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S U R P A C                    VOLUME BETWEEN DTM SURFACES                    5-DEC-91
EXCAVATION ONLY FROM CELLS 1 & 2 INCLUDING RAMP ON CELL 3

Upper Surface                  :
DTM File                       : LPD1201.DTM
No of data points              :        328
No of triangles                :        447
Datum RL used                  :       460.0
Volume to datum                :    5012536.8
Slope area of DTM triangles    :     157033.4
Horizontal area of DTM triangles :   140357.6
Boundary string  1.  1      from : LPB1205.STR

Lower Surface                  :
DTM File                       : LPD1202.DTM
No of data points              :        316
No of triangles                :        410
Datum RL used                  :       460.0
Volume to datum                :    4352474.8
Slope area of DTM triangles    :     155379.6
Horizontal area of DTM triangles :   140357.6
Boundary string  1.  1      from : LPB1205.STR

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SURFACE TO SURFACE VOLUME      :     660062.1 FT3
Check - Area within Boundary String:  140357.6

EXCAVATION: USING 90 LB/FT3(DRY) = APPROX. 27,000 MT
=============================================================================
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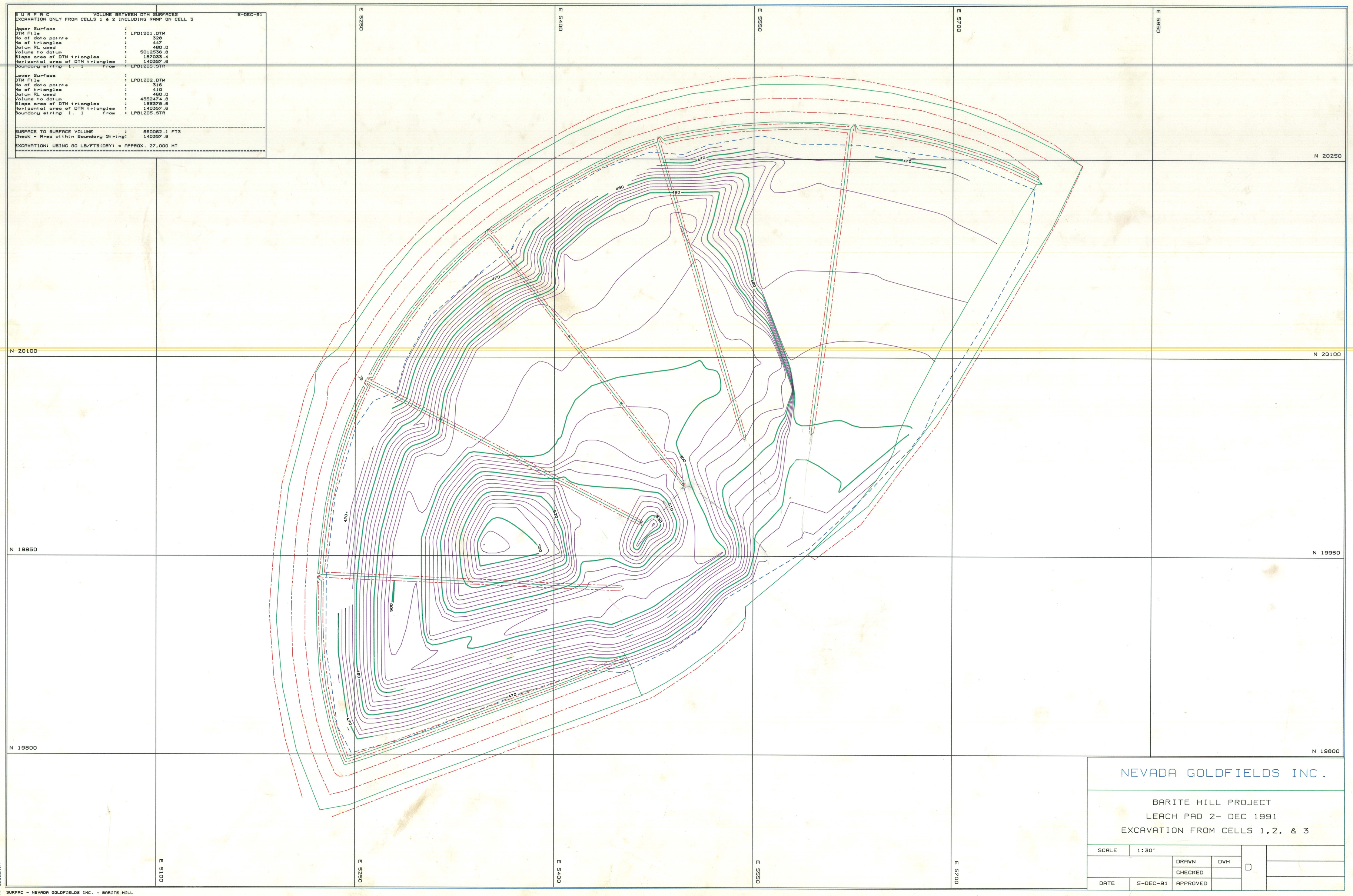

NEVADA GOLDFIELDS INC.

BARITE HILL PROJECT
LEACH PAD 2- DEC 1991
EXCAVATION FROM CELLS 1,2, & 3

SCALE	1:30'			
		DRAWN	DWH	D
		CHECKED		
DATE	5-DEC-91	APPROVED		

L12020A.PP

SURPAC - NEVADA GOLDFIELDS INC. - BARITE HILL