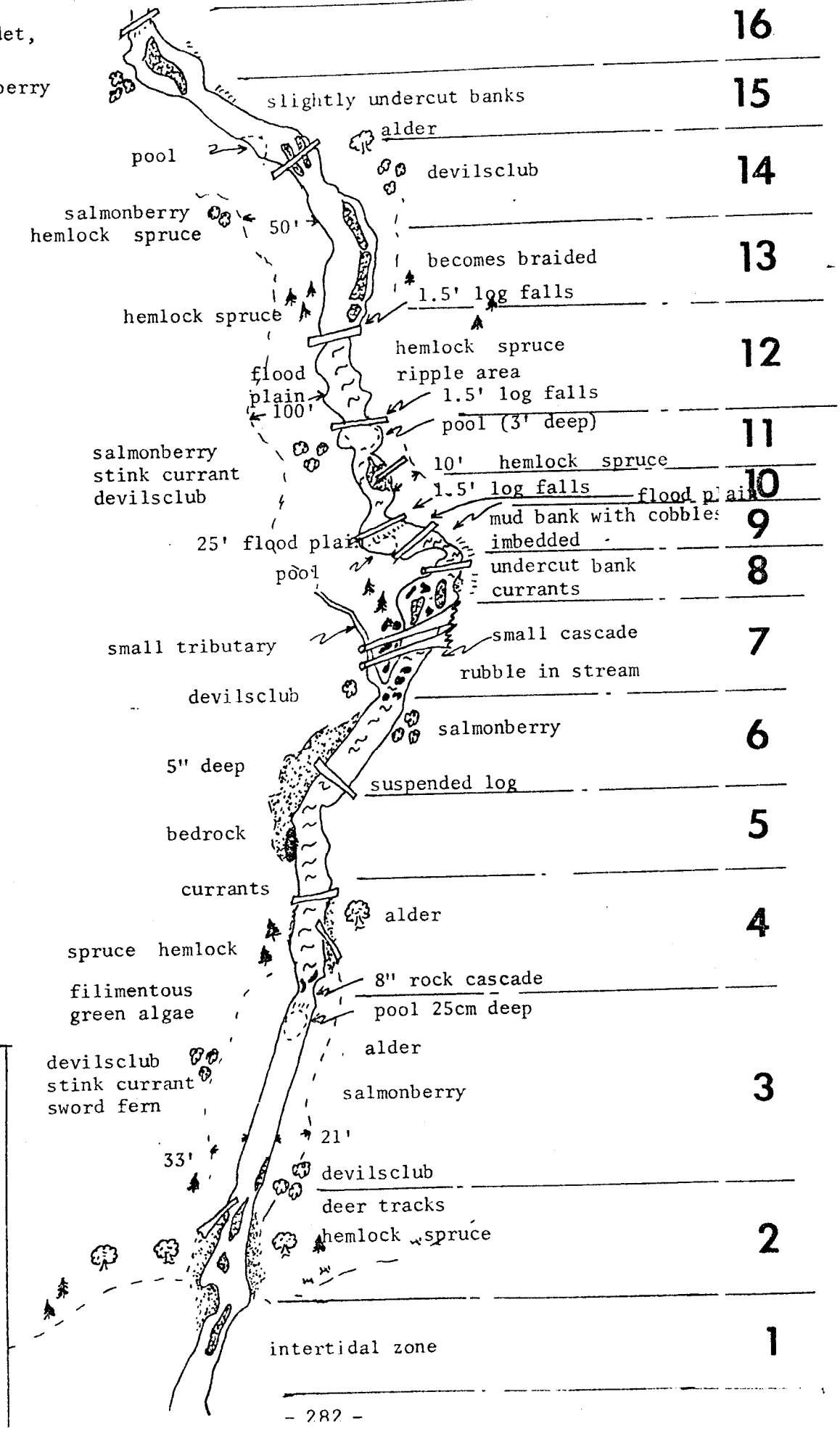
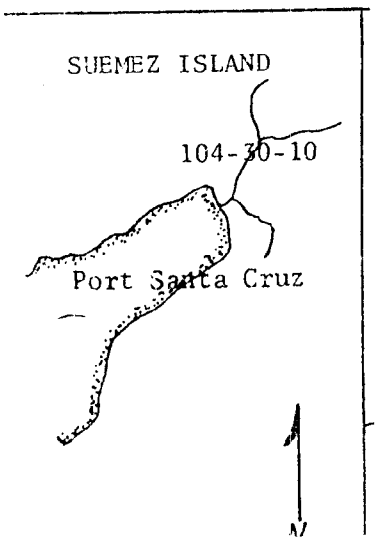
104-30-10
~~Freitag~~, Sundet, Schultz

Air: 58°F
Water: 50°F
pH: 7.7





104-30-10100

Name: Port Santa Cruz Head Stream
Latitude: 55°17'~~18~~" 21"
Longitude: 133°~~33'58~~" 24' 05"
Geodetic Map No: Craig B5-9
Location: At head of Port Santa Cruz, Suemez Island

Catalog No: 104-30-10
Former Stream No: FRI 36

Work Area: Ketchikan
Watershed Length: 1.8 miles (3 forks)
Drainage Area: 2 sq miles
Water Supply Type: runoff from forested land, beaver pond areas at headwaters

Trails & Survey Routes: easy walking upstream for distance surveyed

Aerial Survey Notes: too small for aerial survey; mouth counts only

Anchorage: in Port Santa Cruz

Tide Stage when Surveyed: 1/2

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area): pink and coho; fair rearing for coho
Fisheries Research Institute Stream Survey 1950 "small pink stream"
Spawning Area: 556m^2 (see summary data sheet for areas)

Schooling Areas: pools up entire stream (see map)

Spawning Areas: good riffle areas 556m^2 ASA

SHELLFISH POTENTIAL: none noted

SPORT FISHERIES: none noted

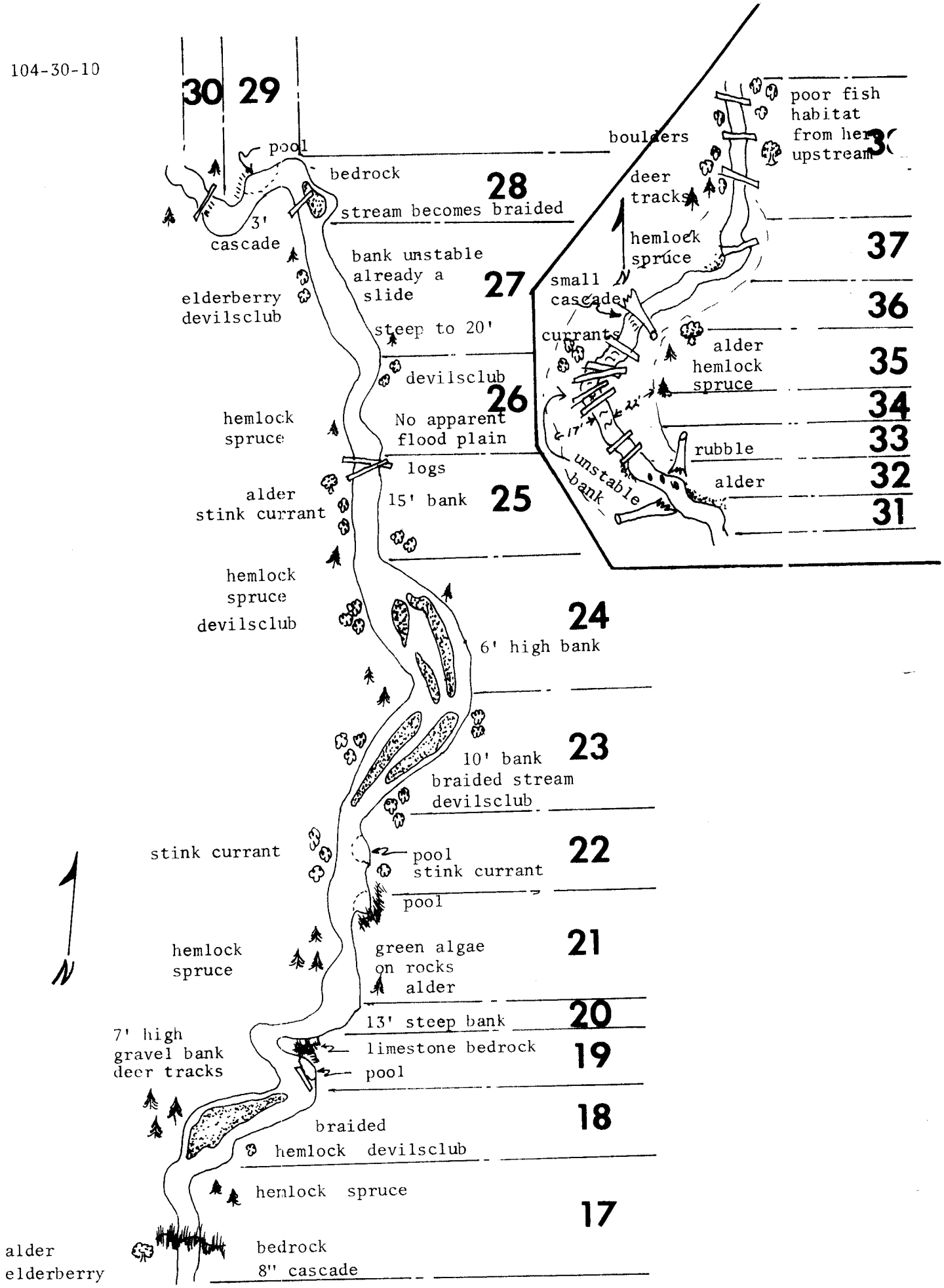
LAND USE (history, present, proposed): none known, stream is presently in a natural state

REHABILITATION POTENTIAL: none needed

SOILS: stable throughout much of stream, unstable undercut banks and slide prone areas are depicted on the map

GAME RESOURCES (species, use, habitat): deer tracks observed; bear, wolves, and other furbearers present in the vicinity

104-30-10


30
29
pool
bedrock
28
stream becomes braided
3'
cascade
bank unstable
already a
slide
27
elderberry
devilsclub
steep to 20'
devilsclub
26
hemlock
spruce
No apparent
flood plain
logs
alder
stink currant
15' bank
25
hemlock
spruce
devilsclub
24
6' high bank
23
10' bank
braided stream
devilsclub
stink currant
pool
stink currant
22
pool
hemlock
spruce
green algae
on rocks
alder
21
13' steep bank
20
7' high
gravel bank
deer tracks
limestone bedrock
pool
19
braided
hemlock devilsclub
18
hemlock spruce
17
alder
elderberry
bedrock
8" cascade
boulders
deer
tracks
hemlock
spruce
small
cascade
currants
unstable
bank
poor fish
habitat
from here
upstream
38
37
36
alder
hemlock
spruce
35
34
rubble
33
alder
32
31

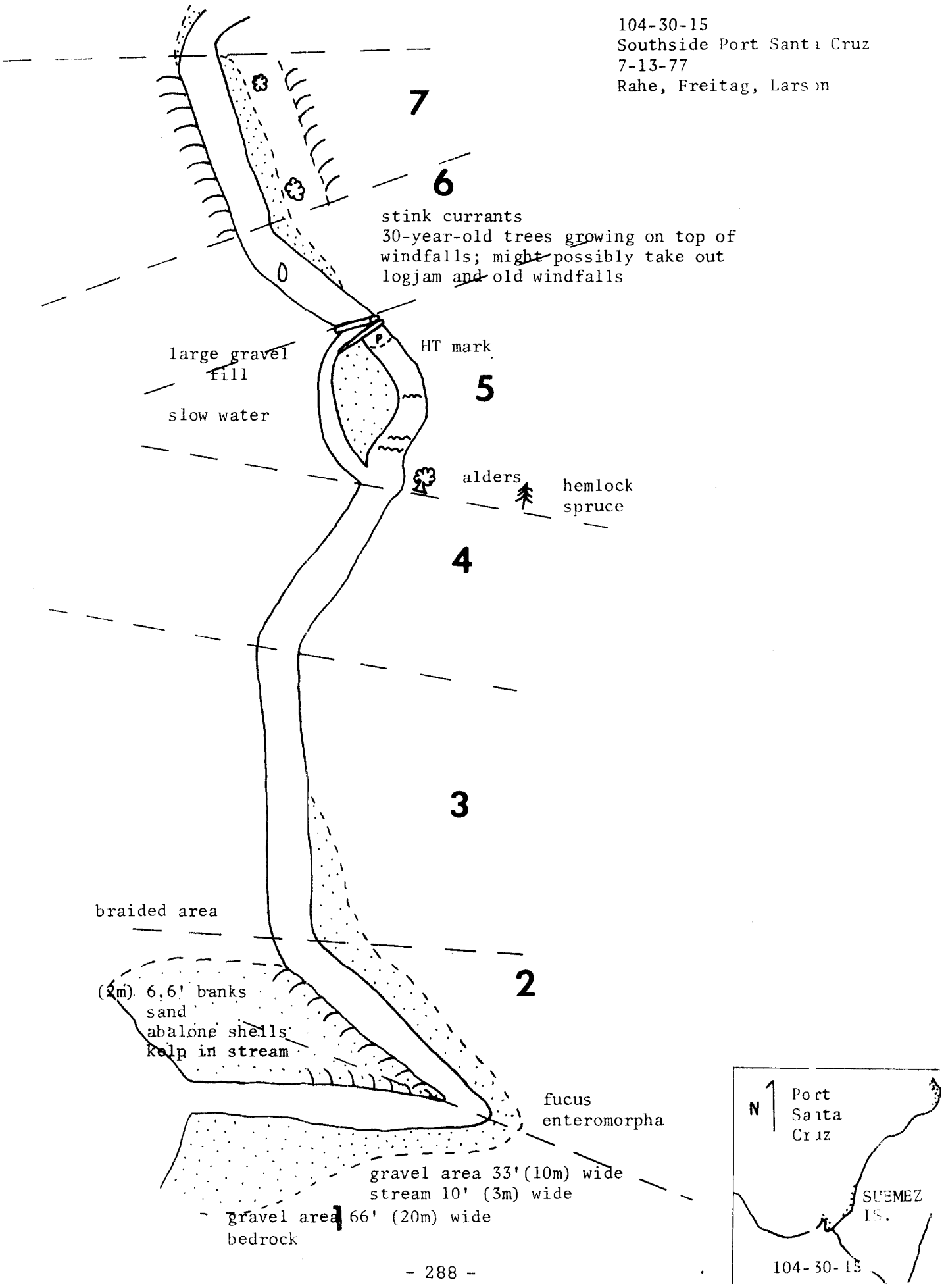
STREAM NUMBER: 104-30-10

SECTION NUMBER	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
LENGTH	85'	46'	55'	70'	55'	95'	100'	70'	65'	95'	35'	60'	44'	24'	46'	35'	25'
AV. WIDTH	7'	3'	7'	3'	7'	3'	7'	3'	3'	3'	3'	3'	7'	7'	7'	5'	10'
ASA %	30	20	10	10	20	50	80	20	10	10	10	10	10	10	10	10	10
ASA METERS^2																	
STREAM GRADIENT	2°	2°	2°	2°	2°	1°	2°	6°	1°	1°	5°	5°	1°	1°	1°	1°	1°
UPSTREAM MAGNETIC HEADING	52°	326°	245°	355°	1°	35°	330°	351°	359°	332°	345°	232°	310°	323°	313°	313°	333°
% BEDROCK	0	20	0	5	0	5	0	0	5	5	10	0	0	0	0	0	0
% BOULDERS	20	30	20	30	30	30	10	10	10	10	40	40	40	40	20	20	30
% COBBLES	40	30	50	30	40	40	40	50	30	40	30	30	40	40	40	30	30
% GRAVEL	30	20	20	20	20	20	40	30	30	30	10	10	20	20	40	30	30
% SAND	10	0	10	10	5	5	10	10	20	15	0	0	0	0	0	20	10
% FINES	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
POOL/RIFFLE RATIO (P/R)	20:80	50:50	30:70	20:80	10:90	10:90	30:70	40:60	50:50	0:100	80:20	80:20	80:20	80:20	20:80	50:50	0:100
SLOPE OF UPPER RT. BANK (ORIENTATION UPSTREAM)	5°	27°	13°	12°	17°	30°	22°	45°	45°	34°	-	-	34°	27°	28°	12°	10°
SLOPE OF UPPER LEFT BANK	5°	3°	0°	8°	4°	6°	10°	1°	1°	4°	-	-	5°	15°	22°	24°	19°
INVERTIBRATE CONCENTRATION	L	L	L	L	L	L	L	L	L	L	L	L	L	L	H	H	H
DISTANCE FROM BEGINNING OF SURVEY TO END OF SECTION	1098'	1144'	1199'	1269'	1324'	1419'	1519'	1589'	1654'	1749'	1784'	1844'	1888'	1912'	1958'	1993'	2018'
COMMENTS																	

STREAM NUMBER: 104-30-10

SECTION NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
LENGTH	55'	60'	125'	75'	45'	75'	65'	35'	24'	25'	60'	62'	50'	55'	77'	40'	85'
AV. WIDTH	3'	7'	10'	12'	13'	7'	23'	10'	3'	4'	7'	9'	4'	3'	7'	10'	7'
ASA %	90	70	80	50	50	50	50	40	50	50	20	90	50	80	30	20	30
ASA METERS^2																	
STREAM GRADIENT	4°	1°	1°	1°	1°	1°	1°	1°	3°	1°	2°	2°	1°	1°	2°	2°	2°
UPSTREAM MAGNETIC HEADING	38°	25°	33°	22°	12°	55°	42°	35°	329°	285°	10°	2°	23°	350°	317°	338°	359°
% BEDROCK	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	5
% BOULDERS	5	10	10	30	30	15	30	30	30	30	20	10	10	20	20	10	30
% COBBLES	10	20	30	50	40	70	40	40	40	40	40	40	30	20	40	30	40
% GRAVEL	80	50	30	10	20	15	20	30	20	20	40	40	20	50	30	20	20
% SAND	5	20	20	10	10	0	10	0	10	10	0	0	30	10	10	30	5
% FINES	0	0	10	0	0	0	0	0	0	0	0	0	10	0	0	10	0
POOL/RIFFLE RATIO (P/R)	0:100	5:95	40:60	1:99	1:99	20:80	0:100	40:60	30:70	20:80	70:30	10:90	0:100	10:90	20:80	70:30	0:100
SLOPE OF UPPER RT. BANK (ORIENTATION UPSTREAM)	1°	1°	1°	3°	3°	6°	3°	1°	1°	3°	1°	1°	1°	1°	17°	2°	7°
SLOPE OF UPPER LEFT BANK	5°	4°	4°	10°	17°	1°	2°	2°	1°	1°	1°	1°	1°	1°	3°	2°	7°
INVERTIBRATE CONCENTRATION	L	H	H	H	H	H	H	L	L	M	L	L	L	L	L	L	L
DISTANCE FROM BEGINNING OF SURVEY TO END OF SECTION	55'	115'	240'	315'	360'	435'	500'	535'	559'	584'	644'	706'	756'	811'	888'	928'	1013'
COMMENTS	Intertidal zone																

104-30-15
Southside Port Santa Cruz
7-13-77
Rahe, Freitag, Larson



STREAM NUMBER: 104-3C-10

SECTION NUMBER	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
LENGTH	44'	50'	50'	100'													
AV. WIDTH	7'	3'	3'	-													
ASA %	20	10	0	0													
ASA METERS^2																	
STREAM GRADIENT	4°	6°	3°	-													
UPSTREAM MAGNETIC HEADING	40°	46°	46°	356°													
% BEDROCK	0	0	0	-													
% BOULDERS	40	30	30	-													
% COBBLES	40	40	40	-													
% GRAVEL	10	20	20	-													
% SAND	10	10	10	-													
% FINES	0	0	0	-													
POOL/RIFFLE RATIO (P/R)	0:100	10:90	10:90	10:90													
SLOPE OF UPPER RT.BANK (ORIENTATION UPSTREAM)	12°	18°	15°	-													
SLOPE OF UPPER LEFT BANK	11°	24°	11°	-													
INVERTIBRATE CONCENTRATION	-	M	L	-													
DISTANCE FROM BEGINNING OF SURVEY TO END OF SECTION	2062'	2112'	2162'	2262'													
COMMENTS				Observation looking upstream													