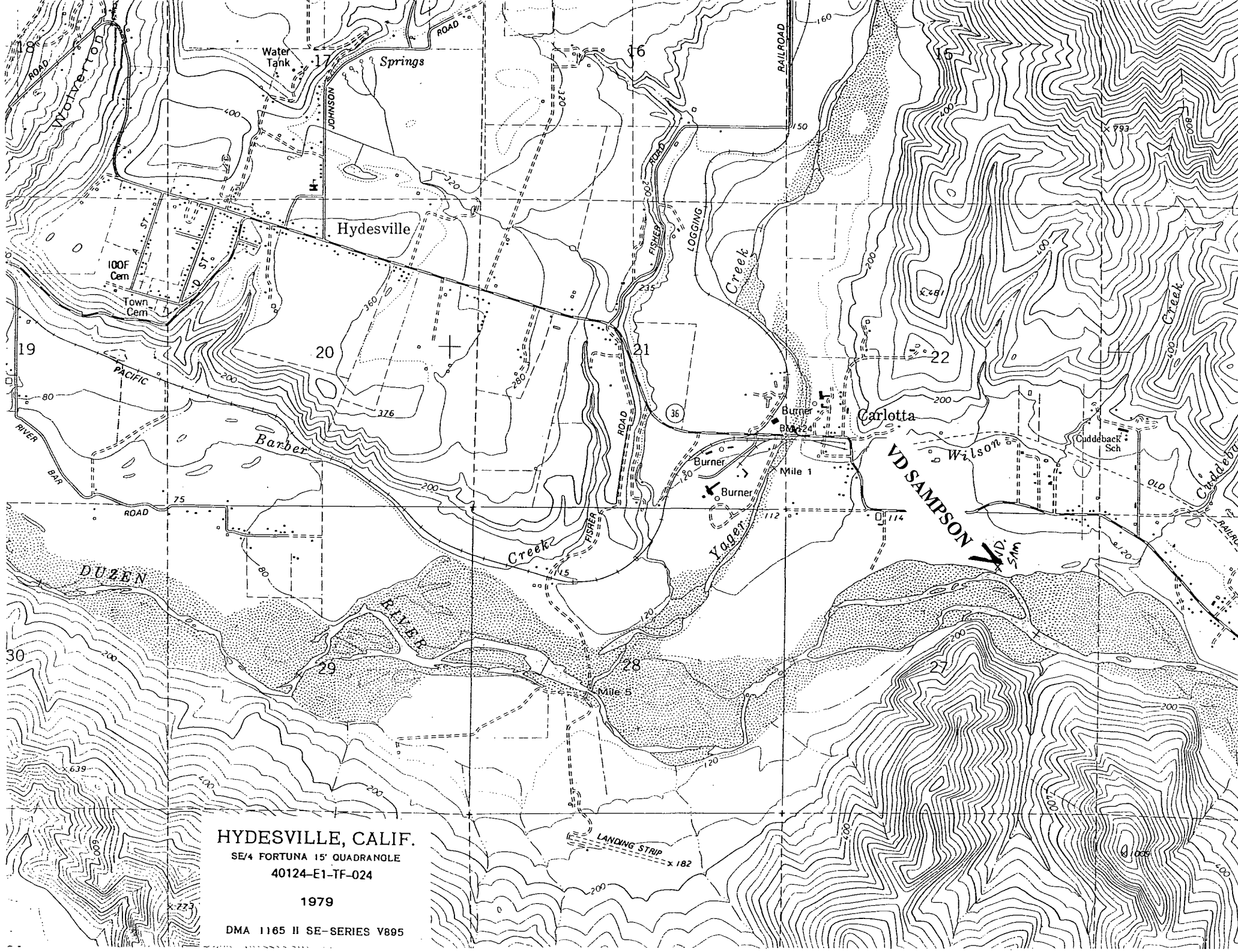


MCWHINNEY CRK 7.5' QUAD



HYDESVILLE, CALIF.
SE/4 FORTUNA 15' QUADRANGLE
40124-E1-TF-024
1979
DMA 1165 II SE-SERIES V895

Salmon Forever / Watershed Watch Grab Sampling Locations 5-01

Sampling Station Creek and Name:

Bull Creek

BULL Bull Creek at Mattole Rd. (F3D010) PM xx
COW Cow Creek at Mattole Rd. (F3D010) PM xx
CALF Calf Creek at Mattole Rd. (F3D010) PM xx

Beith Creek

BET1 Beith Creek 100 yards upstream of Golf Course Road (C4K260)
BET2 Beith Creek at Sunny Brae Middle School / Wooden bridge
BET3 Beith Creek downstream of Old Arcata Road (F3K300) / box culvert

N. Fork Elk River:

NFELK N.Fork Elk River at Elk River Road Bridge (3J305) PM3.38 Br.# 4C-57
KRW N. Fork Elk River at 2550 Wrigley Road (3J315) at Ag. pump intake

S. Fork Elk River:

SFMRB S. Fork Elk River at 8050 Elk River Road (3J305)
SFELK S. Fork Elk River at Jones Prairie Bridge
Clapp Gulch
RR Gulch
LSFELK
SFELK Parking Lot #1 BLM Parking Lot/Elk River Trailhead - Iron Bridge
SFELK Iron Bridge BLM Parking Lot - Iron Bridge
SFELK Big Stump
SFELKA1 , SFELKA2, SFELKC, SFELKD, SFELKE, SFELK#2, SFELK#3, SFELK#4, SFELK#5, SFELK#6, SFELK#7, SFELK#7A, SFELK7.5, SFELK7B,
SFELK#8, SFELK8A, SFELK8B, SFELK#9, SFELK9A, SFELK9B, SFELK#10, SFELK#11, SFELK#12, ELK#13, SFELK13.5, ELK#14, ELK#16, ELK#17,
ELK#17b, ELK#15, ELK#18, ELK#20, ELK#21, SFELK#28, SFELK#29, Little SF Bridge, LSFELK#1, LSFELK dip water bar, LSFELK#2, LSFELK Tule grass,
LLSFELK, SFELK#22, LSFELKO.G., LLSF Pipe, LSFOG, LLSFELK Tule Grass, LSFELK Trib, LSFELK DITCH #25, LSFELK CV #24

Station 18 2.2 mi from Elk River trailhead
Station 22/ South Fork Bridge 3.1 mi from the Elk River trailhead
Station 26 / Little South Fork Bridge 3.7 mi from the Elk River trailhead
Station 28.5 / Pulled Bridge 5 mi from Elk River Trailhead
Station 29 / LSFELK OG approx. 6 mi from Elk River Trailhead

Freshwater Creek:

FTR Freshwater Creek at 120 Pacific Lumber Camp Road (4J070) Freshwater Ca
GG Graham Gulch at Pacific Lumber Camp Road (4J070) PM 0.1
CL Cloney Gulch at Freshwater Rd. (F6F060) PM 37.99
MC McCready Gulch at Freshwater Rd. (F6F060) PM 38.60
PARK Freshwater Creek at Freshwater Pool Road (4J060) PM 0.03 Bridge # 4C-0136
HH Freshwater Creek at Howard Heights Road Bridge (4J010) PM 0.01 Br. # 4C-49

Grotzman Creek:

GRTZ1 Grotzman Creek at top of Beverly Dr – Arcata Ca.
GRTZ2 Grotzman Creek N Trib at Beverly Way – Arcata Ca
GRTZ3 Grotzman Creek just downstream of Shirley Dr.
GRTZ4 Grotzman Creek at Old Arcata Road (F3K300) & Buttermilk Dr. – upstream / park
GRTZ5 Grotzman Creek downstream Old Arcata Road (F3K300) / apartment pk. lot. / box clvrt

Jacoby Creek:

OAR Jacoby Creek at Old Arcata Road Bridge/Old Arcata Rd. (F3K300) PM 7.49 Bridge # 4C-0182
BW Jacoby Creek. at Brookwood Bridge # 4C-0124 At Brookwood Dr. (4K250) PM 0.12
SQR Jacoby Creek at South Quarry Rd. Bridge (4K240) PM 0.05 Bridge # 4C-0006
MOR Morrison Gulch at South Quarry Rd. (4K250) PM XX
MM1.20 Tributary at Jacoby Creek Rd. (4K230) PM 1.20
MM1.65 ~~Jacoby Creek~~ at Jacoby Creek Rd. (4K230) PM1.65 **STEEP?**
SNAG Snag Creek at Jacoby Creek Rd PM XX - 3.3 miles east of Old Arcata Road
ERIC Eric Creek at Eric Lane PM xx - 3.5 miles east of Old Arcata Road
REBEL 1 Rebel Creek at Upper Creek Road off Jacoby Creek Road (4K230)
REBEL 2 Rebel Creek at Jacoby Creek Road (4K230)

Jolly Giant Creek

JGC 20 feet upstream of footbridge above HSU Dorms

Little River

LRA Little River at HWY 101 bridge e-side
LR Little River at Crannell Rd. (4M300) PM xx (Cow Corner) 2 mi. E of L. R. Rd.
DC1 Driver Creek at Driver Rd. (4N020) PM xx
DC2 Driver Creek at Driver Rd. (4N020) PM xx
DC3 Driver Creek at Driver Rd. (4N020) PM xx

Redwood Creek

Windy Creek Windy Creek

South Fork Eel:

STZ Stitz Creek at Shively Rd. (C4F012) PM 1.00
Stafford HAULRD Stafford Rd. (4F110) PM XX
Strongs Creek Newberg Rd.(3H115) or Rohnerville Rd(F3G310)

RC Redwood Creek @ Branscomb
DC Dutch Charlie Creek @ Branscomb
JH Jack of Hearts Creek @ Branscomb

Redwood Creek at Seely Creek

Deer Creek
Red Creek
BHS
Briceland
SPC#A
Seely Creek
Amos
JYS
Junkyard Seely
Bill's Hill

South Fork Trinity

SFT#1, SFT#2, SFT#3, SFT#4, SFT#5, SFT#6, SFT#7, SFT#8

Van Duzen River:

VDGRIZ
VDSAMPSON
VDHELLY
VDRAINBOW
VDCUMMINGS
VD18.5

Watershed Watch Monitoring Stations
Elk River Locations 5-9-01

Over 29 potential monitoring sites were identified where waters drained to the South Fork Elk River along the trail to Headwaters Forest from the Elk River Trailhead. 5 stations were monitored regularly, concentrating on those with year-round discharges, and those draining from the least altered forested sites.

The main upstream Elk River sampling sites for Hydrologic Year 2001 are:

Station 18 (2.2 miles from Elk River trailhead) is located on a perennial tributary flowing from the north under the trail through a 24" culvert. The forest, from which this tributary drains is mostly early mature forest, harvested most recently in 1994 by shelterwood removal. Grab samples are taken just above straight channel section about 15 yards from road. Stage is measured at the stage gauge about 20 yds up tributary from road. Velocity measurements are taken at straight channel section about 12-15 yards from road.

Station 22/ South Fork Bridge (3.1 miles from the Elk River trailhead) is located downhill of the 3 mile trail sign at the center of the bridge over South Fork Elk River. Most of the 8+ miles of this drainage had not been harvested for more than 11 years (was 96-059 finally cut?) and the forest cover would be considered primarily mid-mature. Grab samples are taken center of bridge on the upstream side, 46' from the south end. Stage is measured from center of upstream edge of bridge. Velocity measurements are taken under center of bridge.

Iron Bridge is located after the 3 -mile bridge site. Stage is measured at center of bridge down to water level, on the upstream side of bridge. The site is between the 3.1 and 4.2 mile marker where trail crosses over the Little South Fork. Downstream of site is large wood blockage with medium sized rocks. Upstream are fallen trees in the stream channel. Site is a wide, deep and free flowing channel.

Station 26 / Little South Fork Bridge (3.7 miles from the trailhead) is located at the center of the bridge over the confluence of the Little South Fork and South Fork Elk River. No timber harvesting has taken place along the approximately 3 miles of this section of the drainage for over 12 years, and the majority of forest is considered mid-mature. Grab samples are taken from the center of the bridge on the upstream side, 20' from the south end. Stage is measured from center of bridge at top of rail. Velocity measurements are taken under the center of the bridge.

Station 28.5 / Pulled Bridge (5 miles from Elk River Trailhead) is located just beyond the 5 Mile trail sign, where the original trail crossed and an iron bridge was pulled from an eastern tributary of Little South Fork Elk River. About 2/3 of this tributary also drains from an entered old growth forest, but the 1/3 close to its confluence with Little south Fork Elk has a 6 year-old clear cut perched within a quarter mile above it. Grab samples are taken from the east end of the straight channel which flows under break in trail where bridge was

pulled. Stage is measured from at both ends of straight 30 foot channel which flows under break in trail where the bridge was pulled. Velocity measurements are taken at the straight channel which flows under break in trail where bridge was pulled.

Station 29 / LSFELK OG (approx. 6 miles from Elk River Trailhead) is located on the Little South Fork Elk River at the northern edge of old growth forest, about 1/8 miles east and downhill from the end of the Elk River Trail. This approximately 3-mile section of Little South Fork Elk with several tributaries drains primarily from old growth which had never been cut. However, a road borders a nearly 2 mile stretch at the headwaters.

The channel length at the sampling site is approximately 30 feet long with an average width of 50 inches. Average low flow stage, at measuring point, is 20 inches. Right bank is bedrock wall with mosses and small plants hanging. Left bank is earthen wall approximately 4.5 feet tall of loose rock. During low flow, a stage less than 27 inches, upper 15 feet of channel on the Left bank shore is large rocks and free of water. At beginning of channel, upstream portion has a cascade that is approximately 4.5 feet in height. Downstream, channel site ends with a riffle and stream channel changes characteristics.

Grab samples are taken 40 yards upstream of where Little South Fork enters southern boundary of a clear cut, marked with pink flags on both sides of channel, upstream of a straight section. Stage is measured from stage gauge about 10 yards upstream from pink flags, or at rock ledge in center of straight section of flagged channel. Stage is measured at narrowest point between extended wood and bedrock wall. See photo. Velocity is measured 40 yards upstream of where Little South Fork enters southern boundary of clear cut, marked with pink flags on both sides of channel, straight section.

VAN Duzen River Locations HY 2001

Sharon Greene

(VD GRIZ) Grizzly Creek is a tributary of the Van Duzen River. Pacific Lumber owns 1,468 acres of Stevens Creek, a tributary of Grizzly. This comprises 30% of the Stevens Creek Watershed, and has seen intensive harvesting since the early ninties. Grizzly Creek runs through Grizzly Creek State Park, and is a Class I Blue line Coho stream. PL owns 1,618 acres of the Grizzly Creek watershed, 22% of the total watershed, and has logged intensively since the early ninties. The ownership is comprised of mainly second growth redwood and Douglas fir that were logged around the 1930's. There are many stands in the watershed slated for clearcuts, as well as even and uneven-aged management. The grab sample and flow and depth site is directly beneath the east side of the Highway 36 bridge which spans Grizzly Creek. Flow is measured from 20' east of the bridge, and depth is taken 2' out from a marker below the east side of the bridge. Depth and flow are measured at the stream

bank and not from the bridge. Marbled murrelets nest in nearby stands of old growth redwood, and Grizzly Creek is a Coho spawning stream. A Marbled Murrelet Conservation Area is under consideration for purchase by the state from monies designated by the legislature in the Headwaters purchase. Grizzly Creek was designated for study in the VDWA.

Grab samples have been taken below Root Creek on the mainstem of the Van Duzen. Root Creek is the next Class I stream down river from Grizzly Creek. Site is marked and sample was taken from streamside. Root Creek is an extensive watershed, and a Class I Coho stream which has been heavily logged, and was designated for study in the WA.

(Cheatam) Grab samples have been taken from the mainstem Van Duzen at Cheatam Grove, twenty yards north of the bridge which connects Humboldt Grove and Cheatam. Cheatam Grove is part of the State Parks System. This area is directly down stream from Blue Slide Creek. Blue Slide has a MWAC located on it and has been recently logged under THP00-HUm067.

Grab samples have been taken on the mainstem of the Van Duzen River at Riverside Park Drive. This station is directly below Hely Creek. It is marked by a point on the cliff across from a logging road. The sequence of creeks which run as tributaries of the Van Duzen are, starting with Grizzly Creek, Grizzly, Root, Blue Slide, Hely, Flanigan, Fox, Cummings.

Flanigan Creek runs beneath Highway 36. Samples have been taken 20' upstream from the mouth of the culvert at Highway 36. A proposed monitoring site is on Jim Johnson's property further upstream. Depth and flow are taken at culvert. This is a small stream, only 8 feet across after 1 inch of rain.

However the turbidity is high due to intensive logging on the watershed during the last ten years, and continued filing of clearcuts.

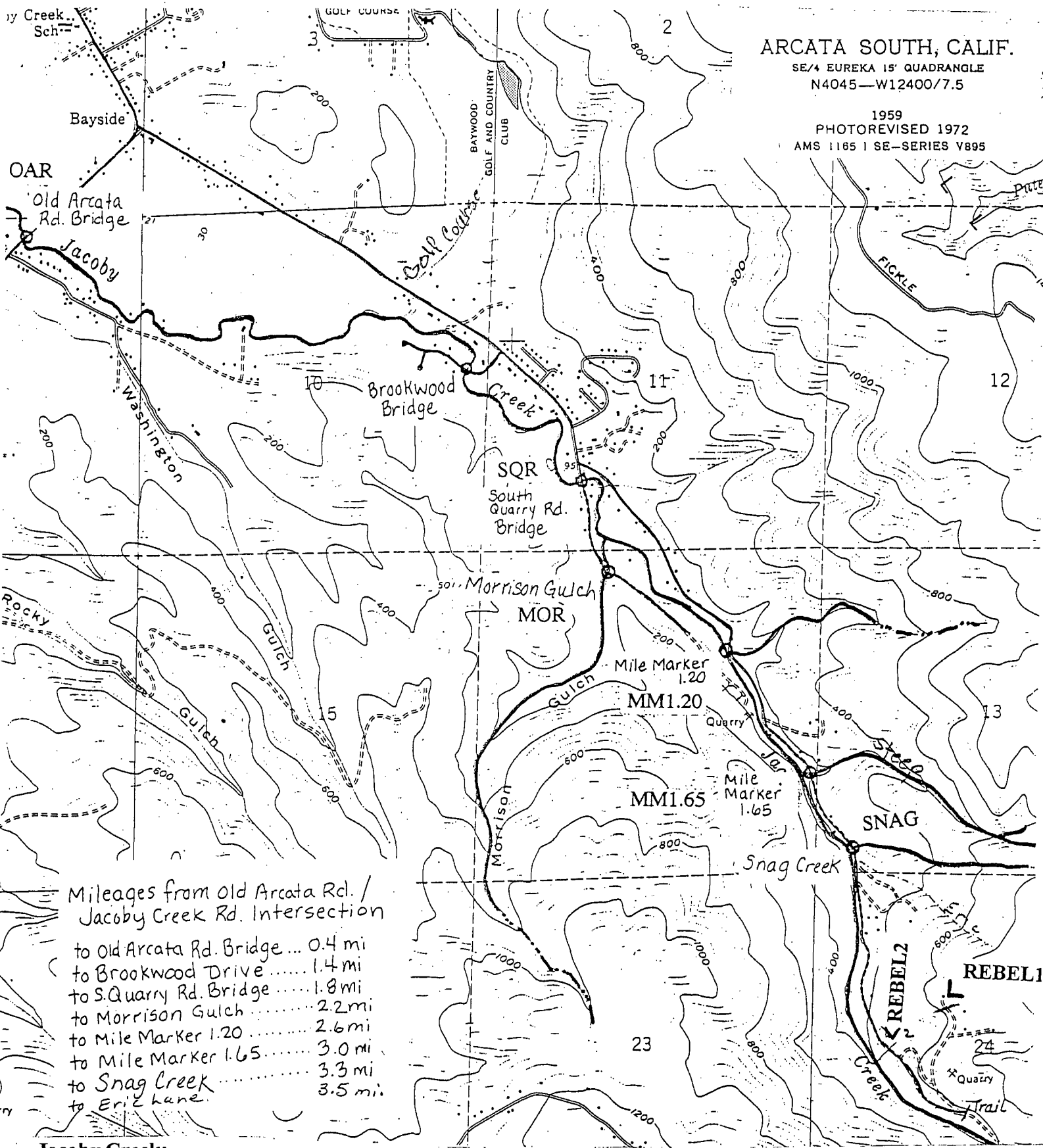
Samples have been taken at Cummings Creek, which is a Class I Coho stream, heavily impacted by logging. Pacific Lumber owns 3,000 acres of the 5,000 acres watershed and has clearcut over 2/3 of their ownership. Samples are taken from the east side of the bridge on Highway 36.

(VD Sampson) Samples have been taken by an ISCO pump sampler on the mainstem of the Van Duzen at Wilder Road. This is a primary monitoring station at Russell Sampson's house. The Van Duzen is about eighty? feet across at this point, and the river flattens out in the valley about two miles upstream from his house.

ARCATA SOUTH, CALIF.

SE/4 EUREKA 15' QUADRANGLE
N4045—W12400/7.5

1959
PHOTOREVISED 1972
AMS 1165 I SE—SERIES V895



Mileages from Old Arcata Rd. /
Jacoby Creek Rd. Intersection

to Old Arcata Rd. Bridge	0.4 mi
to Brookwood Drive	1.4 mi
to S. Quarry Rd. Bridge	1.8 mi
to Morrison Gulch	2.2 mi
to Mile Marker 1.20	2.6 mi
to Mile Marker 1.65	3.0 mi
to Snag Creek	3.3 mi
to Eric Lane	3.5 mi

Jacoby Creek:

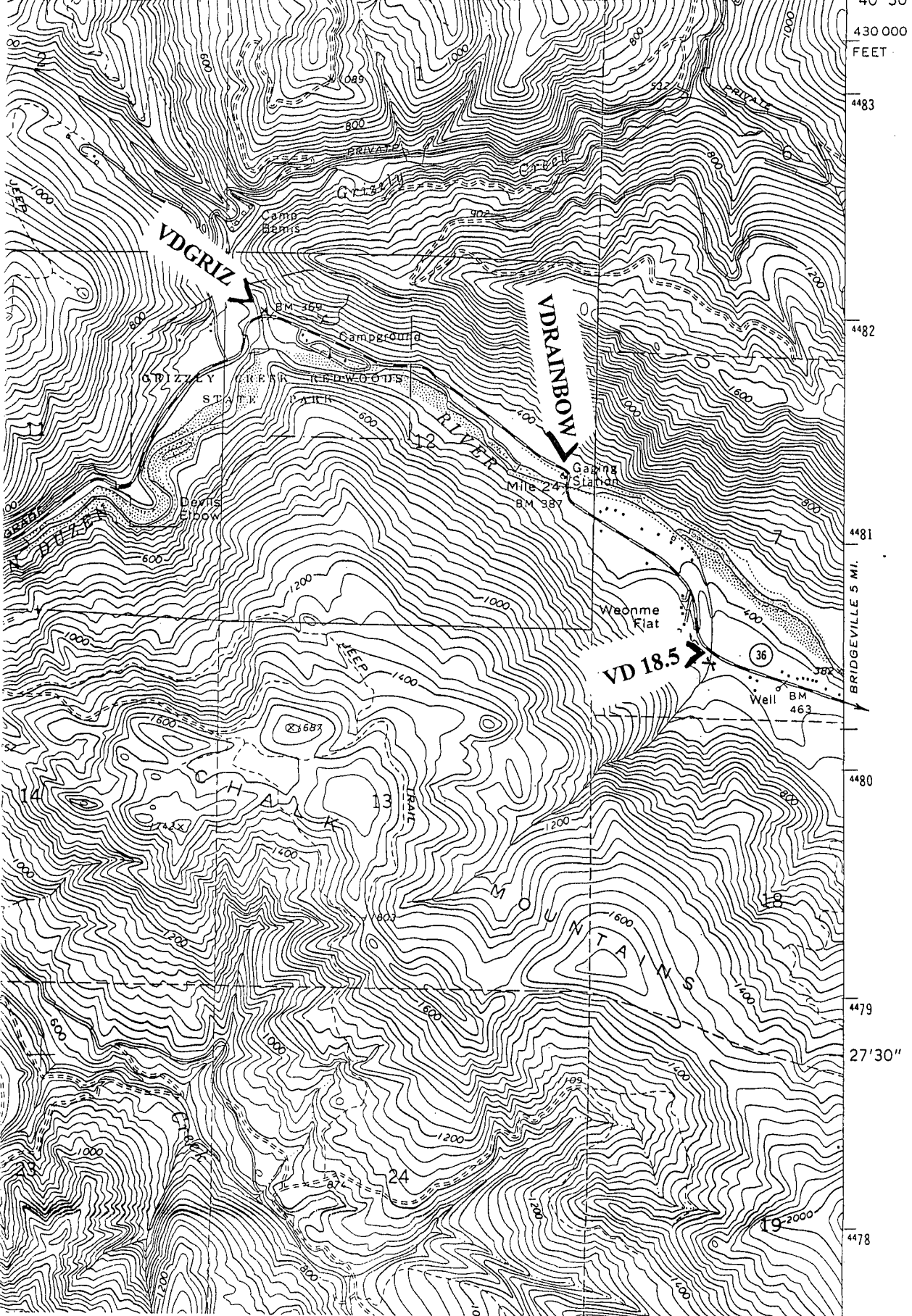
- OAR Jacoby Creek at Old Arcata Road Bridge/Old Arcata Rd. (F3K300) PM 7.49 Bridge # 4C-0182
- BW Jacoby Creek. at Brookwood Bridge # 4C-0124 At Brookwood Dr. (4K250) PM 0.12
- SQR Jacoby Creek at South Quarry Rd. Bridge (4K240) PM 0.05 Bridge # 4C-0006
- MOR Morrison Gulch at South Quarry Rd. (4K250) PM XX
- MM1.20 Tributary at Jacoby Creek Rd. (4K230) PM 1.20
- MM1.65 Jacoby Creek at Jacoby Creek Rd. (4K230) PM1.65
- SNAG Snag Creek at Jacoby Creek Rd PM XX - 3.3 miles east of Old Arcata Road
- ERIC Eric Creek at Eric Lane PM xx - 3.5 miles east of Old Arcata Road
- REBEL 1 Rebel Creek at Upper Creek Road off Jacoby Creek Road (4K230)
- REBEL 2 Rebel Creek at Jacoby Creek Road (4K230)

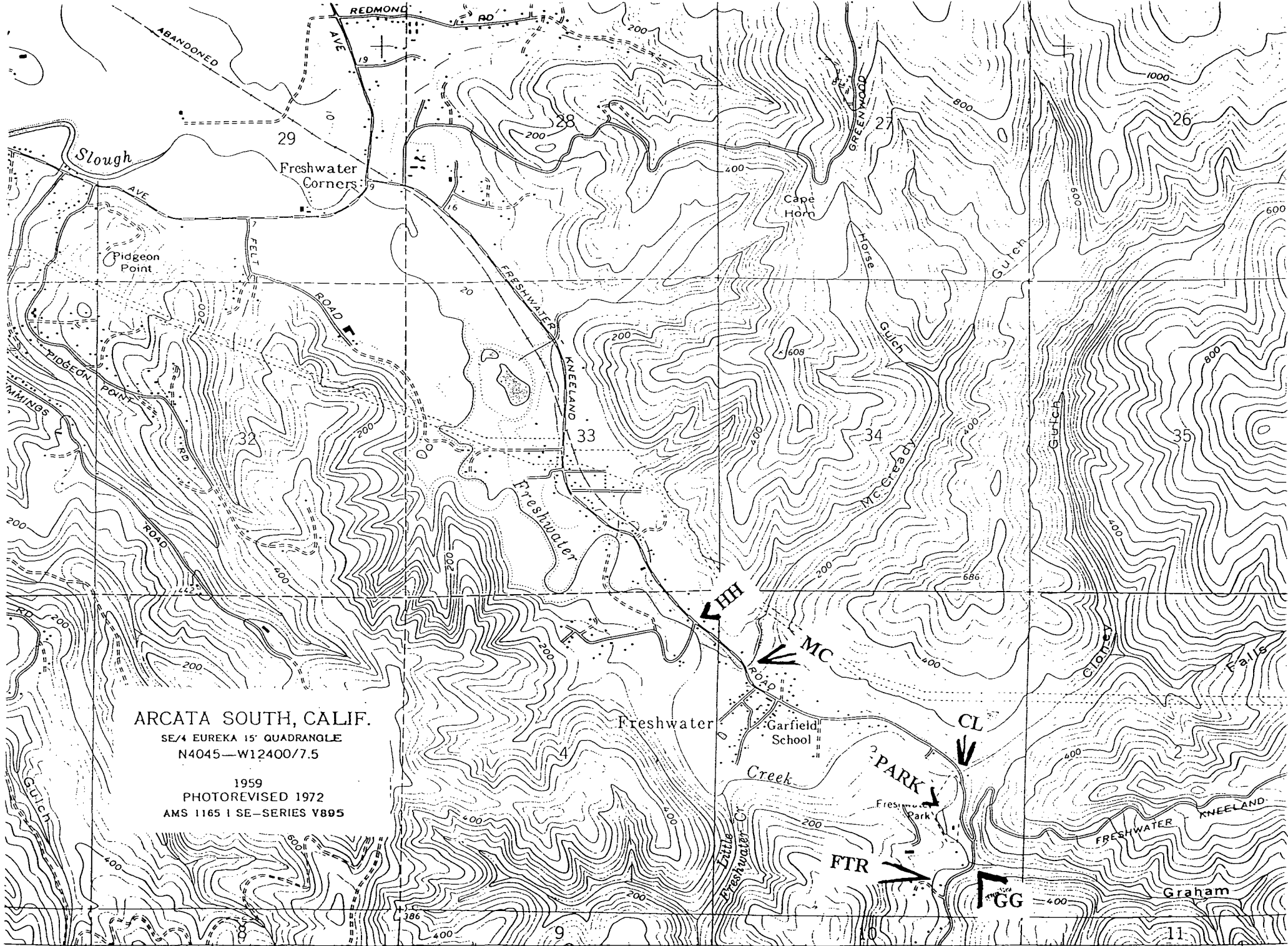
REDCREST QUADRANGLE
CALIFORNIA—HUMBOLDT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

NW/4 WEOTT 15' QUADRANGLE

1265 III
(AQUA BUTTES)
1:62 500

55' | 423 | 1 470 000 FEET | 424 | R. 2 E. R. 3 E | 123° 52' 30"





ARCATA SOUTH, CALIF.

SE/4 EUREKA 15' QUADRANGLE
 N4045—W12400/7.5

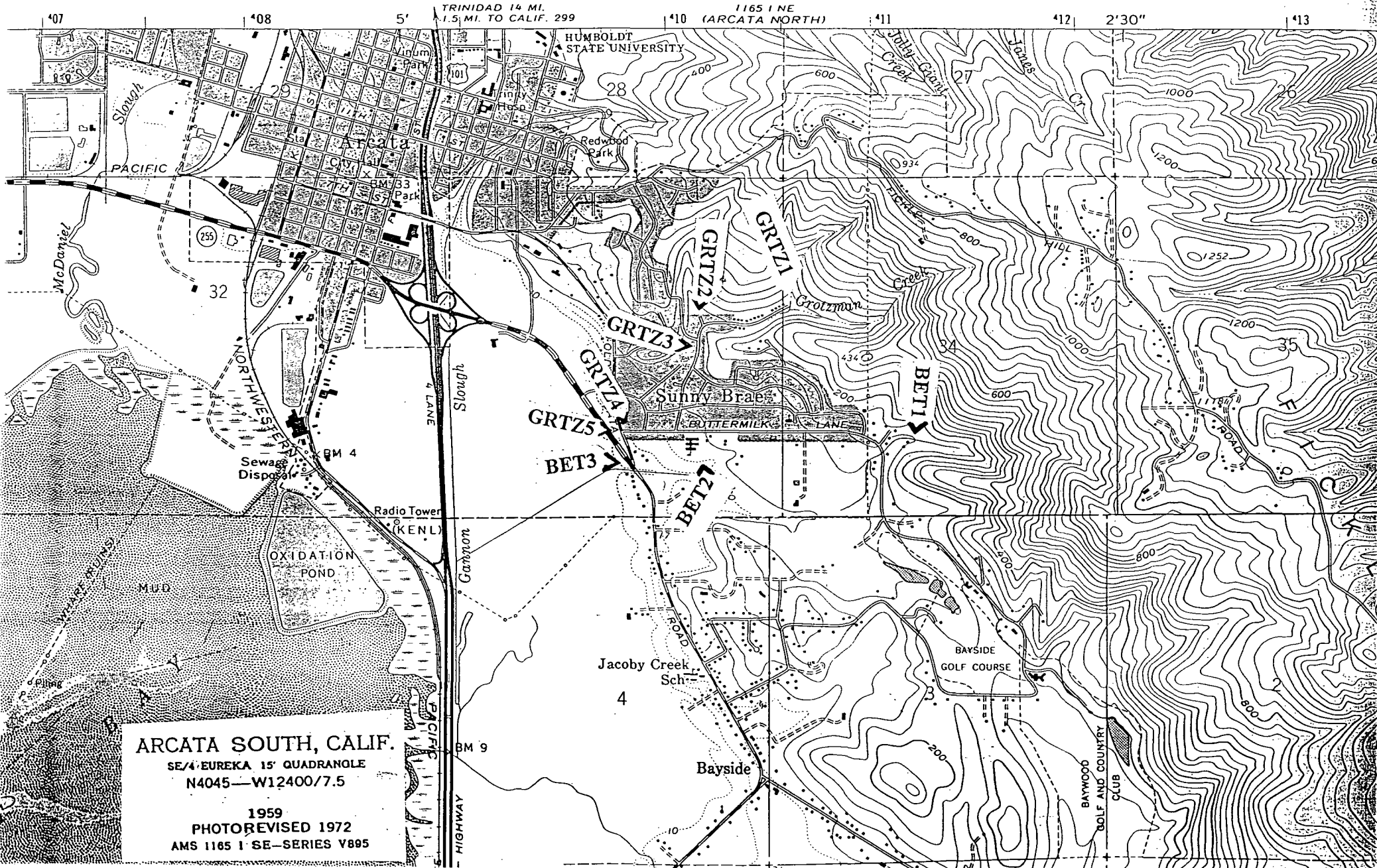
1959
 PHOTOREVISED 1972
 AMS 1165 I SE—SERIES V895

107 1 420 000 FEET 108 5' 109 (FORTUNA 1:62 500) 11 2'30" 113

1165 II

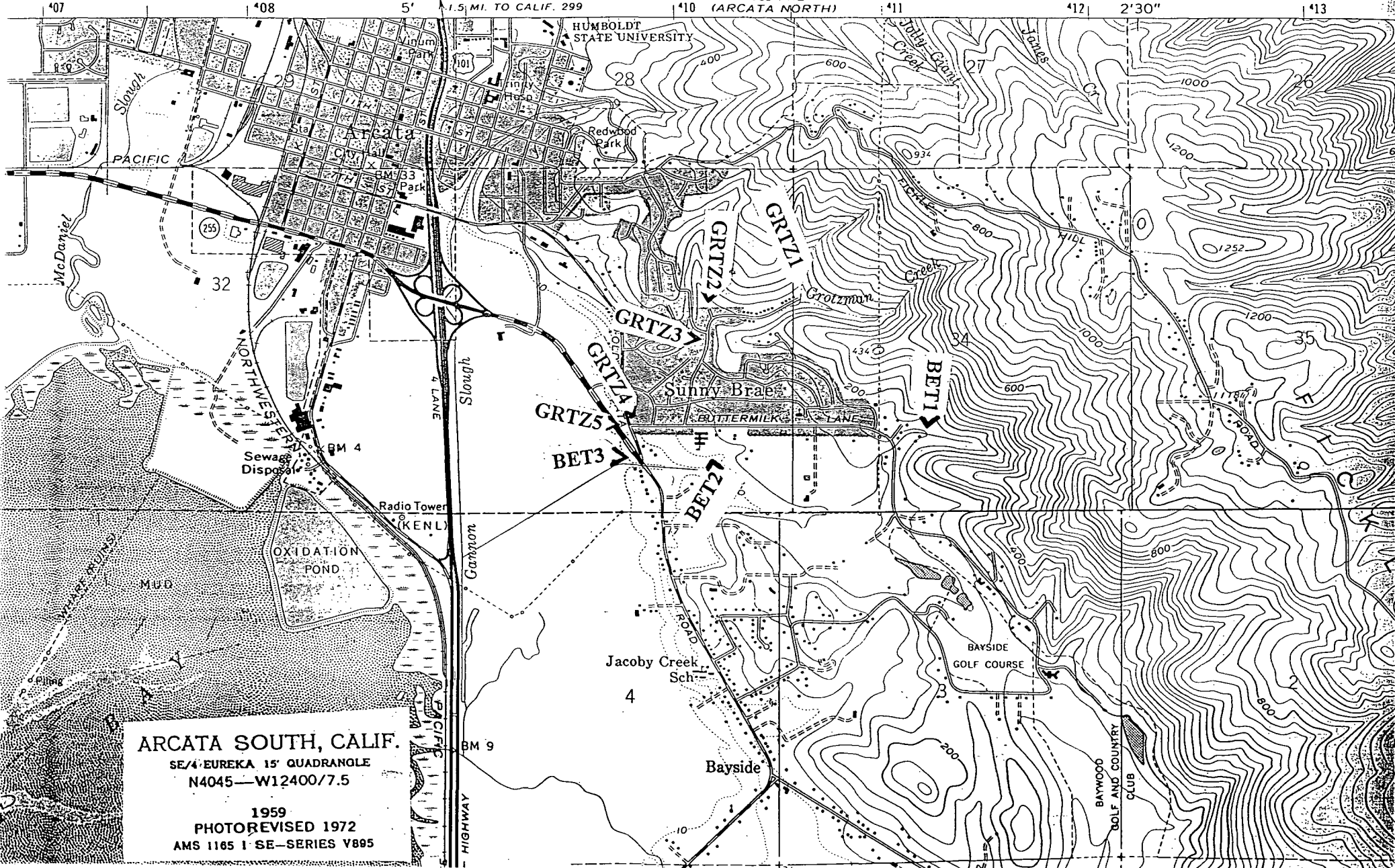
SCALE 1:24,000

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

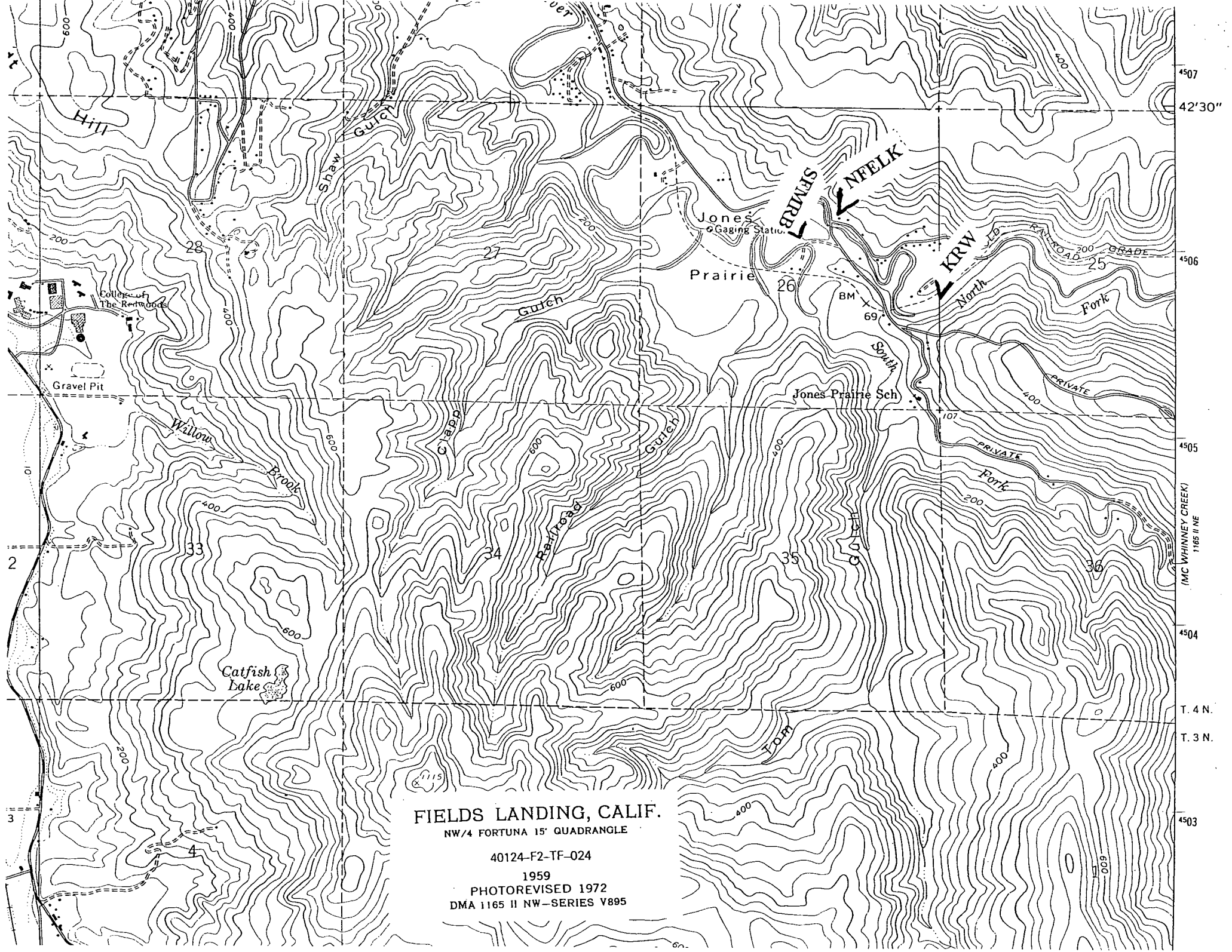


TRINIDAD 14 MI.
1.5 MI. TO CALIF. 299

1165 I NE
(ARCATA NORTH)



ARCATA SOUTH, CALIF.
SE/4 EUREKA 15' QUADRANGLE
N4045-W12400/7.5
1959
PHOTOREVISED 1972
AMS 1165 I SE-SERIES V895



FIELDS LANDING, CALIF.

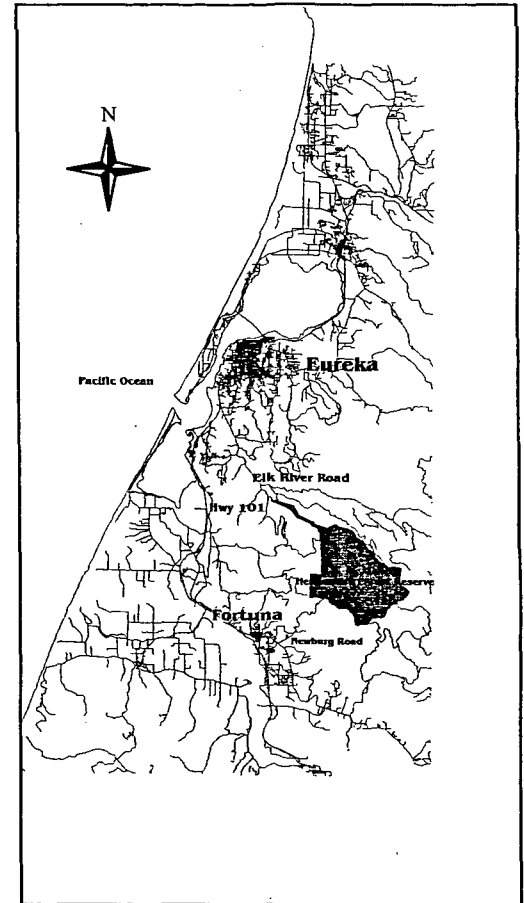
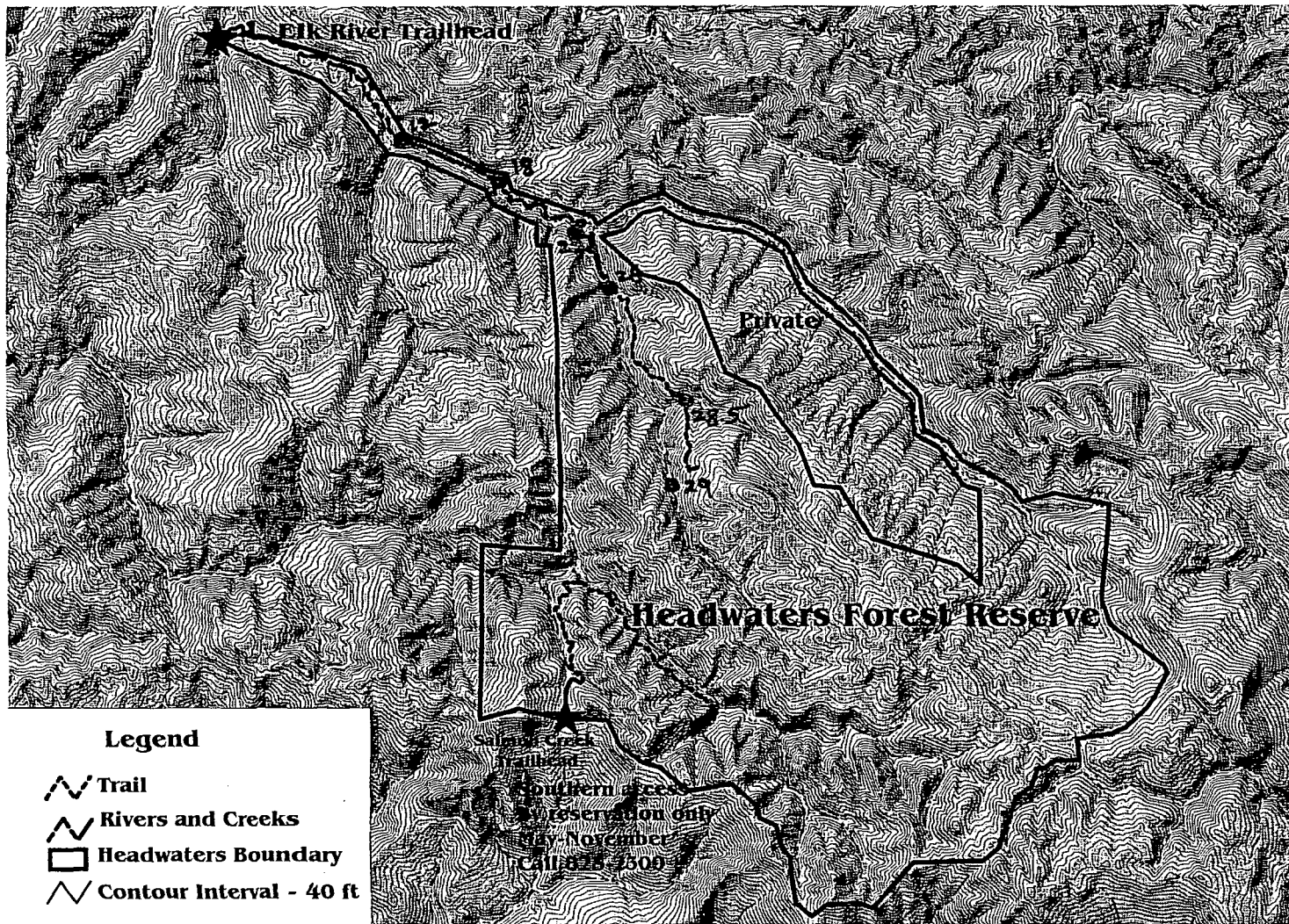
NW/4 FORTUNA 15' QUADRANGLE

40124-F2-TF-024

1959
PHOTOREVISED 1972
DMA 1165 II NW-SERIES V895

4507
42'30"
4506
4505
4504
T. 4 N.
T. 3 N.
4503

(MC WHINNEY CREEK)
1165 II NE

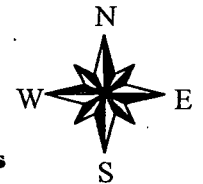


Vicinity Map

- Legend**
- Trail
 - Rivers and Creeks
 - Headwaters Boundary
 - Contour Interval - 40 ft



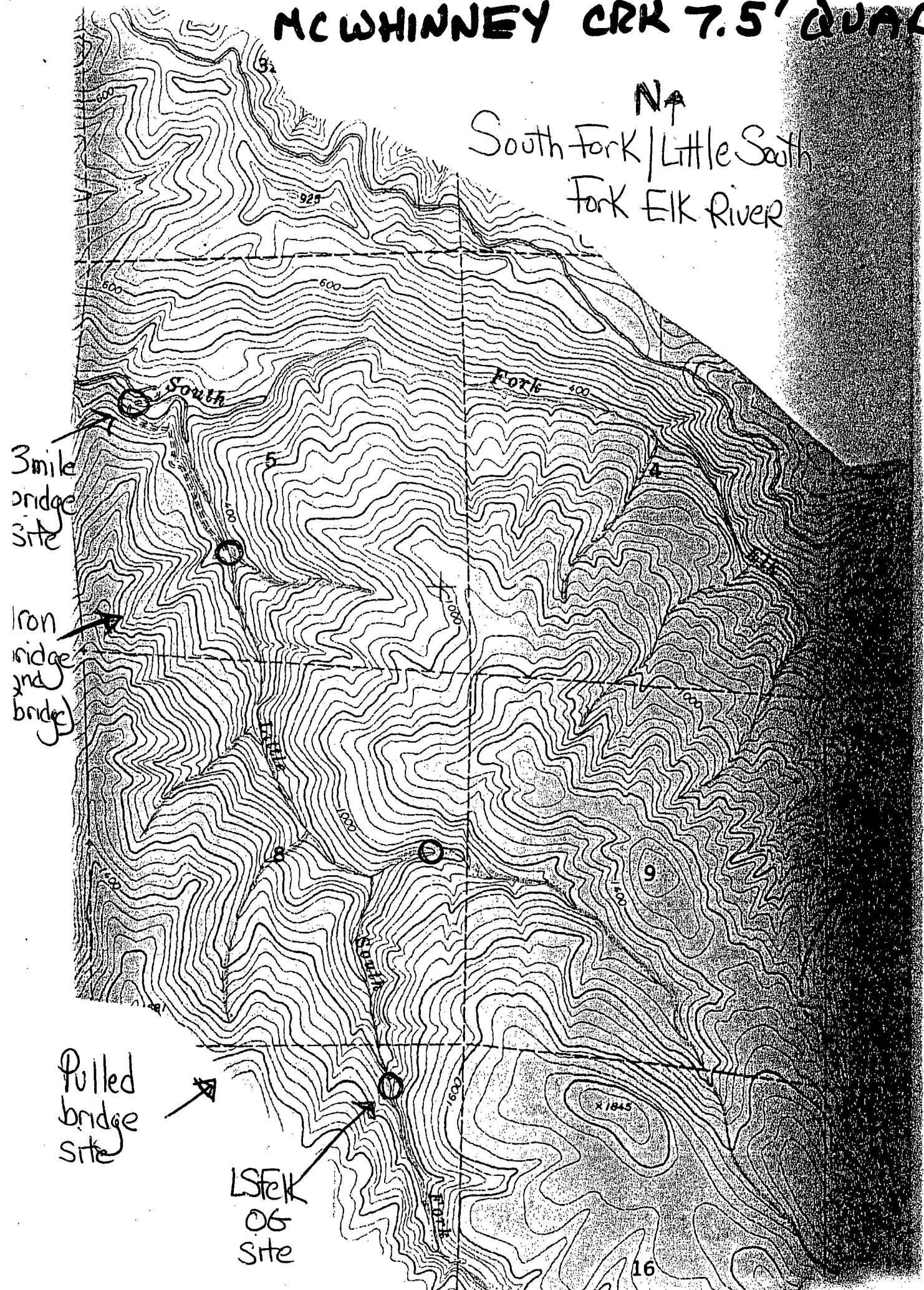
Access to Salmon Pass Trailhead available through BLM led hikes ONLY.
 Hikes will be conducted 4 days per week for the general public, with 2 additional days for education groups. Hikes will be limited to 20 individuals.
 For reservations, please contact BLM at :
 (707) 825-2300 Monday-Friday 8:00 a.m. to 4:30p.m.
 BLM will begin taking reservations May 1, 2001.



Hikes are available from May 17th thru November 15th, 2001.

MCWHINNEY CRK 7.5' QUAD

NA
South Fork / Little South
Fork Elk River



3 mile
bridge
site

Iron
bridge
2nd
bridge

Pulled
bridge
site

LSElk
06
site

16

LSfelKOG

PHOTO POINT FORM

Site # _____

Photo # 1 (Roll # _____) Lens 35 mm Date 2/1/01

Type of Marker _____ Time 13:00 Prints or Slides _____

Description

Standing at downstream edge of channel looking upstream. Cascade marks end of site

Feature _____ Bearing _____ ° for _____ feet

Diagram of location

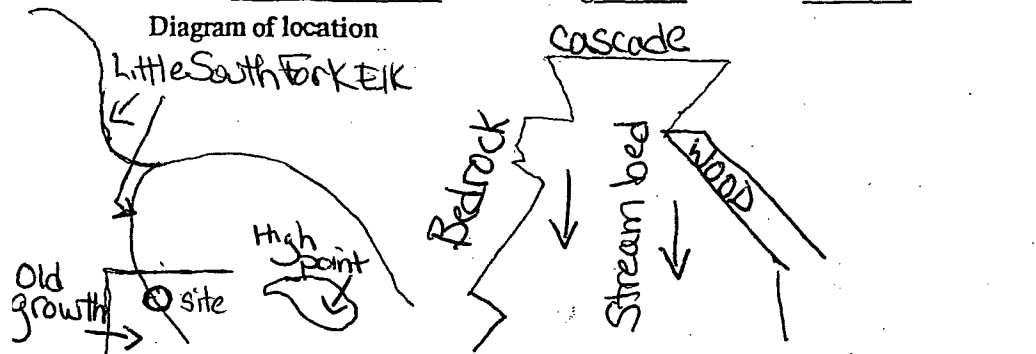


PHOTO POINT FORM

Site # LSfelKOG

Photo # 2 (Roll # _____) Lens 35 mm Date 2/1/01

Type of Marker _____ Time 13:05 Prints or Slides _____

Description

Standing at upstream edge looking downstream. Rocks in upper middle mark the downstream edge of site

Feature _____ Bearing _____ ° for _____ feet

Diagram of location

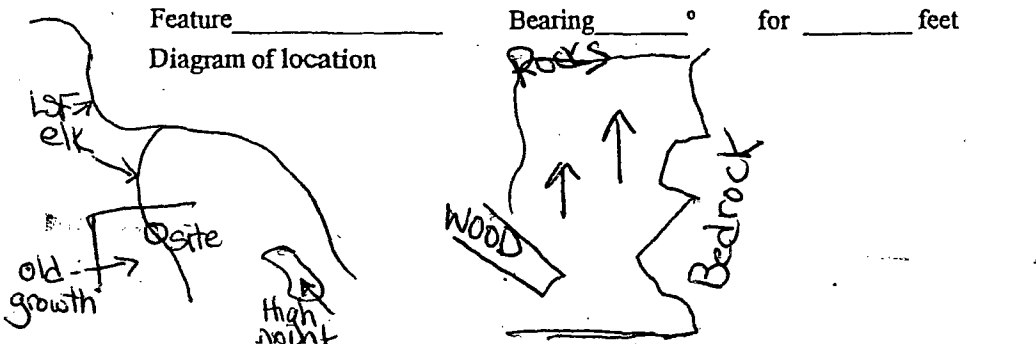


PHOTO POINT FORM

Site # _____

Photo # _____ (Roll # _____) Lens _____ mm Date _____

Type of Marker _____ Time _____ Prints _____ or Slides _____

Description

Feature _____ Bearing _____ ° for _____ feet

Diagram of location

PHOTO POINT FORM

Site # _____

Photo # _____ (Roll # _____) Lens _____ mm Date _____

Type of Marker _____ Time _____ Prints _____ or Slides _____

Description

Feature _____ Bearing _____ ° for _____ feet

Diagram of location

