



सूर्यवंशी न्यास का ये रथिम रथ चलता रहेगा।
पीढ़ियों के रक्त में इसका सुयश पलता रहेगा॥
रीति रघुकूल की जिसे शिव से विरासत में मिली हो।
आंधियों में वह दिया जलता रहा जलता रहेगा॥

egkj.k. lk eokM+ pfj Vcy Okm. Mku
mn; ij 313001] jktLFkku] Hkj r

Mkrq foKku ds fodkl es
eokM+dk ; kxnu
1tLrs i; 'knA ds fo'kk | mHZ e

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, p- oh- i kyhoky] thou fl g [kj doky , oayfyr xitj
mn; ij

i zdk'kd%egkjk.kk eøkM+p§jVçy Qkm.M§ku] mn; ij
I okz/kdkj%egkjk.kk eøkM+p§jVçy Qkm.M§ku] mn; ij
i Eke I Adj.k%2011
fMtkbu%ehfM; k fMtkbz , .M fiñVæ I Vj] fl Vh iSyd] mn; ij

I ph

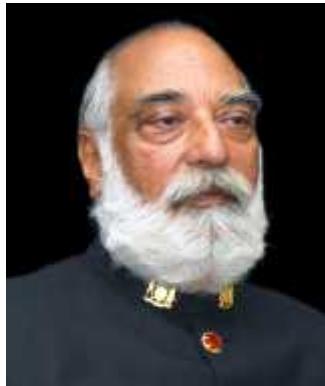
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01	i kDdFku Jhth vjfon fl g eokM+ v/; {k ,oai cak U; kl h egkj.kk eokM+psjVcy Qkm.Ms ku	01
02	vky[k	02
03	i Lrkouk	03
04	vkkkj	04
05	/kkrqfoKku dsfodkl eaeokM+dk ; kxnu tLrs ¼ 'kn½ ds fo'ksk I mHkz ea	05
06	i kphu I kfgR; ea tLrk	06
06	tkoj dh i kphu [kua	15
07	I hl k] tLrk o pkph dh i kphu [kua, oainko.k LFky	12
08	tkoj dh i kphu [kua	15
09	tkoj ea tLrs dh [kst o mRiknu	20
10	tkoj ea i jkrkfRod vo'ksk	29
11	tkoj ea fdyk vks dkxkxkj	32
12	y[kd i fjp;	40

चित्र सूची

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fp= 4- njhck dh [kku eaydMh dk <pk
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fp= 7- tkoj ekyk dh , d ikphu [kku
fp= 8- [kku eayxkbz xbz pkMh I h<
fp= 9- [kku I s i klr ydMh dh ukyh
fp= 10- [kfut dks dWus ds fy, cuk; s x; s xM<
fp= 11- tkoj ea [ksth x; h tLrs dh Hkêh; ki
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fp= 12- tLrs dh HKVvh ea fNfnr feVvh dh lyV
fp= 13- Hkêh ea iz Dr Fkpyh
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fp= 15- vdcj }jk 1592 bZ eavgenckn eacuok; sfl Dds
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fp= 17- tkoj ds ikphu efnj
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fp= 20- tkoj ds ikphu fdys ea fLFkr I wZ dh ikphu efrz
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fp= 23- fl Vh i Syd ea tkoj ds dkxkxkj I s I Ecfl/kr mi yC/k fjdkMh
fp= 24- fl Vh i Syd ea tkoj ds dkxkxkj I s I Ecfl/kr mi yC/k fjdkMh
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I kj . kh I iph

- I kj . kh 1- njhck dh ikphu [kukal sl cf/kr jSM; ksdkcZu }jk dky fu.k
I kj . kh 2- vlxpk dh ikphu [kukal sl cf/kr jSM; ksdkcZu }jk dky fu.k
I kj . kh 3- tkoj dh ikphu [kukal sl cf/kr jSM; ksdkcZu }jk dky fu.k
I kj . kh 4- tLrsdsvkj kxrd mRiknu I sl cf/kr jSM; ksdkcZu }jk dky fu.k



The Palace
Udaipur - 313001
Rajasthan
India

i kDdFku

eoKM+jkT; us'kq I sgh fonsh vkoarkvkal sdbzckj ykgk fy; k fQj Hkh ; gkj dsmlkjf/kdkfj ; ka }jkj vi us'kk udky eadbzfo'oifl) dk;] vi usjkT; dksI okjusrFkk iztk dksjkstxkj fnyku\$ dh nf"V I sfid; stkrsgA eoKM+jkT; dh vud ; kstukvka, oa; gkj dh xkj o&xkfkkvkaus nsk&fonsh dsfo}kukadksvk'p; Zpfdr dj mUgadye mBkusdsfy; sdbzckj ck/; fd; k gA

i kphu f'kyky[kkarFkk i trdkae eoKM+jkT; dk uke *enikV* feyrk gSft l scky&pky dh Hkk"kk ea *eoKM*+dgrsgA bl h eoKM+jkT; eai kphu l e; I sgh chxkn] eMyx<} tgkt ij] i kj l ksyk vlfn LFkkukal sykgk i klr gkskjgk gA

mn; i j jkT; eavj koyh dh i gkfM+kafLFkr *tkoj* uked [knukal spkn] tLrk , oal hl k i pj ek=k ea'krkfCh; kal sfeyrk jgk gA jkT; eabu [knukal spkn] fudkyh tkrh Fkh rFkk njhck ea[kuu dj l hl k fudkyk tkrk jgkA jktuxj rFkk ml dsvkl & i kl dsdbZLFkkukal s [kuu dj l aejej i RFkj fudkyk tkrk jgk tksfo"o eavi uh vyx igpku j [krk gA fpUkkM+dsdkys, oafuEckgMk ea i k; stkusokysgYdsgjsjx dsirFkj dks [kuu dj l fn; kal si klr fd; k tkrk jgk gA

Jh , p-oh i kyhoky , oamudsI g; kfx; ka }jkj jfpr B/kkrqfoKku dsfodkl eaeoKM+dk ; kxnku\$ uked 'kkk eaeoKM+dh i kphu l fu; kstr ; kstukvka dk l foLrkj o.ku gA 'kkkkFFk, ka , oal kekU; ftKkl ykadsfy; si ek.k l Eer ekSyd Kkuo) Zl l kexh mi yC/k djkusdk mudk ; g vfrl jkguh; i z kl gA

bl 'kkk i zdk dksizdkf'kr dj Qkm. M\$ku y[kdkadsifr vi uh drKrK Kkfir djrk gSvkj eoKM+ ds'kk'or ew; kadsI jsk.k dsifr vi uh opuc) rk dksiu%nkqjkrk gA



अरविन्द सिंह मेवाड़

अरविन्द सिंह मेवाड़

vkys[k

fo'o dh i kphure i ořekykvkael s, d vjkoyh i ořekyk dh I jE; xkn eafLFkr gSeokMA eokM+tgjviuh I ?ku oul Eink dsI kFk gh mllur df"k dsfy, fo[; kr g\$ ogha; gk dh /kj rh vi usxHkZea cgeV; [kfut dksI fpr fd, gA i pj ty I d k/kukadsI kFk vi usi kdfrd i fjošk dskj.k gh eokM+fn; krd fonskh vkočkUrkvkaedksi jkLr djrk gvk vts jg I dkA

eokM+ds I wždkh 'kkl dkadh 1400 o"kkI spyh vk jgh ořki jEijk ea, d I sc<+dj , d ; 'kLoh 'kkl d gq gšosvi usl kgI , oa'kk\$ Zdsfy, gh ughoju Kku&foKku , oadyk dksvuNþÅpkb; ka rd ystkusdsfy, Hkh fo[; kr gA

foxr 23&24 o"kkI segkjk. kk eokM+pſj Vcy Qkm. M\$ku dsv/; {k , oai zU/k U; kI h] eokM+jkt?kjkus ds 760a ořk/j Jhth vjfoln fl g th eokM+eokM+dh I kfgfR; d] I hLdfrd , oa , frgkfl d i gkrkfrod /kjkgjkadsI j{k.k dk dk; Zvi uk nkf; Ro I e>dj dj jgsgA vki usvi usi vZtka }jk fd, x, tuki ; kxh dk; kdkstu tu rd i gpkusdk I jkguh; dk; Zvi usgkFk eafy; k gA bl h Øe eaoekM+dh I e) [kfut I Eink I si fjp; djuk Hkh gA

; wrkseokM+dh jRuxHkZ/kjk easykjk] I hl k] tLrk , oavHkd t\$ h cgeV; /kkrvkaedsl kFk gh jktuxj dsl xejej , oafpÙkkM+dsdkys i RFkj dh vdir I a nk g\$ i jUrqoržku fodfl r rduhd dk i z kx djusl s; gkal kusdshk. Mkjkal fgr vU; [kfutkaedh mi fLFkr dshkh i zek.k feysgA

; narksxr 5000 o"kkI seokM+ea [kfutkaed [kuu ds i zek.k feyrsjgsg\$ i jUrqegkjk. kk yk[kk dks oKkfud i) fr I s [kfut [kuu dksfodfl r djusdk J\$ narksvfr'k; kfä ughagkxhA mlghads 'kkl udky 1/382&1421%eal ořEke tkoj dh [kkukaI s tLrk] I hl k] , oapknh fudkyh x; hA ; gka [kuu dk; Z19oh&20ohal nh ds dN o"kkI dks NkM+dj egkjk. kk I kakk] egkjk. kk i rki I syxk dj egkjk. kk Hkiky fl g th rd vuojr : i I stkjh jgkA gekjsfy; s; g vR; Ur xoždk fo"k; g\$fd tLrst\$ h cgn; kxh /kkrqI sfo'o dksifjfpr djkusdk egrh dk; ZeokM+usfd; kA

Tkkoj] njhck vlg vxpk I fgr vU; Nkvh cMh tLrsdh [kkukaI s tul kekU; I fgr fo}r tukadks i fjfpr djkusdsfy, egkjk. kk eokM+pſj Vcy Qkm. M\$ku] mn; i j us, d i kst DV ds: i eav/; ; u dk dk; Zjh , p-oh- i kyhoky] Mkw thou [kj doky , oah yfyr xtct] dksI k\$ k] i Lrqt 'kk\$ kml h dk I Qy gA

i Lrkouk

eoKM+dsjk. kk&egkjk. kkvka} kjk vi usvi us'kk u dky eaf; sx; sykddY; k. kdkjh dk; kdk vkt Hkh eoKM+jkt?kjkuk i jh rjg I o/ku dj jgk gA eoKM+dsegkjk. kkvka dh njnf'kjk dsdkj. k vkt eoKM+f'k{k fpfdRI k] ty i zlu/ku ds{ks=karFkk I kLNfrd fojkl r okyh I Ei nkvakdsI j{k.k} /kfebd , oai jkis dkjh dk; krfkk i ; kbj. k i j{k.k} dh fn'kk eavuojr~dk; Zdj jgk gA vi usi oztka }kjk LFkkfi r eW; kdk fuoju djrsqg sQkm. Ms ku dsV/; {k , oai zalk U; kI h Jhth vjfoln fl g eoKM+ vkt Hkh bu dk; kdk i kfkfedrk dsV/kkj ij vi uh nfid thoup; kLei jk dj jgsgA eoKM+ds egku ekuo eW; kadsI j{k.k} dsifr vi uh opuc) rk dksJhth usvi uh usrd ftEenkjh I e>k gA fujUrj eoKM+dh defu"Bk dksI kdkj djusdk mudk I i uk ubzi h<# dsfy; sLFkkfi r vkn'kLeW; ka I sde ughagA

vlfnnø Hxoku Jh I wZkjk; .k dh v[k.M odk i jEijk ds dynhi d , oa eoKM+ds 76o odk k/kj Jhth vjfoln fl g eoKM} v/; {k , oai zalk U; kI h] egkjk. kk eoKM+pff Vcy Qkm. Ms ku mn; i j dscgvk; keh 0; faro dksdyec) djuk i R; {kr%mruk gh vI Hko gsftruk fd txr& I pkyd I wZnø ds i zdk'k dks eW/Bh eacln djukA Jhth eoKM+dh fojkl r] dyk] I Ldf , oa i kphu I H; rk dsl okgd rksgSgh I kfk gh I kfk I kelftd] /kfebd o i jkis dkjh dk; kadsi jkdkk Hkh gA mudk thou rFkk 0; fDrRo I Eiwkz: i I sdakyUkj I spyh vk jgh eoKM+dh i jEijkvka dksvketu dschp eW , oaeSyd Lo: i eathfor j [kusdksI efi gA fo'o dsikphure jktodk dh ; 'kLoh i jEijkvka dsI {ke I okgd dk mnkUk thou pfj= brusfofo/k vk; keadksvi usHkhrj I eWsgq gsfld mlgaojh; rkOe eakky dj I kfkld : i I smudk o.ku dj i uk ok.khi kadsfy , vr; Ur nq g gA vkt mudsdqky funku eaoKM+dh vo/kkj. kk i zdk'k dh rjg pkjkaVkj fujUrj Qsy jgh gsrFkk mudh vkhk I sl ojkjk oxzykhkflor gksjgk gA fi NysdN o"kkjeJhth ds}kjk djk; sx; sdk; kdkh otg I seokM+dk uke I eipsfo'o eajksku gvk gA pkgsog I ksyj Åtklds{ks= eauohure i z kx gka ; k i kphu fojkl rkaoxyh bækj rkadksmuds eW , oaeSyd Lo: i eacuk; sj [kus rFkk I j{k.k} , oa I o/ku dh fn'kk eaf; sx; sdk; ZgkA

Qkm. Ms ku usbl dk; Zdksdjkusdsfy; sxMxkø eafLfkfi r Lo; d osh I Lfkku nks kk dh I ello; d MKwf'k[k tø dsI g; kx I si gyk dlutoøku ekLVj lyku r\$ kj djok; k gsrFkk lyku dh fØ; kfUofr dsfy; snh xW/Vh Qkm. Ms ku] ; wI , I svkffkd I g; kx Hkh i klr gvk gA Qkm. Ms ku usdlUtoøku ekLVj lyku dsrgr foftkulu xfrfof/k; kdksvi usgkFk eafy; k gA bl dsrgr gky gh eafI Vh i syd eafjLd eustetW dksyqj dk; Zkkyk dk Hkh vk; kstu fd; k x; kA bl dsi oZHkh i kphu I Ei nkvakdsI j{k.k} dsfy, dbz dk; Z Qkm. Ms ku usfd; sgA ftUga n[kus rFkk mudk v/; ; u djusdsfy; s egkjk"V] xqtjkr] fnYh vknf jkT; k a I s dbz ny mn; i j vk; s rFkk ; gkaf; s tk jgsdk; kdk voykdu fd; kA orøku eQkm. Ms ku usbu xfrfof/k; kadsI kfk >hy , oaunh I j{k.k} dk dk; ZgkFk eafy; k gA Qkm. Ms ku us [kkyh i Mh >hykadh I QkbZdsfy; svkffkd I gk; rk nsu\$ Lo; a>hykadh I QkbZdsdk; Zdjoku\$ vyx&vyx bykdk I scgusokyh ufn; kdk , d I eackaksdsfy; s 0; k[; ku vk; kstr djusdsdbZdk; Zfd; sgA Qkm. Ms ku dk dk; Zvkhxshh bl h i zdkj tkjh jgskA

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y[ld Jhth vjfoln fl g th eskm+ds vkhkkjh gfd
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; 'kn dk ; k=koÙk

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i kphu xFkaea/kkrqka, oa[kfutkakd fooj .k &

i Foh dks'jRuxHkkz dgk x; k gA bl dk xHkzdkf dk fo"k; jgk gA ; tøh dk _f"k HkkHkzI si klr
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[kfut rRo] i k"kk.k] muke feeh] Nk/CM&i o[r] js] ouLi fr] Lo.k] ykgk rkeykg] ' ; ke ykg] I h k
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/kkrqkadk Kku _f"k; kdksgekjh I lñfr vkg I h; rk dsm"kkldky eagsx; k FkkA

; yki eavBkj goha'krknh eavkS kfxd Økfur I scgr i gysHkkjr eavud m | kx vflrRo eavk pd
Fks; Fkk d i Mh uhy] ykgk rpkj] I h k] tLrk vkgfna Hkkjr dsvf/kdkak m | kxkakd ek y bLV bf.M; k
dEi uh dshkkjr ij 0; ki kfjd dctsI si zgh nf{k.k, f'k; k] phu] i f'pe, f'k; k] e/; , f'k; k] ; yki o
vYhdk rd i gip jgk FkkA ; g vkg p; Zdh ckr gSfd fcrkuh I jdkj ds150 o"kkds'kk u dky ds
nkjku vkg fuof'kd uhfr; kadsrgr Hkkjr dsreke i kjeifjd m | kx I ekir gksx; srFkk I kus dh
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nfu; k ds i kphu I k—frd dñkaeaI s, d gksusdsdkj .k Hkkjr eavud i dkj dsKku&foKku ,oa
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ckj jktulfrd mFky&ifky dsckotm rduhdh fodkl dk Øe vuojr jgkA ; | fi _f"k] 0; ki kj] /kkrqixyu vkgf m | kx I keku; r%jkT; @jktk dsfu; U=.k eajgsijUrqjktulfrd vflFkjrk eahkk
bu {ks=kaeagekk ixfr gkrh jghA Kkr bfrgkI es-f"k o /kkrqdk mRiknu ekS Zdky I sgh geskk
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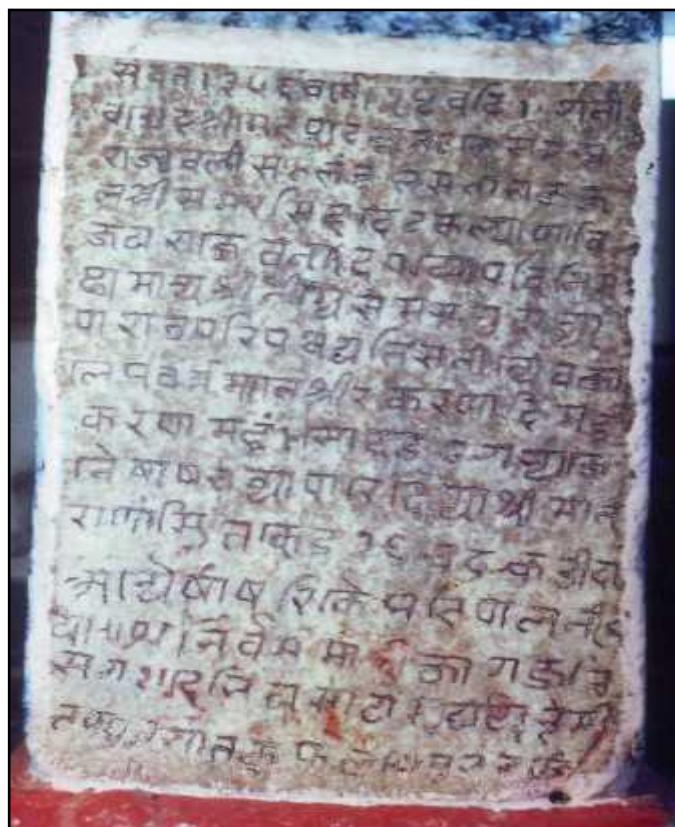
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dh fuxjkuh djusdsfy, dgk gA %ckgLiR; 3]26&27½dgk x; k gSfd /kkr&vydkj fo"k; d fo | k

I sgh fl f) feyrh gS& vydkj fo | kfHk%fl f) ayHks-A ½ckgLi R; 3]21½euqusvkdj dj dk i ko/kku jkT; dh I ef) dsfy, fd; k gA ½eulfr 7]130½Hkh'e usHkh fgj.; dj ds: i eal Hkor [knukadks jkT; fu; &.k eaj [kusdk er i zV fd; k gA ½egkHkkjr 'kkfuri o23] 67½dkend us [kfu vk; vks vkdj&vk; dksdksVY; dh Hkkfr gh egRoi wkkZekuk gA ½dkend 5]78½dkdksVY; [kku] eakoy; vklfn eavk/kkjHkr I fo/kkvkaij Hkh tkj nsrk gA ½vFkZ kkl=] v/; {k i pkjk/; k; 2]1½

, \$ k i rhr gksrk gSfd esokM+ealHkh egkjk. kkvausgekk bl ikphu uhfr@ijEijk dk vuqj.k fd; k t\$ k fd njhck dh ckphu [kku dsnf{k.kh Nkj i j fLFkr vUui wkkZekrk dsefUnj eajkoy I ej fl g dk fo-I a 1356 dk vfHkys{k yxk gvk gSfp= 1/A Jh xkjh'kodj ghjkpoln vks>k usvi usxHfk mn; i j jkT; dsbfrgkI i- 177 eabI vfHkys{k dk I nHkZfn; k gA mUgkauvfhkys{k dh çFke i fDr dksfuEu çdkj m) r fd; k gS%I or-1356 o"kl ts ½T; \$B½ofn 10 'kuko | g Jh eni kVHkeMysl eLr jktkoyh I eyNr Jh I ejfl gano dY; k.kfot; sjkT; s--A

Jh vks>k fy[krsg\$fd ; g vfHkys{k ml I e; dk gStc egkjkoy I ejfl g esokM+i j jkT; dj jgk Fkk rFkk fuEck ml dk egkekR; FkkA dj .k o I kgM usmDr noh dsefUnj dks16 nEe Hkk/ fd; BA

bl [kku I sDiamond Drilling e263 elVj dh xgjkbzI scklr ydM] tksckphu [kku dksSupport djusds mi ; kx eaykbzxb] dh Carbon dating }ijk Kkr 1790 \$120 o"kl ijk gSft I I s; g Li "V gksrk gSfd egkjk. kk us/kkrq[kuu dsdk; ZdksI j{k.k fn; kA ; | fi /kkrq[kuu dk dk; ZeokM+eade I s de 5000 o"kkal sfd; k tk jgk gA t\$ k fd exfLFkuht usfy[kk gSfd di \$/sy; k ½Capitalia vkcw i o"kl dsnu jsik'oldsfookl h I ksuvs vks pknph dh cMh&cMh [kkuafolrr {ks ea [kksrsgA ; g {ks cl Urx<+I sydj ckd okMk txijk&Hkk{[k; k rd dk jgk gksrkA , \$ k vufer fd; k tk I drk gS



fp= 1- njhck dsfudV vUui wkkZekrk dsefUnj eajkoy I ejfl g dk vfHkys{k

YexFLFkuht dk Hkkjr o.ku] i "B 129 , oalyhu%upjy fgLVt vi 21] 23% ijUrqegjk.kkvksds I j{k.k dsdkj.k e/; dky ea/kkrqkfo'kksdj tLrsdk 0; ki kj fons kka/bjku] vYhdk] bkySM% I s gyk rFkk egkjk.kkvksausjkT; I ef) dsfy; suohu [kkuayxkbA fpUkkMx<ftyseejyk i pk; r ds Nks/k njhck eaejkjk.ks vejfl g ds'kkl udky ea[kku fo | eku Fkh 1Jh N".k tkuu vkvksxk py% jkt- if=dk] mn; ij%

I u~1921 eafl U/kqI H; rk dh [kkst I siDzif' peh nfu; k dsyks ; gh I e>rsFksfd Hkkjr ea I H; I ekt dh 'k#vkr fl dUnj dsvkOe.k dsckn gh gpkZrFkk I eLr Kku dk iDkj ; nku I s gyk gA vks fuos'kdokn dh tMaHkkjr ea bruh xgjh gafd vktknh dh vk/kh 'krkCnh xqtjusds ckotn Hkh ge ; g I e>rsgfd I eLr vklfud Kku dk I ts if'pe gA bl dsdkj.k geus Lo; adksvi us i kjeifjd Kku I svyx dj fy; k gA Hkkjr dh vktknh I siDzekuo ds Kku foKku ds vusd {ks=k tS s/kkrqfoKku] oL=fuelZk] fpfdRI k 'kkl=] I eph&; k=k o 0; ki kj] tgkt fuelZk o 0; ki kj] n'ku] xf.kr] uhy mRiknu vlfn ea v}rh; ; kxnku fd; k] ijUrqHkkjr ds; kxnku dksHkkjr ea; k Hkkjr ds bl ; kxnku dksfdI h Hkh fo' ofo | ky; ea i <k; k ughatkrk gS tcfd Nkns; mifu"kn ea, sh fo | k dsi Bu&i kBu dk I ts feyrk gA i ksf.kd vks tkrdka dsHkkys ea bl Kku dk fodkl vks ijLij i zh.kl gA dksVY; I ts nsrk gSfd /kkrqdh [knukadsv/; {k gksusdsfy, ml s'kyc 'kkl= Yefir Kku% /kkrqkkl= i vikd dk 'kksku fof/k; ka ea".kkr gksuk pkfg; s%vFkZ kkl=] jkek'kkl=h I Ldjk.i : I a 81%

gMhi k I t-fr dsyksausl cl si gysl pzeavkj[k cukt] eki &pkS k ds i kuso okLr dk kkl= dk Kku gksus dsdkj.k fof'k"V iDkj dsuxj cl k; stks vkt Hkh fdI h uxj I jpuh dsfy, vf}rh; gA nfu; k ea l cl si gys LVhy Hkkjr ea cuktA ; gk] I smI dk 0; ki kj nfe'd 1/ hfj; k% ds I kfk gyk] nfe'd I sog ; jki o vU; txgk ea i gpk] tgkaml s nfe'd LVhy dgk tkrk FkkA vks; kke ds; kxnku dksdkQh yks tckuh tkursgA Hkkjr ea eLye vlfne.k I siDzgh gekjk okskud Kku if'peh, f'k; k o vjc dsfgLI sei gp x; k FkkA ogk] sbl s; jki dsyksausl h[ka

vc nfu; k Hkj eagekjsvd] vjfc; u U; ej y dsuke I stku tkrsgA ; g dS h foMEcuk gS el ky} uhy o di Msdso; ki kj ea Hkkjr us [k uke dek; k o budsfuelZk o rduhd dk Hkkjr ea tksHkh i kjeifjd Kku fodfl r gyk ml ij , d Hkh i trd mi yC/k ughagA uhy o LVhy dh rjg tLrk Hkh I cl si gysHkkjr ea cuuk 'k# gyk A ; | fi tLrsds [kfutkads[kuu , oainko.k dsbfrgkI ij dN 'kksk dk; Zvo'; gyk gSi ijUrqvHkh rd dkbsi ksf.kd i trd mi yC/k ughagA *tLrsdh rjg ykgk] di Mkt vlfn vusd , sh oLrq agftudh rduhd dsfodkI ea eokM+us; kxnku fd; kA ; gk] i kbZtkus okyh Hkj kol* tS h tkfr & i zeko.k fØ; k ksf.kr m | e dksdju sokyh jgh gA og v; Ldkal s/kkrq'kksku vks /kkrqI sxgkadsfuelZk fu: i .k rd dh ifØ; k dks i jEijk I stku h gA I a kx gSfd ; syks vi uk iDkj [kku {ks=kal sgh ekursgA bu ykskadsxsks= vVdavkS dlynoh dh eku; rk bl rF; dh ifjpk; d gA crky yks Hkfe dsrykads tkuoj gksFkA ; shkflexr i RFkjkads vks/kkj ij ml eaiklr æ0; v; Ld] i ku&tkuoj rd dsKku gksA tkoj {ks=dsefnjkæasokykadh fo | ekurk dk cksk gksk gaf'kykfnR; dsI keksyh vflky[k ea; g o.ku gA ; skL; yksd thou vksjeirkfn Rikfn% ra

ekj.; dii fxjkSA ukuknslkfnekr v"Vkn'k oskfyykd fo[; kra-A ¼ kekyh vflkys[k bZvkbZ okW; -xx i- 97&99½ l kekyh dk/Mk ol Urx<+dschp gsvkj vlcwdsnl jsi k'ozeai Mfk gftl dk ftØ exfLFkuht usfd; k gA

tLrk ikphu l e; eae[; #i l sihry ; k vk; pñnd lkLe cokus ds dke vkrk FkkA vk; pñ ah ekU; rk gsfld ; g jkak tS k vks i hry dsgsqi z Dr gksk FkkA bl dk Lokn røj frDr ¼rh[kk½ekuk x; k gßbl dh i ñfr 'khry vks dQ&fi Úk nksk uk'kd gA eg] i hfy; k 'kkEk 'okl jks dsfunkukai j bl dk mi ; ks gksk FkkA lkko i dk'k* eadgk x; k gS&

; 'knajx l n'ka jhfrgrj p rllereA
; 'kna røjafrDra 'khryadQfi ÚkgrAA
p{kñ; a i jeaegku~ik.Møokl 'ka uk'k; sA lkko- ; 'kn½

ræ l k/kdkadksbl dsxqk/keZdk i rk FkkA os/kkrøkn&i z ks eabl dk i z ks djrsFksvkS b"V fl f)
i klr djr} mÙgaKkr Fkk fd l ø.k] jtr] rke] jkak] ; 'kn] l hl k o yksk ; sl kr /kkrqi oñ l smRi uu
gksrgß%

l ø.k] jtrarkeajx ; 'kneso pa
l hl ayks 'p l lrs /kkrokfxfj l EkkokAA ¼okjkgr½

orðku eitLrk vud i dkj dsm | ksksæsi z ks fd; k tkrk gA

Hkjrh; mi egk}hi eaejx < ¼ kfdLrk u½ e6500 o"kl i oZl cl si gysrkcsdk i z ks fd; k x; kA
yxHkx 5000 o"kl i oZl vud i bx-gMti k l L-fr dh cfLr; kæayks rkcs dkj so l ksk tS h/kkrøkal s
i fjfpr gksqplksFkkA gMti k l L-fr ds'kgjkæaLo.k] rkcs dkj } fVu] l hl } plnh o vkl fud dk [kc
mi ; ks givKA bllgha/kkrøkadk ftØ ; tøh eavk; k gS½euq 18]3½A ; g jkpd ckr gsfld gMti k o
i bx&gMti k l L-fr; kadsfy; sbu /kkrøkadk , d eq[; o fudVorhZ l krtLFku ; k vjkoyh
i oþekyk FkkA bl sckgZl R; l # vks i jk.kka ea i kfj; k= i oñ dgk x; k gSvkS bl dh rhu
Jf.k; kj crkbzxbzg½ 81 o 105½A gMti k l L-fr tc xteli.k Lo#i eaFkh ml h l e; mÙkjh
jktLFku ea x.ks oj & tkskjgk rFkk nf{k.kh jktLFku ea vkgM+uked dk; ; qhu l L-fr; kdk
mn; gksqplksFkkA ; svjkoyh i oþekyk dsI cl si gysi 'kjkyd] -"kd o /kkrøfoKku dsKkrk
FkkA bllgha ykska us [ks-Mh] fl ðkkuk o nf{k.kh jktLFku ea vud LFkyka tS snyokMk] eVw
mejMk vkgM+uked dk jkckorh½ ea i jkrkfRod mR[kuu ds 4000 o"kl
i kphu rkcs xkyusdsvo'ksk i klr gq A

ojkg i jk.k ftl dk jpudkj ykgkxly ¼chdkuj½ l s i fjfpr Fkk us rkcs dh mRi fuk dh dFkk nh gA
vkgM+eas e/; dkyhu efunjka ea Hkh dN , s fp= mRdh.k] fd; s x; s gß tks l Ekkor% /kkrødk

fcfV'k E; fit ; e] yllnu }jk , d ekukxQ r\$ kj fd; k tk jgk gA

* jktLFku fo | ki hB] mn; ij dsMk- thou [kjdky dh i kphu Hkjrh eitLrk mRi knu^ uked
i trd bufQfuVh Qkm. Msku] vejdk dsI g; ks l si zdk'kr gþzgA

bPNkuq kj dW dj o xykdj vklkj nsusdsgA ¼; Fkk i fyl pkfhl dsi hNsfo". kqefnj dk f'kyki ê½ bu i eek. kkal sLi "V gksk gSfd jktLFkku ea/kkrqi xyu ijEijk vR; Ur i kphu gA I Hkh i gkfon bl ckr l sl ger gSfd vjkoyh i oñekyk dh bu l L-fr; kausgMti kokfl ; kacaks/kkrqkao vU; [kfut dks mi yC/k djkdj muds 'kgjhaj .k ea egRoi wkl ; kxnu fn; kA i ks Mh-i h vxoky us 1971 ea gMti k l L-fr ds rkcs ds vklkj dk jkl k; fud i jh{k.k dj ; g Li "V fd; k fd buea [kfut l YQkbM dsl eu gA bl l s; g Li "V gksk gSfd de l sde 4500 o"kl i oZvjkoyh {ks= eaxgjh /kkrq dh [kkuayxkbztk pph FkhA

i kphu l kfgR; ealLrk %

; mks i kphu l e; ealLrk ed[; : i l si hry cukusdsfy; smi ; kx gyk i jUrqi hry cukusdsfy; stLrsdk /kkRoh; : i eagkuk vko'; d ughagA tLrso rkcsds [kfut kacakscln Hkh eal kf&I kf k xkusl shkh i hry cu l drk gSi kphu fo'o eabl rjg dsi hry dsl sMkamnkgj .k ekstn gA bl h dkj .k tLrsi si hry dk bfrgkI cgr yEck gA i kphu l kfgR; tS seu[efr] i ratfy dseghkk";] fou; fi Vd] efT>e&fudk;] l qk fui V] vañrj fudk;] pjd , oal qj I figr] egkHkkjr vknf ea jhfr ½dk o.ku vud LFkykai j fd; k x; k gA dksVY; dsvFkZ kkl= ea^jhfr* rFkk ^vkj dW* l s bI sl Eckf/kr fd; k x; k gA tgkard i kphure i jkrkfrod l k{; kacdk iz u gSxqjkr eaykky uked gMti k l Ldfr dsLFky l s, d i hry dh oLrqdk i kphure mnkgj .k i klr gA bl dsi 'pkr~vrjat h [kMk ½m-i z/uked fpf=r /k j enHkk. M l Ldfr dsLFky l si hry dh oLrq a [ksth x; h gA bz i w f}rh; 'krkCnh l sxjr l ekT; rd mRrj Hkkjr eavud {ks=h; jktkvkadsi hry dsfl Dds [kst sx; s gA r{kf'kyk ea; oukadsvkxeu l si oZdh cLrh eai hry dscrzu ik; sx; sgA l kroha'krkCnh eaphuh ; k=h geul kx ukyunk eai hry l scu jgs, d fo'kky ck) fogkj rFkk vud i hry dh efrz kacdk fooj .k nsrk gA bl rjg dsl kfgfR; d , oai jkrkfrod l k{; kkal sLi "V gksk gSfd Hkkjr eabz i w 1000 dsvkl i kl l sgh i hry dk iz kx ipyu eaFkkA vks= fryd] f'koijk.k ldnijk.k esfir y dh efrz kacscukusdk o.ku gA e; nhfi dk eai hry dk otyi cukusdh ifØ; k fy [kh gStksqtkj o"kk rd [kjkc ughagksk ½jh Ñ".k tku%e; ere Hkkx&2 i "B 621½

I aq; "Vks l hl Hkkxku-dkL; }ks rFkkakdke-A
jhfrdk; kLrq l UrLrksotk[; %ifj dhfrz% AA

euqdsdky rd rkez[ykqk] dkL;] i hry] jkak] l hl sdh {kkj] vEyh; ty vks i ku l s'k) dh fof/k i pfyr gksusdsi UnHkkfeyrsgs&

rket; dkL; jR; kuka=i Hkkxku-dkL; p A
'kpa; Fkkjdrk; a {kkj kxkndokfj fHkkAA eulefr v/; k; 5]114

egkjk.k dkk ds'kk udqy rd i hry dk iz kx gksusyxk FkkA v"V ykq ea; g , d Fkk ½jh Ñ".k tku%kakj%nokefrzidj .k 6]60%

bl rjg dsfooj .k l s; g Li "V gksk gSfd i hry cukusdk Kku Hkkjr dsyksausfodfl r fd; k rFkk bl k dh i kqkakj 'krkCnh; kacatk phu dsl kf fgeky; h {ks= l s0; kikj i kqkakj gyk i hry dk Kku phu i gpkA phu earrh; 'krkCnh ds , d ck) xek l si gyh ckj i hry dh tkudkjh gksk gA

oKkfud vuq ákkuka l s; g Li "V gks pdk gSfd i hry ea tLrsdh ek=k 33 ifr'kr I svf/kd rHkh
 I EHko gStc /kkRoh; tLrk o rkcsdksfeykj i hry cuk; k x; k gkA Hkkjr ea, l k i kphure i hry
 dsmnkj. k r{kf'kyk ½c i kfdLrku esfLFkr½rFkk xak?kkVh ea l supkj uked LFky I si klr gq gA
 ; sLFky 200 bzi w l sbz 200 dschp gI vFkkHkkjr ea tLrsdk Kku de l sde 2000 o"kz i kphu gA
 bl dsvfrfjDr vk; pñnd xfk 'pj d*, oa'l pñr I figrk* ea"l kñhjkatu** dh HkLe dh ppkZgsft l s
 us=ka ds fy; s i z kx fd; k x; kA i kN ØMkfd] , -ds fo'okl o yfyr xqj vkn oKkfudka us
 l kñhjkatu dh i gpk u LrsI sdg gA ukxktu jfpr "j l jRukdj** uked ifl) xfk tksI EHkor%8
 oha'krkCnh ea l dfyr gyk ml ea tLrs dsinko. k rFkk rkcsdksfeykj Lo. kZ tS h /kkrq
 cokusdk fooj. k gA

nI oha'krkCnh ea if'kz k dsy[kd Hkkjr; tLrsdh ppkZdjrs gA nI ohal s12 oha'krkCnh dschp
 fy[ksx; svud j l k; u 'kkL= l s l cf/kr xfk tS sj l dYi] j l ko. kru=] j l i dk'k l dkjdj] j l Hn
 pwkref. k j l fpUrkef. k vkn eavkl ou MfLVysku½ fof/k l s tLrsdsfuelz k dh ifdz k dk Li "V
 o. kU gA j l ko. kru= ea tLrsdh vkl ou fof/k dk o. kU fd; k x; k gA&

j l dapwkt; Rok rqc) ok oL=sfop{k. kA

ewisfu/kki ; s~L=h. kka l lrjk=a l j\$ ofj AA 33AA

i qj k. kka jDri hrkukaj l % i =Sp Hkkko; sAA 34 AA

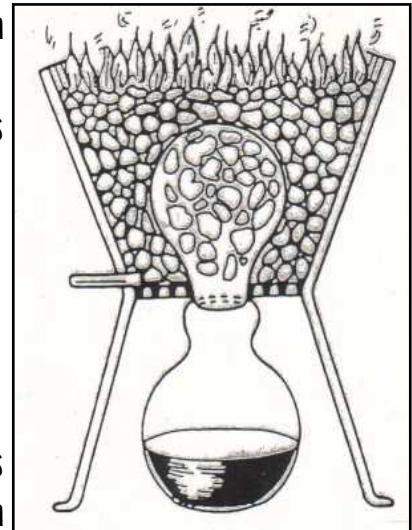
{kkj% l gfrFkk pkEy% Hkkforaj l daeg gA
 A. kkyk{kkfu'kki F; keyrk?k l aqe~ AA 35AA

erdekkxra/ekra Vd. ku l eflureA
 l Ro adfVyl dk'kae l ; o u l dk; %AA 36 AA

½ l k. kb r= 'yk d 33&36½

bl h i dkj rjgoh&pkñgoha'krkCnh ea, d vU; egRoi w kx fk j l jRul epp; * dh jpuok okXHKVV us
 dh ft l ea tLrsdh fuelz k fof/k dk foLr'r fooj. k gA bl dsfy; s=f=; Zl kVu* ; k dkf"BDk ; U= dk
 i z kx fd; k x; k ½p= 2½A tkoj ea tLrsdh Hkfê; k dkf"BDk ; U= l s
 esy [kkh gftues'kq] tLrsdk fuelz k fd; k x; kA mi ; Dr xfkka
 ea tLrsdksj l d* ; k ^[ki]* dgk x; k gA pkñgoha'krkCnh dsckn
 fy[ksx; sxkkaea; 'kn rFkk i hry 'kCn i klr gks gA tkoj ea tLrs
 dsfuelz k dk i gyk l kfgfR; d i ek. k 16 oha'krkCnh eavdcj uked
 dsfy[kusokys'vca QTy* dsy[ku l si klr gksk gA yxHkx
 15ohal nh rd v"V/kkrykae l p. k j pknh] rkck] dkdk k ykgk] l hl k
 vks j kck dkf"BDk ; k tkrk Fkk l k. k j tr rkezi sy dk; kekl keA
 l s dk; ki kpkfr & ykgfcEc rFkk"V/kkA ¼' kYi j Úke-m-HkkA½

; g vR; r jkp d rF; gSfd l Ei w k nf{k. k , f'k; k ea tkoj ds
 vfrfjDr dkbz, l k n jk LFkk ughagS t gka i kphu l e; ea
 [kfutka l stLrk i klr fd; k x; k gkA r{kf'kyk] d'ehj o l supkj ea



fp= 2 dkf"BDk ; U=

2000 o"klziñihry cukusgsq/kkRoh; tLrsdk iż kx fd; k x; k gA vr%bl ckr dh i jh l Hkkouk gs fd ; g tLrk ; k tLrsdk [kfut tkoj l sogkx; k gksckA

gMhi k] x.koj&tkskjgk o vkgM+l l-fr; kadsiru dsmijkUr Hkh [kfutkadsnkgu ; k [kuu dk dk; zjktLFku eafujlUr jgkA dkykUrj ea; gkjykg; khu o ,frgkfl d l l-fr; kdk fodkl gvkA bl nk̄ku cMh l a; k eaykgsdh [kkuayxkbzxbA mYkjh jktLFku eacjkb] tkskjgk ukg] e/; iñz jktLFku ds [ktjh] vejx<, oa chxkn rFkk nf{k. kh jktLFku ea ykgkfj; k b] oky] ckykFky] dj.kij] uBjk dh i ky tS sLFkyka ij cMh ek=k ea; k rksykgk xyk; k x; k fQj cMh l a; k ea vkskj cuk; s x; A ckykFky YoYyHkuxj½ ea bl nk̄ku Hkkjh ek=k eaykgsds vkskj cuk; s x; A x.koj] b] oky] ckykFky] [ktjh rFkk vejx<+vlfn LFkyka l svud ykgk xykusokyh Hkfē; kads vo'ksk Hkh i klr gq gA bl h nk̄ku vkskj /kkrqdsnkgu o fuelz k rduhd eafujlUr fodkl gvk rFkk e/; dky dsl e; rksfl ?kkuk earkck] vtej ea h k b] oky] uBjk dh i ky vkg ykgkfj; k eaykgs tkoj ea tLrsds cM+m | kx LFky LFkfi r gks ppls FkA ; gh ugha tgk&tgk /kkrqds HkMkj Fks mlga ñMek* ds: i eabfixr fd; k x; kA ; sgh ñjhck* dh l Kk l si gpusx, A bl h Øe eaeñkuh {ks= dh LQW i gkfM+ kadsdury I snqkk tkrk Fkk D; k d mua/kkrqds HkMkj gksds dh ekU; rk cyorh gks pph FkhA

fo". kijgk.k l ds nsr gsfld vkcwl syxs{ks= eauokfI ; kdk Lor= jkT; FkkA ; g fLFkr egktuin dky l siñz sydj ij rd jghA dY; k.kij l si klr 7ohal nh dsrkei = eackHkē dsnük dh l hek ea ykgkdkj dPN---- 'kcn tkoj {ks= es/kkrqHkMkj .k dsl ofkr gksI drsgA

, frgkfl d i fji s; ea/kkrq, oa [kfut foKku

rkcsd ykgstS h /kkrqds Hkēh eaxykusij osykosI s'kh?kzgh Bls voLFkk ; k /kkrqeaijofrZ gks tkrs g] i jUrq tLrs dks l kekU; Hkēh ea xkusij og ok"i ds #i ea mM+ tkrk gS ; k i p% fjkDI hMkb t gks tkrk gA nñ jh ckr ; sgfd tLrk ek= 417 fMxh ds rki eku ij fi ?ky tkrk gS i jUrqbI s/kkRoh; #i eai klr djusdsfy, bl s1000 fMxh l sVhx/ l smij dsrki eku ij mckyuk gksk gA bl rki eku ij mckydj gh ok"i ½s j½i klr gksk gSrFkk ml s/kkrqeaijofrZ djusdsfy, 420 fMxh rki eku ij rjUr B.Mk djuk gksk gA bl dfBu i fØ; k dsdkj .k vU; /kkrqds dh vi sikk tLrsdk fuelz k cgr njh l sgksI dka vr%tLrs tS h dfBu /kkrqdsxykusgsq/kkrqdsfuelz k o ixyu dsyEcsvu klo dh vko'; drk FkhA

Hkj r eavud i dkj dsm | kx fuf'pr : i l s; k jkis ea 18 oha'krkCnh eavksksxd ØkfUr l si gys fodfl r gks ppls FkA nñkk; o'k vaxth jkT; dh tMetersgh vf/kdklk m | kx l ekrl ik; %gksx; } dN LFky tS svatuh vtej] fl ?kkuk vlfn eash /kkrqdsnkgu o ixyu dh ijEijk vfLrRo eaFkj tS k fd fMDI u uked , d vaxt vf/kdkjh us1830 eavtej ea l h sdi /kkrqds [kuu] l Qkbzo ixyu ifdz k dk folrr o.ku fd; k gA bl h rjg [krMh o dkfgygku eacMsi skus ij rkcs ds [kfutkdk [kuu o ixyu fd; k tk jgk Fkk ft l dk folrr C; ksk dSVu cnd usfd; k gA cnd us fHku&fHku i dkj dsrkcsdsfuelz k dh tkudkjh dsvfrfjDr rRdkyh Hkēh dk fp= Hkh cuk; k gA ¼p= 3½



fp= 3- 1864 e₁cd }jk cuk; k x; k rrRdkyhu [krM₁ dh rkEcs dh kkéh dk fp=

I hl k] tLrk o pkjh dh i kphu [kkua, oai nko. k LFky

njhck

jkt i jk njhck mn; i j I s90 fd-eh m-i w eafLFkr g_A
bl {ks dh i gkfM₁ kafI LV] MksykekbV o fl fyds/
pêku_a dh cuh g_A njhck ds m_ükj ea xk_d ku ; Dr
i gM₁ g_A bl {ks earhu gtkj o"kl i kphu [kfutkadh
Å/okZkj] frj Nh] v_k; rkdkj [knkuag_A i kphu [kkukae_a
fujUrj dk; Zgkrsjgus l s l rg dsuhspsvud i kphu
xQk, a i k; h x; h g_A [kkukae_aeycsdks<gus l s
jkduusdsfy; s2000 o"kl i Znjhck eaydM₁ dsfof' k"V
<kpscuk; sx; A 1/4p= 4%



fp= 4- njhck dh [kuu ea ydM₁ dk <kp

; gkad_h [kkukae_a l hl k] pkjh] tLrk o rkck mi yC/k g_A [kkukadsfudV gh dhV 1/2krey½ dsfo' kky
<j g_A tksfu' pr rk_j i j [kfut dksxykusdsdkj .k cusg_A fi Nyh 'krkChh ea vLI h dsn'kd ea
fglUn₁ rku ft d dsoKlfudk_a dksdhV dsbu <jkaea/kkrqdk , d VpM₁ i klr g_A ft I e₁97-5 i fr'kr
I hl k Fkk rFkk vR; Yi ek=k eapkh FkkA

njhck dh [kkukadk 263 eh xgjkbzrd i kphu [kfudk_a us [kfutk_a ds [kuu grqfodkI fd; kA ; g
vR; Ur n_üdj dk; Zg_A , s k i rh_r gksk gSfd e₁kM+dsl i kphu [kfudk_a dksvPNh rjg I sKkr Fkk fd
dk_u I h pêku_a detkj gksk g_A rFkk fdu pêku_a l s i ku_h v_k I drk g_A bl I EcU/k ea i Zdky ea
I kjLor efu us^hndkxly* uke I s x_E dh jpu_k dh FkkA bl ea Hk₁ exr i jr_k og_k i kbz tkusokyh
pêku_k muds : i &vkdkj o.k₁ Lkn] og_k feyusokys i ku_h ds : i &j_k dk Hkh foLrr o.k₁ FkkA
ekyok v_k ml I syxsedkM&I k₁k"V"rd bl x_E dk i pkj FkkA ojkgfefgj usbl h x_E dk dsvk/kj i j
ogRI fgrk ea ndkxly v;/k; fy[kkA bl x_E dk ds ey 'yk_k HkVVK_k i y us mn?kr fd; s gS
½JhN".k t_ku_k& fo'ooYyHk o{k_k; p_h] fnYyH] 2005] i fff' k"V½ bllghaerk_a dk i p_ui j_h{k. k egkjk. k
i rki dh vkk_k I si a pØikf. k feJ usfd; k v_k e₁kM+dsl kekU; o i o_h; i n_k dh pêku_a dk o.k₁
fd; kA m_ügaHkn_u&Nnu dh fof/k dksHkh fy[kk g_A j_{SM}; ks dkc_u frffk; kaLi "V djrh g_A fd njhck
[kuu dk dk; Z3000 o"kl i ZkjEhk gkspk_k FkkA

I kj .kh 1- % njhck dh i kphu [kkuka l s l cf/kr j fM; ks dkclu }kj k dky fu.kl

				Calibrated Age Ranges in Calender years	
	Material	Lab no	Before Present	68% confidence	95% confidence
Depth 64 m layer 436	timber	TF 1117	2245±100	410 to 170 BCE	800 BCE to 1CE
East lode 4 to 5 m depth, top of huge open cast mine	timber	NPL 208a	2140±100	370 to 280 BCE or 260 to 90 BCE	400 BCE to 60 CE
South lode 100 m depth	<i>Aogeissus sp</i>	NPL 210	3040±150	1450 to 1060 BCE	1650 to 900 BCE
South lode 100 m depth	rope	teledyne	2100±280	500 BCE to 250 CE	900 BCE to 600 CE
East Lode 263 m depth	Timber	NPL 209	1790±120	90 to 380 CE	50 BCE to 550 CE
Depth 64 m layer 436	Bamboo	TF 1117	2245±100	410 to 170 BCE	800BCE to 1 CE
RD/LW 87/10 from massive timber revetment in South Lode area	Wood (less than 10 years growth)	BM 2635	2220±50	380 to 350 BCE or 320 to 200 BCE	400 to 170 BCE
DM/85/LW/ 3 part of support timber in mine gallery	Wood (cellulose)	BM 2636	2160±50	360 to 290 BCE or 250 to 160 BC or 140 to 120 BCE	380 to 100 BCE
RD/LW 87/10 from chamber off drainage shaft	charcoal	BM 2637	2040±50	120 BCE to 20 CE	180 BCE to 60 CE

vtxpk

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dN ek=k eapknH gA pfd ; gk tLrsds[kfut dk fo'ky Hk. Mkj gSrFkk pêku 13-5 i fr'kr tLrsdh
 ek=k gA vr%I EHkkouk gSfd ; gkapknH dsvykok tLrk Hk fudkyk x; k gkskA /krqey ds<jkæainko.k
 grqiz kx fd; sx; sev kvkads(Crucibles) VpMshh gA ; sVpM+I hl k /krql spknh ikr djusdsfy,
 mi; kx eayh xbzel kvkads gA ; g I p gsfld tñj fl Ddkadsiorl dk Js Hkjrh; ; ou fefyn dksgs
 1/112 2-152½ml usfpukkx<+ds i kl uxjh ek/; fedk i j dck dj fy; k FkkA I kcor%ml dsfl Ddkads
 eskm+dh pknh i j feJ /krqdk i z kx gyk gkA egkk";] fefyn i gukeafefyn feuMj½dsvkOe.k dk
 o.ku gA pfd ; g {k= 0; ki kfjd vlg vkrqdk nf"V I segRo dk FkkA bl hfy, ml ; ou I uki fr us; gk
 dckfd; k gkA ; ghaj og ckS kdsi Ei dzavk; k FkkA

vkxipk eaeks] 'k o dtkk.k dky dsnkjku 125 eh I svf/kd xgjh [kkuayxkbz x; h rFkk [kfut dh
 , s h ul kdksvf/kd dkVk x; k gSftueal hl sds[kfut ½sysukh dh i pj ek=k FkkA , s k [kuu pknh
 ; k I hl sgrqfd; k x; k gkskA bl {k= eabz i w dh i Fke I gl kCnh eafpf=r /k j enHkk.M , oamUkjh
 dksvkj nkj ; k -".kekfr i jEi jk dsyskx Hk fuokl djrsFkkA

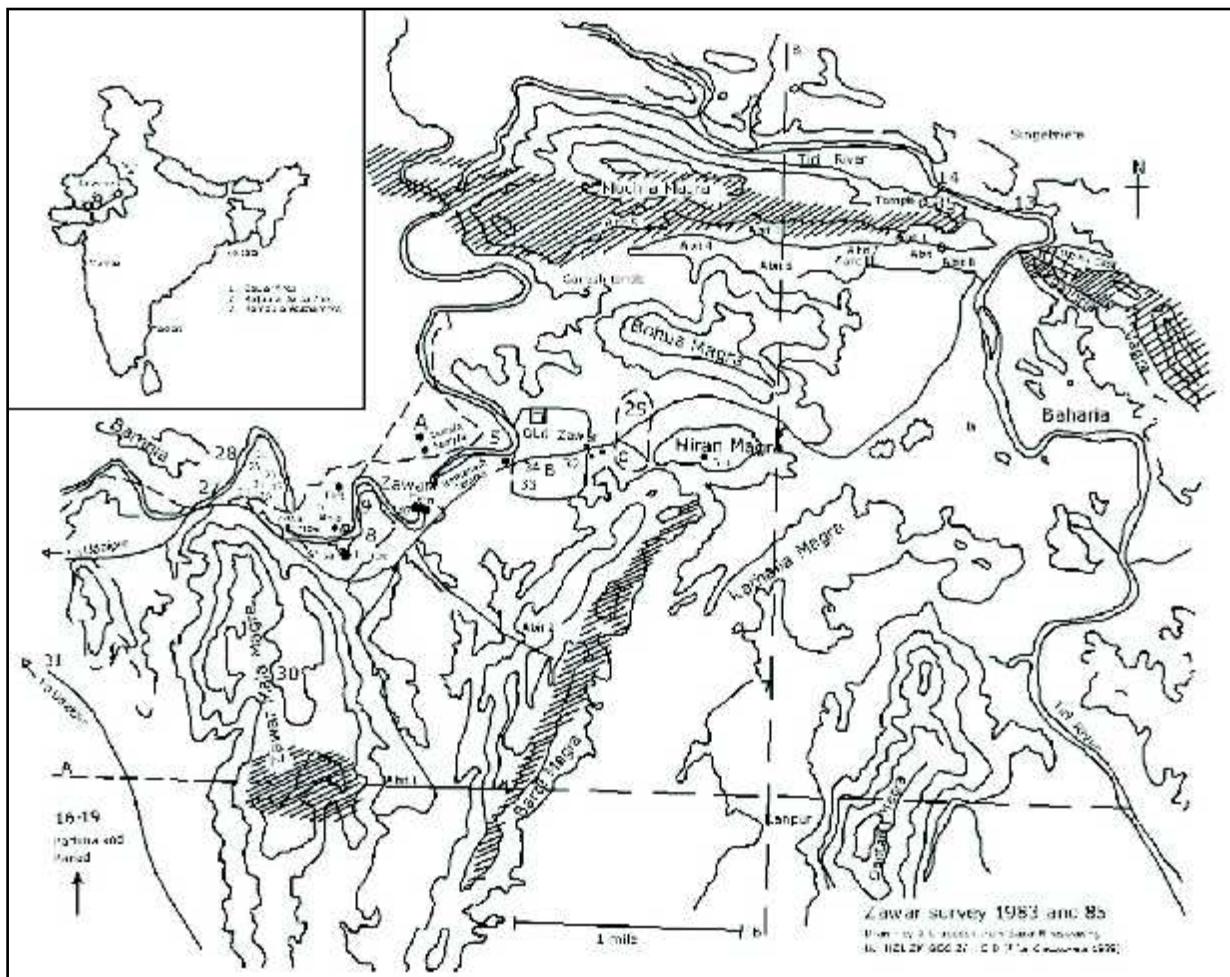
I kj . kh 2 % vkaipk dh i kphu [kkuak s l af/kr jfM; ks dkclu }kjk dky fu.k

				Calibrated Age Ranges in Calender years	
	Material	Lab no	Before Present	Calibrated (68% confidence)	Calibrated (95% confidence)
Old mine shaft	Wood	PRL 930	2860±100	760 to 680 BCE or 660 to 630 BCE or 600 to 580 BCE or 560 to 390 BCE	850 to 250 BCE
Mine prop in gallery, 30 m below surface	Small timber <i>Terminalia sp</i>	BM 2356	2240±60	390 to 350 or 320 to 210 BCE	410 to 160 BCE
RA/LW/87/13 –south wall exposed by modern open cast	Charcoal, <i>Angeissus sp</i>	BM 2630	2320±50	510 to 260 BCE or 290 to 250 BCE	800 to 700 BCE or 550 to 200 BCE
RA/LW/87/11 – from basket found in old mine, site 11	Wood (small branches)	BM 2631	2380±130	770 to 380 BCE	850 to 150 BCE
RA/LW/87/10 –from gallery	Outer rings of timber post	BM 2632	2240±50	390 to 350 BCE or 310 to 210 BCE	400 to 190 BCE

tkoj dh i kphu [kkus]

tkoj dh [kkuanmn; ij I s40 fdeh n-i w eafLFkr gA tkoj dh i kphu cLrh VhMh unh dsfdukjs, d I djh ?kkVh eacl h FkhA ; g ?kkVh mRrj eackok exjk] mRrj i Zeafgj .k exjk] cjkbZexjk o nf{k.k if' pe eakoj ekyk uked i gkfM+kal sf?kj h gA

; fn bl vpy eacl h Hkhy tkfr dsxs Hkkjr xkFkkvkaij fo'okl djarkstkoj , d cgr I e) 'kkyh uxj FkkA ; gk i j , d ughavud /krykadh i kflr gkrh FkhA j .k dPN gh ughapakj v&c dsvks if' peh 0; ki kfj ; kdk ; gk rd vkuk tkuk yxk jgrk FkkA vpkud ; gk CMt gkn l k gyk Fkk yks fudy HkkxA ; sl c yks 'tkofj ; k* 1/4tkoj I sfudysqg ½ekus tkrgf vks ijseokM+eacl sgq gA bues'c yk cfu; k* usbl [knukal si klr I ank I sdbZefnj cuok, A D; k ; g osy egkjk. kk dHkk dk I edkyhu 'osykd* rksughft l dk cuok; k 'kkir ukFk dk efnj fpukkMx<+ij Jkkj pojh dsuke I s i fl) gS ogkaosyk Hk.Mkjh dk 1448 bZ dk vflkyk Hkh elStm gA ; Fkk jk. kk Jh JhdHkd. kZ dks k 0; ki kfj .kkal kg dkYgk i jRu HkMkjh Jh osyksu Hkk; kZ-A ½ksi hukFk 'kek%jkt LFku ds , frgkfl d I ksr] i "B 142½



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bl̄ghai gkfM+ kaeacMh I q; k ea i kphu [kkua i gkfM+ kadh < yku ij cgr nj I sgh Li "V
 utj vkrh gA vf/kdkdkr; k l i Zdsvkdkj dh [kkua20 I s100 ehVj rd xgjh o 25 I s1100 ehVj
 yEch gA bl̄ghai gkfM+ kaeavud xgjh [kkuaHkh gA mnkgj .k dsfy; s tkojekyk eabudh xgjkB236
 eh rd i k; h x; h gA tkoj dh i gkfM+ kMksykekbV pVVukadh cuh ḡzgSftueatLrk] I h l k j pknh
 vkn /kkrqjgA ; s/kkrqjB I s40 ehVj pkMh rFkk 150 ehVj yEch ul ka; k i fVV; kads: i eaqA bu
 i gkfM+ kae330 eh dh xgjkBrd [kfut i k; k x; k gA fgUnlruk ft dsl o k.k dsvu k j vdys
 tkoj ekyk e229 yk[k Vu [kfut gA vDI j budksI h/kk ; k frjNh j [kk dsl n'; uhpsmrkjx x; k
 gA tkoj dh i kphu [kkua eaksp; k ea l cl syEch 1160 eh dh [kk FkhA ; gk dh [kkua e i kphu
 yksdsdvkstkj i klr gq ḡtksRdkyhu [kuu dsfy; si z kx fd; sx; sgkksfp= 6/A



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tehu dh I rg I suhpsmrjdj vDI j [kkukadkspkMh fd; k x; k gS; k [kfut dh i VVh dk i hNk
 djrsqj v) ksykdkj Nr okyh xgjh [kkuadkVh xbA vf/kdkdk [kkukadk nhokja/kqj ds dkj .k
 dkyh i kbzxbzgA budsQ'kzij jk[k o dks yk i klr gksk gA bl I sLi "V I dr feyrk gSfd [kuu
 dks [kknuseavkx dk i z kx fd; k x; kA egkjk.kk i rki dkyhu fo'ooYyHk uked xFk eapēukadks



fp= 7- tkojekyk dh , d i kphu [kuu

rkM̄us dsfy, fof/k nh xbZgA i yk'kj tke] /ko] l kj] f'kjh"kj rn] HkYykr] b̄eyh vks [kj dh ydfM̄t k̄ tykdj ml i j ikuh fNM̄dk tk, rkspeku VV tkrh gA Hkyh i dkj xeZf'kyk i j xM̄t l kth] gYnh] d.kk l j l k̄dk rsy vks dkath ; k NkN feykdj r̄s kj æ0; dksMkyk tk, rksog VV tkrh gA bR; kfn 1/fo'ooYyHk 2] 25&35%A



fp= 8- ikphu [kku eayxkbz x; h pkM̄t l h<] fp= 9- ikphu [kku l s i k̄l r ydM̄t dh ukyh

[kkukadsvlnj l s i jkuh ydM̄t dh l hf<+ k̄ ukfy; ka1fp= & 9½ & ckl dh Vkdjf; k̄ i k̄l r ḡbzgA Vkdjf; kadPpseky o apjsalcksgj fudkyusdsfy; si z kx ḡbzgkakA blgavkt ^dkj M̄t dgk tkrk gA mÙkj k̄lkj [kuu dsdkj .k [kuu xgjh gkrh pyh xbA , s h fLFkfr eamUgkousydM̄t dh pkM̄t l hf<+ k̄ 1fu'kj. kh½1fp= & 8½cukdj [kkukadsvlnj fujUrj fj l rsgq ikuh dks, d LFky l snl js LFky rd i gpk; k x; kA ok; qjk.k eabl s'ukyh; æ* dgk x; k gA ; g ty dsLFkkukUrj .k vks l æg.k dsfy, mi ; kxh ekuk tkrk FkkA vDI j , s ikuh dks?kM̄t sckgj fudkyk x; k gksk] tS k fd l u- 1864 ea[krM̄t dh dkfgygku uked rkcsdh [kuu dsl cdk eadsVu cnd usfy [kk gSfd [kuu eae tnyka dk , s k l eyg dk; zdjrk Fkk tksfnuHk] i fDr ea[kM̄t jgdj ?kM̄t l s [kuu eafujUrj fj l usokys ikuh dksckgj fudkyrk FkkA ngkr ean[kk tkrk gSfd dii [kpkbzeapM̄t @jgV ds l kf&l kf eyck fudkyusdh Vkdjh 1dkj M̄t/2dkshh fujrj pyk; k tkrk gA

[kkukal s i k̄l r ydM̄t dsvo'kskadh dkM̄t zu M̄vax l si rk pyrk gSfd vks gpk njhck] tkoj vlfn LFkykae fi Nysnksgtkj o"kkiegekj s [kfud l rg l s250 eh uhps [kuu dj jgsFkA pēkukadsty Lrj l suhps i gpkuk dkkZl k/kj .k ckr ughagA Li "V gksk gSfd ikphu eokM̄eayks [kuu rduhd eagh elfgj ughafks oju mÙga; g Hkh vPNh rjg i rk Fkk fd fdu&fd upekuks ikuh gksk gA fo'ocYyHk eannjif'kyk] i iM̄t'e i k̄kor i k"kk.k {kkygkLe] /kpk: .k] i Vdi k"kk.k] /kpkj i k"kk.k] bZkxk-; k] dks'ks Hkk] mnfjcjHkk] vatukHkk] ofnijdkor~ fror] ekfrdkor} i yky/kepkj dk"kk; huked]pēkukavks i RFkj k̄dk uke] i gpku

vks mudsvkxs i hNsfeyusokysty dk Kku fn; k x; k gSfo'ooYyHk v/; k; i Fke/A bruh xgjh
 [kkukaeal kd yusdsfy; sgok vks nskusdsfy; si zdk'k vR; Ur vko'; d FkkA gok grqdnkfp
 frjNh [kkukaeaxsykdkj fNnzcuk; sx; stksI rg rd tkrsFkA bu ikphu [kkukadshkrj I dkjsds
 vdkj dseNHkk. M ik; sx; sg I Ekkor; k blgai zdk'k grqnhid dh rjg iz kx fd; k x; k gkskA
 I dkjseafcuksyk vks rsy Mkydj tykusI svPNk i zdk'k gksk gA

, s k i rhr gksk gsfld [kkukal seky 1/4 kfut 1/2 dksckgj fudkydij [kku dsfudV gh ml dh I OkbZdh
 xbZgkshA dN LFkyk at snjhck vlfn e, s seky dkspeku [kkndj cuk; sx; sxksydkj xM<kas
 dWk x; k rkfd ml eal sdpmQdkl kQ fd; k tk I dsfp= 10 1/4

tkoj e at Lrsdk [kfut I kekl; r; k gydk Hkjik jx dk gSft I sdW dj vkl kuh I sI hl sI svyx
 fd; k tk I drk gA HkVh esinlfor djusgrqbl sckjhd dW] i hl dj bl esI sI hl k vyx fd; k
 x; k tkoj eaeikkvkadk 0; ki d {k= eaj feyk gA I Hko gsfld budksr\$ kj djusdsfy, dfigkjadh
 dkZcmh cLrh Hkh jgh gkskA os sdfigkjadeafJ; k noh&I Ei fuk dh noh y{eh vks ^tkofj; k* vVd Hkh
 jgh gA; g mudk tkoj dsI kfk I cdk dkscrkrk gA dfigkjadh deZkkyk, jcgf egRoi wZFkhA I kfkZ
 vks I k/qHkh ogk vkJ; yrsFkA 1/cgRdYi Hkk"; 3442&45%

j sf M ; k sd k c ZU
 frffk; ka I s Li "V
 gksk gsfld vksipk
 ea ekz ; k o
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 nkjku Hkh /kkraq
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njhck ea; | fi /kkraq
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 3300 o"Z i kphu gs
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 'kkl u dky ds
 nkjku ; gka 0; ki d



fp= 10- [kfut dks dWus ds fy, cuk; sx; sxM<

Lrj ij I hl k o rkck fudkyk x; kA dujy VIM fy[krsgffd njhck I sI kyuk 80]000 : - dh vk; gksjgh
 Fkh] tkoj e2500 o"Zi ZI hl so tLrsdk [kuu ikjHk gksipk Fkh] tks19oh'a'krkCnh dsi ZD] Zrd pyu ea
 jgkA uoh'a'krkCnh s18oh'a'krkCnh rd ; gklatLrsdh /kkraqdk [kuu vks lksd Lrj ij gvkA

i kphu [kkukadk foLrr I o{k.k i hd fMfLVDV] dsfyu foyhl o ml dsI g; kfx; kausfd; k vks
 ml dk foLrr o.ku 1987 eaihd fMfLVDV dh 'kksk if=dk eai zdk'kr fd; kA bl v/; ; u I stkoj
 eai zDr [kuu rduhd dk vPNk Kku i klr gksl drk gA

I kj .kh 3 % tkoj dh i kphu [kkukal s | cf/kr jfM; ks dkclu }kj k dky fu.kl

				Calibrated Age Ranges in Calendar years	
	Material	Lab no	Before Present	68% confidence	95% confidence
ZM/ LW/85/13 from small chamber in main gallery	charcoal	BM 2481	modern		
ZM/ LW/85/14 from ladder way	wood	BM 2482	2150±11 0	370 to 90 BCE	410 BCE to 80 CE
ZM/LW/85/ 8	wood	BM 2483	2180±35	360 to 290 BCE or 250 to 190 BCE	380 to 160 BCE or 140 to 120 BCE
LW/82/2 from scaffold in escape stope	wood	BM 2148R	2350±12 0	800 to 250BC	800 to 150 BCE
LW/82/1 from launder in escape stope	wood	BM 2149R	2140±11 0	370 to 80 BCE	400 BCE to 80 CE
470 MRL, RL 456 MRL	charcoal	PRL 932	2410±10 0	760- 680 BC, 660 to 630 BC, 600- 580 BC or 560- 390 BC	850 to 250 BCE
RL 566 MRL	charcoal	PRL 933	1990±14 0	200 BCE to 180 AD	400 BCE to 350 CE
ZW/LW/22 Pratap Khan mine, from fire near Audience Chamber	charcoal	BM 2639	2040±70	170 BCE to 30 CE	350 to 310 BCE or 210 BCE to 120 CE
ZW/LW/87/ 26 from fire hole in top chamber	charcoal	BM 2634	1340±10 0	590 to 800 CE	450 to 900 CE or 920 to 950 CE

tkoj estLrsdh [kkst o mRi knu

y^{kg} rkc^s pkph o l hl sdh rjg i kphu e^{okM}+e^{at}Lrsdk vks| kf^xd Lrj ij f^{uel}z k , oa0; ki kj g^vkA tLrsd^sf^{uel}z k dsfy, tkoj fo'o ifl) g^A, s k bl fy, pfd nfu; k^hkj e^al cl si gys' k^o tLrs dk fujUrj , oa0; ki kfjd Lrj ij f^{uel}z k tkoj e^{egkjk}.k^vkads' k^l u e¹² om' krkCnh e^{agv}kA bl rF; dksvefjdu l k^l k; Vh vND e^{VYI} usekuk g^{Sv}k^s i^jkuh tkoj tgkⁱ nko.k^{ly} o el^u kads <j¹dsvo' k^{sk} g^{sk}lks, f^{rgkfl} d mi yf^{ck} dgk v^{kg} bl LFky ij yxkusdsfy, , d dk^l; dk ckMz Hkst k g^gftl ij fy[kk g^g&

At this site are preserved the zinc retort distillation furnaces and remnants of related operations. The technical sophistication and application of scientific principles are unparalleled elsewhere in the medieval period. The element of standardisation and mass production foreshadow the industrial revolution. This is the earliest example of high temperature distillation operations. Ruins of exotically carved temples and other village artefacts attest to the success of this metallurgical operation. The operation first supplied zinc for brass making used for fine instrument making in Europe, a forerunner of the Industrial Revolution'

Hkkjrh; f'kyi dsx^UFk vijkftri PNk eaosk' kkyk cukusdh fof/k eafofHkuu i^zdkj dh el^u kvkadk r^s kj djusdk o.ku i<+dj yxrk g^{sf}d x^UFk dk Hkpunokpk; Zus i R; {kr%tkoj e^ain ko.k dsdk; Zdks n^skk g^g; g x^UFk e^{okM}+dsxfgy 'k^l d vijkftr dsuke ij 1145 bLoh eafp^Ukk^s+eafy[kk x; k Fkk] bl eae^u kvkad^sfy, i^z D^r g^{ks}okyh fofHkuu i^zdkj dh l M^{kl}; kadh o.ku Hkh g^A vijkftr i PNk l and vu^{pknd} Jh d".k t^{pk}u^uch, y- 'ke^zv/; k; o^s 'kkyk fu: i .ke¹/

bl dsijk/kkrfoKkuh v/; ; u dk J^s fc^V'k E; ft; e] y^unu dsi^W ØM^kd] cM^knk fo' ofo | ky; ds d^sv^h, e- g^sM^srFkk fg^un^{tr}ku ft^o ds, p- Øk- ikyhoky , oa, y- ds x^qt^j dks tkrk g^A bllgk^u fi Nyh 'krkCnh dsvL^h dsn'kd e^a; g^g i kphu tLrk i xyu Hkf^e; kadh [kkst dhA budh [kkst l s i^oz l kB o l Ykj dsn'kd e^{adkj} l l ek^gxu] L^uk^o t^o Jhd^uru] Ø^o l s v^ufn usTkkoj dshkw foKku dk foLrr v/; ; u fd; k rFkk tkoj dsi kphu /kkrqi xyu dsvo' k^{sk}kai j i^zdk'k MkykA tkoj dsi jk/kkrfoKkuh v/; ; u dh 'k^q vkr ifl) vu^u zkkud^UkkZekj xu dsi o^qk.k l sg^hA

'; keynkl ds ^ohj foukn* l s Li "V g^{kr}k g^sfd egkjk.kk yk[kk ; k y{; fl g 1/14 oha 'krkCnh us tkoj e^{at}Lrs o l hl sdh [kkusyxkbA eg.kks us k^l h dh [; kr 1/1657 l s Kkr g^{kr}k g^{sf}d tkoj dh pkph dh [kkukal si frfnu 400&500 : i , dh vk; gksjgh FkhA fo- l a 1691 dh i^{pk}syh f' kodj .k ykypn dh cgh l s Kkr g^{kr}k g^{sf}d tkoj dh l hl k v^{kg} tLrk dh [kkukal si fro"kl 2]50]000 #- dh vkenuh gksjgh FkhA egkjk.kk jktfl g l s l acf/kr , d cgh tksfo- l a 1713 dh g^s l s Kkr g^{kr}k g^{sf}d tkoj l s 24]942 #- dh vk; g^gA m^lgha ds dky fo- l a 1712 1/1655b^zl ds, d v^u; fooj .k l s Kkr g^{kr}k g^{sf}d tkoj l s 1]79]694 #i ,

dh I kykuk vkenuh ḡA bl h dsrgr , d v̄; cgh I s 1]70]967 #- dh vkenuh dk i rk pyrk ḡA 1766 dsfooj .k I s Kkr gkrk ḡfd ml I e; rd 2 yk[k : i , dk eky fudkyk tk jgk FkkA 1Mkw xki ky 0; kl esokM+dk I kekftd , oavkfFkld bfrgkl] i "V 17%

, \$ k i rk gkrk ḡfd egkjk. kk d̄Hkk dsdky I sgh tkoj esfo'kky i sekusi j [kkukasdk; Zgksjgk Fkk rFkk /kkrqkadk mRi knu gksjgk FkkA bl hfy, egkjk. kk jk; ey 1462&1509 b̄usvi uh cgu jekckbZ dks tkoj dh tkxhj nh vks ml usogki j 1497 b̄ esipk; ru fo". kqefnj o fo'kky d̄M cuok; kA bl dk I w/kk b̄oj Hkxk FkkA

tkoj ekyk esegkjk. kk irki dsuke dh Hkh , d fo'kky [kuu ḡA tuJfr dsvu k j egkjk. kk ekyka I s; q̄ dsnjsku b̄ 1578&1591 dschp tkoj o pko. M esajgA bl dkj.k ; g [kuu budsu ke i j ḡA bl esvfr'k; kDr ughafd irki dsdky rd bl i ojh; insk eapēkukadk I ojk. k jktkKk I sgks ppdk FkkA tkoj esegkjk. kk d̄Hkk dsdky I sgh , d fo'kky fdyk Fkk ft I sykx 'fgj. ; d'; i ds fdyš dsuke I stkursgA I EHkor%egkjk. kk irki ; q̄ dsnjsku bl fdyseajgsgkarFkk mUgkustkoj ekyk esirki [kuu dk [kuu dk; Zi u%vkjEHk djk; kA iks ds, I - xirk usvi uh i trd 'egkjk. kk irki d̄Hkx<+I spko. M̄ esify [kk ḡfd pko. M+esajkt/kkuh LFkkfir djuš tkoj esal hl k vks uBkj k dh i ky esyksj mRi knu vlfFkld nf"V I sykhi n FkkA Mkwplae'ks[kj 'kekzushh fxokl vks tkoj dksjkt/kkuh dsI kfk j [kusdsey esbl dk vlfFkld vks okf.kfT; d egRo gh fl) fd; k ḡA

duž Vkm usvi uh pfpr i trd eskoj dh fvū dh [kkukal s2]20]000 : - dh okf'kld vks; ntzdh ḡspid esokM esfVu ughagSvr%; g vks; tLrsdh gksxhA Vkm vi usfooj .k esLi "V djrk ḡfd 1812 rd tkoj dh [kkukasokM+esavk; dh i e[k I ksr FkkA bfrgkl dkjkadk er ḡfd ejkBkadh yWikV o 1812&13 dshk; dj vdky dsdkj.k tkoj dh [kkukadk dk; ZcJn gksx; kA

I u~1812 ds i 'pkr~vaxt vf/kdkfj; kausegkjk. kk ds vlfFkld I g; kx I s i u% [kuu dk dk; Zi k j Hk djusdh egrh p̄Vk dhA I u~1873&74 dsjkt i rkuk i zkl fud fji k &esokM+, t̄H h I stkuudkjh i klr gksx ḡfd egkjk. kk Lo: i fl g 1842&61 b̄egkjk. kk 'kEHkfil g 1861&74 b̄rFkk egkjk. kk I Ttufl g 1874&84 b̄usvaxt vQI jkodSVu cd o i kQj j cd y dhenn I stkoj dh [kkukao tLrsdsixyu dksiu%ikj Hk djusdk i zkl fd; k i jUrqoQy jgA 1844&50 dschp cd I kgc rks dbzckj tkoj x; k [kfut Hkh mBkdj yk; A ; gk j rd fd 1872&73 b̄ esikQj j cd y usegkjk. kk ds vlfFkld I g; kx I stkoj es, d ubz [kuu yxkbzrFkk 10 ekg rd dk; Zfd; k] bl dsckotm og ek= 11 QhN rd gh [kuu dj I dkA [kuu esikuh Hkj tkusij ml svu uk dke jkoduk i MKA egkjk. kk 'kEHkfl g usbl ckcr-15]000 : dk vlfFkld I g; kx Hkh fd; k] i jUrqnHkk; o'k tLrsdk fuekZk i u%u gks I dkA bl ds i 'pkr~egkjk. kk I Ttu fl g ds'kkl udky esHkwi ojk. k foHkx dsgdV usHkh 1881&82 esLFkkuh; ykska}jk yk; sI hl sds [kfutkodk v/; ; u fd; k i jUrqog Hkh [kuu dk dk; Zi k j EHk djus esfoQy jgA

esokM+es [kkukadsfodkl , oafu; eu grq1932 b̄ esokM+jkT; es [kuu dk , d foHkx cuk; k x; kA 1938 esokM+feujy dEi uh }jk tkoj esckjkldh i jkuh [kkukadk [kksyusdk i zkl fd; k] i jUrq dN [kkl I Qyrk ughafeyhA f}rh; fo'o; q̄ ds i 'pkr~tc 1942 esekZ dh ckMfou [kkukadk vpkud i ru gksx; k rksHkkjrh; Hk foKku foHkx useokM+l jdkj I stkoj dh [kuu i u%'k# djus

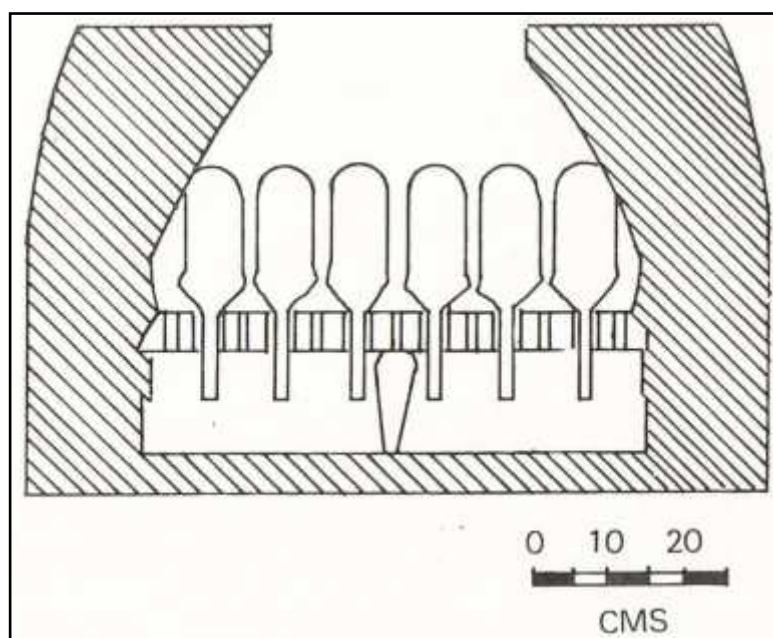
dk vuKki = fy; kA bl dsckcr~esokM+feuj y dEi uh dksev kotsdsrkj ij , d yk[k #i ; sfn; s x; A l u~1942 l s1945 dschp ea th, l -vkbz; Whykbz t u 'kk[kk useksp; k exjk ea [kuu dk; Z i k jEHk fd; kA 1945 bZ ea eVy dkWkj'sku usegkj k. kk Hki ky fl g l sbu [kkukadk i ek fy; kA ml ds ckn l sorjku dky ea; gkj [kuu i k jEHk gykA i k jEHk eayM&ftd v; Ld ea sxsysuk NkjV dj VqMw ea l hl k mRi knu dsfy, Hkstuk i k jEHk fd; kA 1948 bZ ea 200 Vu i frfnu mRi knu dk y{; cuk; k vkJ tLrsrFkk l hl sds [kfutkakd mRi knu i k jEHk gykA 1956 bZ ea v; Ld mRi knu dh {kerk 500 Vu i frfnu dh xbA tLrsds [kfutkakd si nko. k grqtki ku Hkstuk x; kA 1961 eamRi knu {kerk 2000 Vu i frfnu djusdsfy, eksp; k dh [kkukadk fodkl i k jEHk fd; k vkJ tuojh 1962 bZ ea nekjh LeVVj dk fuelzk i k jEHk fd; kA ea y dkWkj'sku dh vkkfkl {kerk dksnEkrsgq 22 vDVej 1965 bZ dksHkkjr l jdkj usbl dEi uh dk jk"Vh; dj .k dj fn; k vkJ 10 tuojh 1966 bZ dksfgUntrku ftd dh LFkki uk dhA bl rjg 1966 l svkt rd fgUntrku ftd tkoj ea tLrsso l hl sdk fujUrj mRi knu dj jgh gA

tkoj e~~a~~tLrsdh i~~a~~phu Hkfê; k~~i~~

tkoj e~~a~~1983 b~~a~~ e~~a~~fcV'k E; f~~i~~; e] f~~g~~ln~~l~~rku f~~td~~ rFkk cM~~l~~k fo' ofo | ky; dso~~K~~kfudk~~a~~us l kr Hkfê; k~~a~~ds, d l e~~g~~ dh [k~~k~~st dh fp= 11 1/4

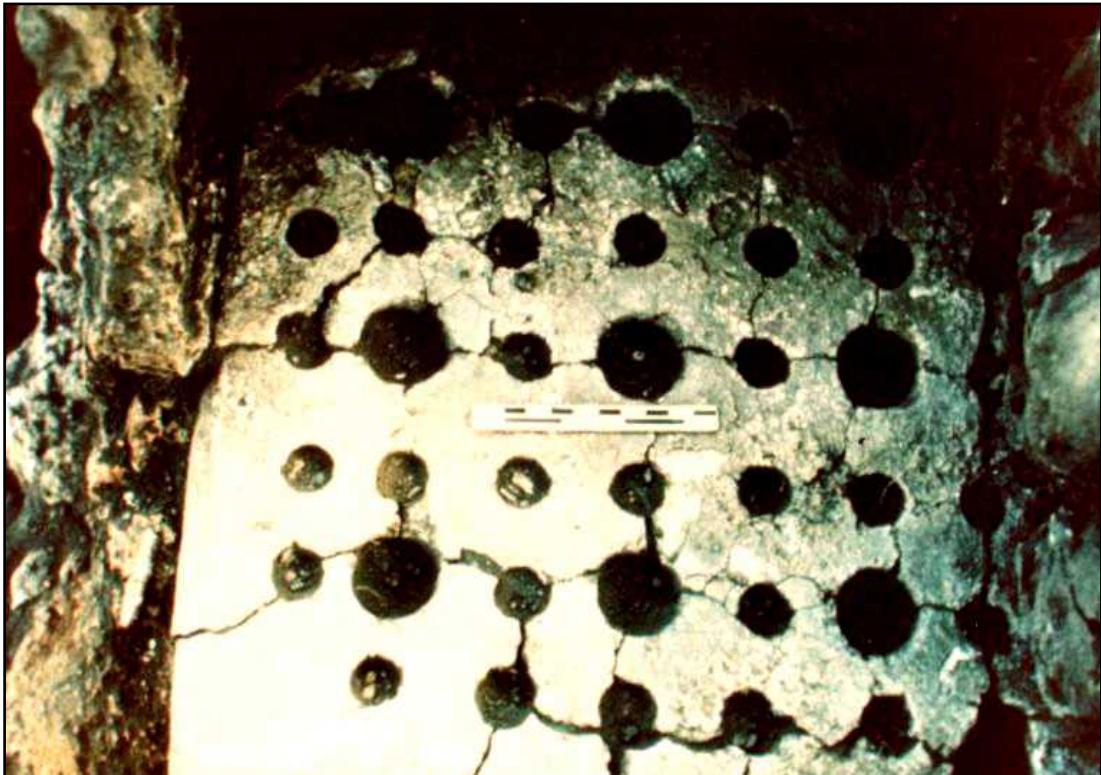


fp= 11 tkoyeky~~k~~ ea [k~~k~~st h x; h tLrs dh Hkfê; k~~i~~



fp= 11-1 Hkfê dk m/okZkj j~~l~~kk fp=

; sHkfê; k j mÜkj &nf{.k. fn'kk eä, d drkj eäik; h x; harFkk budk eg i' pe dh vkj FkkA ; s l Hkh Hkfê; k j pkfdkj ½6 x 69 l eh½ rFkk , d l eku FkkA dN cMf vldkj dh Hkfê; k j vk; rkdkj ½10 x 73 l eh½ ik; h x; hA bu Hkfê; k adseg dk eki ½5 x 20 l eh½ ik; k x; k j iR; s l Hkh dschp eä, d ekt/h fNfnr feVvh dh lyV fcNkbz x; hA vI y eä; g lyV l eku : i l spkj fgLI kæsukdj , d l kfk Hkh eä0; fLFkr dh x; h FkkA ½fp= 12½



fp= 12 tLrs dh Hkh eäfNfnr feéh dh lyV

; spkj kafgLl sHkh dse/; eätgkaij feyrsFksml txg ij blgafeéh dh , d 'kDokdkj Fkéyh l s Hkh dsvlk/kkj l sl gkj fn; k x; kA ½fp= 13½



fp= 13- Hkh eä i z Dr Fkéyh

iR; d fNfnr lyV eauScMsfNnz/85 feeh-0; kI okyVrFkk 26 NkVsfNnz/10 feeh-0; kI okyVcuk; s x; A bl rjg , d Hkêh ea36 cMsfNnzFksft ueatLrk xykusgrqc&u dsvkdkj dh eil k VjVks/V 0; ofLFkr fd; sx; A Vfp= 14 V/A



Vfp= 14- okrkdeil k, i % c&u dsvkdkj dh eil k, i

bu ej kvavkj mueai klr vo'kskal si rhr gksk gSfd & tLrsds[kfut dksbu eil kvaeHkjus I s iVzvzx eaHkuk x; kA rRi 'pkr~ml scVdj ml eaued] xkcj] yk[k] eD[ku vlfn feyk; k x; kA bl dsi 'pkr [kfut dsNks& Nks/sxksy scuk; sx; sftudksl qkcdj eil kvaeHkj fn; k x; kA eil k ea < Ddu yxkdj Vkh okyk fgLl k Hkêh dsfupysHkx dh vkg j [k x; kA iR; d eil k dh Vkh ea, d i ryh ydMh Mkyh x; h rkfd eil k Hkêh eamyVh j [k gksdsdkj.k [kfut ckgj u fudyus i k; A Hkêh dsÅijh fgLl seaydMh dks yk o vU; I kexh Mkyh xbZftI s tyk; k tk I dA Hkêh dks I EHkor%mij I svUr eacUn dj fn; k x; kA bl rjg cUn Hkêh ea [kfut dks1100°C dsrki eku rd xelfd; k x; k] ; | fi tLrk 907° rki eku ij mcyusyxrk gß i jUrq1100° rki eku ij gh ml dh ok'i i klr dh tk I drh gA eil k l s; g ok'i fudydj Hkêh dsfupysfgLl seayVkh }jk i gprh gA ; gka420° I s550° rki eku gks i j gh ; g ok'i B.Mh gksdj /kkrqeasifjofrZ gks tkrh gA ; g cgr dfBu i fØ; k gSpfd Hkêh earki eku ; fn 415° I suhpsgksrkstLrk uhysi kmMj ds: i eavk; xk tks fdI h dke dk ughagksk gA 750 °C ij tLrsdh ok'i I sftd vklI kbM cu tkrk gsrks i kmMj dh rjg fudyrk gA tkoj eafjVkh/dksmYVh j [k dj Åij I sxeZdjusI sfjVkhZI shjk gyk v; Ld ok'i cu tkrk vkg vlnj o₂ dh deh I sco curhA Hkêh dsuhpsbru de txg j [k tkrh Fkh fd og co I shjh jgsrksok"i B.Mh Condense gksdj /kkrqds#i eai klr gks tk; A tkoj ds ikphu /kkr&deh tLrsdsdfBu i xyu eae kfgj FKA i kphu j l k; u 'kkL= ds l kfgR; I s Kkr gksk gSfd tc eil k eajjh o uhyh jkkuh vkrh gsrFkk ml dsi 'pkr~og I On gks tkrh gA bl dk rkri ; z; sgS fd tLrsdsi xyu dh i fØ; k i wklgksxbZgA

dSVu cld] tksvast I jdkj dk eskm+eajktuhfrd I ykgdkj Fkk] us1850 bZ eav i usfooj .k ea fy[k gSfd 1840 rd tkoj ds yks tLrsdsi xyu dh i fØ; k dks Bhd I s tkurs FKA mlgks rRdkyhu egkjk. k dsi Ee[k Hkh budk i n'klu fd; kA bl I EiwkZifØ; k eamI s4 ?k/sdk I e; yxk tkoj dsvo'kskadk i jk/kkr&dehZv/ ; u djdsHkh ; gh fu" d"Zik; k x; kA

tLrsdk mRi knu , oa0; ki kj %

tkoj dh Hkfē; kaeanksfHkUu vldkj ¼ d Nk/h rFkk nū jh cM½ dh eū k; a tLrk xykusgrqiz kx ea yh x; hA cM½ eū k eayxHkx 1 fdyks [kfut rFkk Nk/h eū k e300 xke [kfut xyk; k tk l drk FkA t\$ k fd ge Åij Li "V dj ppsgfd tkoj eahkfē; kadsI eø dsrFkk HkVh e36 eū k; a, d I kfk j [kh tkrh FkA ØM½ o vU; fo}kukaus, d Hkēh ea, d fnu eamRi knu 30 l s50 fdyks; k Nk/h HkVh e20 l s25 fdyksdk mRi knu vldfyr fd; k gA

tkoj ea tLrsdsixyu dk dpjk vuþkur%600]000 Vu gftl ea l bZ 1400 l s1800 dschp yxHkx 32]000 Vu tLrsdk mRi knu gvk gkskA pfd tkoj ea tLrsds vksjksxd mRi knu l s1 cf/kr jSM; ksdkcU frffk; ka12ohal s19oha"krknh dschp dh gäFkk ; g Hkh l kko gSfd Hkfē; kads dbzl eø , d l kfk ixyu grqiz kx fd; sx; sgkKA vr%; g mRi knu 50 l s60 gtkj Vu dk Hkh gks l drk gA i kphu tkoj ea tLrsdk eyck l kekU; r%cm½ eū kvkadk gA gfjgj i kyhoky vlfn fo}kuka dk er gSfd 1600 bZ l siøzikphu tkoj ea cM½ eū kvkadksi xyu grqiz Dr fd; k x; k A

I kj . kh 4 % tLrs ds vks| kfxd mRi knu I s I cf/kr jfM; ks dkclu }kj k dky fu.kz

	Material	Lab. no.	Before Present	Calibrated Age Ranges in Calendar years 68% confidence	Calibrated Age Ranges in Calendar years 95% confidence
Ash dump north of Ramanath temple (adjacent to site 5)	Charcoal	PRL 935	840±130	1040 to 1270 CE	950 to 1400 CE
Ash dump, site 5	charcoal, <i>Terminalia</i> sp	BM 2782	Modern		
furnace, site 30	Charcoal <i>Artocarpus</i> sp	BM 2223	530±50 N	1320 to 1350 AD or 1390 to 1440 AD	1290 to 1450 CE
Retort heap site 5	charcoal	BM 2578	500±50	1330 to 1340 CE or 1390 1450 CE	1300 to 1360 CE or 1380 to 1480 CE
large retort heaps, site 1, trench 1	charcoal	BM 2222 R	240±110	1490 to 1690 CE or 1730 to 1820 CE or 1920 CE to modern	1460 CE to modern
large retorts, lower layers of site 34, cut by road	charcoal	BM 2243 R	350±130	1420 to 1670 CE	1300 CE to modern
Mouth of furnace block, beneath coin hoard in furnace near site 1	charcoal	BM 2638	Modern		
contents of retort from wall	charcoal	BM 2017R	110±260	1530 to 1555 CE or 1635 CE to modern	1395 CE to modern
content of retort	charcoal	BM 2065 R	Modern		

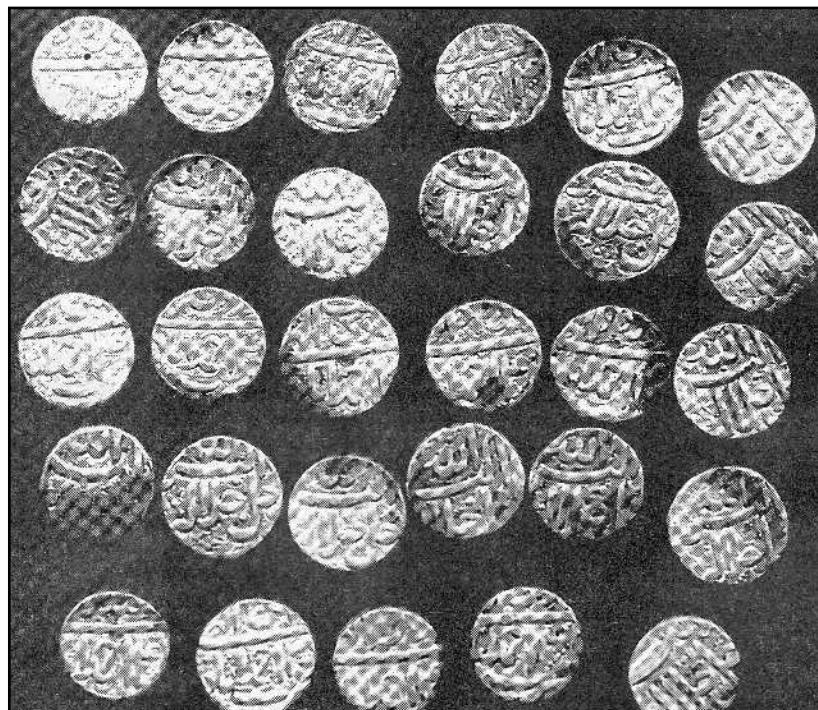
I kygoha'krkCnh ds i kj fEHkd o"kkas, d bVyhokl h] tksylnu eajg jgk Fkk usfy [kk gSfd i qjklyh tgkt Hkkjrh; fVu ds200 VpMsyk; A 'kj eatLrsdk; jki esfuEu Js kh dk fVu VInferior Tin½ dgk tkrk FkkA I EHkor%bl h dkj .k dujy Vkm ; k dN nli jsyksxau stkoj eai lrl /kkrqdkstLrsds ctk; sfVu dk mRi knu dgkA vr%; g /kkrqfVu u gkdj tLrk FkhA Hkkjrh; tLrk i qjklyh tgktka I sbXyM fujrj igprk jgk rFkk dkykUrj eabl 0; ki kj ij bLV bFM; k dEi uh dk i Hklo gksx; ka ylnu dscktkj eHkkjrh; tLrk ihry cukusgrqvR; regakk fcdrk FkkA bl ds, d Vu dh dher 260 i kSM FkhA

1736 eafofy; e p[; u usfcLVy e atkoj dh rtlij tLrk xykusokyh HkVWh dk fuelZk fd; k rFkk 1742 eaml dk mRi knu i kj EHk gksphk FkkA bl h nkjku phu I shkh ; jki eatLRkk igpusyxk FkkA vr%; jki e18oha'krkCnh rd tLrk , d vKkr /kkrqFkhA

, s k i rhr gsk gSfd tkoj I stLrk ; jks dsvfrfjDr bjk] vQxkfuLrku o vYhdh eahh i gpkA phu ea16oh'a'krkCnh dse/; /kkRoh; tLrsdk fuekz k i jEhk gyk ft l dh fof/k fHkJu Fkh] fQj Hkh dN fo}ku , s k ekursgfd tLrsdsmRiknu dk Kku Hkj r I sphu i gpk gskA bl I cdk ea'ksk dh vko"; drk gA

Tkoj* dk ukedj.k dS sgv k ; g Li "V djuk dfBu gA LFkuh; tuJfr dsvu k j bl {ks= dk i kphu uke ; kfxuhij] tkoj kuxjh rFkk tkjig FkA dkyx<+l si klr , d 1460 bZ dsvfHky[k rFkk tkoj I si klr , d x.ksk i frek ea[kpsvfHky[k I s^; kfxuhij* Li "V gsk gA tkoj eajekukFk Vjek ckbz }jk fufel fo".kqefnj½ ea1497 bZ dsvfHky[k I s; kfxuh i êu 'kCn i klr gsk gA mi ; Dr fooj .k I sLi "V gsk gSfd tkoj de I sde 12ohal s18oh'a'krkCnh rd vUrjjk"Vh; 0; ki kj I stMk gA FkkA vr% i êu 'kCn ; FkkFkZgA

i kphu tkoj eaJh yfyr xt] dks i kphu Hkfê; kadsfudV tLrsdseycseancs, d ?kMsavdcj }jk 1592 bZ eavgenkckn eacuok; sfl Dds i klr gq A ; sfl DdsHkh 0; ki kj dsdkj .k ; gka i gpsgkA fp= 15VA

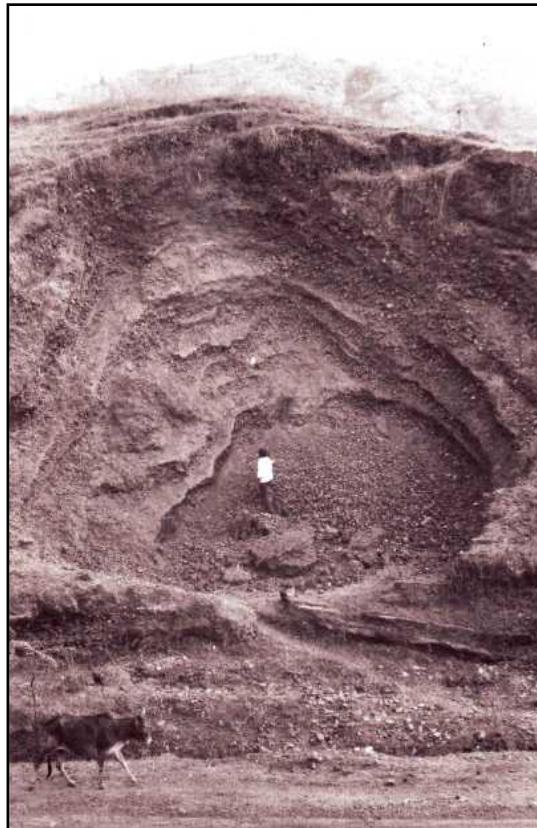


fp= 15- vdcj }jk 1592 bZ eavgenkckn eacuok; sfl Dds

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Tkkoj e^{ai}g^{kr}kfRod vo' k^{sk}

tkoj dh ?kkh e^{ai} i^osk djrs gh cM^h I ^q; k e^a th.k^z voLFkk e^a; = r= efnj utj vkrsg^g; k txg&txg tLrso I h^l sdsixyu I scusdpjscdsfo'kky <j fn[kkbZn^ssg^A fp= 16^{1/2}



fp= 16- /kkrq i xyu ds vo' k^{sk}

i kphu tkoj e^{aj}ekcbZ}kjk cuok; k I hnj vk; rkdkj dqM o efnj g^A th.k^zvoLFkk e^{ai} M^{sv}f/kdk^k efnj t^u /keZl sI c^f/kr g^A fp= 17^{1/2}, s h ekU; rk g^{sf}d ; gka360 efnj cu^j tksHkh gksde I sde i pkl rksvHkh Hkh vFLRRo eags& tkoj ekrk dk i fl) efnj VhMh unh dsck; arV ij gSrFkk bl ds I Ee^qk n^u jh vkj f'ko efnj g^A ; gka ds I Hkh efnj ukxj 'kSyh dscus gSrFkk vf/kdk^k f=j Fk o i pjRu 'kSyh dsg^g 'kSyh dh nf"V I sbllga12ohal s17oha'krkCnh dschp j [k tk I drk g^A



fp= 17- tkoj e^a i kphu efnj

or^zku tkoj x^zo dsfudV fLFkr , d th.k^zvoLFkk eai M^zefnj dsuhps, d fo'kky rg[kkuk g^A ; g rg[kkuk fuf'pr : i l s^zdkb^zdherh oLr@oLr^zakds l jf{kr djusgrqiz kx g^zk g^zekA vud efnj kadsf'k[kj b^z/kadscusg^z, l sefnj ukxnk] txr] dk^zkyx<+o vU; LFkykai j Hkh g^A esokM+eab^z/ka dsefnj cukus dh ijiajk 8oha'krkCnh l s14oha'krkCnh esvfLrRo eafkhA bl dky dsdN efnj i wkr; k b^z/kadsg^z cusg^z/fp= 18% 'ku%&'ku%b^z/kadksNkM^zej rjk'ks i RFkjadk iz kx fd; k x; kA vud efnjkaesem^z Mi dsLrEHkkavFkok xHkk^zg dsid^zk }kj dsAij vfHky^zk [k^znsq^z g^A dN efnjkaes [k^zMr t^zu efrz kacph g^zg^A



fp= 18- tkoj eafLFkr b^z/ka l scuk efnj

tkoj x^zo eal EHkor%egkjk. k^z yk[k^z ds'k^zl u dsn^zku VhM^z unh i j , d ck^zk cuk; k x; k] tksvc /oLr gkspp^zk g^A bl ck^zk dk ty fl pkb^zgrqiz kx fd; k x; k gkskA ikphu tkoj eafFkk tkoj ekyk o fgj .k exjk eikphu cLrh dsvo'k^zg^A l o^zk.k dsn^zku bl cLrh l si^zkr enHkk. Mka l s Li "V g^zrk g^zfd ; gkafi Nysnksgtkj o"k^zl sfujrj cLrh jgh g^A ikphu cLrh eadN edkukad^z nhokja tLrs dh ei^zkvka l s Hkh cukbz xb^zg^A l Hkor% ; g edku tkoj ds dk; zkk^zyk l pkydk^z /kkr&dfez ka; k [kfudk^zadsg^zg^A 1fp= 19%



fp= 19- eit kvkāl scuh edku dh nhokja

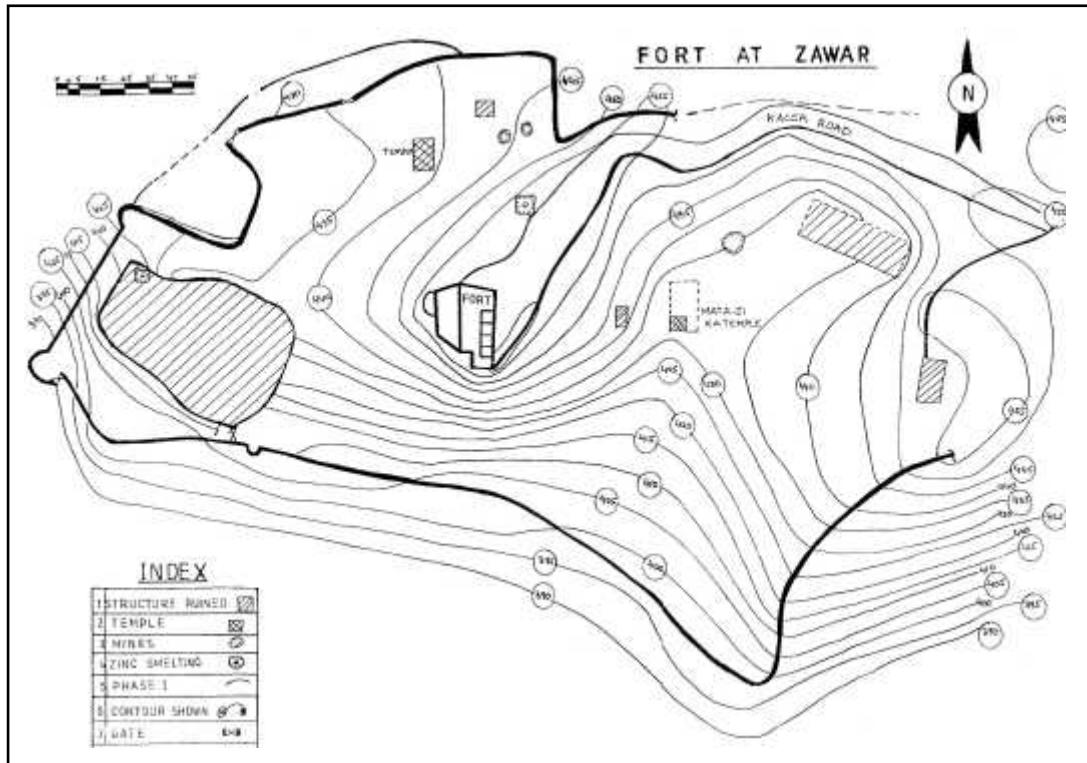
fgj.k exjk eai kphu [kku dsÅij , d pkskj lkou ea, d cW/kjh I wZdh efrzfojkteku gA ; g efrz'kjh dh nf"V I s9oha'krkCnh dh gA I wZdh , sh efrz kabjkuh 'kjh dh gA wZdksdHkh&uksi ko ughacuk; k tkrk gA ¼ooj .k&e; erej nxkefrz i dj.k : i eMu] eRL; i jk.k vklfn½ tkudkjh ds vHko eaLFkuh; ylkx bl sgkfydk ds: lk eai utrsgA ¼p= 20%



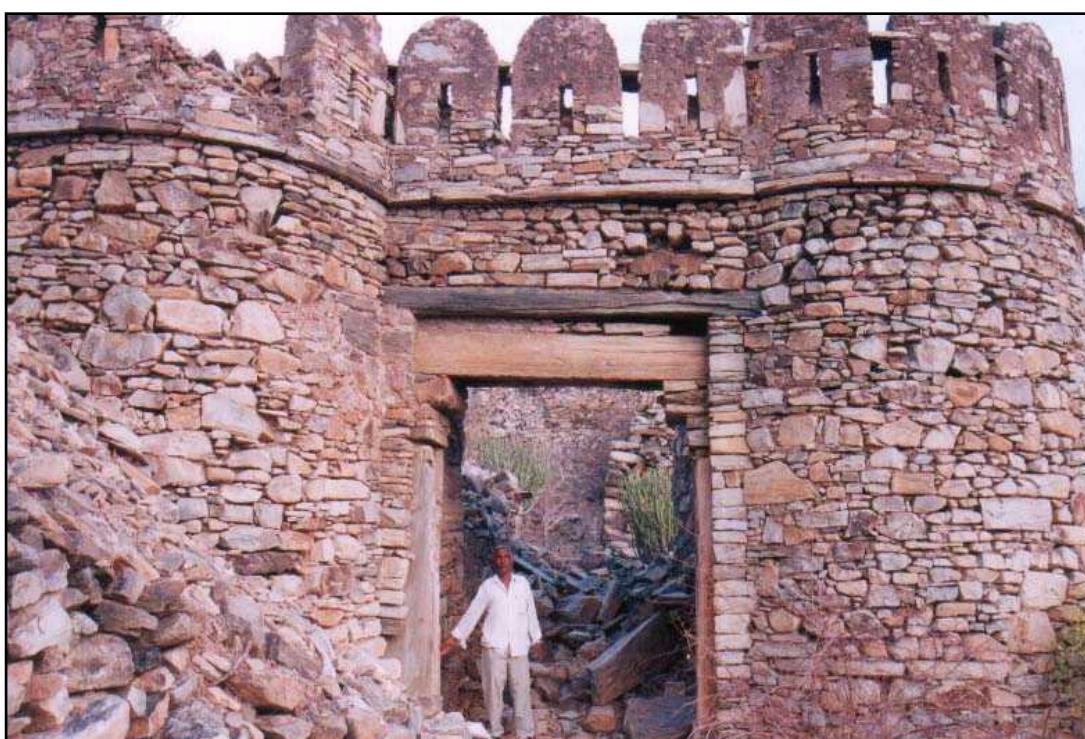
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tkoj eafdyk vks dk'kkxkj

tkoj eafgj.k exjk dsÅij , d fo'kkv fdysdsvo'kk g§fp= 21]22/A ; g fdyk exjsdh l åwkz pksh dks?kj dj cuk; k x; k g§bl dk vf/kdkk Hkkx /oLr gkspdk gA fdysdsif' peh Hkkx dh nhokj easctzukdj etcrh i nku dh xbZgA



fp= 21- fgj.k exjk ij fLFkr ikphu fdyk



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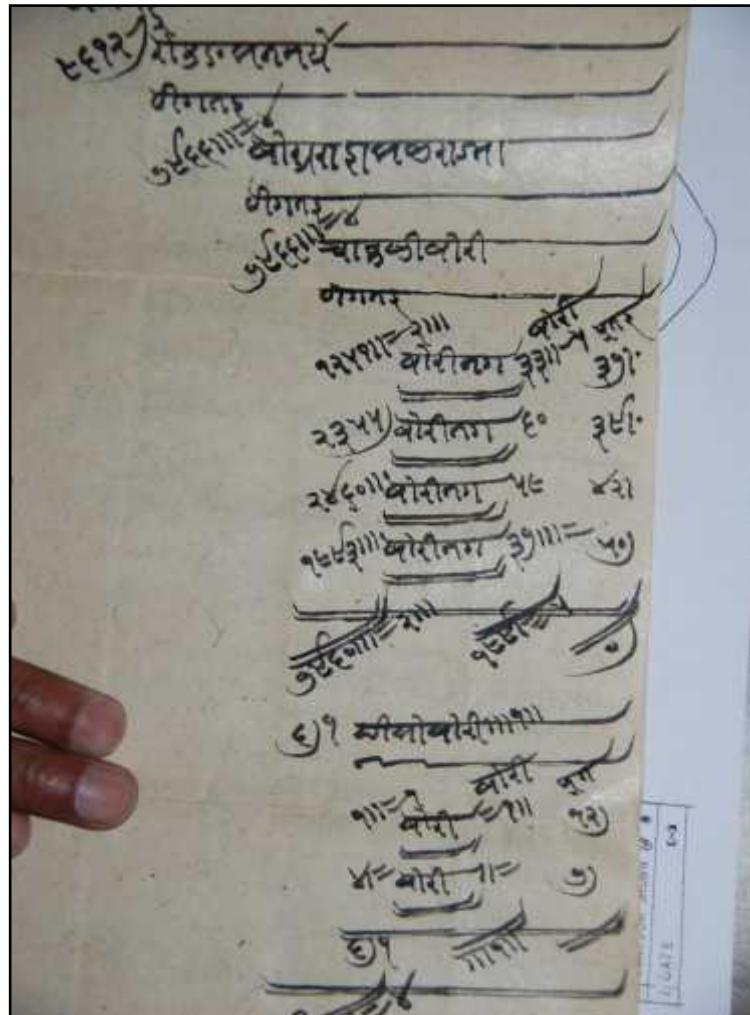
fdysdsHkhrj vud HkoukarFkk , d i kphu efnj dsvo'ksk gA efnj kadsLrEHk m[kM+pdsgsi jUrq nhokjkaij e/; dkyhu I qnj fHkfRr fp= gA LrEHkadh 'kSyh dh nf"V I sefnj 10oh&11oh'krkCnh dk irhr gksk gS fdysdsHkhrj cMh I q; k eHkoukadsvo'ksk gsrFkk dN Hkoukadhi nhokj avl keku; : i I sekvh gA fdysdsHkhrj tLrk ixu dshkh vo'ksk gA fdysdh mUkj i f' peh nhokj dsckgj , d vU; i kphu fdysdh nhokj gStksef'dy I s2 QhV dh ÅpkbZrd cph gBzgA , d k irhr gksk gSfd egkjk.kk dHk 1/1433&1468 bZftI uscMh I q; k eafdykao vU; Lekj dkadk th.kk kj djok; k us bl i kphu fdysdk th.kk kj djok; k gkA dlfirLrEHk dh izkfLr ea, d k mYyEk gA 1/4 ykd 148½ egkjk.kk eokM+Qkm.Msku dsitrdky; eami yC/k , d fjdkMZI sirk pyrk gSfd fdysdsvUnj i kphu efUnj nkkZekadk gA

fl Vh i Syd] mn; ij ds 'kkjk I Lfku eade I s de 19 , d sgLrfyf[kr fjdkMZ mi yC/k gA fp= 23]24]25½ tksegkjk.kk t; fl g I sydij egkjk.kk Hkhefl g dsI e; dsgfrfFk dsnf"Vdksk I sI cl s i kphu vflkys[k fo-I a 1737 1/1680 bZrFkk vfire fo-I a 1854 1/1797 bZdk gA ; s I Hkh vflkys[k tkoj dshk.Mkj I sI Ecfl/kr gA bu fooj .kkae atkoj dshk.Mkj eavkkkkk.kk I ku\$ pknlj i hry] dkj k tLrk] I hI k] i Uuk vkfn dh fo | ekurk dk fooj .k gA dN fooj .kkae abu /krykao vud i dkj dh [kk] I kexh] i 'kypka/2kMso gkFkh½dspkj} di M\$vkfn dh [kjhn dsfy , gq ysu&nsl dk fooj .k gA dN fjdkMZ , d sgSftueHk.Mkj eaj [kh enk dh FkSy; kdk fgI kc&fdrkc gA

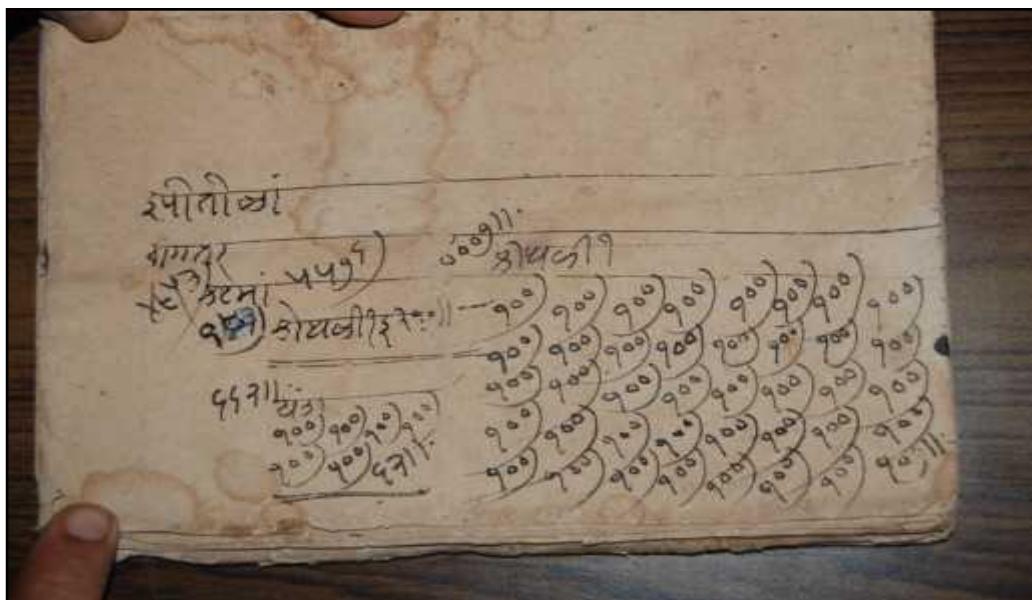


fp= 23- fl Vh i Syd e atkoj ds dkkxkj I s I Ecfl/kr mi yC/k fjdkMZ

; g fjdkMZ zcrkrsgSfd ml I e; I dMk vk/kj i j Hkh dkFkfy; ka/ukSy; ka; k FkSy; kdkshkj tkrk FkkA , d&, d FkSyh eal k&l ksfl DdsHkjstkrsvkj ml ij Mkj h I sxkB ck nh tkrhA bl syk[k I s plikfd; k tkrk FkkA



fp= 24- fl Vh iSyd ea tkoj ds dt"kkxkj ls l EcflU/kr mi yC/k fjd kMz



fp= 25- fl Vh iSyd ea tkoj ds dkxkxkj ls l EcfU/kr mi yC/k fjdKmZ

bu cfg; k₁ s; g Hkh Li "V gksk gSfd bl nk₂ku tkoj dsfdyseafLFkr nk₃LekadsefUnj rFkk vU;
Lekdakdak th.k₄ kj Hkh grykA bu fooj .kkaeamn; i j eaqq fuelz k dk; k₅dk Hkh ftØ g₆ dN cfg; ka
eaiR; d fnu ; k eghusds [kp₇dk fgI kc Hkh ntzg₈ o₉ segkj k. kk jk; ey dsdky ea; gk i k l kn

I fgr vll; fuekz k dk; Zgq A dqm i k; %oghaduk; k tkrk Fkk tgl i ffkdkadsI ej dk vf/kd I pj . k gsk gA bl nV I stkoj dk egRo cgr i bky I sjgk gA

egkj.k.kk t; fl g I s I EcflU/kr , d cgh 1/ a 8792½ es fdI h 'kkthjkt vkuUnhnl }kj k dk'kkxkj eavkjakkcn ds'kkg Hkxorh nkl I s I EcflU/kr gq Mh ds5000 #- tek djokusdk fooj . k gA

pid tkoj dk i kphu uke ^ kfxuhi êu* Fkk ftI I s Li "V gsk gfd tkoj 0; ki kj dk dñz FkkA 0; ki kj dk dñz gkusdsdkj . k gh tkoj eadk'kkxkj cuk; k x; k gskA dk'kkxkj I s I EcflU/kr mi ; Dr fooj . kka I s Li "V gsk gfd tkoj eagkFkh o ?kMso [ks tkrFkA vuul cfg; ka, s h Hkh gftueaykska dksi \$ k fn; k x; k ; g fooj . k gA

, s k i rhr gsk gfd tkoj dh I j{k egkj.k.kkvka ds fy, vr; Ur egRoi w k FkhA bl h dkj . k ogkagkFkh] ?kMso I uk j [kh x; h gskhA fdysdse/; es, d vr; Ur etcir Hkou gA ftI egey dh vi gkk Nk/sdejsgA I EHkor%; gh rRdkyhu dk'kkxkj gskA

; |fi e/; dkj eansk ea'kfDr I ryu ds vuul ;) gq] esokM+dh /kj rh egkj.k.kk yk[kk] I ksk dñkk irki o jkt fl g t\$ sohjkads'kk Z I s I jf{kr jghA jktkvka usgeskk f'k[kk] I xhr] dyk o foftkuu i dkj dsm | kskadksiz; fn; kA njhck dh [kku dsAij vluivkkZekrk efUnj ejkoy I ej fl g dk vfHkys[k] egkj.k.kk yk[kk] egkj.k.kk ekdy] egkj.k.kk irki vks egkj.k.kk vejfl g }kj k uohu [kku i kjeHk djusdk i ek.k bl ckr dk Li "V I dr gfd egkj.k.kkvka us/kkrq [kuu o i xyu dks geskk I j{k.k fn; kA bl dk i fj.kke ; sgv k fd tkoj dk tLrk vYhdk o yluu dscktkjkae400 o"kz i gysml I e; igpk tc nsu; k dsyks bl /kkrqdkstkursrd u FkA

tkoj es tLrsdsfujUrj mRi knu usnsu; k Hkj eansk dk uke jks ku fd; kA okLro es/kkrq foKku ds {ks= es esokM+ }kj k tLrk i xyu dh rduhd nsu; k dks vf}rh; nsu gA egkj.k.kkvka us tLrs dh mRi knu rduhd o /kkrqk dh [kuu rduhd ds fodkl es tks ; kxnu fd; k ml snsu; k geskk ; kn j [kskA

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vfhk; kf=dh 0; fDrRo dk i fj p;

Jh , p- oh- i kyhoky
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11 uoEcj] 1937 dksmn; ij eatJh , p- oh- i kyhoky uscukj l fglnwfo' ofo | ky; I sekbuz
bUthfu; fja esmi kf/k ikr dhA vki usojh; rk l ph eai Eke LFku ikr dj xkym emy ikr fd; kA
vki dks l u~ 1958 ea ekbuz ft; kys tdy , .M eVytby bULVhV; vklD bf.M; k
½ e-th, e-vkbz usl oZSB Nk= ds: lk eajkcvu emy inku fd; kA vki usvi usdijvj dk ikjEHk
dks yk [kkuaeami icakd l sfd; k rFk l u~1962 eakoj ekbuI eal hfu; j ekbuz batifu; j ds
in l si kjk dj fujrj ixfr djrsq l u~1985 eafglnturku ftd fyfeVM dsfunsk ½ekbuz
vklwjskuhsdi n dksl qkshkr fd; kA

Jh i kyhoky dsfunsk eakoj ekbuI eansk dk l cl scMk Hkflexr foLQkV fd; k x; k ft l e145
Vu ck: n dk mi ; kx dj ikp yk[l Vu v; Ld rkMk x; kA bl l s [ku dh l j{k k vkg mRi knu ea
of) gba

Jh i kyhoky fglnturku ftd dh [kkuka, oal a akeavk/kfud rduhd dksdke eaykusdsi {k/j jga
vki tc fglnturku ftd fyfeVM eavuq zku , oafodkl ds i zqk Eks rc dnh; vuq zku , oa
fodkl i z kx'kkyk ½ hvkjMh, y½ dh LFku uk gpozvkg bl i z kx'kkyk eal eoz dh xgjkbz kaeik; s
tkusokyesxuht ukMq yl l sfudy , oadkckVV fudkyusdh rduhd fodfl r dh xbA

[ku , oai ; kbj.k dsfy, cusdk; hy ds l g&v/; {k ds: i eavki us [kuu i fj; kstukvka dsfy,
i ; kbj.kh; Lohdkr dsftu fn'kkfunska dk ik: i cuk; k ml s l u~1983 ea [kuu , oai ; kbj.k
eakj; }kjk Lohdkj dj fy; k x; kA

viy l u~1996 l svDVicj 1999 rd vki usfcukuh bUMLVit eal ykgdkj ds: lk eavi uh l ok, a
nhA ekpZ l u~2000 l sfn l Ecj 2004 rd vki eVehu QkbuI , oagkSYMx i kboV fyfeVM ds
l ykgdkj jgt orjku eavki b.Mksxkym ekbu i kboV fyfeVM ds l ykgdkj i n dksl qkshkr djrs
gq jkt LFku ea Lo.kz Hk.Mkjka dh [kstchu dk egRoi wZ dk; l dj jgs gA vki us nskfon sk dh
vuskuod [kkuka, oal esyVI Z/kkrqxyu l ; U=kz dk voyksdu fd; kA

vki us l u~1990 eaphu dschfta eal Ei lu gpozYmZekbuha dk l eahkj r l sx, Mfyxsku ds
l nL; ds: i eahkjx fy; kA

vki us Hkkrh; rduhd ny dk usRo djrsq vll; nskka eahkjx [kfutka dh [kst ds l Hkfor
{kska dks fpflgr fd; kA tgka Ykd , oahkj r ds l a mi Øe [kfut i fj; kstuk , oa [kfutka dh
[kstchu dj l da

vki dks I u~1989 eä, e-th, e-vkbz us vykg /kkryka ds [kuu m | kx eä egRoi wkz ; kxnku ds I j ts dksxhu ckÅu eekj; y eMy I sl Eekfur fd; kA I u~1990&1991 eävki dksuškuy feuujy vokwz suoktk x; kA bl h rjg jktLFku I jdkj usjkT; eä [kfutksfodkl eävki dsvrguh; ; kxnku dsfy, Lo.klind i nku fd; kA

Jh i kyhoky vusd , DI i VzdesV; k, oal jdkjh nyksdsI nL; jgsmeal si eäk ofdk xij Qkj ekbfuä , .M , uok; uéV LVs.Mx I kbVfQd , Mokbtjh xij] uskuy bLVhVzW Qkj jkd esfuDI] ckmZvkD ekbfuä , Xtkfeusku bu bf.M; k vknf gä

Jh i kyhoky tuojh 1996 I sekpZ 2007 rd ou , oai ; kbj.k eäky; dh , DI i VzdesV; karFkk ekbfuä dsI nL; jgsvkj ns k dh vusd [kkukadhi ; kbj.k Lohdfr vkg [kku elfydkadks i ; kbj.k dsifr I tx cukuseal jkguh; ; kxnku fn; kA

tuojh 2006 I sekpZ 2007 rd i jek.kqÅtkzeäky; ds vUrxh ; jfu; e dk mRiknu c<ä>kusgrä fu; kstr devh dsI nL; jgsvkj ; jfu; e dh ubZ [kkukadksfodkl eä; kxnku fn; kA

vxLr 2007 I sJh i kyhoky i jek.kq [kfut vlošk.k , oavuđ akku funs kky; dh [kfut i clu/k i fj "kn~ %Council of Management of AMD%dsI nL; gä

vki bLVhVzW vkgD bfUtfu; I Z%of.M; k% ds Qsyks %I nL; % gä vki dksfM; u bLVhVzW vkgD ekbfuä , .M eVytD dsI kfk gh ekbfuä ft; kykmt dy , .M eVytD bLVhVzW vkgD bf.M; k ds vktou I nL; Hkh gä

Jh thou fl g [kj doky]

4 тү 1966 джмукжып джНж/с I схкп [kj doky естле Jh thou fl g оржку естукнү ж; улхж жктLFку fo | ки hB еабЛhV; W vNQ jktLFку LVMht дсигжRo foHkkx еал g & vкpk; Zdsin i j dk; Jr gA

vUrjjk"Vh; , oajk"Vh; Lrj dsfj l pZ tjuYI eа^m kmfk , f'k; u vlfdsuNklyklt^ ij 40 I sHkh vf/kd 'kжk&i=kadsizdk'ku dsl kfk gh iks Mh-i h vxoky ds yksku dk; Zeal g&ykskd dk nkf; Ro fuHkkrs gq "Central Himalaya" (1998), "Presistory of South Asia" (2002) rFkk "Bronze and Iron Ages In South Asia" (2003) t\$ hi trdkaij dk; Zdj ppdsqA ; gh ughavki us3 ntlu I shkh jk"Vh; , oavvUrjjk"Vh; Lrj dsl Eesukaevi us'kжk&i=kadksl Qyrk dsl kfk iLrj dj ppdsqA

ткiku dslfj l pZ bLhV; W Qkj g; esufV , .M uspj] D; k/k }kjk vki dks 2004&2005 dsfy, foftfvx i kQd j dsin i j vke=r fd; k x; kA

gky gh eavki xojkr dsl dPN] dkej dsl ^b. Mk&tis uht gMhi k vMldzvMklt dy fjl pZ i kstDV^ dk usRo dj jgsgsrFkk Hkkjr dsmukjky] gfj ; k.kk jktLFku] e/; i ns k xojkr] egkjk"V^vks dukt/d vlfn jkT; k al si jkru i ; Vkojdu dk l pkyu Hkh djrsjgsgA

Jh yfyr xojj

fgUnjruku ftd fyfeVM^ dsiD, I ksl , V tujy esutj dsin i j jgsJh yfyr xojj ns k eа[kuu , oa[kfut dslk= eamlufer i frHkk dsl/kuh gA

Jh xojj fgUnjruku ftd fyfeVM] Tsy , oai kNfrd xS vkl; kx^ (ONGC) rFkk jktLFku I jdkj dsl ^kku , oahkioKku foHkkx^ dsl kfk [kuu , oai kfut I h k] tLrk rkekJ fuu VxLVu] Lo. kZvks gkbMkdkcL dsvlloSk. k dslk= ea35 o"kkdk cge[kh , oal e) dk; kUkko j [krsgA

ynu dsfcfV'k E; f; e) i hd ftyk [kuu I xgky;] MchZkk; j] fcN/u rFkk , e- , I - fo' ofo | ky;] cMhZkk vks fgUnjruku ftd fyfeVM t\$ scgqvuqkI fud ny esokkfu dsl : i eа'kley gks vki usHkkjr eа tkoj] njhck vks vxpk eajkrRo /kkrdeZeaLrk [kuu vks xykusdh i kphu fof/k; k adksfoLrr : i I s tkprsgq bu ; kstukvkadk l Qy I ello; fd; kA

Jh xojj usdbzvUrjjk"Vh; Lrj dsl Eesuka , oai seukjkaeHkkx eayrsqgq i kphu Hkkjr dsl [kuu , oa /kkrdeZdsbfrgkI i j fo'kks i zdk'k MkykA ftueA&

- тү 1985 esfctVy eatLrk vks i hry dsl 2000 o"kkij vkl; kfr vUrjjk"Vh; I Eesuka
- тү 1985 eaynu dhjkW y I k k; Vh }kjk I aksBh (Conversation)A
- fgUnjruku ftd fyfeVM ij 35 , e- , e- dh nksMkD; vNQ fQYekadsfy, vki usfLQIV] 'kfvx , oa I aknu dslk; Zdksc[kch i wklfd; kA
- vrhr ; 'kn dkA
- VxDI I yQ fgykWU bu yM , M ftdA



सूर्यवंशी न्यास का ये रथिम रथ चलता रहेगा।
पैदियों के रक्त में इसका सुख पलता रहेगा।।
ऐसि रसुकूल की जिसे शिव से विजयत में मिली हो।
आँधियों में वह दिया जलता रहा जलता रहेगा।।

MMCF Emblem Description

The ornamented arch of a gateway is a Toran. It is a testimony to the successful completion of an act of Dan i.e. philanthropy performed by the Maharanas of Mewar.

'Dan' means donation which is explained in great detail in our ancient scriptures. 'Dan' is unconditional. It is given to the deserving and those in need, from legitimately earned wealth, with no regrets and with no intention of achieving fame or expecting favours in return.

The Maharanas of Mewar observed the tradition of 'Dan' after a successful completion of a pilgrimage or social welfare activities such as building of temples, public service institutions, environmental and ecological works. A special Toran was built to commemorate each of these events.

The Maharana of Mewar Charitable Foundation was created by an act of Dan to 'honour recognition of works of permanent value rendered to society'. Maharana of Mewar Charitable Foundation epitomizes the commitment to 'pursuit of excellence'. It serves as a 'temple of inspiration' for future generations and further continues the model of sustainability that is 'Eternal Mewar'.

A Shiv- ling was placed on top of the Toran to invoke divine blessings.

The lighted lamp in the centre symbolizes removal of darkness.

The English Translation of The Motto

The glorious chariot of the Maharana of Mewar Charitable Foundation created by the Suryavanshis shall never come to a halt. Their eminence shall be preserved without interruption by future generations.

The descendants of Lord Rama who inherited their legacy from Lord Shiva is like the 'Eternal Flame' which will remain inextinguishable even in the severest tempest.



Eternal Mewar
*Custodianship unbroken
since 734 AD*

Description of Eternal Mewar Emblem

The two brackets represent custodianship: Their 'embrace' is non-intervening, non-interfering.

What do they embrace?

One is the red tikka with rice grains, the eternal symbol of a 'welcome' in India.

Second, the rising sun, the first symbol of the family of Mewar.

Definition of Eternal Mewar

The House of Mewar, acknowledged as the world's oldest-serving dynasty, has faced challenges, which have tested the maintenance of the Custodianship form of governance and the Custodian's commitment to carry on serving as The Diwan of Shree Eklingnath ji.

In 1947 with India's Independence and again in 1971, with the abolition of Princely Privileges, the office of the Custodian necessitated reinventions. In 1984 the mantle of 76th Custodian devolved upon Shriji Arvind Singh Mewar of Udaipur. The original status of Custodian, as provided in the Constitution of India, ceased to exist. The challenge, therefore, for Shriji Arvind Singh Mewar of Udaipur was to bring the different identities of inheritance under one umbrella.

Eternal Mewar is conceptualized to provide the vision for the 21st century, it expresses, embodies and encompasses the core values, principles and the legacy of the House of Mewar. Eternal Mewar covers all the activities of the House of Mewar.

Eternal Mewar has also emerged as a unique heritage brand exemplifying hospitality, cultural preservation, philanthropy, education, sports & spirituality for global audiences.

Disclaimer

Although Shriji Arvind Singh Mewar of Udaipur is the concept developer of brand 'Eternal Mewar' and owner of all the intellectual property rights in relation thereto, but as Eternal Mewar is not a legal entity thus Shriji Arvind Singh Mewar of Udaipur shall not be responsible / liable for any acts / omissions / commissions by any of the institutions / corporates / trusts / organizations under / related to Eternal Mewar. Shriji Arvind Singh Mewar of Udaipur is not responsible to address / resolve any issues arising out of the acts / omissions / commissions by any of the institutions / corporates / trusts / organizations under / related to Eternal Mewar and such institutions / corporates / trusts / organizations shall be solely responsible to address/resolve any issues arising out of their acts/omissions/commissions.

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