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INTERNATIONAL LAND RECLAMATION AND MINE DRAINAGE CONFERENCE

AND

THIRD INTERNATIONAL CONFERENCE ON THE ABATEMENT OF ACIDIC DRAINAGE

Volume 2 of 4: Mine Drainage

Proceedings of a conference held in Pittsburgh, PA on April 24-29, 1994.
This conference served as the annual meeting for both the American Society for Surface Mining and Reclamation and the Canadian Land Reclamation Association.

Copies of this and the three companion volumes can be obtained by through NTIS.
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UNIT OF MEASURE ABBREVIATIONS USED IN THESE PROCEEDINGS

Å	angstrom
ac	acre
Bq	becquerel
bu	bushel
cal	calorie
cm	centimeter
cmol	centimole
cps	count per second
°C	degree Celsius
d	day
dS	decisiemen
ft	foot
g	gram
gal	gallon
gpd	gallon per day
gpm	gallon per minute
h	hour
ha	hectare
hL	hectoliter
hp	horse power
Hz	hertz
in	inch
J	joule
K	kelvin
kcal	kilocalorie
kg	kilogram
kHz	kilohertz
km	kilometer
kmt	kilo metric ton
kN	kilonewton
kPa	kilopascal
kV	kilovolt
L	liter
lb	pound
m	meter
M	molar
mA	milliampere
meq	milliequivalent
mg	milligram
Mg	megagram
min	minute
mL	milliliter
mm	millimeter
mmho	millimho
mol	mole
mmol	millimole
MPa	megapascal
mS	millisiemen
mt	metric ton
mV	millivolt
MW	megawatt
µg	microgram
µL	microliter
µm	micrometer
µmho	micromho
µmol	micromole
N	normal
N	newton
nm	nanometer
Pa	pascal
pCi	picocurie
ppb	part per billion
ppm	part per million
ppt	part per thousand
psi	pound per square inch
psig	pound per square inch gauge
r	revolution
rad	radian
rpm	revolutions per minute
s	second
st	short ton
vol %	volume percent
wt %	weight percent
yd	yard
yr	year

INTERNATIONAL LAND RECLAMATION AND MINE DRAINAGE CONFERENCE AND THIRD INTERNATIONAL CONFERENCE ON THE ABATEMENT OF ACIDIC DRAINAGE

Proceedings of a conference serving as the annual meetings of the American Society for Surface Mining and Reclamation, the Canadian Land Reclamation Association, and the West Virginia Surface Mine Drainage Task Force, in conjunction with the Third International Conference on the Abatement of Acidic Drainage.

ABSTRACT

Mine drainage and mine reclamation are topics of major interest to the mining industry, federal and local governments, and the general public. This publication and its companion three volumes are the proceedings of a conference held in Pittsburgh, Pennsylvania, April 24-29, 1994. There were twelve sessions (69 papers) that dealt with mine drainage, including modeling, geochemistry, prediction, treatment, control strategies, characterization, hydrology, and case studies. These sessions comprise volumes 1 and 2. The six sessions (34 papers) that dealt with reclamation and revegetation of disturbed lands are included in volume 3. Volume 4 includes the six sessions (34 papers) that dealt with such topical issues as fires at abandoned mine sites, subsidence, hydrology, mine wastes, and policy. Poster session presentations are represented by 49 papers and 92 abstracts that have been placed in the back of volumes 2, 3, and 4, consistent with the subject of that volume.