

## Koigu II uuringuruumi ploki 4 aT (pindala 4,27 ha) liiva ja katendi mahu arvutus (arvutiprogramm Surfer 8.0)

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### Grid Volume Computations

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#### Upper Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU REHKENDUS\PLOKK 4 AT\out\_KAT\_LAMAM\_PL\_4.grd  
 Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
 X Maximum: 651079.99  
 X Spacing: 1.000687593423  
 Y Minimum: 6427764.85  
 Y Maximum: 6428375.23  
 Y Spacing: 1.000622950821  
 Z Minimum: 137.16686254898  
 Z Maximum: 149.32210508736

#### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU REHKENDUS\PLOKK 4 AT\out\_LAMAM\_PL\_4.grd  
 Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
 X Maximum: 651079.99  
 X Spacing: 1.000687593423  
 Y Minimum: 6427764.85  
 Y Maximum: 6428375.23  
 Y Spacing: 1.000622950821  
 Z Minimum: 127.10074529536  
 Z Maximum: 135.99927735203

#### Volumes

Z Scale Factor: 1

#### Total Volumes by:

Trapezoidal Rule: 478681.64006138  
 Simpson's Rule: 478728.67007032  
 Simpson's 3/8 Rule: 478656.1734275

#### Cut & Fill Volumes

Positive Volume [Cut]: 478681.64006138  
 Negative Volume [Fill]: 0  
 Net Volume [Cut-Fill]: 478681.64006138

Koigu II uuringuruumi ploki 4 aT liiva maht on 479 tuh m<sup>3</sup>.

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## Grid Volume Computations

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### Upper Surface

Level Surface defined by  $Z = 135.4$

### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 4 AT\out\_LAMAM\_PL\_4.grd

Grid Size: 611 rows x 670 columns

X Minimum:	650410.53
X Maximum:	651079.99
X Spacing:	1.000687593423
Y Minimum:	6427764.85
Y Maximum:	6428375.23
Y Spacing:	1.000622950821
Z Minimum:	127.10074529536
Z Maximum:	135.99927735203

### Volumes

Z Scale Factor: 1

### Total Volumes by:

Trapezoidal Rule:	266971.15431536
Simpson's Rule:	266994.05578869
Simpson's 3/8 Rule:	266965.02281144

### Cut & Fill Volumes

Positive Volume [Cut]:	267076.84649429
Negative Volume [Fill]:	105.69217892659
Net Volume [Cut-Fill]:	266971.15431536

Koigu II uuringuruumi ploki 4 aT keskmisest põhjaveetasemest (+135,4 m) madalamale jääva liiva maht on 267 tuh m<sup>3</sup>.

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## Grid Volume Computations

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### Upper Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 4 AT\out\_MAAPIND\_PL\_4.grd  
Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
X Maximum: 651079.99  
X Spacing: 1.000687593423  
Y Minimum: 6427764.85  
Y Maximum: 6428375.23  
Y Spacing: 1.000622950821  
Z Minimum: 138.83371662695  
Z Maximum: 149.63027554544

### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 4 AT\out\_KAT\_LAMAM\_PL\_4.grd  
Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
X Maximum: 651079.99  
X Spacing: 1.000687593423  
Y Minimum: 6427764.85  
Y Maximum: 6428375.23  
Y Spacing: 1.000622950821  
Z Minimum: 137.16686254898  
Z Maximum: 149.32210508736

### Volumes

Z Scale Factor: 1

### Total Volumes by:

Trapezoidal Rule: 49757.520008364  
Simpson's Rule: 49765.699879587  
Simpson's 3/8 Rule: 49753.695731585

### Cut & Fill Volumes

Positive Volume [Cut]: 49757.520008364  
Negative Volume [Fill]: 0  
Net Volume [Cut-Fill]: 49757.520008364

Koigu II uuringuruumi plokil 4 aT lasuva katendi (muld, moreenpinnas) maht on 49,8 tuh m<sup>3</sup>. Mullakihi keskmine paksus on 0,70 m ja mulla maht 29,9 tuh m<sup>3</sup>.