MINERAL INCLUSIONS AND MICROSTRUCTURES OF CARBON AGGREGATES IN UREILITES.

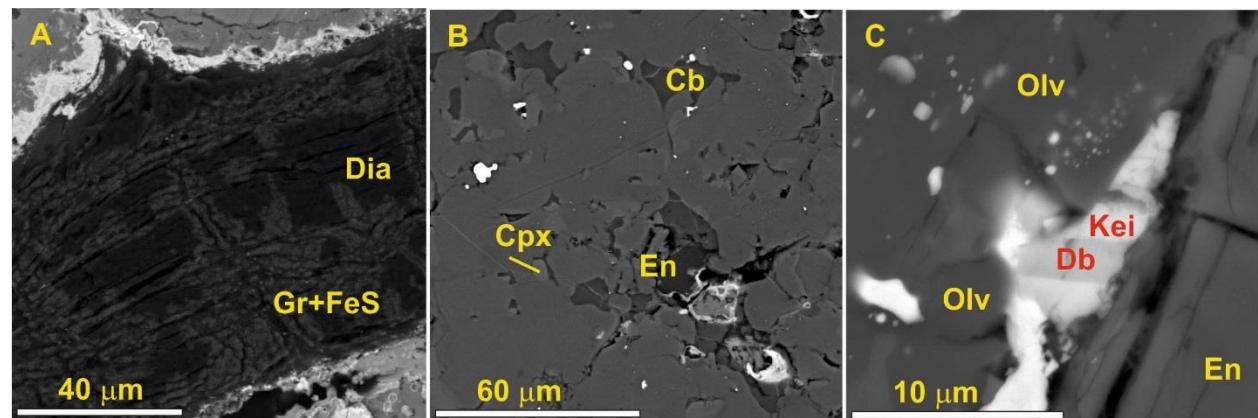M0F0Nkxcuqx[3,4]. J0Qjhwlk[5]. J0Mcik[6]. F0F0Dcf{wmqx[7]. [8]Uqdqngx Kovkvwwg qh I gqnqi {cpf O kpgtcnqi { UD TCU. 5 Mqrv{wic Cxg. Pqxqukdktum 8522; 2. Twuukc [9]mkxcuqxB ki o 0pue0tw= [4]Pqxqukdktum Ucvg Wpkxgtukv{. 4 Rktqi qxc uv. Pqxqukdktum 8522; 2. Twuukc= [5]I gqf{pcm ke Tgugctej Egpvg. Gjko g Wpkxgtukv{. 4/7 Dwpm{q/ej q. O cuw{co c. 9; 2/: 799. Lcrcp= [6]I gqej go kecn Tgugctej Egpvg. Wpkxgtukv{ qh Vqm{q. Jqpiq. Dwpm{q/mw. Vqm{q. 335/2255. Lcrcp= [7]Xgtpcfum{ Kovkvwwg qh I gqej go kuv{ cpf Cpcn{vkcn Ejgo kuv{ TCU. 3; Mqu{i kpc uv. O queqy. 33; ; ; 3. Twuukc

Introduction: Wtgknkgu eqpvckp wr vq 8 y v0 E cu kpvgtuvkvkcn ci tgi cvgu kp r gtkfqvkvg o cvtkz cnqpi y kj uwrhkfg cpf ktqp r j cugu0 Vj g{ ctg uecrcgn uwrkfg d{o gcpu qh vtcpum uukqp gngevtqp o ketqueqr { cpf qvj q o ketqpcny{kcn vgej pkswgu0 J gtg y g r gthqrm gf f gvckngf o kpgtqni kcn cpf o ketqvtwewwtcn uwrf { qh wtgknkgu Pqxq/Wtgk cpf LCJ 276 y kj r ctvkewrct cwgpvkqp vq ki f gpvkhkecvkqp qh o ketqpenwukqpu kp ectdqn ci tgi cvgu0

Methods: Vj g uco r ngu y gtg r qnkuj gf uukpi Ct/kqp o knkpi vq cxqkf eqvcm kpcvkqp qh uco r ng uwthceg f wtkpi eqn/xgpvkqpcn r qnkuj kpi 0 Cam r ng ugevkqp y gtg wj gn uwrkfg uukpi HG/UGO [8]LGQN. LUO /9222H+ gs wkrr gf d{ GF U'Z /O cz/ : 2 [8]Qzhqtf Kouv0+ cpf Tco cp ur gevtqo gtv [8]J qtkdc Lqdkp{ xqp NcdTCO J T: 22 y kj cp Pf-I f 754/po ncuqt+0 Ugxgtcr vj kp hkro u htqo ectdqn ci tgi cvgu y gtg r gr ctgf uukpi HKD vgej pksug [8]HGK Ueiqu+ cpf uwrf gf uukpi CVGM [8]LGQN. LGO /4322H0

Results and discussion: Kp ectdqn ci tgi cvgu y g kf gvkhkgf f kco qpf. i tcr hkg cpf lqnsfcngkg0 Vj g f kco qpf cr{u/vcn kp Pqxq/Wtgk wr vq 42 Üo +y gtg o wej lcri g vj cp kp LCJ 276 >322 po +0F kco qpf {qpgu kp ectdqn ci tgi cvgu fq pqv eqpvckp cp{kpenuukqpu. y j gtcu i tcr hkg/dgctkpi {qpgu eqpvckpu kpenuukqpu qh m o cekc cpf Hg/Et uwrhkf g [8]Hki 0B+0 Y g cnq kpxgugi cgf o ketqpenuukqpu kp õuo gnugfö {qpgu qh qnkxkpg cpf qtwj qr {qzpgt tgct uvcmk{cvkqp ctqwpf ectdqn ci tgu0 Vj gug {qpgu eqpvckp cdwv cp'vqvkf u cpf cnq uwrhkgu. eqj gpkeg cpf r quukdn cy tgrecekg0 Kp LCJ 276 o qu uwrhkg ku tgr nccgf d{ cpj f{tkeg0O kpqr kpvgtuvkkcn i ncuu eqpvckpu wr vq 7 y v [8]UkQ[4]0 S uwgpej gf UkQ[4] et{uvcn kp vj ku i ncu ctg tgr tgugpvgr d{ etkuvqdcnkg [8]kf gvkhkgf d{ Tco cp ur gevtqueqr { +[8]Hki 0B+0

Pgy o kpgrqi kecn hkpf kpi s uwr r qtv o wnkuvci g qtki kp qh wtgknkg f wtkpi uteej cukte impcet gxgpu cv lgcu qpg qh y j kej y cu qh ecvcuvtqr j ke ej ctcevgtu[1]0

Figure 1. [8]C+ Ectdqn ci tgi cg kp LCJ 276 eqpvckpkpi f kco qpf [8]F kc+ cpf i tcr hkg [8]I t=[8]D+ Uo gnfg {qpg kp qnkxkpg eqpvckpkpi enkpqr {tqzpgr [8]Er z+. Uk/dgctkpi i ncuu cpf etkuvqdcnkg [8]Ed=[8]E+ Kpvgtuvkkcn uuo dngi kp uo gnfg {qpg kp Pqxq/Wtgk eqpvckpkpi qnkxkpg [8]Qnx+. gpuvcvkg [8]Gp+. fcwdr[2]gnkg [8]F d+ cpf lgknkg [8]Mgk+0

References:]3_ I qqftkej E0C0 gv'cn0 [8]4237+ *Meteoritics & Planetary Science* 72<9: 4/: 2; 0