cuts through sand, gravel, silt and till expose banks up to 200 feet in height.

Presently the Wheaton River is at an elevation of 2800' at the confluence of Tally-Ho Gulch Creek. The highland plateau region ranges to 3000' above the river. The upland region is a rolling expanse of almost featureless relief, deeply dissected by young streams.

ACCESSIBILITY

The Alta claim group is accessible by road from Whitehorse via the Alaska Highway southbound and the Carcross Territorial road. A Yukon Territorial secondary road (the Yukon Antimony road) runs southwest from milepost 11 on the Carcross road past the foot of Tally-Ho Mountain and beyond, following Wheaton River towards the headwaters. The road surface is gravel and is suitable for any standard automobile as far as Tally-Ho Mountain. Further than three miles upstream, the road is accessible only by four wheel drive vehicle.

A tote trail commences at mile 18 (at the foot of Tally-Ho Mountain) from Robinson on the Yukon Antimony road and winds up Tally-Ho Gulch stream, a distance of 1.3 miles to an old adit portal on the Leader claim. Vertical distance is 1000 feet. An extension to this road leads from the lower adit to an upper adit 278 feet vertically above. The length of the upper road is 1390 feet. The purpose of the tote roads is to allow access to the adit portals for the purpose of adit rehabilitation and underground diamond drilling. Access to the Alta claim group is also facilitated.

Application for Tote Trail Assistance from the Yukon Government was applied for July 8, 1966.

HISTORY OF AREA AND PREVIOUS WORK

The trail of '98 to gold in the Klondike region of the Yukon followed from the Pacific coast port of Skagway, Alaska on the Lynn Canal over the Chilkoot or White Passes and by water along Bennett, Tagish and Marsh Lakes, the Lewes and Teslin Rivers to the Yukon River.

In the early nineteen hundreds, a railway was constructed over the Whitepass to connect Skagway and Whitehorse. This is the White Pass

and Yukon Route. As early as 1909, D. D. Cairnes (1) reports two wagon roads from Robinson on the W.P.Y.R. One route southwestward and extends over 30 miles up the Wheaton River. This route is now referred to as the Yukon Antimony Road.

With such an excellent transportation system, this region along the White Pass and Yukon Route was prospected by those seeking their fortunes from the Yukon.

From 1908-1925, development work was carried out extensively on Tally-Ho Mountain, Mount Wheaton, Mount Stevens and Dickson Hill. The area covered by the Alta and Car claim groups.

The reader is referred to D. D. Cairnes geological and progress reports on the Wheaton Mountain and Tally-Ho Gulch claims in Memoir 31. The adits on the Leader Claims were reported inaccessible by J. O. Wheeler (2) on his visit to the property in 1948.

GEOLOGY

The rocks outcropping on the Alta, Car and Tally-Ho Gulch claim groups are essentially members of the Coast Range Batholith. The granitic rocks in this area apparently represent rocks from the same magma but which differ considerably in character on account of segregation, cooling under different conditions, inclusions of xenoliths, etc. Numerous remnants of the former roof of the coast range batholith are still preserved. A zone of rocks of apparent sedimentary origin cap the batholith on Tally-Ho Mountain on the north face. A zone of rocks of apparent volcanic origin are located on the north eastern section of Wheaton Mountain. Numerous small isolated masses of older invaded formations are distinctly seen in outcrop and diamond drill core as xenoliths in varying degrees of assimilation in the granitic intrusive. The igneous rocks encountered in the map area are all members of the Coast Range Batholith complex. The most extensive igneous rock in the region is a coarse grained white-grey massive granodiorite, generally resistant to intense fracturing, but often has a distinct jointing pattern. Often attitudes on the jointing were difficult to measure. Jointing in the outcrops could not be related in a local or regional pattern. The coarse grained white-grey granodiorite forms cliffs and ledges on the entire north-west facing slopes of Mount Wheaton to the peak and at an elevation below 4800 feet on Tally-Ho Mountain. Minor dikes up to 6 feet were occasionally seen to cut the sedimentary units of the roof rocks at random orientation.

Only two xenoliths of a fine grained, buff pink, trachytic material were observed in the white-grey coarse grained granodiorite during the course of surface mapping. The medium grained massive white pink granite is confined to two outcrops on the west side of the fracture

zone on which the adits are located. In the diamond drill core, the granite was intersected in each of the five holes for lengths varying from 22' to 160'. To the west of the adits, the granite-granodiorite contact was not intersected and holes S.P. 1 and S.P. 3 were abandoned in granite. The surface outcrops immediately above the drill hole intersections of granite consist of coarse grained white-grey granodiorite. This evidence leads me to believe the granite is a differentiation phase of the original granodiorite intrusive rather than a later intrusive.

The medium grained green altered granodiorite is intensely fractured throughout. Multi-directional jointing in this rock is evident in both the core and outcrops. Attitudes on jointing planes are generally impossible to measure due to the intense fracturing. Occasionally minor mud seams (up to 4") are found along fracturing in fault planes in the altered granodiorite.

Chlorite and epidote alteration prevails throughout in varying degrees of intensity since the grain size is finer than the coarse grained white-grey granodiorite; it is possible recrystallization is associated with the alteration.

Zones where epidote alteration exceeds 5% or where dacitic inclusions are abundant, have been noted in the drill logs as a separate map unit. Epidote alteration is generally concentrated along capillary fractures and it is in zones of intense capillary fracturing where epidote alteration exceeds 5%. The dacitic inclusions vary in size to 5". Contacts of the xenoliths vary from sharp, showing no assimilation to gradational, which indicates a higher degree of assimilation.

Local variations in the granodiorite occur. Two different porphyritic granodiorites were encountered. A fine grained grey porphy-

ritic granodiorite with plagioclase phenocrysts up to 3/8", outcrops only as a discordant dike, cutting the volcanic interflows. A differentiation zone in the coarse grained white-grey granodiorite is porphyritic with lath shaped mafic (hornblende) phenocrysts. Outcrops of this rock type are very scarce. This unit was intersected for 10 feet in D.D.H., S.P.5.

VEINS

White quartz veins are primarily confined to the igneous rocks. The lone exception being a 12" quartz vein on the limestone rhyolite contact on the Car claim. The veins ranged in size up to 18" in width. The length exposed by trenching reached a maximum of 20 feet. Sulfide mineralization was generally weak over the entire length of the veins with local massive patches of galena. The width of the vein exposed in the upper adit varied considerably from 2" to 18" over 40 feet. The vein exposed in the 5 foot adit on Tally-Ho Gulch was cut off by a fault on the west face of the adit. Across the creek to the east the vein was seen to pinch out.

On top of Mount Wheaton in Alta claims #35 and #56, four old trenches were located in zones of abundant white quartz rubble. Outcrops were exposed or very near the surface at each trench. Selected samples numbered #7 and #8 were chosen from these trenches.

SEDIMENTARY ROCKS

The sedimentary units overlying the white-grey coarse grained granodiorite consist primarily of limestone and argillaceous siltstone with minor quartzite. The limestone is a finely laminated, buff cream coloured unit - no fossils were found. The argillaceous siltstone is finely laminated and locally massive green-grey unit. The quartzite

is a fine grained grey massive unit. The sediments consist of a series of steeply dipping to vertical isoclinal folds. Axial plane direction varies from 110 to 130 degrees. There appears to be an abundance of small, irregular normal faults throughout the units.

VOLCANIC ROCKS

Rocks of volcanic origin are confined primarily to the northeast arm of Mount Wheaton. Minor volcanics - xenoliths of dacitic and trachytic material have been found in the granodiorite. The volcanic rocks consist of interflow of dacite and rhyolite.

There are two rhyolites which have totally different physical character. The first is a massive aphanitic, blue-grey rhyolite which appears to underlie the volcanic sequence. Outcrop control is sparse and tops are unreliable. The second rhyolite is fine granular buff to white-grey which weathers rust brown. This member is included in a steeply dipping series of limestone, rhyolite and dacite rocks. The dacite is a fine grained green black massive unit. The limestone is a dark grey massive variety. The structure in this area appears to be a series of steep isoclinal folds with axial plane in a north-south direction.

SAMPLING

Eight grab samples from quartz found on the Alta and Car Claims were selected for assaying. Sample #7 assayed trace gold, 0.5 oz. silver, 0.08% lead and sample #8 assayed 0.02% gold and 0.2 oz silver. Both samples are located on claims of group #6. Sample #9 which assayed 0.84 oz. gold, 0.5 oz. silver

is located on the Car claims in group #7.

Selected samples from the vein exposed in the MacDonald Fraction shaft were assayed for gold and silver. Sample #10 0.16 oz. gold, 12.7 oz. silver; sample #11, 0.04 oz. gold, 1.0 oz. silver.

A random sample from the vein in the 5' adit on Tally-Ho Gulch, assayed 0.06 oz. gold, 25.6 oz. silver (sample #12). A selected sample from the muck pile assayed 0.04 oz. gold, 7.2 oz. silver (sample #13).

RECOMMENDATIONS

Further exploration work on this property must consist of follow-up trenching by bulldozer of the quartz vein showings found on Mount Wheaton. Further prospecting of the claim area appears warranted.

The only possibility for further diamond drilling on the Tally-Ho Gulch claims is from the surface.

A long hole from the lower adit road could effectively cross-section the ore zone indicated in the upper adit. High assays in old records and recent sampling appear to be reason enough to warrant a hole in this direction.

EXPENSES APPLICABLE FOR ASSESSMENT WORK

The following expenses are applicable to the seven groups of claims totalling one hundred and four claims staked in 1966, plus seven crown grant patented claims which are contiguous.

The claim groups have been so divided that the total amount of work done on each group, on a per claim per group basis, is equal. Therefore, one-one hundred and fourth of the total costs should apply to each claim. The total costs of work for each

group on the applications to record assessment work on this basis.

SUMMARY OF COSTS

Wages	As detailed below	\$ 4,840.48
Supplies	" "	1,219.33
Travel and Expenses	" "	1,092.24
Transport and Hauling	" "	2,483.57
Road Construction	" "	1,050.00
Telephone and Telegram	" "	363.79
Assays	" "	45.00
		<hr/>
		\$11,094.41
		<hr/>
Expenses on a per claim basis (104 claims)		\$ <u>106.68</u>

WAGES

J. Tindale,	Toronto, Ont.	Consulting Geol.	July 1-Aug 31	850.00
M. Kierans,	Bathurst, N.B.	Consulting Geol.	Aug 8-Sep 8	756.16
W. McCrindle,	Toronto, Ont.	Field Geologist.	July 20-Sep 20	1,500.00
J. Mather,	Toronto, Ont.	Geological Tech.	June 15-July 15	375.00
B. Seagraves,	Toronto, Ont.	Draftsman,	July 1-Aug 31	291.67
J. Rigby,	Toronto, Ont.	Secretary,	July 1-Aug 31	400.00
J. Rose,	Toronto, Ont.	Secretary,	June 15-July 1	146.76
R. St. Croix,	Bathurst, N.B.	Geol. Assist.	Aug 23-Sep 6	295.89
H. Richardson,	Bathurst, N.B.	Geol. Assist.	Sep 7-Sep 11	100.00
E. Parsons,	Carcross, Yukon,	Geol. Assist.	Sep 12-Sep 16	125.00
				<hr/>
				\$4,840.48
				<hr/>

SUPPLIES

Tourist Services	500.00
White Pass and Yukon	719.33
	<hr/>
	\$1,219.33
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TRAVEL AND EXPENSES

Yellowknife - Whitehorse	131.00
Toronto - Whitehorse return	368.00
Bathurst N.B - Whitehorse	286.70
J. L. Tindale	306.54
	<hr/>
	\$1,092.24
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TRANSPORT AND HAULING

Vehicles	849.29
White Pass and Yukon	1,462.38
Ontario Northland R.R.	30.00
Canadian Freightways	141.90

\$2,483.57

ROADS

Holway Construction	1,000.00
Armco Drainage Company	50.00

\$1,050.00

TELEPHONE AND TELEGRAM

C.N. Tele.	\$ 363.79
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ASSAYS

Atlas Testing Lab.	\$ 45.00
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Respectfully submitted,

William E. McCrindle

William E. McCrindle,
Geological Engineer.

Toronto, Ontario.
November 9, 1966.

BIBLIOGRAPHY

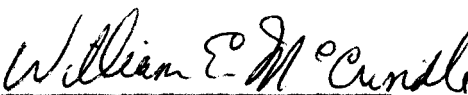
1. D. D. Cairnes G.S.C. Memoir 31, 1912
2. J. O. Wheeler G.S.C. Memoir 312, 1961-P.123.

CERTIFICATE

I, William E. McCrindle, of the City of Toronto,
in the County of York, Province of Ontario, hereby certify
that:

1. I am a geological engineer and
reside at 7 Crendon Drive,
Etobicoke.
2. I am a 1961 Graduate of the
Faculty of Applied Science and
Engineering of the University
of Toronto. I have practised
my profession for two and one-
half years since my graduation.
The other years I taught high
school in Ontario.
3. I have no interest either direct-
ly or indirectly in the Alta and
Car claim groups, nor do I expect
to receive any such interest.
4. The accompanying report is based
on personal examination of the
property in July, August and
September of 1966, and a review
of previous work.

DATED this 9th day of November 1966 at Toronto,


William E. McCrindle,
Geological Engineer.

AMMENDMENTDESCRIPTION OF WORK DONE ONTALLY-HO GULCHCROWN GRANT CLAIMSCLAIMS

The property referred to as Tally-Ho Gulch Claims consists of seven contiguous crown grant patented claims known respectively as the "Leader", "Wheeler", "Driver", "Band Wagon", "Banner", "Hostler" and "Rapid Transit". These lots are shown upon a plan of survey of said lots made by H. G. Dickson, D.L.S. and of record in the Department of the Interior under plan number 19561.

PURPOSE OF OPERATION

Preparations on the Tally-Ho property were designed to rehabilitate both adits for the purpose of sampling the veins and to set up underground diamond drill stations. The old workings were reported to consist of a 400 foot upper adit plus a 700 foot lower adit with a 70 foot east cross-cut.

Diamond drilling was carried out to explore for the downward extension of the vein mined in the upper adit workings and to explore for parallel structures. All diamond drilling took place from the lower adit. The upper adit was opened only for confirmation of values reported in old reports and for the purpose of mapping and sampling.

MINING OPERATION

In June of 1966, Mr. J. Mather of International Mine Service's staff in Toronto visited the Tally-No property to locate the old workings and arrange for the construction of the tote road. Much difficulty was encountered in locating the portals as rock slides and slumpage had covered the timbers and muck piles. Mr. R. Holway of Whitehorse was given the contract for the tote road construction.

Arrangements were made such that Mr. Gus Shartner of Haileybury, Ontario would supervise a crew of three miners to rehabilitate the two adits on the Leader claim. Difficulty in timbering the portals and adits was encountered due to the melting permafrost and the fractured nature of the bedrock since the adits follow closely along the fracture zones.

Advancement in the lower adit was halted at 87 feet due to the presence of a cave in. After repeated attempts to timber the back and block the cave, it was discovered that the muck had caved through to the surface. At 58 feet from the portal, a cross-cut running 70 feet in an easterly direction was found to be relatively clear of muck and easily accessible.

The upper adit was opened to a depth of 125 feet and it was possible to see another 30 feet. The back consisted of broken ore held up by lagging. Muck was continually falling into the adit. Grab samples were taken from the vein as the adit was opened. It was soon evident that further timbering would be in vain and attempts to proceed further into the adit were abandoned. Three days later, after a heavy rain-storm, the portal caved-in and was covered by a landslide.

MINING EQUIPMENT

The mining equipment used at the Tally-Ho property consisted of the following items: 1 plugger, 1000 feet of 2" aluminum pipe, 400 feet of 4" aluminum pipe plus fittings were shipped to Carcross via train and boat from another of the Company's properties in Northern Ontario: 600 feet of plastic water hose 1½ inch diameter, 1 only 600 cubic foot air compressor, 1 only 26 inch scraper and slusher machine, Company of Vancouver. A 32 inch scraper and slusher was rented from Cameron McMynn Company's operation in Carcross.

DIAMOND DRILLING

From stations in the lower adit and east cross-cut of the lower adit, five EXT diamond drill holes were drilled a total of 1509 feet. Core recovery was very poor due to the fractured nature of the rock and the presence of abundant small faults. Each hole was cemented at least once. B. Carron diamond drilling of Haileybury, Ontario, was contracted to perform the required drilling. Core recovery was increased from 50% to 90-100% with the introduction of soap to the water system.

The detailed log and cross section of each hole is enclosed in this report.

SAMPLING AND ASSAY RESULTS

As the adit rehabilitation progressed, Mr. J. L. Tindale selected grab samples of the main vein. The vein consisted of quartz, with varying quantities of galena. The assays from these samples indicated very encouraging results. The assays were:-

- Sample #1 - 0.06 oz. gold, trace silver, 0.15% lead.
- Sample #2 - 0.30 oz. gold, 12.9 oz. silver, 19.1% lead.
- Sample #3 - 1.96 oz. gold, 6.50 oz. silver, 11.7% lead.
- Sample #4 - 0.10 oz. gold, 0.36 oz. silver, 0.70% lead.
- Sample #5 - 0.58 oz. gold, 1.04 oz. silver, 2.16% lead.

Sample locations are indicated on the section map of the underground workings.

Because of the poor core recovery in the early stages of diamond drilling, sludge samples were collected every ten feet throughout the drilling program. A total of 151 sludge samples and thirty five core samples were each assayed for gold and silver. All core and sludge samples assayed trace or nil gold and silver.

CONCLUSIONS

The planned program for diamond drilling was hindered by cave in the lower and upper adits. Access to proposed survey stations was blocked, consequently prime targets aimed at with diamond drilling were at great distances and chances of intersection were less certain. The possibility of parallel structures to the west of the adit has been resolved. None were intersected. To the south-east, possibilities still exist as hole S.P.5 was abandoned when rods stuck in the hole two hundred and fifty feet from the target area.

DIAMOND DRILL RECORD

PROPERTY Silver Peak - Tally-no

HOLE NO. S.P. 1.

SHEET NUMBER 1.

SECTION FROM _____ TO _____

STARTED July 27, 1966

LATITUDE 3385N

DATUM Surface

COMPLETED Aug 17, 1966

DEPARTURE 3090E

BEARING 238°

ULTIMATE DEPTH 256'

ELEVATION 3800'

DIP -20° -17° @ 256'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
3.0-5.6'	Med. gr. green altered granodiorite								
5.6-6.1'	1/8" green epidotized quartz vein in granodiorite. trace pyrite.	1801	5.6	6.1	0.5				
6.1-10.2'	Med. gr. green altered granodiorite, epidotized, chloritized.								
10.2-10.5'	3/4" rust white calcite vein	1802	10.2	10.5	0.3				
10.5-19.2'	Med. gr. green altered granodiorite, epidotized, chloritized.								
19.2-19.7'	2" white calcite vein-quartz on fractures	1803	19.2-19.7		0.3				
19.7-20.7'	Med. grey green altered granodiorite.								
20.7-21.7'	Fractured green altered granodiorite, with epidote on fracture 7-10% epid.								
21.7-25.8'	Med. grey green altered granodiorite								
25.8-26.2'	3/16" quartz stringer, white with rust on fractures	1804	25.8	26.2	0.4				
26.2-27.9'	C. gr. pink leucocratic granodiorite								
27.9-43.3	Med gr. green altered granodiorite								
43.3-43.6	Quartz rich alteration zone between granodiorite and fault zone below.	1805	43.3	43.6	0.3				

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY Silver Peak - Tally-no

HOLE NO. S.P. 1.

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
43.8-44.6'	9" buff-white calcite and quartz with mud seam in fault none-possible trace Pbs.	1806	43.8	44.6	0.8				
44.6-48.0'	White quartz vein (minor calcite) with red brown stain	1807	44.6	48.0	3.4				
48.0-51.0'	Med. gray green altered granodiorite								
51.0-51.8'	1/16" irreg. white calcite stringers	1808	51.0	51.8	0.8				
51.8-52.2'	3.0" Breccia none quartz & calcite matrix. Tr. pyrite	1809	51.8	52.2	0.4				
52.2-77.6	Med gr. green altered granodiorite, minor epidote and chlorite @ 56.7, 1" mud seam								
77.6-78.0'	1/8"-1" white with rust rim calcite vein	1810	77.6	78.0	0.4				
78.0-80.0'	Med gr. green altered granodiorite water seam @ 79.7'.	1811	78.0	80.0	0.4				
80.0-80.4'	White quartz calcite veins 1" and 1/8" in above .								
80.4-86.8'	Med gr. green altered granodiorite								
86.8-88.2'	Gouge Zone - with stringers and lenses of quartz and calcite, mud seams, intensely fractured core.	1812	86.8	88.2	1.4				

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY Silver Pack - Tally-Ho HOLE NO. S.P. 2

SHEET NUMBER 1. SECTION FROM _____ TO _____ STARTED August 13, 1966
 LATITUDE 3363N DATUM _____ COMPLETED August 30, 1966
 DEPARTURE 5030E BEARING 152° ULTIMATE DEPTH 531 feet.
 ELEVATION 3800' DIP Flat -5° at 531' PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
4.0-5.0'	C. gr. white pink granite, 3-5% mafics, minor chlorite, fractured					
5.0-8.2'	Med gr. green altered granodiorite, dacitic zones, minor chlorite alteration, fractures with limonite stain, trace dissen. pyrite capillary stringers of quartz and calcite, white irregular					
8.2-8.9'	C. Gr. white-pink granite vein (no contacts visible)					
8.9-42.6'	Med. gr. green altered granodiorite, dacite, epidote, on joints, capillary calcite stringers on fractures, fractures parallel & perpendicular to core. Local zones white, c. gr. granodiorite (unaltered)? at 23.7, trace dissen. pyrite.					
42.6-42.9'	3" bx. zone, quartz matrix, reddish cast	1820	42.6	42.9	0.3	
42.9-43.4'	5" white quartz and calcite vein	1819	42.9	43.4	0.5	
43.4-44.4'	Stringers white calcite in granodior.	1821	43.4	44.4	1.0	

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. **S.P. 2**

SHEET NUMBER **2**

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
44.4-46.5'	Green granodiorite weathered and fractured	1822	44.4	46.5	2.1				
46.5-49.8'	Med gray green altered granodiorite								
49.8-50.2'	4" breccia zone with calcite matrix	1823	49.8	50.2	0.4				
50.2-51.0'	Green altered granodiorite								
51.0-52.2'	5" mud zone with gouge, 7" breccia zone, quartz, calcite matrix	1824	51.0	52.2	1.2				
52.2-83.0'	C. gr. white pink granite, 3-5% mafics, minor fracturing with epidote and locally limonite stain								
83.0-83.3'	Mud and gouge seam-possible fault contact zone	1825	83.0	83.3	0.3				
83.3-84.0'	Med gr. green altered granodiorite with diss. pyrite ± 1%	1826	83.3	84.0	0.7				
84.0-174.6'	Med. gr. green altered granodiorite dacite locally capillary fractures with epidote and/or chlorite occasional stringer of white calcite and quartz to 4".								
174.6-174.7'	1/2" white calcite stringer with 1% diss. cubedral pyrite	1828	174.6	174.7	0.1				

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. **S.P. 2**

SHEET NUMBER **3.** SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES		
174.7-221.0'	Med. gr. green altered granodiorite with minor dacite zones, with minor epidote zones, scattered calcite stringers.							
221.0-226.0'	3-10% epidote on fractures							
226.0-227.0'	dacitic zone in green altered grano.							
227.0-262.8'	Same med. gr. granodiorite with minor dacitic zones.							
262.8-263.1'	1/2" quartz and epidote, 1/4" calcite vein (white)	1832	262.8	263.1	0.3			
263.1-267.4'	Med. gr. green altered granodiorite							
267.4-268.3'	F. gr. dark grey dacitic with irreg. blebs white grey quartz.							
268.3-273.0'	Med. gr. green altered granodiorite							
273.0-275.0'	Dacitic granodiorite							
275.0-278.9'	Epidotized, dacitic f-m gr. green granodiorite, 20-30% epidote.							
278.9-279.2'	Stringer c. gr. white pink granite.							
279.2-293.6'	Med. gr. green altered granodiorite							
293.6-294.4'	Stringer c. gr. white pink granite							
294.4-314.2'	Med. gr. green altered grano (locally 10-15% epidote).							

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. **S.F. 3**

SHEET NUMBER **4.** SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
314.2-315.2'	Above with 10-15% epidote					
315.2-327.5'	Med. gr. green altered granodiorite, local epidote stringers					
327.5-328.0'	Above with minor wh. calcite string.					
328.0-349.0'	Med. gr. green altered granodiorite					
349.0-350.0'	Dacitic zone with 10-15% epidote.					
350.0-358.2'	Med. gr. green alt. granodiorite.					
358.2-359.5'	Above with epidote on wavy fracture planes 20-25%.					
359.5-385.5'	Med. gr. green altered granodiorite.					
385.5-386.8'	Above with 5-7% epidote					
386.8-390.0'	Med. gr. green altered granodiorite.					
390.0-406.0'	Above with epidote 3-5% generally to 10% locally.					
406.0-420.5'	Med. gr. green altered granodiorite occasional dacitic zone to 2", local calcite stringers to 1/8" (white), minor epidote on fractures.					
420.5-421.2'	Breccia zone with angular fragments of white quartz and calcite with grey/black matrix, tr. pyrite					
		1836	420.5	421.2	0.7	

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. **S.P. 2**

SHEET NUMBER **3.** SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
421.2-438.1'	Med. gr. green granodiorite (epidote to 15% locally).					
438.1-441.0'	M-c gr. white-grey granodiorite - (occasional epidote on frac).					
441.0-442.5'	Above with trace pyrite	1837	441.0	442.5	1.5	
442.5-447.5'	M-c gr. white pink granodiorite.					
447.5-473.8'	M. gr. green altered granodiorite, minor dacitic zones, occasional zones 5-7% epidote to 3"					
473.8-474.3'	Pink-white med-c gr. granite string.					
474.3-500.3'	M. gr. green altered granodiorite, epidotized, dacitic zones to 1.0' locally stained & fractured, minor capillary calcite lenses and strings.					
500.3-501.7'	Green dacitic zone with capillary fract. calcite filled.					
501.7-502.3'	M. gr. altered granodiorite.					
502.3-503.5'	Green dacitic zone massive,					
503.5-531.0'	Med. gr. altered fractured green granodiorite with abundant capillary strings, calcite weakly stained, locally dacitic & epidotized 3-5%					

531.0'

End of Hole.

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY Silver Pack - Tally-No

HOLE NO. S.P. 3

SHEET NUMBER 1. SECTION FROM _____ TO _____ STARTED Aug 17, 1966
 LATITUDE 3385N DATUM _____ COMPLETED Aug 25, 1966
 DEPARTURE 3090E BEARING 312° ULTIMATE DEPTH 232'
 ELEVATION 3800' DIP - 20° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
5.0-15.5'	Med. gr. green altered granodiorite, locally coarse gr. local zones of intense capillary fracturing-fracture filled with epidotes.								
15.5-16.0'	Breccia zone, white calcite vein with angular inclusions of green altered granodiorite.	1827	1515	16.0	0.5				
16.0-30.6'	Med. gr. green altered granodiorite as above lower contact is gradational over 0.4'								
30.6-62.2'	Med.-coarse grained white green granodiorite, local fractures with epidote and minor calcite @ 45.6' angular inclusion of dacitic material (sharp contact).								
62.2-68.1'	Med. gr. green altered granodiorite, minor dacitic zones, minor zones of abundant capillary fractures w/epidote occasional stringers of white calcite up to 1/16".								

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. S.P. 3

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
68.1-68.7'	2-3" white calcite vein with trace pyrite	2329	68.1	68.7	0.6				
68.7-85.5'	Med. gr. green altered granodiorite, as above.								
85.5-85.8'	Stringer of m-c gr. white pink granite, sharp contacts.								
85.8-107.5'	Med. gr. green altered granodiorite, with local dacitic zones (minor), occasional minor zones of med-gr. white pink granite.								
107.5-109.0'	60-70% epidote alteration along capillary fractures.								
109.0-154.0'	Med. gr. green altered granodiorite, as above.								
154.0-154.4'	Dacitic zone with epidote on capillary fractures.								
154.4-158.0'	Med. gr. green granodiorite-epidote, (15-30%) on fractures.								
158.0-158.8'	35-40% epidote.								
158.8-160.5'	Occasional stringers calcite to 1/16" Red mud and gouge.								

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY Silver Pack - Tally-Ho

HOLE NO. S.P. 4

SHEET NUMBER 1.

SECTION FROM _____ TO _____

STARTED Aug 25, 1966

LATITUDE 5385N

DATUM _____

COMPLETED Sept 4, 1966

DEPARTURE 5090E

BEARING 212°

ULTIMATE DEPTH 196'

ELEVATION 3800'

DIP + 15

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES				
0-5'	Casing									
5.0-14.0'	Med. gr. green altered granodiorite, minor dacitic zone, occasional epidote stringers.									
14.0-14.7'	Same as above 5-8% epidote.									
14.7-19.5'	Same as 5-14', altered green grano.									
19.5-19.7'	Dacitic zone with epidote.									
19.7-22.5'	Med. gr. green altered granodiorite.									
22.5-22.9'	Dacitic zone 10-15% epidote.									
22.9-27.0'	Med. gr. green altered granodiorite with capillary epidote stringers.									
27.0-29.2'	White-pink granite with assimilate fragments of med. gr. green granodiorite, both contacts gradational.									
29.2-35.5'	Med. gr. green altered granodiorite, with minor epidote occasional bleb granitic material. Lower contact gradational to granite.									
35.5-55.5'	White-pink granite, med c. gr. calcite stringer 15° (1/8")									

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. **S.P. 4**

SHEET NUMBER **2** SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES		
55.5-56.6'	White buff quartz vein with fragments granite	1833	55.5	56.6	1.1			
56.6-61.1'	Buff-brown f. gr. altered breccia zone-calcite matrix contact zone, granite and green altered granodiorite.	1834	56.6	61.1	4.5			
61.1-63.3'	F.med. gr. altered granodiorite.							
63.3-65.0'	above altered locally to buff with 2 quartz veins at 3"	1835	63.3	65.0	1.7			
65.0-129.0'	Med. gr. green altered granodiorite with local epidote zones to 3", locally fine gr. granodiorite-local dacite zones to 2". Occasional stringer white calcite to 1/8".							
129.0-129.2'	Breccia zone in gr. granodiorite with white calcite matrix	1838	129.0	129.2	0.2			
129.2-158.0'	Same green altered granodiorite as above, driller reports mud and sand at 146'							
158.0-174.0'	finer grained, more altered green granodiorite with 3-7% locally epidote. Abundant fractures, occasional white quartz & calcite stringer.							

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY Silver Pack - Tally-No.

HOLE NO. S.P. 5

SHEET NUMBER 1.

SECTION FROM _____ TO _____

STARTED Sept 4, 1966

LATITUDE 5385N

DATUM _____

COMPLETED Sept 19, 1966

DEPARTURE 5090E

BEARING 190°

ULTIMATE DEPTH 294'

ELEVATION 3800'

DIP -3°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0.0-6.0'	Casing								
6.0-21.4'	Med. gr. green altered granodiorite, with minor epidote zones occasional dacitic zone, minor white calcite stringer 1/16"								
21.4-23.9'	Fine gr. highly epidotized green altered granodiorite 7-10% epidote.								
23.9-30.1'	Med. gr. green altered granodiorite, with scattered zones up to 2" of 7-10% epidotization.								
30.1-32.0'	Med. gr. white green granodiorite, possibly granitized-massive.								
32.0-39.08	Med. gr. green altered granodiorite with scattered zones up to 2" of 7-10% epidotization.								
39.0-41.0'	Gradational contact zone (increase in leucocratic minerals).								
41.0-72.6'	Med-coarse gr. white-pink granite 3-5% mafic buff, yellow feldspar alteration, minor fractures with epidote, mainly massive.								

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. **S.P. 3**

SHEET NUMBER **2** SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES				
72.6-75.0'	Brown-red mud seam									
75.0-106.0'	Med. gr. green altered granodiorite, locally pink feldspar, frequent epidotized zone upto 1", occasional dacitic zone to 1", minor fracturing.									
106.0-107.0'	dark grey dacitic zone.									
107.0-108.3'	Contact zone, inclusions of dacitic material in varying degrees of assimilation in wh. green granodiorite, increase in leucocratic content with depth.									
108.3-119.0'	Wh. pink granite with 5-7% mafics, yellow feldspar alteration, minor fracturing, occasional grain pyrite locally.									
119.0-121.0'	F. gr. red-grey granitic rock, fractured with chlorite and epidote on fractures.									
121.0-148.5'	White pink med. gr. granite with 3-5% mafics & 7% xxxxx locally, yellow feldspars, occasional epidote, stringer, occasional mafic inclusion to 1".									

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. S.P. 5

SHEET NUMBER 3

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
148.5-155.5'	Contact zone with mafics increasing with depth. Occasional dacitic inclusion.								
155.5-183.5'	Med. gr. green altered granodiorite, wassive local dacitic zones, local epidote zones (minor)								
183.5-185.7'	Med. gr. green altered granodiorite, (same as 155.5)								
185.7-190.8'	Green dacitic zone-fractured-epidote 5-7%.								
190.8-218.5'	Med. gr. green altered granodiorite, frequent dacitic zones to 2", epidote strginers to 1/8".								
218.5-218.7'	White calcite vein.								
218.7-224.0'	C. gr. green altered granodiorite, porphyritic with lath shaped mafic (hb) xls, local epidote silicified (qtz. possibly secondary).								
224.0-231.0'	Med. gr. green altered granodiorite, with 40% dacitic inclusion zones.								
231.0-236.0'	Med. gr. green altered granodiorite, minor epidote & dacitic zones.								

DRILLED BY _____

SIGNED _____

SILVER PACK MINES LTD. TALLY-HO PROJECT

S.P.1

EAST X-CUT LOWER ADIT

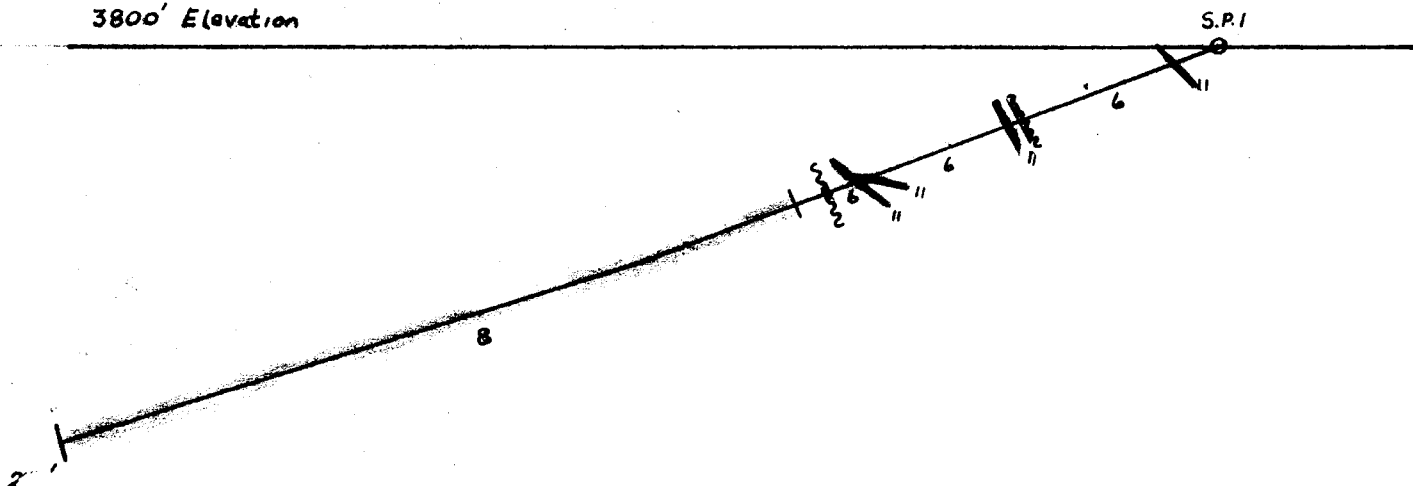
Coordinates 5385N/5090E

Elevation 3800'







Bearing 238°

SCALE 1"=40'

3800' Elevation



Assays of core samples and sludge samples indicate trace or nil gold and silver.

-  Quartz or calcite stringers
-  Granite: med. grained, white pink
-  Granodiorite: Coarse grained porphyritic w/ lath shaped mafic (hb) phenocrysts.
-  Granodiorite: med. grained, green altered
-  Granodiorite as above: w/ 5-20% epidotization or dacitic inclusions
-  Granodiorite: coarse grained, white-grey

SILVER PACK MINES LTD. TALL

S.P.2

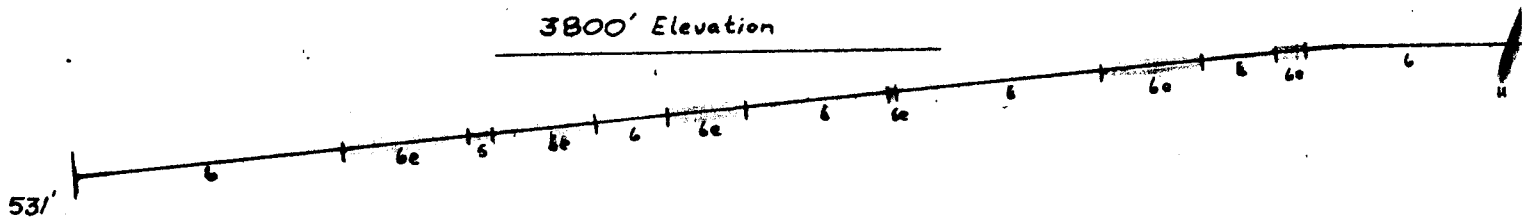
LOWER ADIT

Coordinates 5365N/5030E

Elevation 3800'

Bearing 152°

SCALE 1"=40'



Assays of core samples and sludge samples indicate trace or nil gold and silver.

SILVER PACK MINES LTD. TALLY-HO PROJECT

S.P.3 AND S.P.4

EAST X-CUT LOWER ADIT

Coordinates 5385N/5090E

Elevation 3800'

Bearing 21.2°

SCALE 1"=40'



Quartz or calcite stringers



Granite: med. grained, white pink



Granodiorite: coarse grained porphyritic w/ lath shaped mafic (hb) phenocrysts



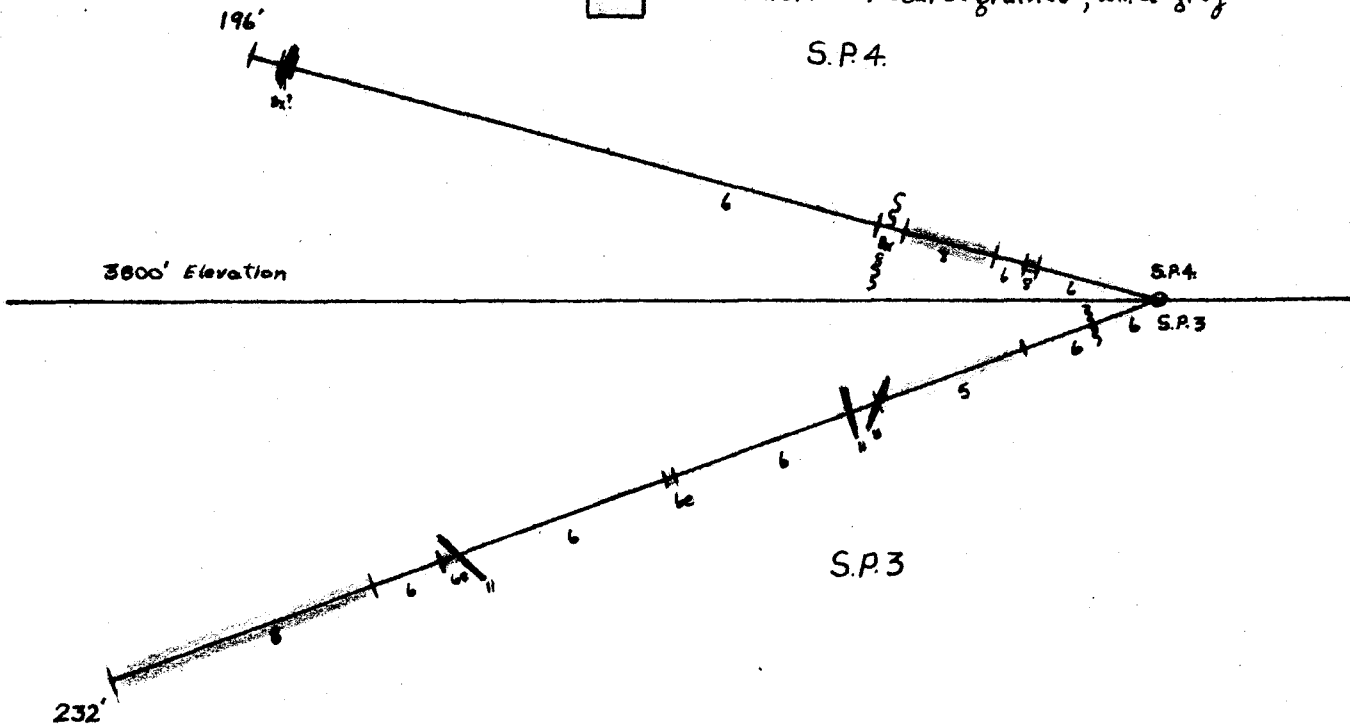
Granodiorite: med. grained, green altered



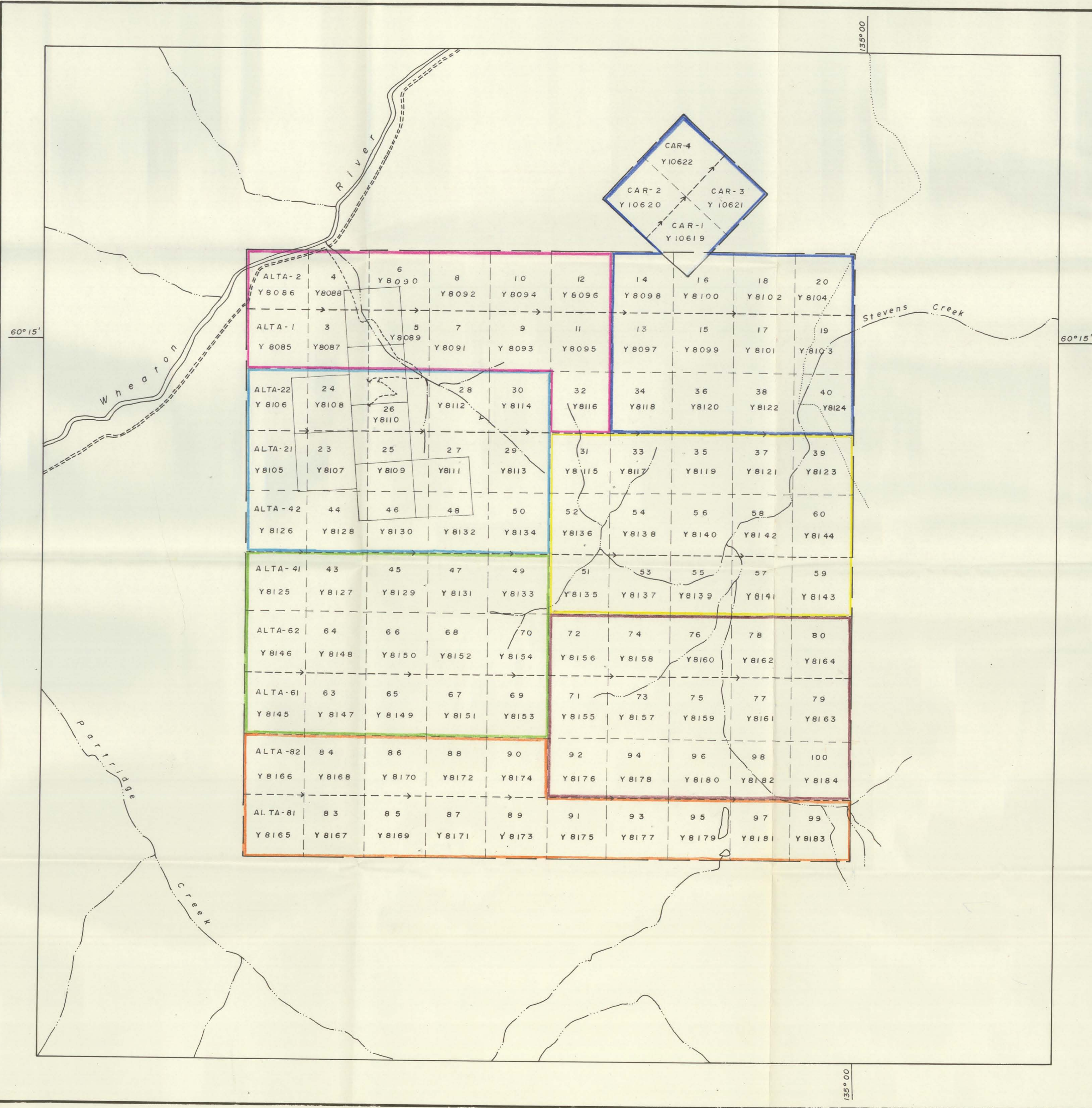
Granodiorite: as above, w/ 5-20% epidotization or dacitic inclusions



Granodiorite: coarse grained, white-grey



Assays of core samples and sludge samples indicate trace or nil gold and silver.

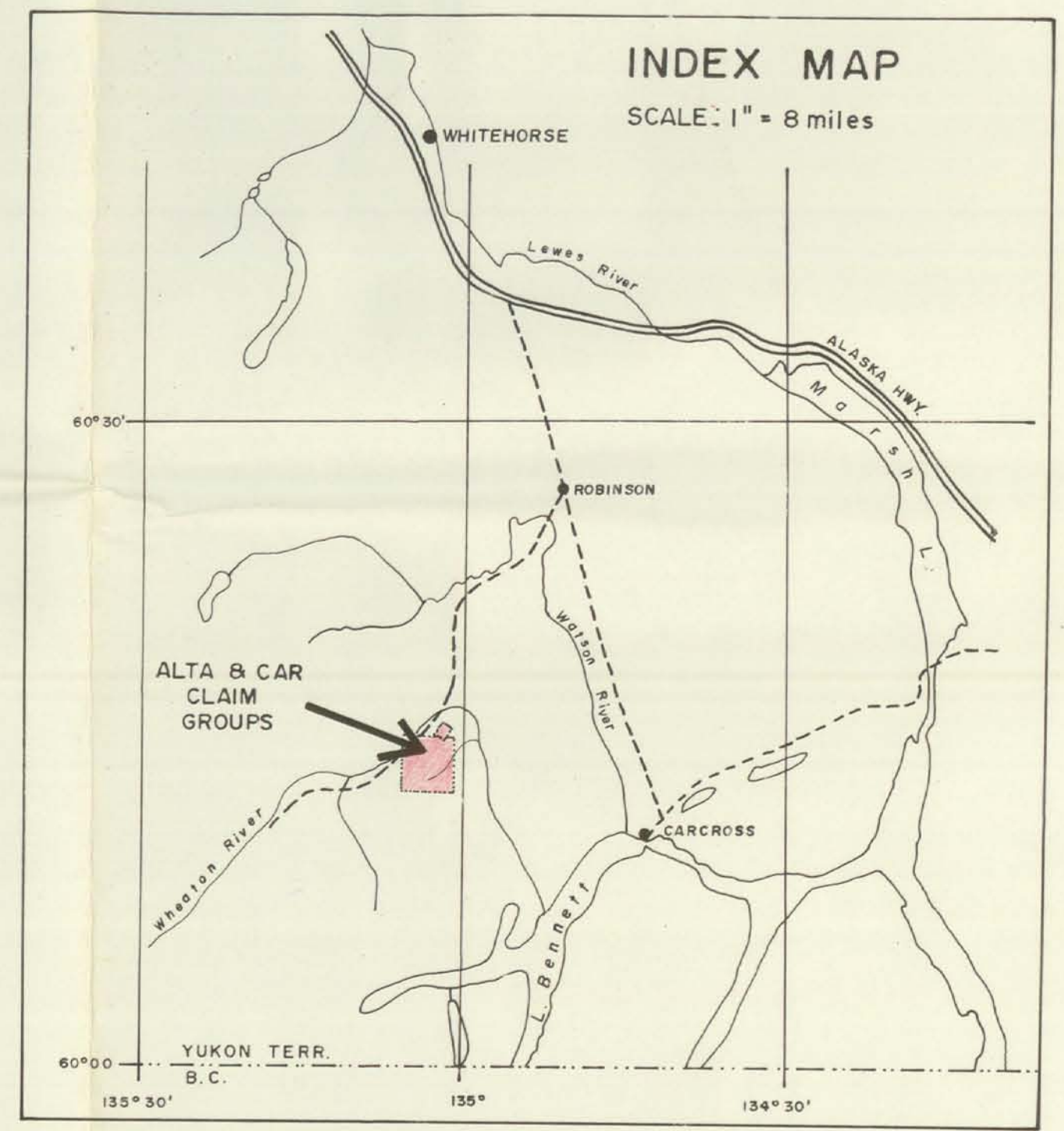


MAP NO. 1

CLAIM MAP
 TALLY-HO MTN. PROJECT
 WHEATON RIVER AREA
 WHITEHORSE DISTRICT, Y. T.
 SCALE: 1" = 1320'

- Patented claims (SILVERPACK Option)
- - - Location line
- - - Claim line
- - - Claim group boundary
- ~ River
- ~ Stream
- - - Road
- - - Tote road
- Trail
- ∩ Adit portal

- ASSESSMENT WORK GROUPING
- Group 1. (Pink box)
 - " 2. (Light Blue box)
 - " 3. (Light Green box)
 - " 4. (Light Orange box)
 - " 5. (Light Purple box)
 - " 6. (Light Yellow box)
 - " 7. (Light Blue box)



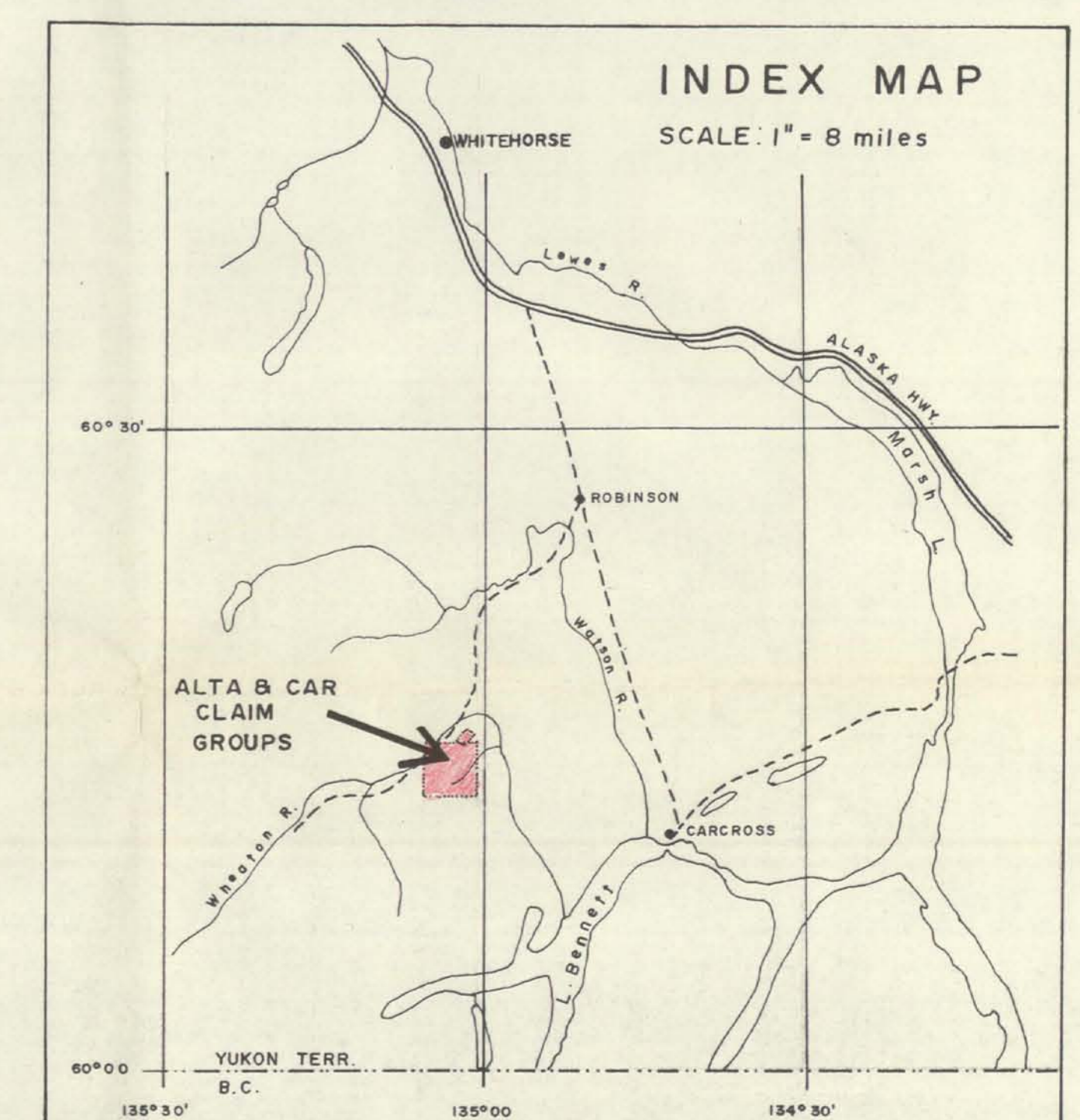
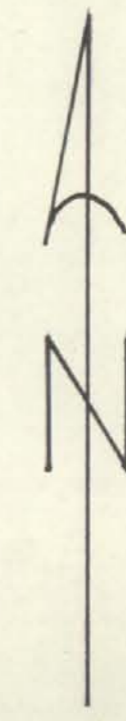


GEOLOGY

- 12 Gravels
- IGNEOUS**
- 1 Quartz & calcite vein or lense
- 10 Hybrid granite
- 9 Pyroxenites & peridotites
- 8 Granite: white-pink, med. grained
- 7 Granodiorite: fine grained, grey porphyritic with felspar plagioclase. (7a) coarse grained porphyritic with lath shaped mafic(hb) phenocrysts
- 6 Granodiorite: medium grained, green altered. (6a) with 5-20% epidotization or dacitic inclusions
- 5 Granodiorite: coarse grained, white-grey
- SEDIMENTS**
- 4 Quartzite: fine grained, massive, grey
- 3 Argillaceous siltstone: finely laminated, locally massive, green-grey
- 2 Limestone: finely laminated, buff cream
- VOLCANICS**
- 1 Interflows of dacite, rhyolite & limestone

SYMBOLS

- Assumed geological contact
- Strike & dip of bedding
- Outcrop area
- Contour lines (500' interval)
- River
- Stream
- Territorial road
- Tote road
- Trail
- Claim group boundary
- Shaft (MacDonald Fraction)
- Adit portal
- Prospect trench
- S.D.#2 Sketch diagram



MAP NO. 2
GEOLOGY & TOPOGRAPHY
ALTA & CAR GROUPS
 TALLY-HO - WHEATON MTN. AREA, CARCROSS REGION
 WHITEHORSE DISTRICT, YUKON TERRITORY
 SCALE: 1" = 1320'

MAP NO. 3

SKETCH DIAGRAM #1
LOCATED ON PLAN #

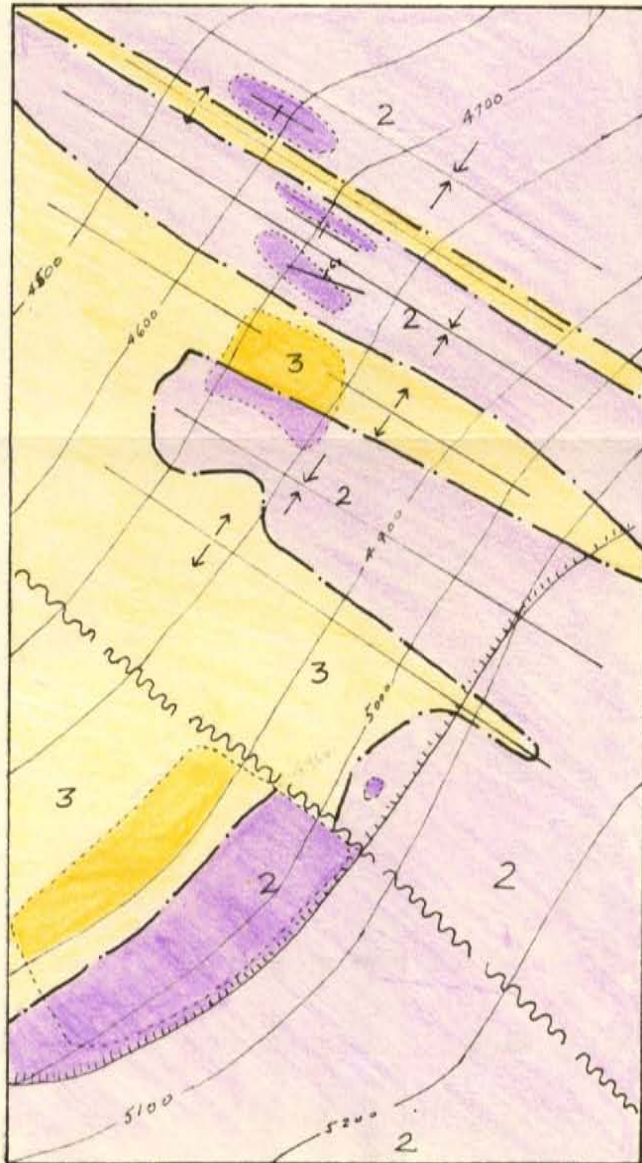


LEGEND

- 3 ARGILLACEOUS SILTSTONE
- 2 LIMESTONE

SYMBOLS

- STRIKE AND DIP
- 4800 CONTOUR INTERVAL 100'
- OUTCROP AREA
- GEOLOGICAL CONTACT
- FOLD AXIS



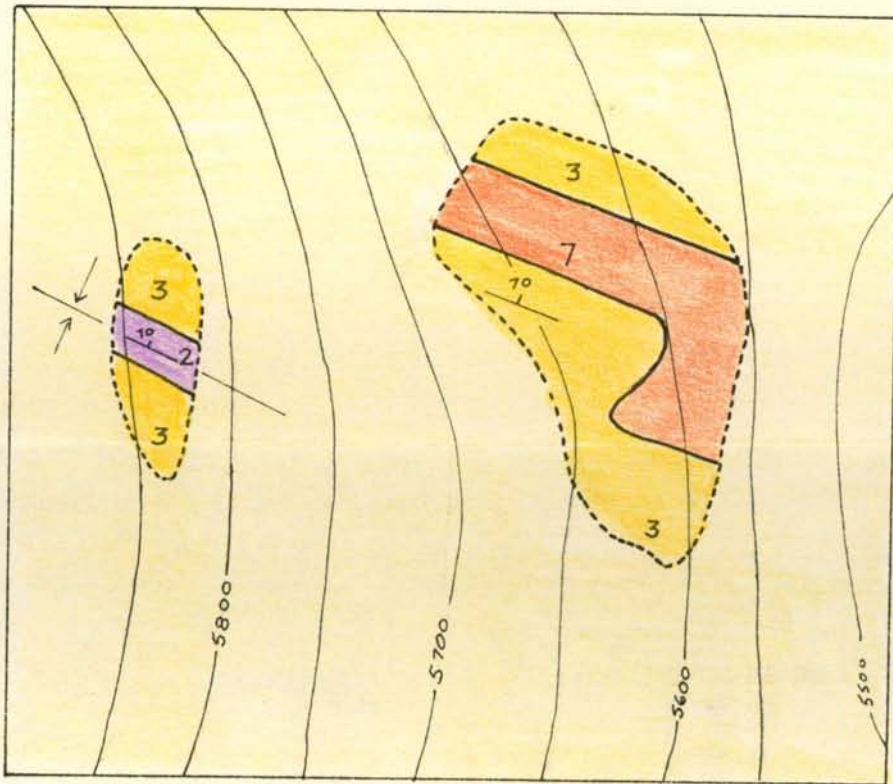
Scale: 1" = 50'

September, 1966

W.Mc.

MAP NO. 4

SKETCH DIAGRAM #2
LOCATED ON PLAN #



LEGEND

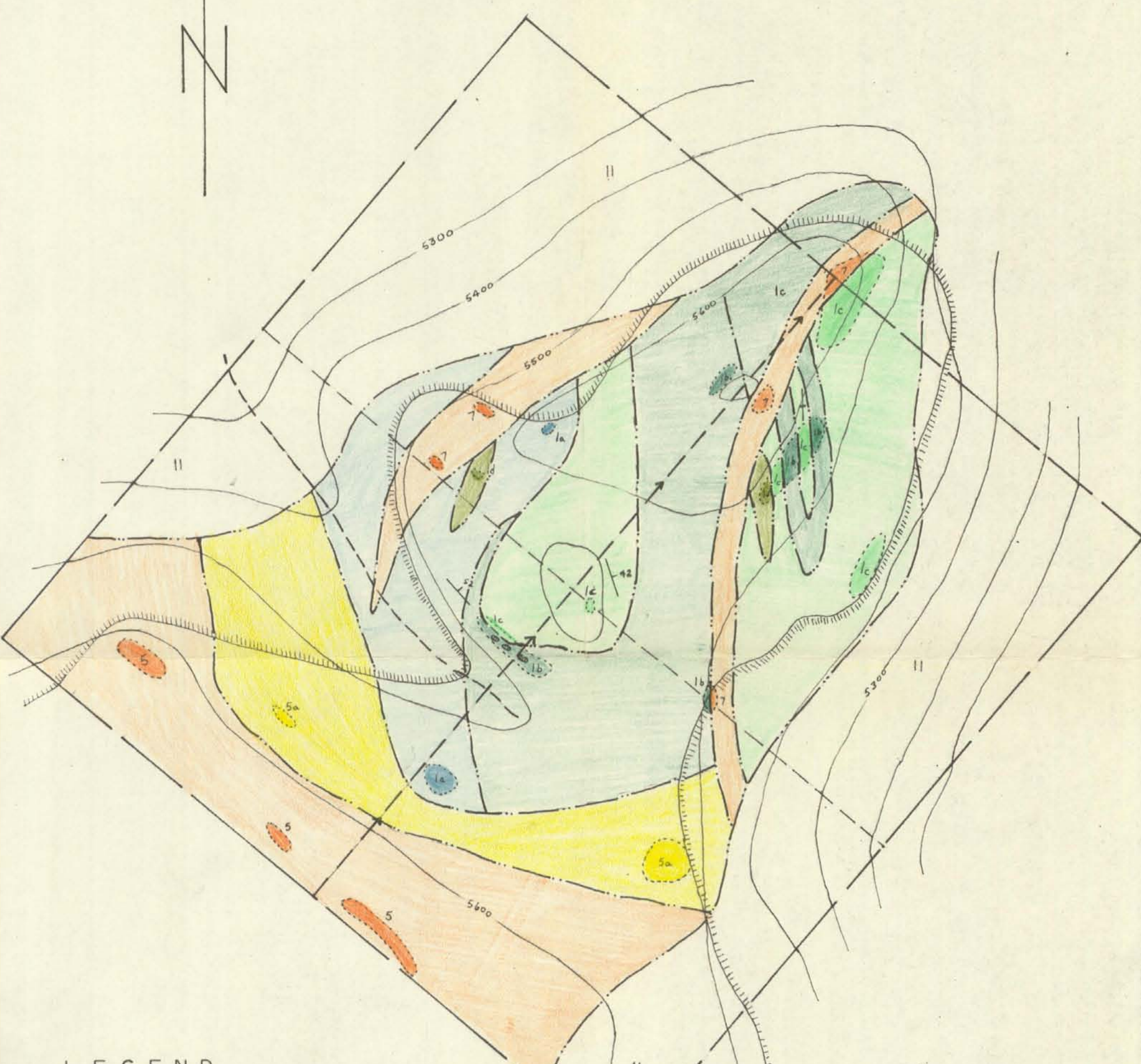
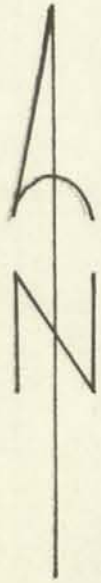
- 7 PORPHYRITIC GRANODIORITE
- 3 ARGILLACEOUS SILTSTONE
- 2 LIMESTONE

SYMBOLS

- |— STRIKE AND DIP
- 5600— CONTOUR INTERVAL 50'
- GEOLOGICAL CONTACT
- - - - - OUTCROP AREA
- ↓
↑ SYNCLINAL AXIS

Scale 1" = 50' September 1966 W.M.C.

GEOLOGY & TOPOGRAPHY
 CAR CLAIM GROUP
 WHEATON MTN., WHEATON RIVER AREA
 WHITEHORSE DISTRICT, YUKON T.
 SCALE: 1" = 400'



LEGEND

- 11 Gravels
- IGNEOUS
- 5 C.gr. grey-white granodiorite
- 7 F.gr. white-grey porphyritic granodiorite
- 5a Med. gr. gray granodiorite
- VOLCANICS
- 1a Aphanitic blue grey rhyolite
- 1b Limestone massive
- 1c Fine granular buff white grey rhyolite (weathers rust brown)
- 1d F. gr. green black dacite

SYMBOLS

- Strike & dip
- Cliff
- 500 — Contour interval 100'
- Prospect trench
- Boundary of outcrop area
- Stream
- → Location line
- Claim line
- Claim boundary

MAP NO. 6

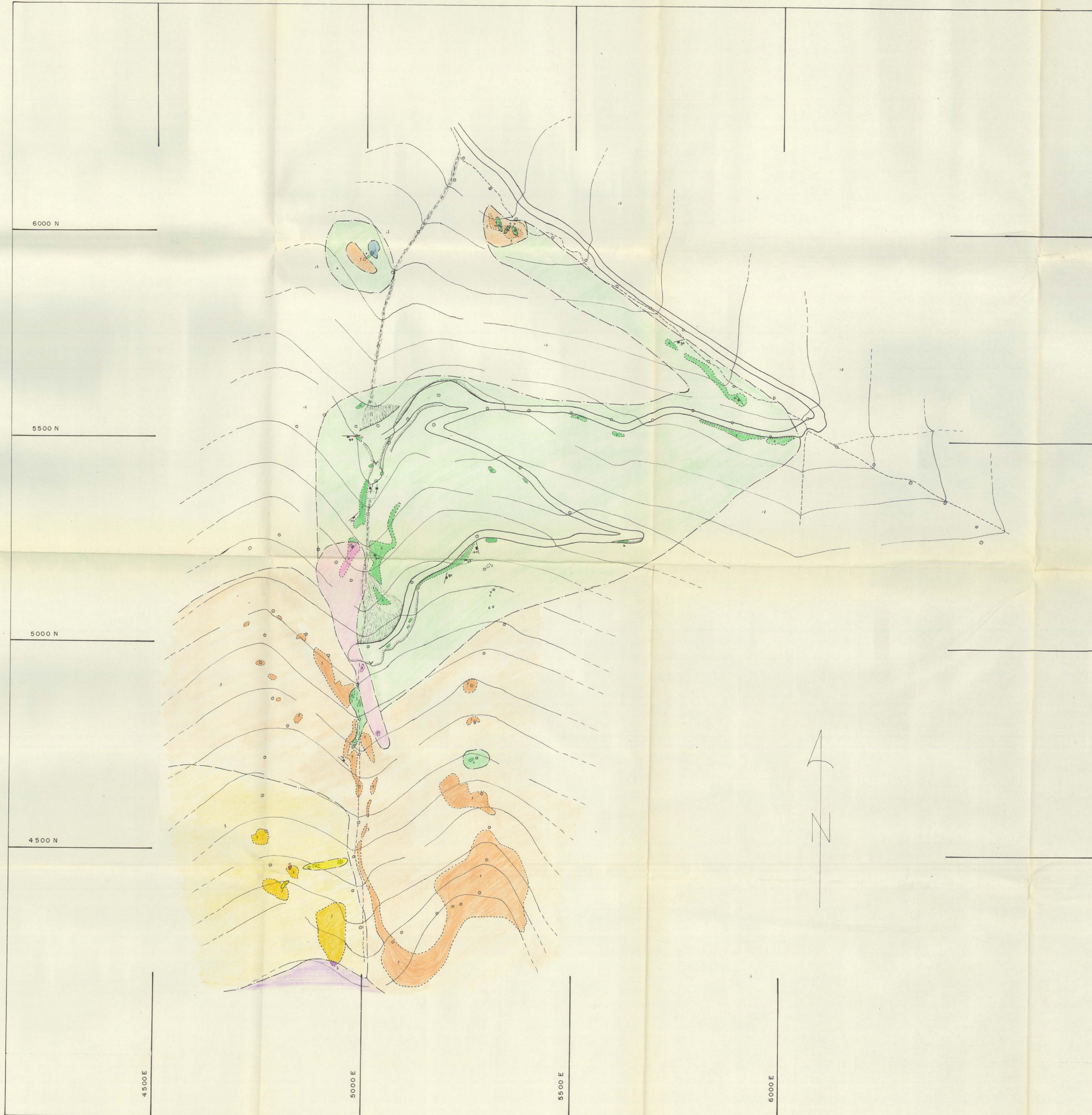
BRUNTON COMPASS & CHAIN SURVEY
TO SHOW
DETAILED GEOLOGY & TOPOGRAPHY
OF
ADIT PORTAL AREA
ON THE
LEADER & WHEELER CLAIMS
TALLY-HO MTN. PROJECT
WHEATON RIVER AREA
WHITEHORSE DISTRICT, YUKON T.
SCALE: 1" = 100'

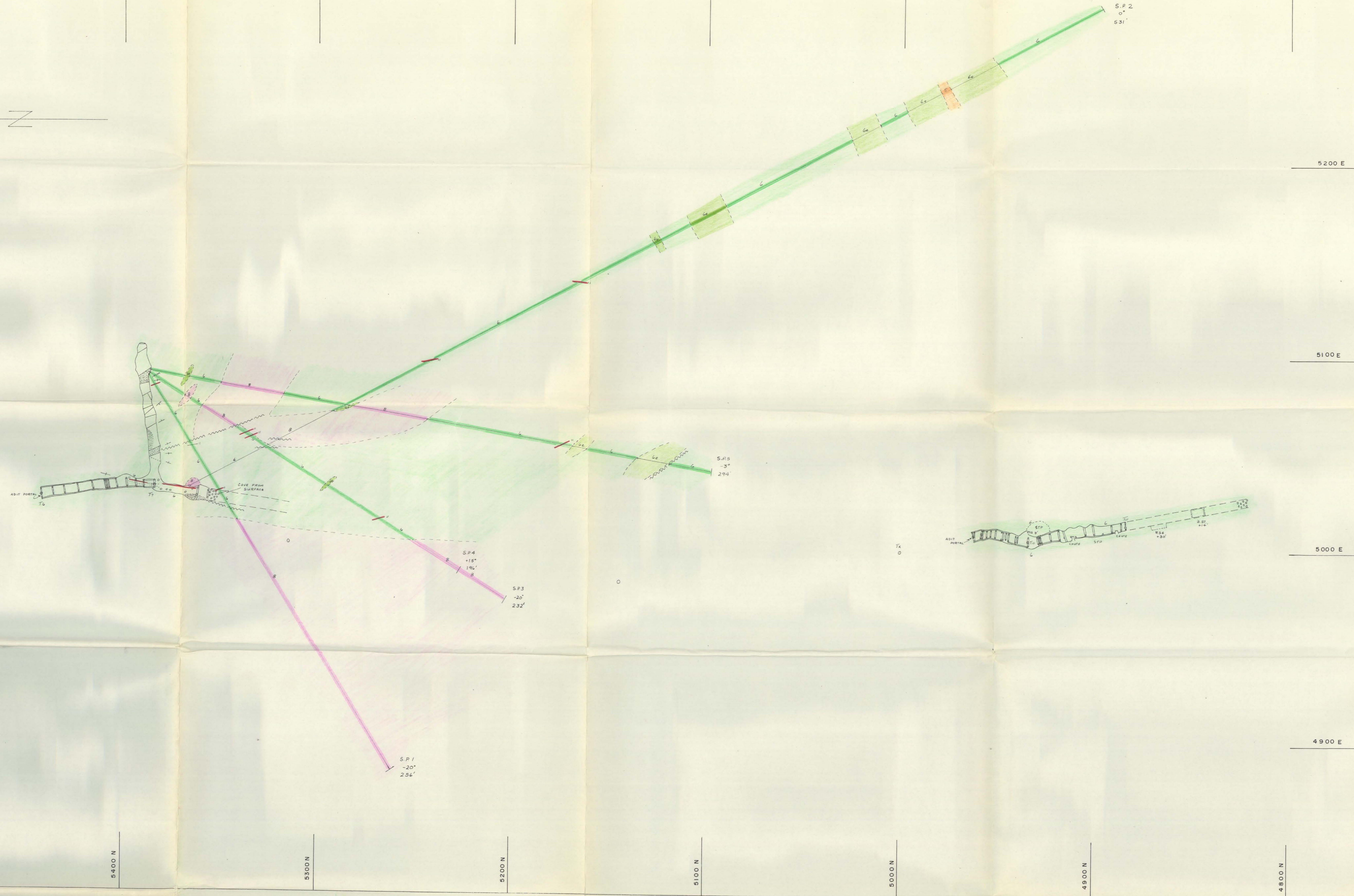
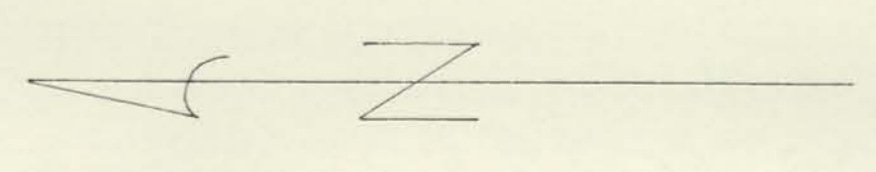
LEGEND

- 12 Gravels
- IGNEOUS
- 1 Quartz & calcite vein or lense
- 8 Granite: white-pink, med. grained
- 6 Granodiorite: med. grained, green altered
- 5 Granodiorite: coarse grained, white grey
- SEDIMENTS
- 4 Quartzite: fine grained, massive, grey
- 3 Argillaceous siltstone: finely laminated, locally massive, green-grey
- 2 Limestone: finely laminated, buff cream
- VOLCANICS
- 1 Interflows of dacite, rhyolite and limestone

SYMBOLS

- Jointing or minor shear zone
- Geological contact assumed
- Outcrop area
- Contour lines
- - - Contour lines assumed
- - - Stream
- Survey station
- Glory hole
- ∩ Adit portal
- Cliff
- Muck





MAP NO. 7

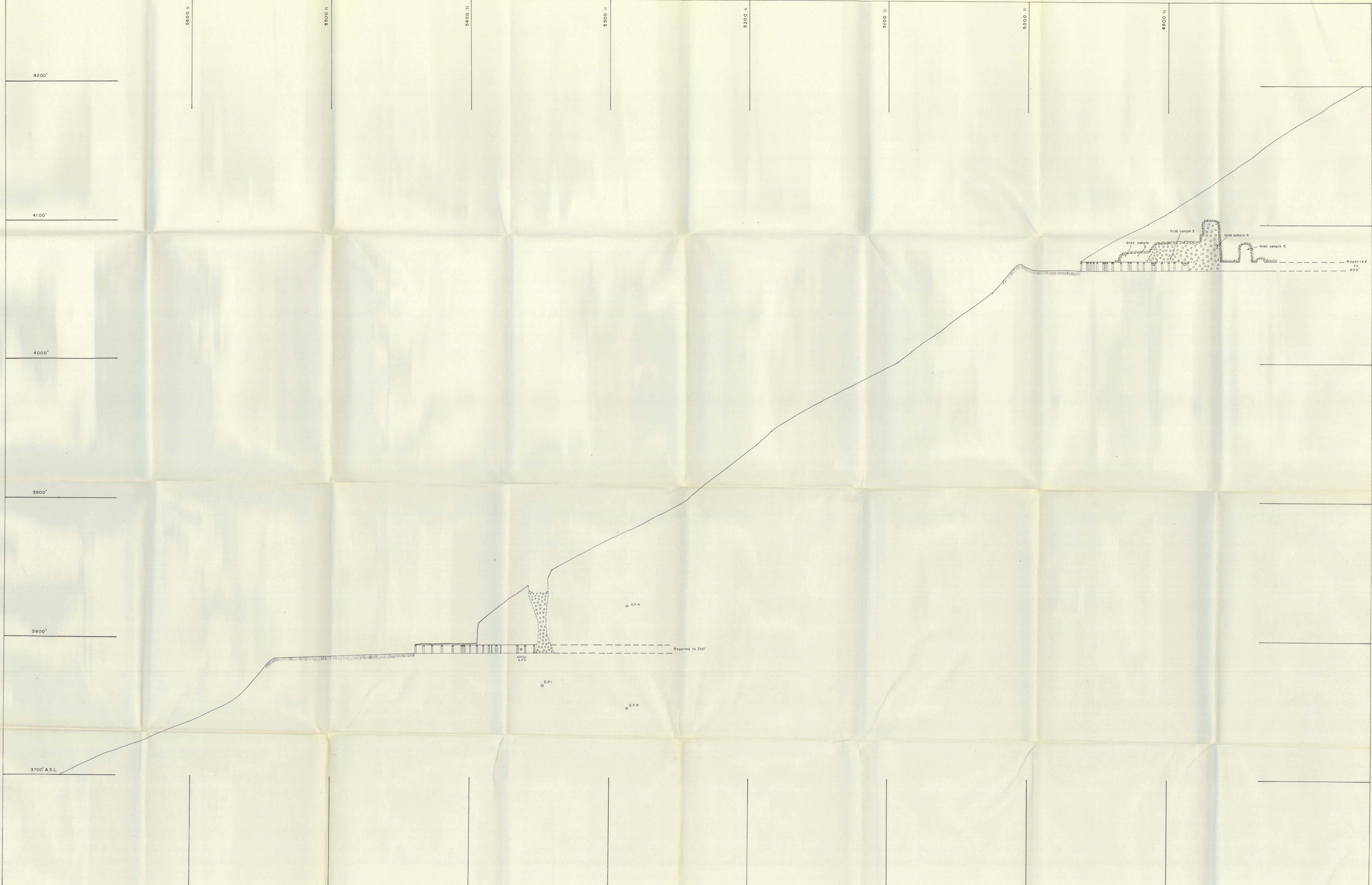
PLAN OF UNDERGROUND WORKINGS, D.D.H., & SUBSURFACE GEOLOGY PROJECTED TO 3800' LEVEL
 TALLY-HO PROJECT
 WHEATON RIVER AREA
 WHITEHORSE DISTRICT, YUKON T.
 SCALE: 1" = 20'

LEGEND

- IGNEOUS
- Quartz and calcite vein or lense
 - Granite: white-pink, med. grained
 - Granodiorite: coarse grained, porphyritic with lath shaped mafic(hb)phenocrysts
 - Granodiorite: med. grained, green altered
 - Granodiorite: with 5-20% epidotization or dacitic inclusions
 - Granodiorite: coarse-grained, white-grey

SYMBOLS

- Strike and dip of quartz or calcite stringer
- Quartz or calcite vein
- Fault zone
- Fracture and gouge zone
- Underground d.d.h.
- Cave in back
- Pillar
- Timber cap or lagging
- Surface and underground survey stations
- Geological contacts on d.d.holes
- Geological contact assumed
- R.S.E. Raise
- B.S.T.P. Box stope
- S.T.P. Stope
- ELEV. Elevation in feet above sea level



SECTION TO SHOW ADIT WORKINGS & UNDERGROUND DEVELOPMENT
 TALLY-HO PROJECT
 WHEATON RIVER AREA
 WHITEHORSE DISTRICT, YUKON T.
 SCALE: 1" = 20'

- SYMBOLS**
- Cap
 - ⌈ Timber
 - Intersection of D.D.H. and section plane
 - ███ Muck pile
 - ⊠ Loose rock
 - ▽ Chute
 - /// Back of slope