APPENDIX 7-33

POST-MINING SOIL LOSS NOMOGRAPHS

POST-MINING LAND TYPE 1

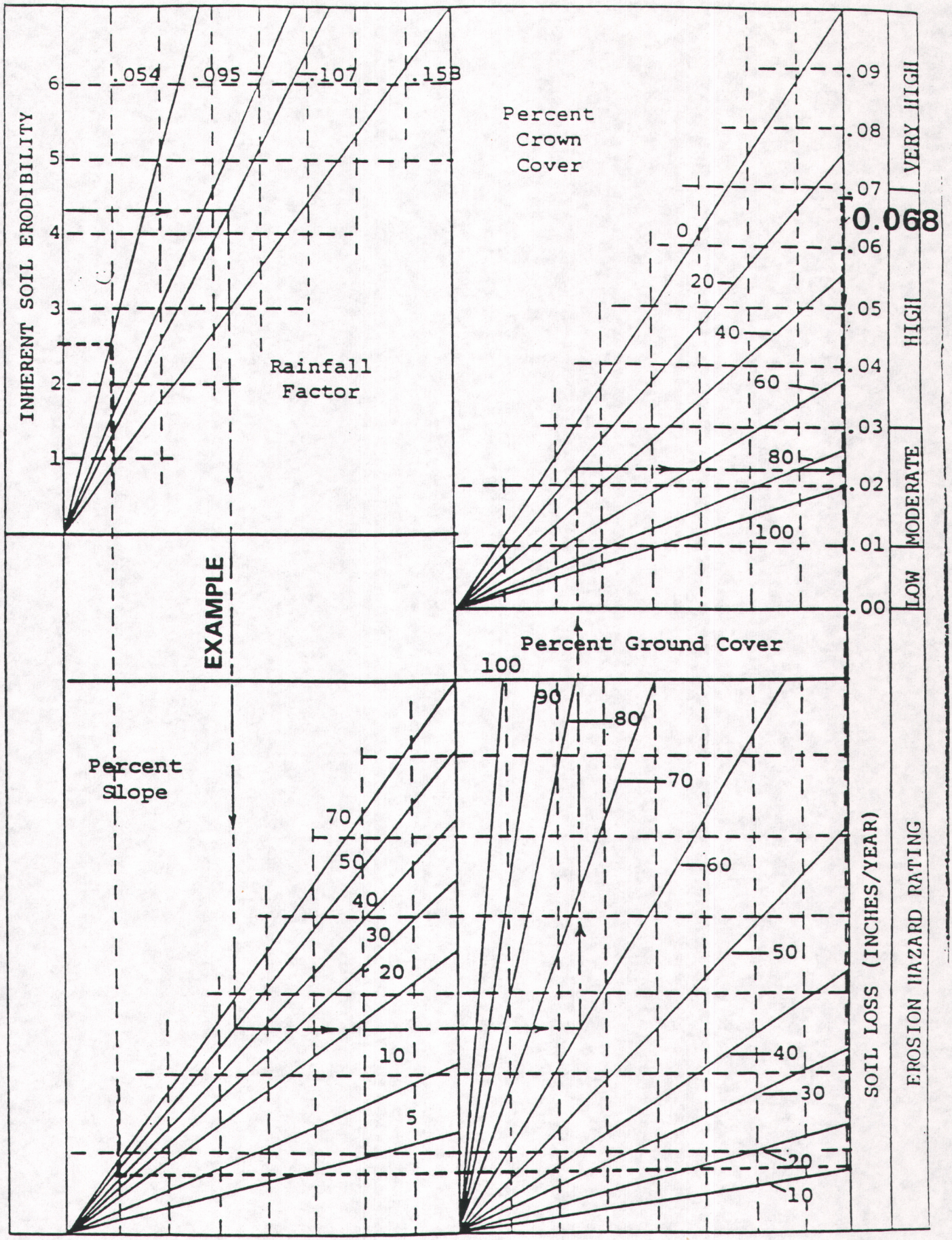

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

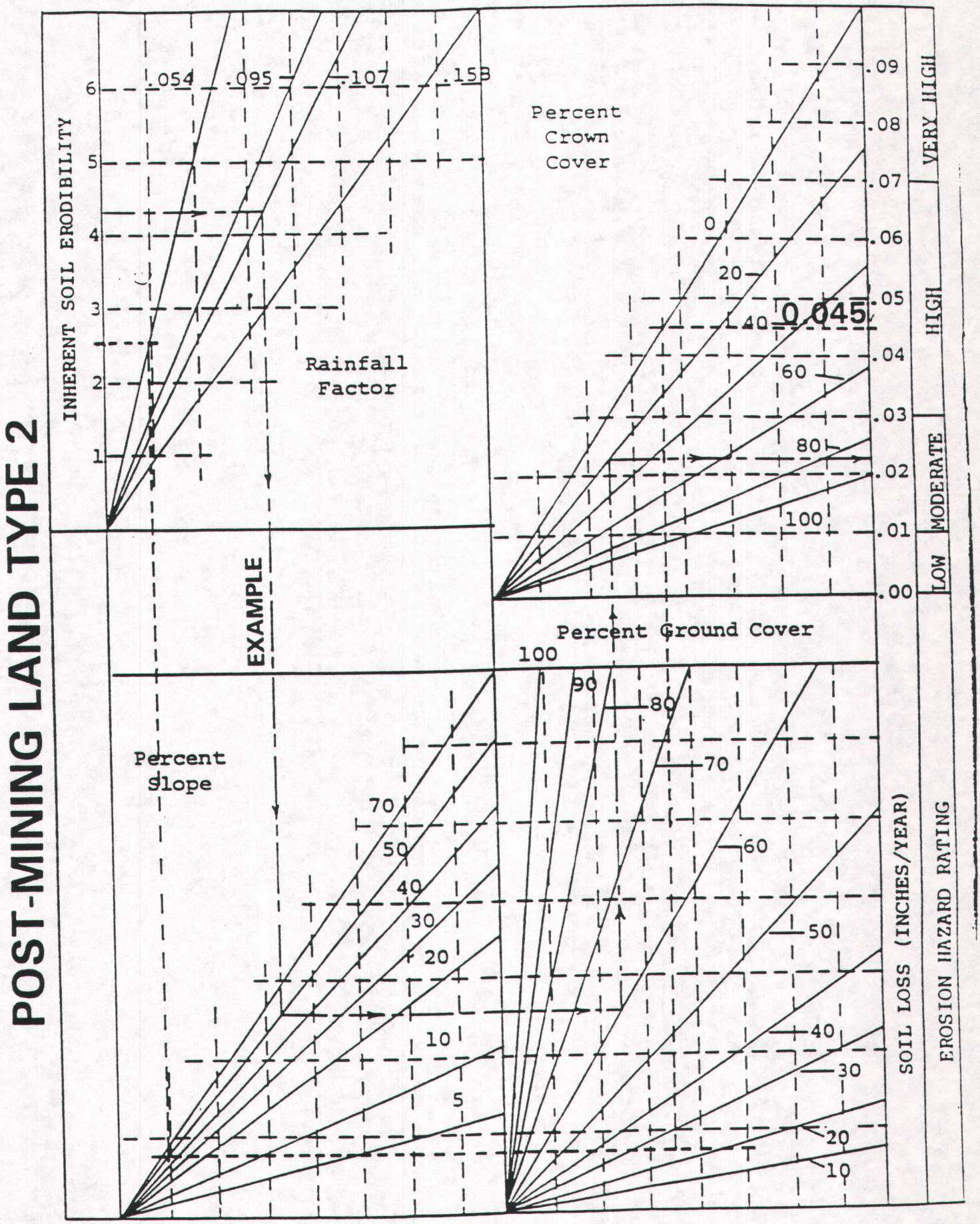

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

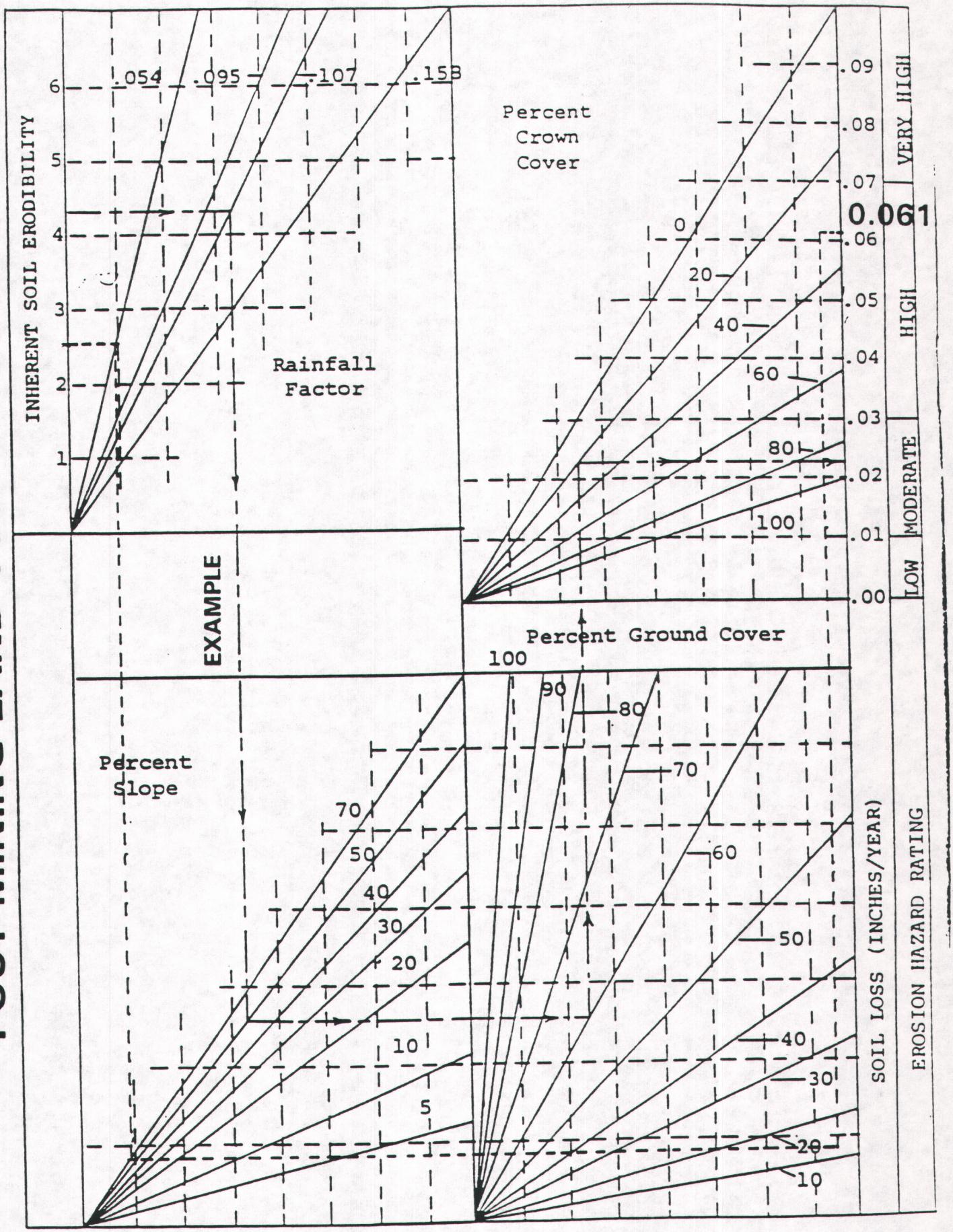

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

POST-MINING LAND TYPE 4

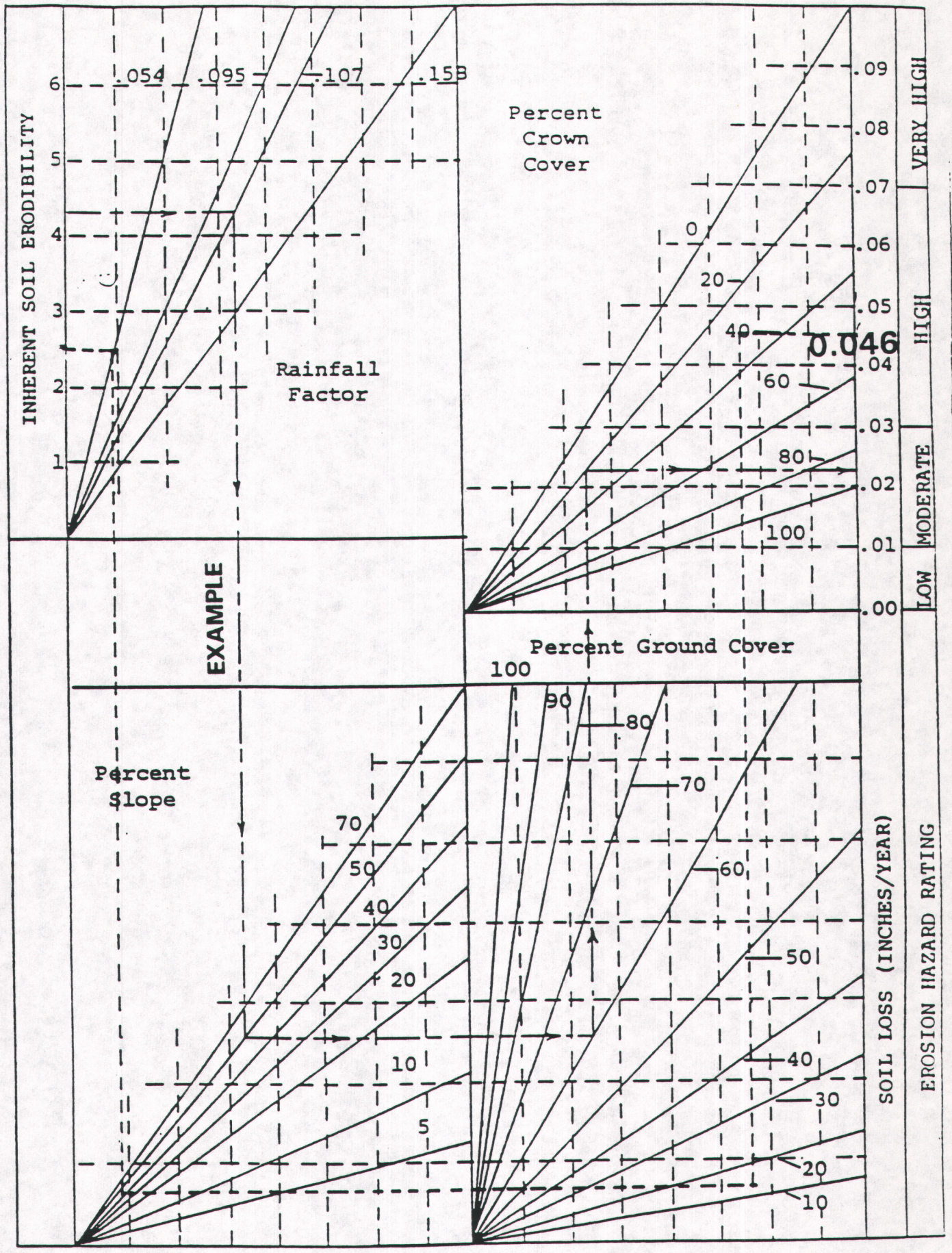

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

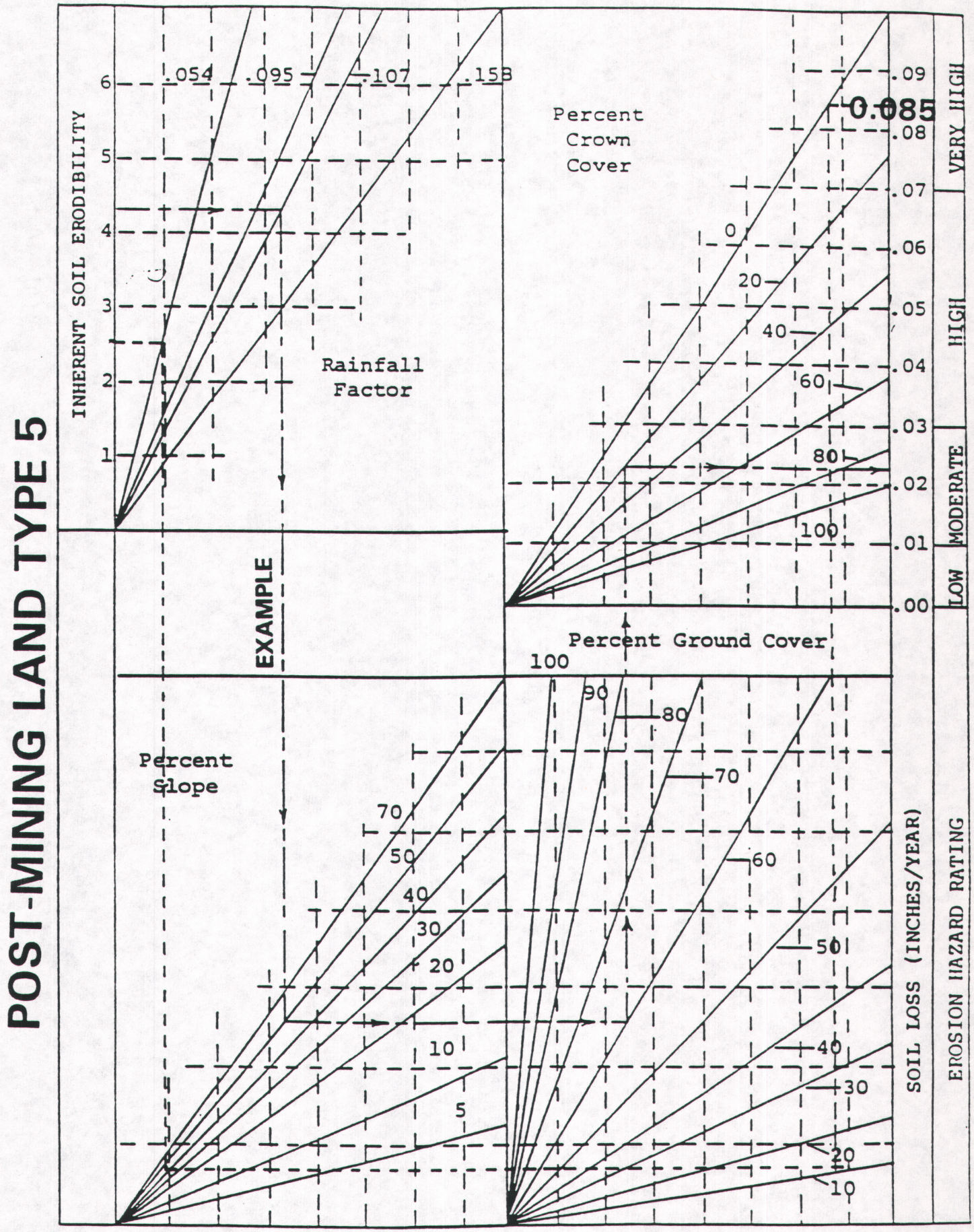

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

POST-MINING LAND TYPE 6

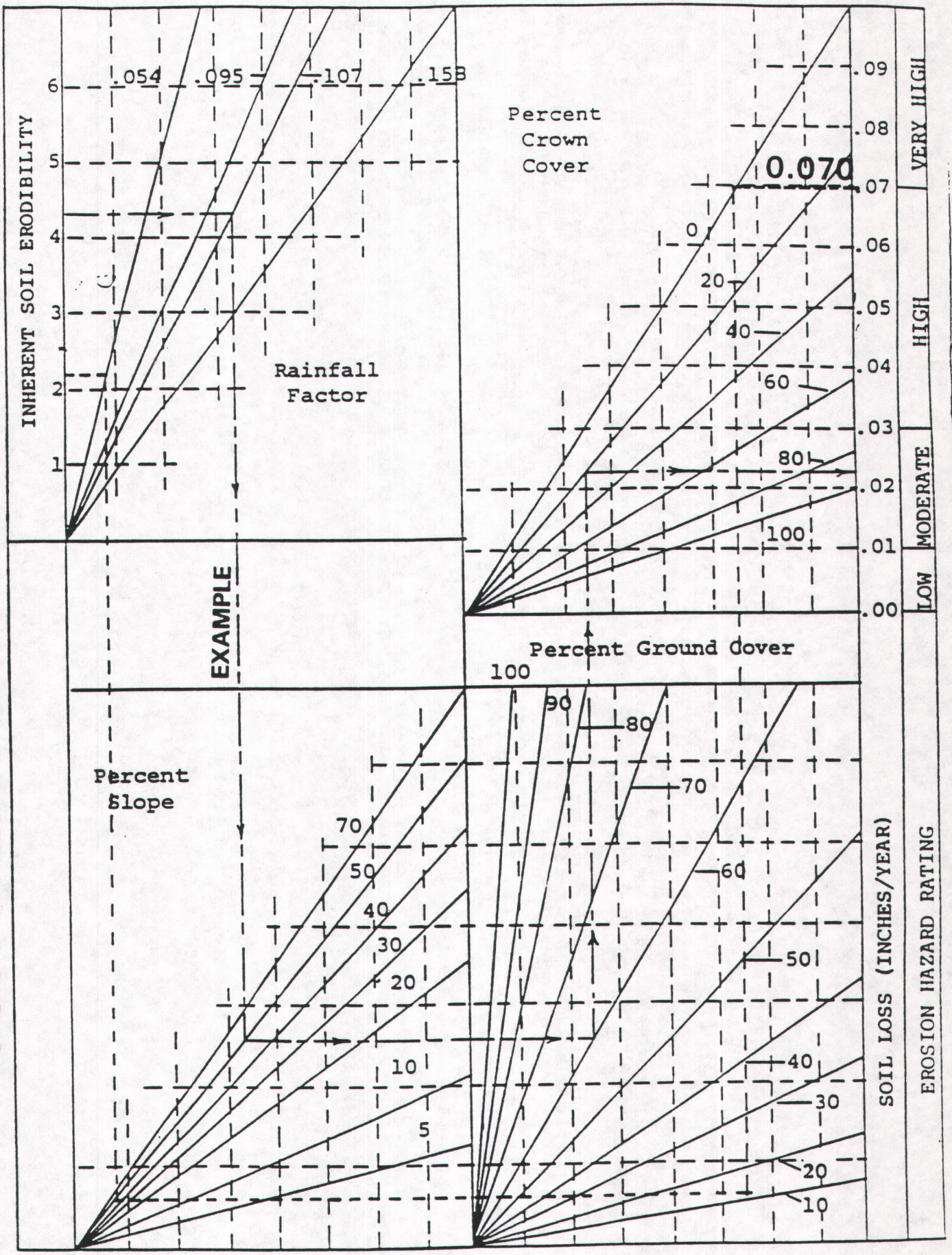

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp.

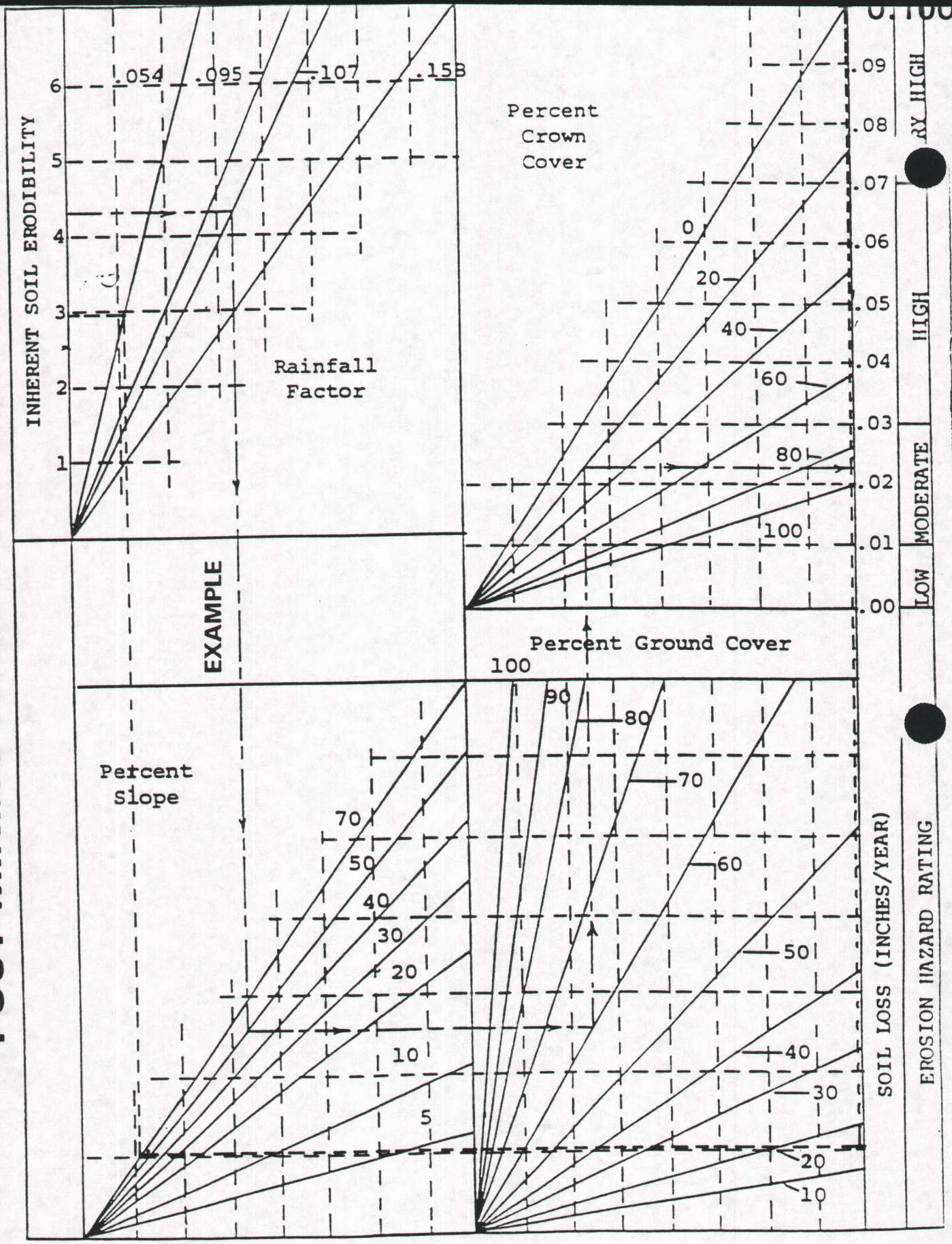

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 p.

POST-MINING LAND TYPE 8

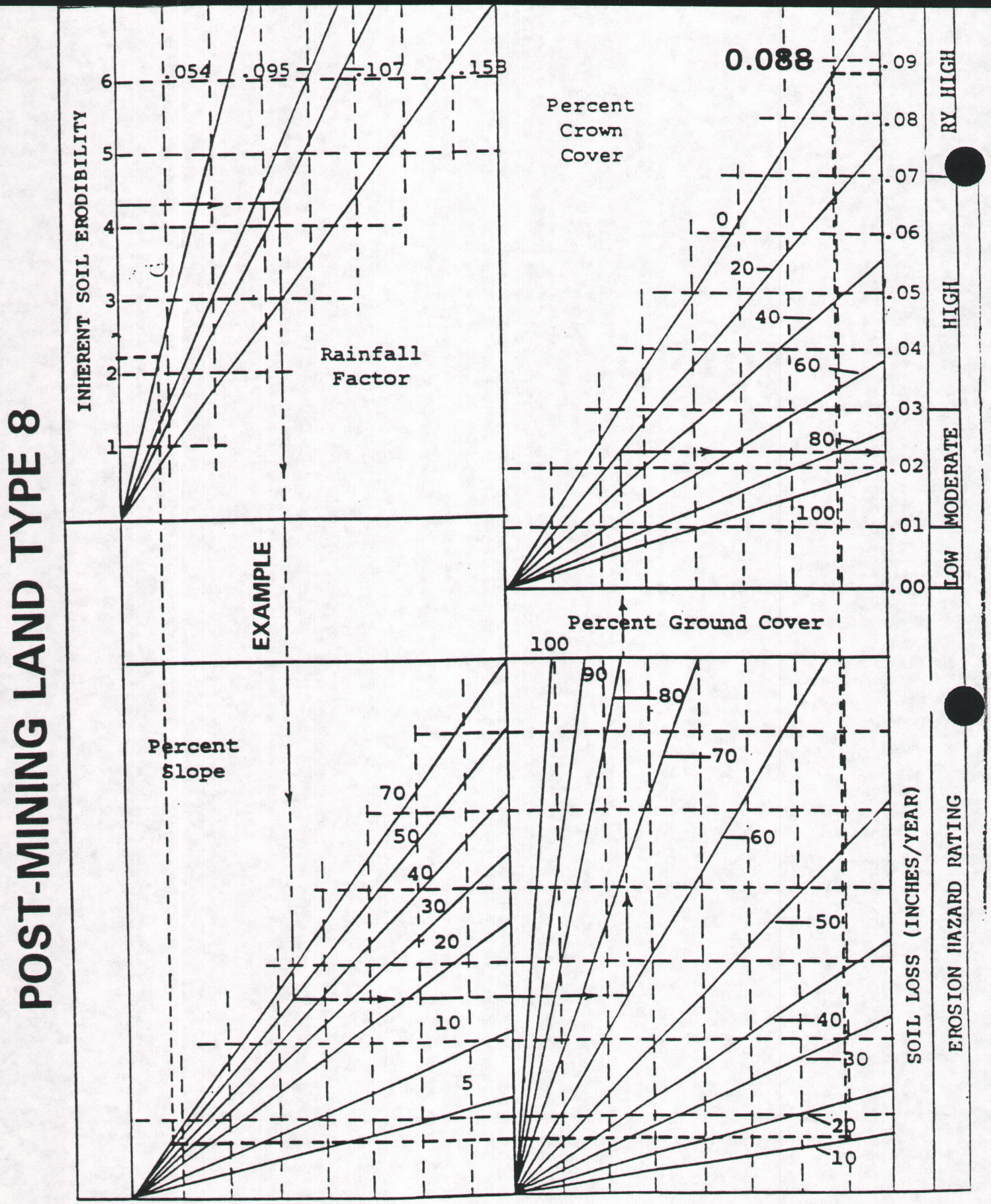

Figure 6. Nomograph for rating erosion hazard.

SOURCE: Tew, R.K., 1973, Estimating Soil Erosion Losses From Utah Watersheds, Forest Service - Intermountain Region, Division of Soil and Water Management, United States Department of Agriculture, Ogden, Utah, 11 pp

EARTHFAX ENGINEERING, INC.
ENGINEERS / SCIENTISTS

PROJECT _____ PAGE 7 OF _____
COMPUTED TJC DATE 4-4-13
CHECKED _____ DATE _____

SOIL LOSS CALCULATIONS (INCHES / YEAR)

PRE-MINING

EARTHFAX LAND TYPE.	INH. SOIL ERODIBILITY	RAINFALL FACTOR	% SLOPE	% GROUND	% CROWN	SOIL LOSS IN/YR
FF #1	2.51	0.054	56.3	3.5	28	0.068
FF #2	2.53	0.054	43.1	25	0	0.045
FF #3	2.53	0.054	58.0	13.5	28	0.062
FF #4	2.52	0.054	46.0	13.5	28	0.048
FF #5	2.53	0.054	47.8	11.5	0	0.085
FF #6	2.2	0.054	45.9	11.5	0	0.070
FF #7	3.0	0.054	65.1	10.1	0	0.100
FF #8	2.22	0.054	44.9	11.3	0	0.077

POST MINING

FF #1	2.51	0.054	55.4	8.5	28	0.068
FF #2	2.53	0.054	43.1	25	0	0.045
FF #3	2.53	0.054	57.9	13.5	28	0.061
FF #4	2.52	0.054	45.8	13.5	28	0.046
FF #5	2.53	0.054	47.8	11.5	0	0.085
FF #6	2.2	0.054	45.9	11.5	0	0.070
FF #7	3.0	0.054	65.1	10.1	0	0.100
FF #8	2.22	0.054	50.8	11.3	0	0.088