(B.) Legal description — Sec. 14. - T. 28 N. - R. 25 W. Claim located in about E. 1/2 of Sec. 14. — Sec. 14. Property of Flathead National Forest Service. (Refer to Sketches no. 1 and 2.

Metes and bounds — 1500 ft. East and Westerly. 600 ft. North and Southerly. All lines blazed on trees. All corners marked as to cardinal points as required.
Contains App. 20 Acres.
There are no parts of this claim that would not be subject to Government royalty.
Book and Page number of Claim as follows:
Book 431 of Lode Locations on page 883. Records of Flathead County, Montana — City of Kalispell.

Names of this Claim:

Blue Grouse.

or as shown on location notice — Blue Grouse with the words — Quartz Lode Mining Claim, that are printed on the blanks, following.

(c.) not applicable.

ITEM. III.

Refer to sketches no. 2. and no. 3.
When I discovered the Claim on Sept. 27, 1960 the old tunnel, which I have shown on sketch no. 2. was as it is to-day, badly caved in at the entrance. Originally it had been timbered in about 10 ft. this is all caved in, only a hole large enough for a man to crawl in is showing now. Inside it is fairly well preserved, about 7 ft. high, 5 ft. wide and 27 ft. in from the cave-in. It had been started on a quartz vein about 18" wide, a short distance past the old showing it appears to leave the vein going to the left about 10°.
It is the opinion of the Geologist, Willis Johns, that a small stringer was followed here possibly bearing some gold.
About 50 ft. above the old tunnel two more veins of quartz show. One is the same on which the old tunnel is located, the other to the left is a spur from this vein, it appears. (Sketch no. 2. described as present workings.)

Page IV.

A small amount of digging had been done here. About 3 ft. dug out. Possibly in the 1930's.

(B.) I started my work here and drove in to a distance of 12 ft. taking the top all the way as the quartz outcrops a good deal of the way over to the deep vein.

I, also, made the small cut 4'X4'X6' on the deep vein as shown in sketch no. 2.

(C.) To my knowlidge there has never been any production from this claim. I can find no history of the claim, or anyone who has ever seen the old tunnel before I located it. There are no other hard rock diggings in this area. There are old placer diggings on Herring Creek and its branches a mile or so below. Old Timers have told me this work was done by Chinamen in the 1880's.

(D.) (Refer to copy's no. 2 and no. 3.)

Assay no. 2. was taken from 8 ft. in
The sample of Willis Johns 10 ft. in
Assay no. 1 from 12 ft in where
I stopped digging when I got snowed out last fall.

(Refer to sketches No. 1 and No. 2.)

The claim is mostly covered with scrub timber, larch, fir and lodge pole pine a small strip running North and South, where the quartz veins show, is bare. The hill, on the East end of the claim, shown on sketch No. 2. appears to be a break-off or has slid from the ridge to the north causing the deep break, which shows on sketch No. 2.

(F.) I am relying a great deal upon the opinion of the Geologist Willis M. Johns (Refer to Copy No. 2.) and of the opinion of a Mr. Waino Lindbom, operator of a silver mine about 20 miles South East of my property. Mr. Lindbom is a qualified miner of long experience and says the quartz on my claim is of fine quality for gold and silver (Refer to Copy No. 3 for assay.) about 1916 a forest service worker was reported to have found a piece of quartz in this area that assayed over $26,000 gold to the Ton. I talked to this man a number of years ago. He told me he found the quartz in what I describe as the deep break

(sketch no. 2.) and that it was a small piece of quartz with bug holes filled with wires and strings of gold. Old Timers, also, tell of a man named Foster who brought gold out of this area around 1900. I have known several of them who claimed to have seen some of "Fosters" gold, that it was coarse, unwashed vein stuff. I have no proof to these stories at all and I am only giving them for what they are worth.

(d.) (Refer to Copy No. 2.)

ITEM IV.

(A.) The O.M.E. representative could meet me any place agreed upon in Kalispell, Mont. to examine the property, which is located 28 miles West of Kalispell. After the snow leaves, about the first of April, a car can get to about ½ mile of the claim. From there he would have to walk in by trail.

(B.) Kalispell, Montana — 28 miles.

ITEM V.

(A.) (Refer to sketches No. 3 and No. 4.)
(Refer to Copy No. 2. Geologic description.)
(Refer to sketches No. 1 and No. 2. for boundaries and identifiable corner.

page VII.

(B.) Unless the ore from the explorations show good enough to be saleable, I hadn't planned on a road to the property. I have word from the Flathead National Forest Service that a right-of-way would be granted on application when or if I decide to build one. Sketch No. 1 shows two routes a road could be put in. A bulldozer could do either route in two days time. I beleive the North route would be the best.

(C.) If a O.M.E. contract is executed I could start work April 15, 1962 and be finished around Oct. 15, 1962. (6 months time) Based on the progress of the work I have done and the estimates of several experienced miners I have talked to I think 10 cu. ft. per day for the six months time would be average.

ITEM VI.

(A.) Outside of the work which I have done on this claim my hard rock mining has been rather limited. I am 53 years old and have lived near Kalispell since 1912. I am classed as an experienced woodsman and mountain man - logger, trapper, guide packer and have worked on construction work, mountain road building, trails etc. I learned

how to use dynamite on these jobs and have had a good deal of experience with powder. I have done some placer mining and have studied some on mineralogy.
There are a number of people around Kalispell who have claims and mines and I have had some experience helping them. I would have to supervise the work.

ITEM VII.

(Refer to sketches No. 3 and No. 4.)

Project No. 1 – A cut 5'x20'x estimated average of 12' high – plus some necessary sloping on the up hill side would amount to about 1300 cu. ft. Based on the experience that I have already had on this cut and the opinion of experienced miners, who have estimated it for me, with hand drills, hammer and wheelbarrow it would cost $2.00 to $3.50 per cu. ft. to cut this out and examine the rock as taken out.

Project No. 2. – Cut 8'x6'x5' on 50% grade would be about 120 cu. ft. at $2.00 per. cu. ft.

Cost of project No. 1 ——	$3,500.00
Cost of project No. 2. ——	240.00
	$3,740.00
Powder, caps and fuse – both projects	100.00
Wheel barrow, small tools, shovels etc.	50.00
assays at $5.00 per week	125.00
	$4,115.00

(Cost by day on next page)

Part ~~IX~~

(A.) Not applicable.

(B.) I dont believe there would be any cost for supervision, engineering or outside consultants. I would like to hire one man to help me with the drilling and mucking for about 3 months.

I have been unable to find the exact scale of miners wages for Montana, the State Employment Office seems to have it from $16.00 to $21.00 per day plus some bonus. At the close of High School - June 1st. I could hire my son to help me during vacation.

Myself at $20.00 per day for 6 mo. —	$2,800.00
helper at $16.00 per day for 3 mo. —	1,050.00
	$3,850.00
Powder $90.00, caps and fuse $10.00 —	100.
Wheel barrow $30.00 small tools $20.00 —	50.
Assays at $5.00 per week —	125.
	$4,125.00

(C.)

I would need about $100.00 worth of powder caps and fuse a wheelbarrow and a few small tools at a cost of about $50.00 - Total $150.00 I have an assortment of hand drills, hammers, shovels etc. but would need a few new ones, shovels a drill etc.

Page 7/

(D.) not applicable.

(E.) not applicable.

(F.) not. applicable.

(G.) Analytical work about $5.00 per week - $125.00

I would like to send some samples away for assay at least once a week. I do testing for silver with the Nitric Acid - Hydrochloric acid method as I go in with the digging.

As to workmen's compensation and employees' liability insurance and other required costs, I no doubt would have to have some advice on this and do it as the laws require.

I realize some parts of my sketches are out of proportion such as veins, adits etc. I can only hope they are satisfactory.

Glen Bauska

February 6, 1962.

On the above date I visited the Conrad National Bank, in person, and applied for a loan or credit of $2 000.00 for exploration or development work on my mineral claim, to be paid back at the end of six months time, with standard rate of interest 6 to 8 %.

Mr. E. W. Iverson explained, to me, that the Bank was unable to give me any financial help of this kind.

Copy No. 1

Glen Bauska

Glen Bauska

Copy no. 2.

The attached copy of "Geologic description of the Blue Grouse property" was made for me by Willis M. Johns, Geologist for the Montana Bureau of Mines and Geology, who visited the property early last fall (1961.)

Mr. Johns, in his opinion to me, stated that the spur vein (sketch no. 3) on which I was working showed a good possibility of being gold and silver bearing quartz, especially up close at the intersection of the deep vein that it branches from.

According to him this would be a better way to test the deep vein rather than on the small 4'X4'X6' pit which I have started (sketch no. 2) from below.

He, also, suggested sinking the test hole on the 36" vein as I have shown on sketch no. 4.

Mr. Johns has, in the last three years, been mapping and investigating all of north west Montana for the Bureau of mines and Geology and was very enthusiastic about the metadiorite dykes on the claims north (sketch no. 1) as these are the first he has discovered east of near the Idaho line, where some silver mines are located. I believe the old tunnel to be much older than estimated by Mr. Johns.

Glen Bauska

GEOLOGIC DESCRIPTION OF THE BLUE GROUSE PROPERTY

The Blue Grouse property, located in the E 1/2 sec. 14, T. 28N. R. 25 W. is located adjacent to and on the east side of the North Fork of Herring creek about 3 1/2 miles north of Little Bitterroot Lake in the Pleasant Valley quadrangle. The property includes four claims staked by Glen, Lester, Manuel Bauska and Neil Graham. These unpatented claims were relocated in Sept. 1960 and in July 1961. The side lines trend east west, the end lines of the claims north-south.

On the Glen Bauska claim, development work includes a 27- foot adit possibly driven in the 1930's a 10'X 6' X 5' and a 4' X 6' X 4' pit.

On the other three claims in the N 1/2 sec. 14, several smaller pits were excavated on three narrow near- parallel quartz veins (with easter trend), near several east- striking vertical (?) metadiorite dikes. The dikes are believed to be about 20 ft. wide. An anticlinal axis is located about 1/10 mile west of the dikes and quartz veins. The trace of the anticlinal axis trends slightly west of north-south, and it is believed the dikes and veins occupy tension faults related to folding stresses.

The quartz veins contain magnetite, iron oxides, sericite, and chlorite (?). Iron oxides are usually found in vugs. Some selected samples of vein quartz assayed 3 oz. silver to ton. The silver mineralization in the vein appears to be spotty and usually found in vugs. FROM BLUE GROUSE.

At the main workings (Glen Bauska) claim two quartz veins 18 to 24 in. wide occur in a banded blue grayblotized and medium-bedded argillite and and a very light-gray fine grained magnetite-bearing quartzite and argillaceous quartzite. The workings are believed to be in or near the contact zone between the Prichard formation and Ravalli group.

South of the main workings, a (plus) 36 inch undeveloped quartz vein trending easter crosses the trail to the diggings.

(I) The following assay from chips off whole face of quartz vein. Only one piece about 1/100 of assay showed gold. There were no vugs in assay.

Report of assay from Black Hills Ore Research Laboratories. – Nov. 13, 1961.
Rapid City So. Dak.

GOLD. PER TON. TROY OUNCES.	VALUE.	SILVER. PER TON. TROY OUNCES.	VALUE.
0.02	$0.70.	0.05	$0.045.

FOUND:

Largely quartz with some indication of copper mineralization and sample appears to be a possible gold ore.

(II) The following assay from chips across and 6 in. wide of quartz vein. No vugs.

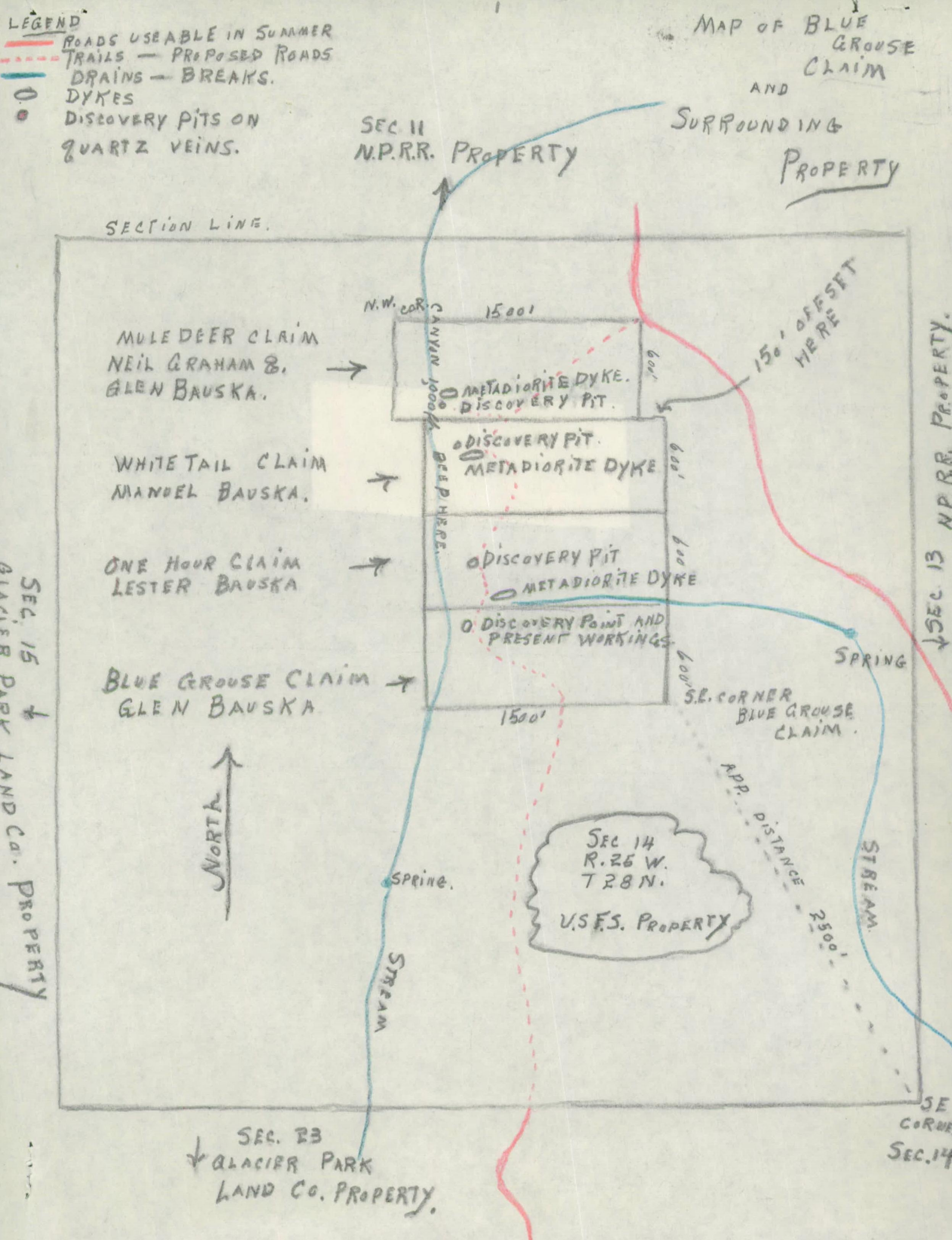
Report of assay from – Goodall Brothers
Sept. 15, 1961. Helena, Mont.

GOLD.	SILVER OUNCES.	VALUE.
TRACE	0.2	0.18.

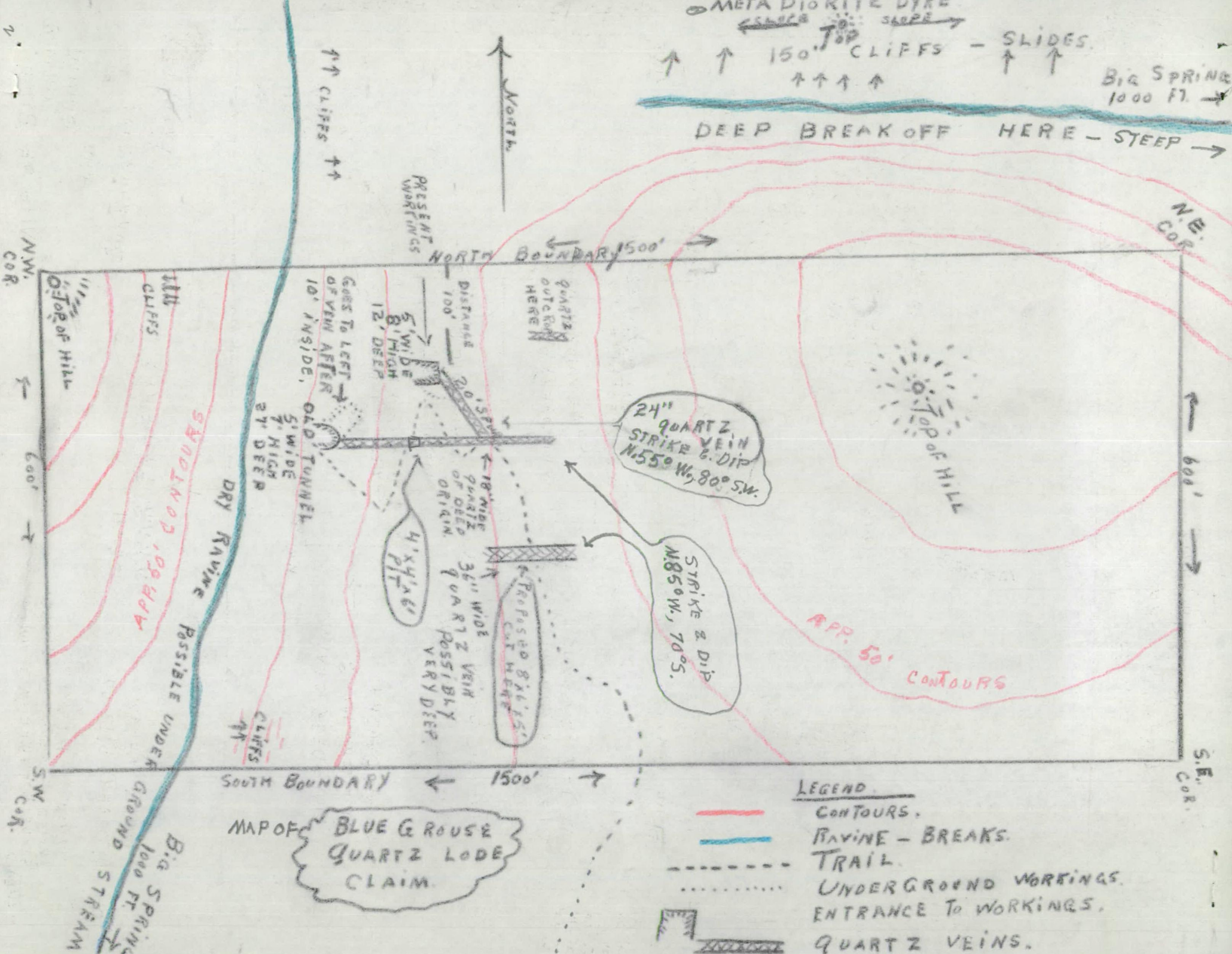
Copy No. 3.

Glen Baiska

Sketch no. 1.


LEGEND
ROADS USEABLE IN SUMMER
TRAILS — PROPOSED ROADS
DRAINS — BREAKS.
DYKES
DISCOVERY PITS ON QUARTZ VEINS.
MAP OF BLUE GROUSE CLAIM AND SURROUNDING PROPERTY
SEC 11 N.P.R.R. PROPERTY
SECTION LINE.
N.W. COR.
1500'
CANYON
1000'
DEEP HERE.
600'
METADIORITE DYKE.
DISCOVERY PIT.
15' OFFSET HERE
MULE DEER CLAIM
NEIL GRAHAM & GLEN BAUSKA.
WHITE TAIL CLAIM
MANUEL BAUSKA.
ONE HOUR CLAIM
LESTER BAUSKA
BLUE GROUSE CLAIM
GLEN BAUSKA
DISCOVERY PIT
METADIORITE DYKE
DISCOVERY PIT
METADIORITE DYKE
DISCOVERY POINT AND PRESENT WORKINGS.
1500'
S.E. CORNER BLUE GROUSE CLAIM.
SPRING
APP. DISTANCE 2500'
STREAM
SEC 14 R.26 W. T28N.
U.S.F.S. PROPERTY
SPRING.
STREAM
NORTH
SEC. 13 N.P.R.R. PROPERTY.
SEC. 15 GLACIER PARK LAND CO. PROPERTY
SEC. 23 GLACIER PARK LAND CO. PROPERTY.
SE CORN SEC. 14

Sketch No. 2.


META DIORITE DYKE
SLOPE
TOP
SLOPE
150' CLIFFS - SLIDES.
BIG SPRING 1000 FT.
DEEP BREAK OFF HERE - STEEP
CLIFFS
NORTH
PRESENT WORKINGS
NORTH BOUNDARY 1500'
N.E. COR.
N.W. COR.
DISTANCE 100'
QUARTZ OUTCROP HERE
GOES TO LEFT OF VEIN AFTER 10' INSIDE.
5' WIDE 8' HIGH 12' DEEP
20' SPUR
24" QUARTZ VEIN STRIKE & DIP N.55° W., 80° S.W.
TOP OF HILL
TOP OF HILL
CLIFFS
OLD TUNNEL 5' WIDE 7' HIGH 27' DEEP
18" WIDE QUARTZ OF DEEP ORIGIN.
4'x4'x6' PIT
36" WIDE QUARTZ VEIN POSSIBLY VERY DEEP.
PROPOSED 8'x6'x5' CUT HERE
STRIKE & DIP N.85° W., 70° S.
APP. 50' CONTOURS
APP. 60' CONTOURS
600'
600'
DRY RAVINE
POSSIBLE UNDER GROUND STREAM
CLIFFS
SOUTH BOUNDARY 1500'
S.W. COR.
S.E. COR.
BIG SPRING 1000 FT.
MAP OF BLUE GROUSE QUARTZ LODE CLAIM.
LEGEND.
CONTOURS.
RAVINE - BREAKS.
TRAIL.
UNDERGROUND WORKINGS.
ENTRANCE TO WORKINGS.
QUARTZ VEINS.

SOLID RED LINE INDICATES PROPOSED CUT TO BE MADE.

RED JUMP LINE REPRESENTS QUARTZ BACK OF HILLSIDE FACE.

SHADED BLUE - COUNTRY ROCK TO BE MOVED.

MAP OF MAIN PROJECT.

NORTH

SLOPING TO BE DONE HERE.

40 TO 50% GRADE

5' OUTCROPPINGS OF QUARTZ - HERE -

20' TO INTERSECTION OF DEEP VEIN

2' COUNTRY ROCK ABOVE VEIN HERE

100' FROM WORKINGS TO NORTH BOUNDARY OF CLAIM

500' TO WEST BOUNDARY

SMALL AMOUNTS OF NATIVE SILVER FOUND IN SOME VUGS.

VUGS FOUND THROUGH VEIN

SMALL DENDRITIC SHAPES OF BLACK, BROWN AND COPPER COLORS ON MUCH OF THE QUARTZ.

FLECKS OR SCALES OF GOLD HERE.

COPPER STAIN &

MAGNITITE.

Sketch No. 3

ABOUT 20' THRU TO INTERSECTION AT BOTTOM OF SPUR FROM OUTSIDE.

APP. 18' HIGH WHERE SPUR INTERSECTS.

FACE OF PIT OR CUT 14' IN FROM DUMP.

DUMP

COUNTRY ROCK PRECAMBRIAN RAVALLI QUARTZITE.

1' WHITE RUSTY QUARTZ ON VEIN FOOT WALL

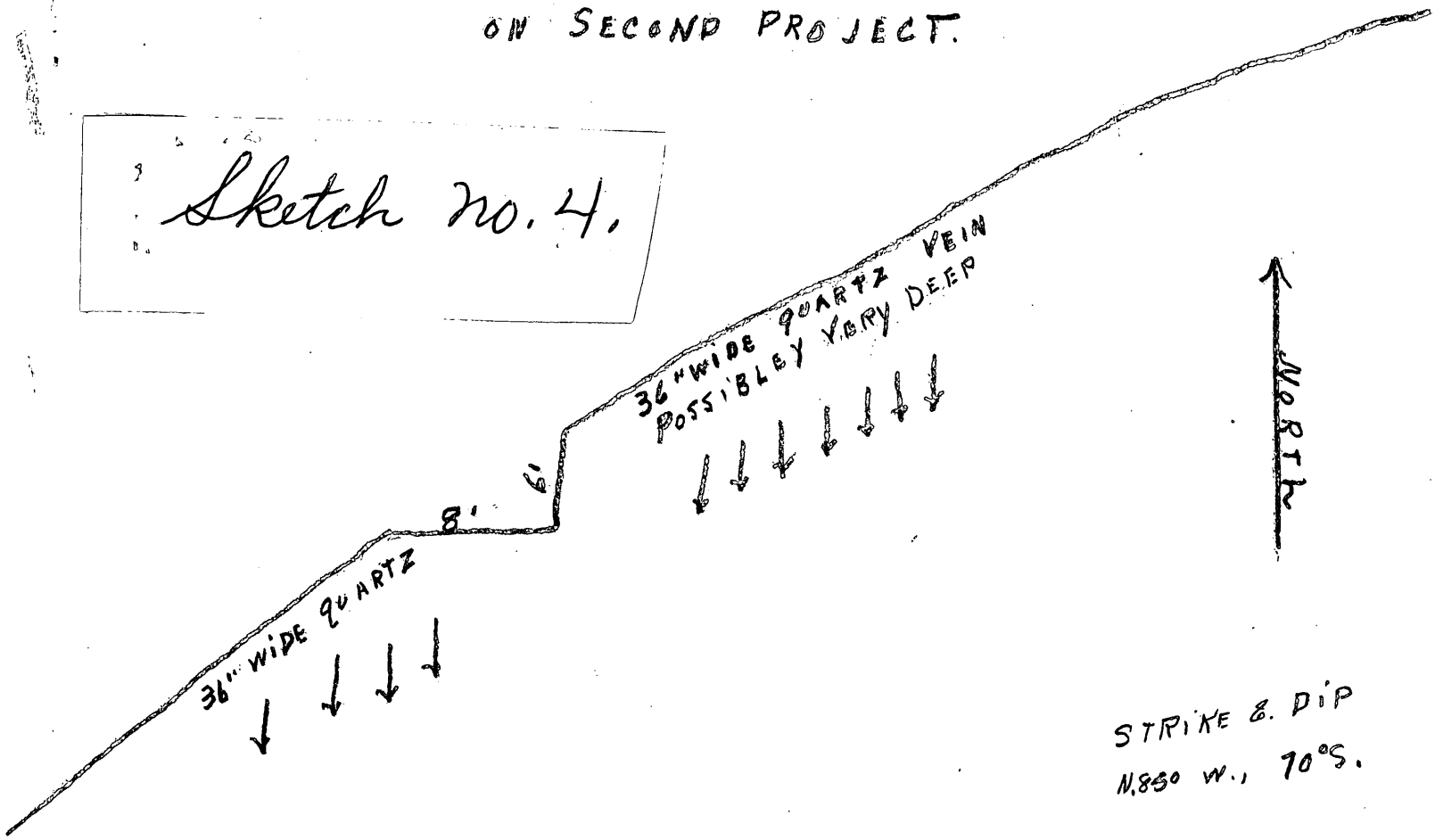
DARK QUARTZ ON HANGING WALL

24"

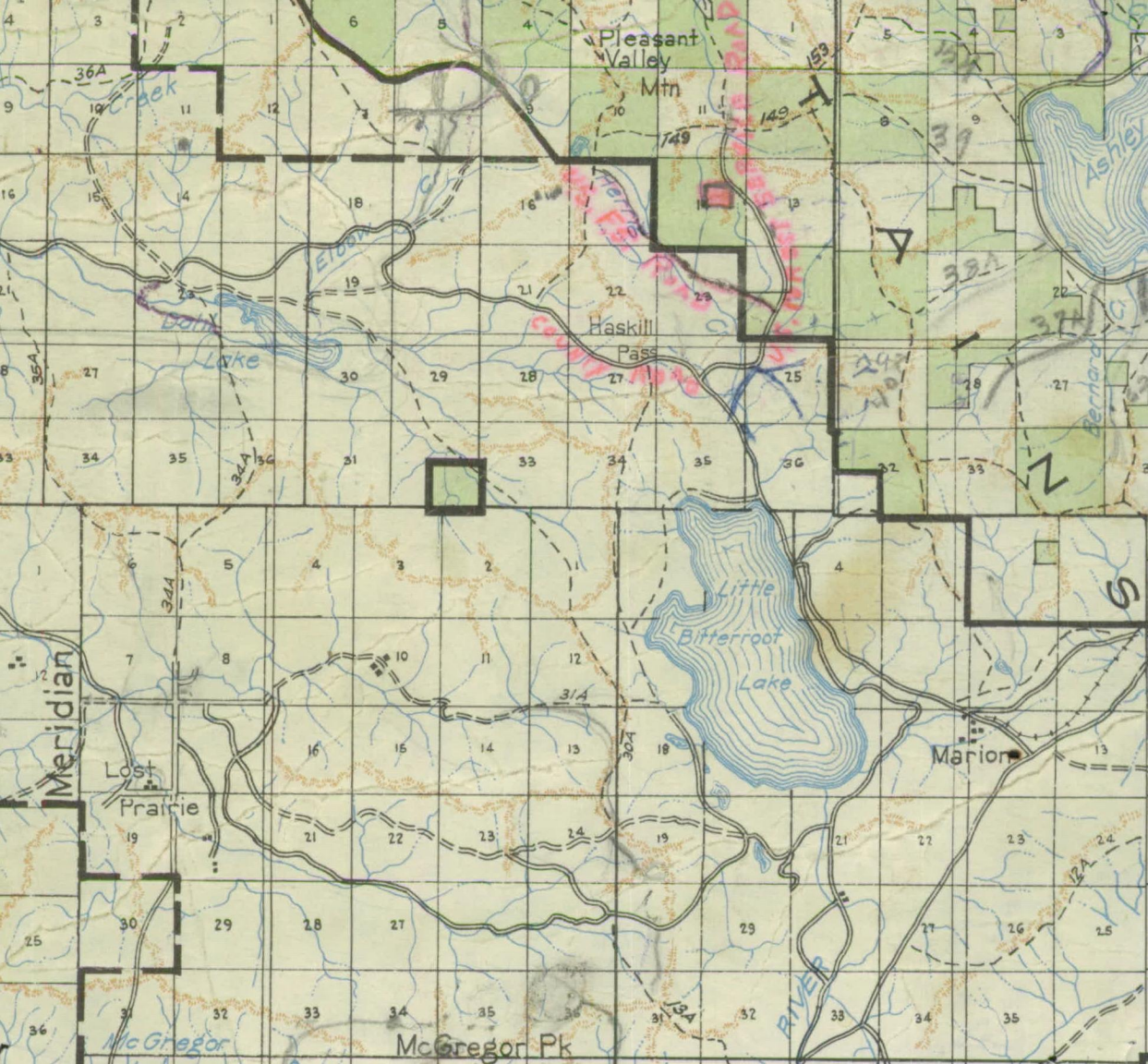
SOLID, FLAT FLOOR UNDER VEIN SLOPING IN ABOUT 8%.

SIDE VIEW OF PROPOSED WORK ON SECOND PROJECT.

Sketch no. 4.



This would simply be a side hill cut into the quartz vein 8 ft in 6' high and 5' wide for sampling. Location of this quartz vein is shown on sketch no. 1.


Pleasant Valley Mtn
Creek
Elbow Cr
Lake
Haskill Pass
Ashley
Bernard Cr
Little Bitterroot Lake
Marion
Meridian
Lost Prairie
McGregor
McGregor Pk
RIVER
T
R
N
S