

0.022

June 1, 1995

Note to Files:

ACT/015/032 #2

RE: Perennial Flows in Crandall Canyon

As directed by Rick Summers of DOGM, Crandall Canyon, Blind Canyon and Indian Creek drainages were walked in the early fall of 1989 to determine where perennial stream flow occurred within each drainage. Rick was interested in having Genwal Coal Company install parshall flumes in each of these drainages where the streams became perennial. For Crandall Canyon the field studies showed that the flume would have to be placed below the Forks because both the north and south fork of Crandall were dry within immediately upstream.

Please refer to the field map from the October 1989 field survey.

5A- Flow in a clean Bottom

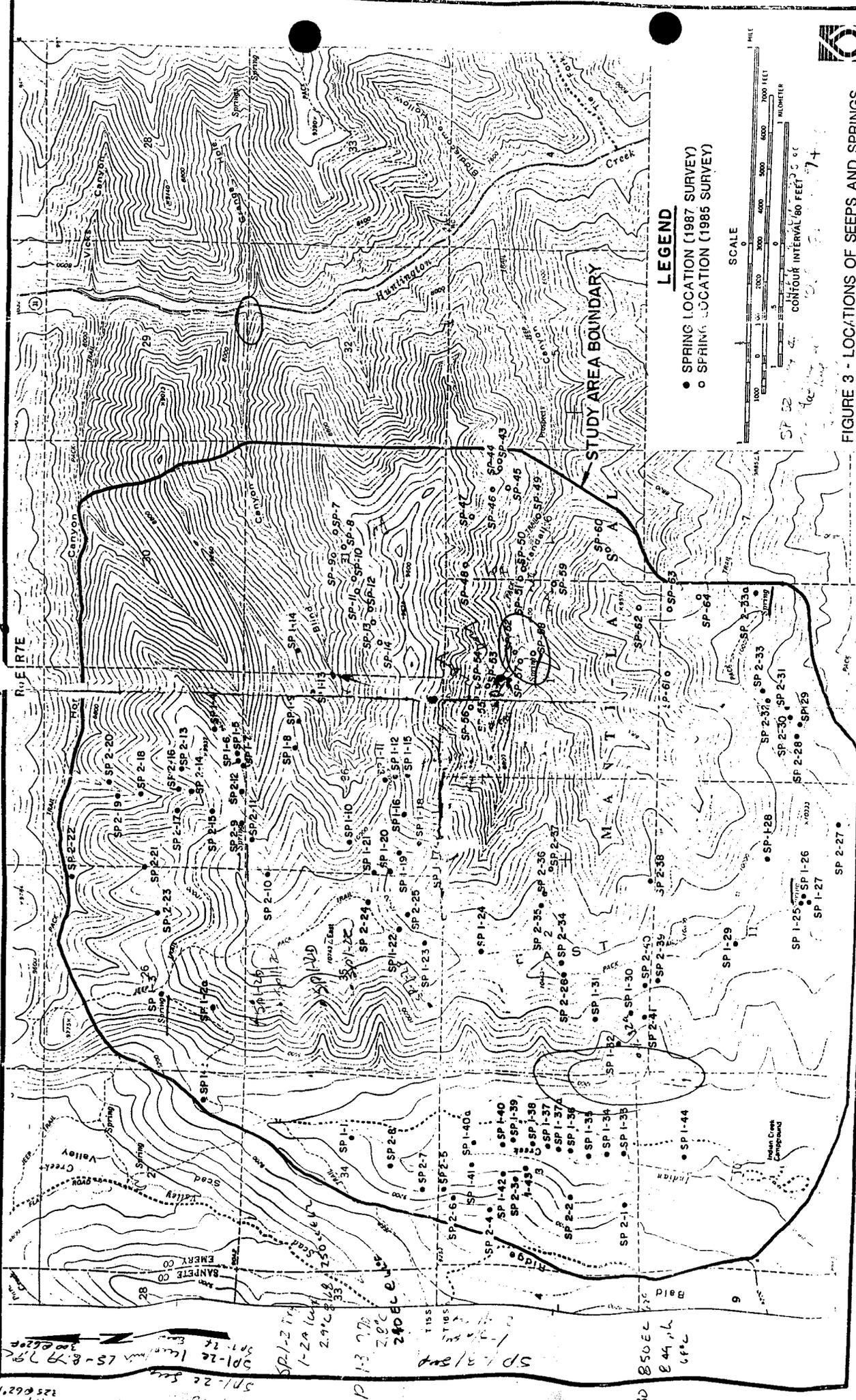
SP-56-B 29ppm 4.8E 9.4°C 8.85ph 300ec

SP-56 left mid 490c 10.9°C-7.98ph 350ec

SP-1-14 sasp Dump 10 flow

Blind canyon Dry above drop only from a forest slope

Where do conifers become perennial? Potential flume locations - 1/2 foot of a C. Indian Co.



LEGEND
 ● SPRING LOCATION (1987 SURVEY)
 ○ SPRING LOCATION (1985 SURVEY)

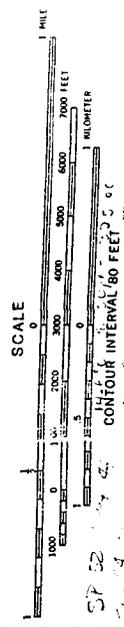


FIGURE 3 - LOCATIONS OF SEEPS AND SPRINGS
 SF 58

SP 1-32 a - 550 E C 622 F 7, 901 N